

Technical Report  
LAX Master Plan EIS/EIR

**3b. Off-Airport Ground Access Impacts  
and Mitigation Measures**

January 2001

Prepared for:

Los Angeles World Airports  
U.S. Department of Transportation  
Federal Aviation Administration

Prepared by:

Barton-Aschman Associates, Inc.

# **LAX Master Plan**

## **Off-Airport Ground Access Impacts and Mitigation Measures for LAX Master Plan EIS/EIR**

September 22, 2000

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A Unit of Parsons Transportation Group

Final Report

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A	-Trip Generation Summaries
B	-Geographic Distribution of Airport Trips
C	-Level of Service Summaries
D	-Master plan Transportation Impacts (RTP Assumptions)
E	-Master plan Transportation Impacts (Framework Background Assumptions)
F	-Proposed Transportation Improvements
G	-Congestion Management

# 1 GROUND ACCESS GOAL

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The goal of the Off-Airport Ground Access Element of the LAX Master Plan is to provide an efficient, effective intermodal ground access system serving LAX for both people and cargo. To achieve this goal, a number of operating principles were established early in the LAX Master Plan process that have guided the analysis and strategic approach. The Federal Aviation Administration has established requirements and performance measures for ground access analysis, which also have guided the approach.

## 1.1 MASTER PLAN PRINCIPLES FOR GROUND ACCESS

The Master Plan Principles for Ground Access are as follows.

- ◆ Maximize use of the regional transportation system;
- ◆ Explore opportunities to connect to regional transit systems;
- ◆ Minimize impacts to local streets; and
- ◆ Protect neighborhoods.

## 1.2 FEDERAL AVIATION ADMINISTRATION GROUND ACCESS OBJECTIVES AND REQUIREMENTS

Advisory Circular 150/5360-13, circulated by the Federal Aviation Administration (FAA) in 1994, lays out a series of recommendations for planning airport ground access and circulation systems. The following paragraphs are taken directly from the Advisory Circular.

- ◆ General

Ground access systems serve passengers, employees, and other airport users traveling to and from the airport. Circulation systems within the airport boundaries should minimize congestion and support efficient access to the passenger terminal. Ground access systems extend beyond the airport boundaries and must function within the context of regional transportation systems and the policies of government agencies typically unrelated to the airport's operation. A thorough analysis of motor vehicle traffic flows associated with current and projected future air passenger demand is essential to assure that ground congestion does not become an unanticipated constraint on a passenger terminal's performance.

- ◆ Planning Studies

Ground access facilities – including access roads and interchanges, transit links, parking facilities, staging areas for taxis and other public transport services, and the terminal curb – are generally addressed as a major element of overall airport master planning or terminal building design. The assumptions about demand that guide access system decisions must be consistent with those used for airport master planning and terminal building design.

Ground access systems generally depend upon regional highway and transit facilities that carry traffic unrelated to the airport. Periods of peak demand and resulting congestion on these regional facilities may not correspond to those for the airport, but may influence airport facilities planning and design. Accordingly, local and regional transportation authorities, as well as private and public operators of ground transport services, should be included in the planning and design process.

..... [T]he process typically followed in ground access systems planning and design ..... may be followed in parallel with planning and design of other elements of the passenger terminal, or as a independent activity when ground access problems are faced at an otherwise adequate airport facility. The inventory phase collects data on projected air transport demand, airline schedules, airport operating policies, and ground transport facilities and services. Demand forecasting uses these data to develop projections of motor vehicle traffic, passenger demand, and parking demand on annual, seasonal, monthly, daily, hourly, and peak hour bases. Demand-capacity analyses determine the facilities required to accommodate these demand forecasts and identify alternate facilities feasible for application at the airport. Evaluation of the service quality of facility alternatives and their comparison to performance and cost standards leads to the selection of the optimum alternative.

### 1.3 U.S. DEPARTMENT OF TRANSPORTATION REQUIREMENTS FOR ENVIRONMENTAL DOCUMENTS

The other primary principles and recommendations governing the Off-Airport Ground Access Study are the U.S. Department of Transportation (USDOT) Federal Highway Administration (FHWA) policies and procedures for Environmental Impact Statements. This is documented in the FHWA Technical Advisory entitled "Guidance for Preparing and Processing Environmental and Section 4(F) Documents (T 6640.8A). The technical guidance was established to provide FHWA field offices and project applicants with direction on the preparation and processing of federally sponsored environmental documents.

For the LAX Off-Airport transportation modeling and analysis, the primary focus from the FHWA Technical Advisory is in seven primary areas:

1. System Linkage – Will the proposed projects being added in the LAX Master Plan Alternatives be "connecting links"? How do these fit into the transportation system?
2. Capacity – Is the capacity of the present facility inadequate for the present traffic? Projected traffic? What capacity is needed? What is the level(s) of service for existing and proposed facilities?
3. Transportation Demand – Including relationship to any statewide plan or adopted urban transportation plan together with an explanation of the project's traffic forecasts that are substantially different from those estimates from the 23 U.S.C. 134 (Section 134) planning process. In Southern California, the Regional Transportation Plan prepared by SCAG is the basis for comparison and its list of projects and growth forecasts are inherent in the No Action/No Project Alternative.
4. Social Demands or Economic Development – New employment, schools, land use plans, recreation, etc. What projected economic development/land use changes indicate the need to improve or add to the highway capacity?
5. Modal Interrelationships – How will the proposed facilities interface with and serve to complement airports, rail and port facilities, mass transit services, etc.?
6. Safety – Is the proposed project necessary to correct an existing or potential safety hazard? Is the existing accident rate excessively high? Why? How will the proposed project improve it?
7. Roadway Deficiencies – Is the proposed project necessary to correct existing roadway deficiencies (e.g., substandard geometrics, load limits on structures, inadequate cross-section, or high maintenance cost? How will the proposed projects improve it?

Our transportation modeling and traffic analysis has been conducted with these guiding principles in mind. Our approach adheres to these principles in the following manner:

1. System Linkage – Our study area and modeling analyses allow for the assessment of the LAX Expressway, the Ring Road around the airport and associated facilities to be assessed in a systems context. The effects of these facilities on the interconnecting transportation system are documented in this report. As outlined in the FHWA Technical Advisory, the benefits and effects of the facilities included in the three build Alternatives are being compared against a "No Action" Alternative that includes all other adopted and programmed transportation improvements.
2. Capacity – Our report is structured to fully assess the inadequacies in the No Action/No Project Alternative in terms of level(s) of service and other measures. Again, a variety of comparisons are made between the three build alternatives and the No Action/No Project Alternative.
3. Transportation Demand – As specified in the FHWA Technical Advisory, we have included all adopted and programmed statewide and Regional Transportation Plan (RTP) facilities in our model networks as well as a complete list of related roadway projects from surrounding jurisdictions. Therefore, our comparisons allow us to compare the traffic forecasts for the Build Alternatives to the No Action/No Project Alternative, which conforms to the Regional Transportation Plan.
4. Social Demand or Economic Development – Our trip generation includes all adopted land use improvements and developments both on and off-airport property. The trip generation includes a complete related projects list from all surrounding communities and this has been reconciled with the adopted regional growth forecasts from the Southern California Association of Governments (SCAG). With these adopted land uses included in the off-airport transportation model, we are able to assess the ability of the system to serve new land uses both on and off-airport property.

5. **Modal Interrelationships** – Both the on-airport and off-airport models and traffic analysis account for the effects of planned and programmed transit improvements in the study area. The off-airport transportation model is based on the market shares from SCAG's regional transportation model and its mode choice component. In addition, as part of the impact assessment and mitigation work for on and off-airport, the role of TDM and increased transit was assessed for air passengers, airport workers and other Airport destined travelers.
6. **Safety** – The key measure for safety improvement that was addressed in our analysis, is the percentage of airport traffic that will be removed from the local roadway system and carried on freeways, the LAX Expressway and the Ring Road. This is clearly demonstrated by model output which shows that the percent of traffic that is on local roadways that is destined to the airport declines from 22 percent for the No Action/No Project Alternative to a range of 14 to 17 percent for the build Alternatives.
7. **Roadway Deficiencies** – The benefits of the LAX Expressway and Ring Road are addressed in this report in terms of how they improve congestion and traffic performance in the study area.

## 2 ANALYTICAL PROCEDURES AND ASSUMPTIONS

### 2.1 PRIMARY STUDY AREA AND KEY STUDY LOCATIONS

The primary study area for the Off-Airport Ground Access Element analysis is shown in **Figure 2.1**. Ground Access analysis consists of several different analytical procedures, with each applying to its own study area. The analytical procedures include:

- ◆ A project impact and mitigation analysis at 61 intersections within the primary study area for the a.m. and p.m. commute peak hours, as well as the "airport peak hour" (mid-day in August);
- ◆ A focused project access analysis of 15 intersections and 15 freeway ramps, which goes beyond project impacts and mitigations to assess the quality of airport access for the a.m., p.m., and airport peak hours;
- ◆ A corridor-level analysis to evaluate project impacts to corridors along the outer edges of the primary study area; and
- ◆ A Congestion Management Program (CMP) impact analysis which assess impacts to the countywide transportation system of freeways and major arterials.

As **Figure 2.1** shows, the 61 intersections included in the impact analysis (as well as the subset of 15 intersections included in the focused access analysis) are within the primary study area. The corridor study locations roughly define an outer boundary of the primary study area. The CMP study area, which is determined as an interim step in the CMP analysis, is defined in accordance with Los Angeles County Metropolitan Transportation Authority's latest Congestion Management Program Land Use Analysis guidelines. **Figure 2.1** also shows an additional set of 14 intersections, marked by LADOT for detailed analysis as part of this study.

### 2.2 FORECASTING PROCEDURES

Forecasts of future year traffic volumes have been developed using the LAX Ground Access Model. As described in "LAX Ground Access Model Calibration and Validation Report," dated September 30, 1998, this peak hour model was derived from the Southern California Association of Governments (SCAG) regional model and the Los Angeles Citywide General Plan Framework Model. It covered the entire urbanized area of the Southern California region, with a very detailed focus in and around the primary study area. The model was calibrated to 1994 data then updated so that its estimates of existing conditions now reflect 1996 peak hour conditions.

A series of post-model processing steps were used to effectively remove any bias that may have existed in the model's estimates. These post-model steps, as described in the model calibration and validation report, included link and intersection volume adjustments.

The model used estimates of population, housing and employment to generate forecasts of peak hour vehicle trips throughout the region. These trips were then "assigned" to a network of roadways to represent actual peak hour traffic flows. The assignment process was designed to simulate personal choice in path selection, so that changes in congestion levels due to new roadway improvements or development patterns would cause shifts in the routes chosen for particular trips. This "capacity-constraint" algorithm made it possible to account for complex changes in land uses and transportation facilities over time.

To properly evaluate airport access impacts and issues, the LAX Ground Access Model used a detailed trip generation and distribution process to estimate airport trips. In a collaborative process with airside, groundside, on-airport ground access and off-airport ground access consultants, vehicle trips were estimated separately for each of the following trip categories: airport passengers, employees, cargo, ancillary, and collateral (trips generated by on-airport commercial development). Private automobiles, carpools, shuttles, taxis, vans, limos and buses were all estimated for each trip category. The result was a set of airport trip tables that allowed trips to be assigned to each parking facility, driveway, and commercial facility as appropriate. These trips were then added to the background trips and the model was run to determine the total number of vehicles on the roadway system during each of the peak hours. Trucks were converted into Passenger Car Equivalents (PCEs) using a factor of 2.0 PCEs per truck.

Model forecasts were generated for each alternative, including Adjusted Environmental Baseline, No Action/No Project Alternative Baseline, and the three Master Plan alternatives. The peak hour traffic volumes from these forecasts were then used as the basis for the ground access analysis.

## 2.3 REGIONAL SOCIO-ECONOMIC ASSUMPTIONS

An initial set of regional socio-economic assumptions provided a consistent background that was used to analyze each of the alternatives. These assumptions were based on the Southern California Association of Government's (SCAG's) forecasts as developed for the 1997 Regional Transportation Plan (RTP). Because the City of Los Angeles recently adopted a policy objective to increase the employment growth rate throughout the City in the Los Angeles Citywide General Plan Framework, a second set of background assumptions was developed consistent with that policy.

The analysis was performed twice, once with RTP background assumptions and a second time with Framework background assumptions. In both cases, growth from planned development projects in and near the primary study area were incorporated into the background assumptions. A summary of the RTP and Framework background assumptions is given in **Table 2.1**.

### REGIONAL TRANSPORTATION PLAN (RTP) BACKGROUND ASSUMPTIONS

SCAG revised its forecasts of population, housing and employment in 1996 during development of the Regional Transportation Plan. Year 2015 forecasts, dated June 1997, were obtained from SCAG's modeling group. The forecasts were disaggregated to fit the smaller zones in the primary study area within the LAX Ground Access Model. For year 2005 forecasts, SCAG years 2000 and 2010 forecasts (also dated June, 1997) were obtained, and a straight-line interpolation was used.

### LOS ANGELES CITYWIDE GENERAL PLAN FRAMEWORK (FRAMEWORK) BACKGROUND ASSUMPTIONS

The City of Los Angeles adopted the Los Angeles Citywide General Plan Framework in 1995. The Framework includes a policy objective to increase the rate of employment growth throughout the City over SCAG's assumed growth rate. Between the years 1990 and 2010, the Framework policy objective increases the amount of Citywide employment growth from 210,000 to 389,000.

The City desires to achieve additional employment growth in all areas of the City, including City zones within and near the primary study area. Areas of more concentrated employment growth include Downtown Los Angeles, Century City, Playa Vista, and employment centers within the San Fernando Valley.

To account for this policy objective in the Framework background assumptions, employment growth within Los Angeles was increased by 95,000 in the year 2005 forecast and by 190,000 in the year 2015 forecast. Distribution of the additional employment was determined using the same geographic distribution used for the additional employment in the Los Angeles Citywide General Plan Model.

### PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

In addition to the population, housing and employment growth in the SCAG forecasts, growth associated with planned development projects in and near the primary study area was incorporated into both RTP and Framework background assumptions. A list of planned development projects was developed with the assistance of the County of Los Angeles and the Cities of Culver City, El Segundo, Inglewood, Los Angeles, Manhattan Beach, and Santa Monica. That list is given in **Table 2.2**.

Growth from the list of development projects was compared to the SCAG forecasts of growth. If the SCAG forecasts were large enough to include the planned development project(s) in a particular zone, the SCAG forecast was used. If the SCAG forecast was not large enough in a particular zone, then population, housing, and/or employment growth was added to that zone to ensure that sufficient growth was assumed to include all of the planned development projects.

## 2.4 FUTURE TRANSPORTATION SYSTEM IMPROVEMENTS

Funded future transportation system improvements were added to the model networks. Improvements are assumed to the freeways, high-occupancy (HOV) lanes, surface streets, and to the transit system. The roadway improvements are shown in **Table 2.3**.





**Los Angeles International Airport  
Master Plan**

**Primary Study Area and  
Key Study Locations**

**FIGURE  
2-1**



Table 2.1<sup>1/</sup>

## REGIONAL POPULATION, HOUSING AND EMPLOYMENT ASSUMPTIONS

	Single Dwelling Units	Multi Dwelling Units	Total Dwelling Units	Population	Retail Employment	Non-Retail Employment	Total Employment
<b>1996 RTP Background Assumptions</b>							
Primary Study Area	58,309	114,365	172,674	404,119	43,710	255,533	299,243
South LA County	1,422,447	1,473,970	2,896,417	8,206,468	672,764	3,585,759	4,258,523
North LA County	97,989	50,033	148,022	402,141	24,115	111,507	135,622
Orange County	451,958	415,129	867,087	2,418,488	226,341	1,083,053	1,309,394
Riverside/San Bernardino	513,428	212,581	726,009	2,064,141	129,245	531,174	660,419
Ventura County	154,170	84,386	238,556	680,887	52,357	231,635	283,992
Total	2,698,301	2,350,464	5,048,765	14,186,244	1,148,532	5,798,661	6,947,193
<b>2005 RTP Background Assumptions</b>							
Primary Study Area	58,143	125,150	183,293	423,185	51,126	298,293	349,425
South LA County	1,440,320	1,667,809	3,108,129	9,052,477	642,153	3,877,786	4,519,939
North LA County	162,052	97,534	259,586	706,077	37,292	203,235	240,527
Orange County	478,263	504,948	983,211	2,772,302	277,460	1,303,372	1,580,832
Riverside/San Bernardino	694,586	317,000	1,011,586	2,961,693	201,608	828,779	1,030,387
Ventura County	170,456	103,746	274,202	771,734	68,631	288,387	357,018
Total	3,003,820	2,816,187	5,820,007	16,687,468	1,278,270	6,799,858	8,078,128
<b>2015 RTP Background Assumptions</b>							
Primary Study Area	60,434	153,506	213,940	489,620	53,206	359,770	412,976
South LA County	1,459,826	1,882,291	3,342,117	9,991,088	605,507	4,195,949	4,801,456
North LA County	233,233	150,313	383,546	1,043,783	51,934	305,156	357,090
Orange County	507,492	604,748	1,112,240	3,165,429	334,259	1,548,171	1,882,430
Riverside/San Bernardino	895,873	433,020	1,328,893	3,958,973	282,011	1,159,453	1,441,464
Ventura County	188,551	125,257	313,808	861,564	86,714	351,446	438,160
Total	3,345,409	3,349,135	6,694,544	19,510,457	1,413,631	7,919,945	9,333,576
<b>2005 Framework Background Assumptions</b>							
Primary Study Area	58,143	125,150	183,293	423,185	51,995	302,345	354,340
South LA County	1,440,320	1,667,809	3,108,129	9,052,477	656,599	3,954,040	4,610,639
North LA County	162,052	97,534	259,586	706,077	37,292	203,235	240,527
Orange County	478,263	504,948	983,211	2,772,302	277,460	1,303,372	1,580,832
Riverside/San Bernardino	694,586	317,000	1,011,586	2,961,693	201,608	828,780	1,030,388
Ventura County	170,456	103,746	274,202	771,734	68,631	288,387	357,018
Total	3,003,820	2,816,187	5,820,007	16,687,468	1,293,585	6,880,159	8,173,744
<b>2015 Framework Background Assumptions</b>							
Primary Study Area	60,434	153,506	213,940	489,620	55,172	369,366	424,538
South LA County	1,459,826	1,882,291	3,342,117	9,991,088	634,170	4,346,951	4,981,121
North LA County	233,233	150,313	383,546	1,043,783	51,934	305,156	357,090
Orange County	507,492	604,748	1,112,240	3,165,429	334,259	1,548,171	1,882,430
Riverside/San Bernardino	895,873	433,020	1,328,893	3,958,973	282,011	1,159,453	1,441,464
Ventura County	188,551	125,257	313,808	861,564	86,714	351,446	438,160
Total	3,345,409	3,349,135	6,694,544	19,510,457	1,444,260	8,080,543	9,524,803

Source: Southern California Association of Governments, socio-economic file

1/ Some differences may occur in totals due to rounding.



Table 2.2

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

No.	Project Name	Address	Zone #	City <sup>1/</sup>	SFDU <sup>2/</sup>	MFDU <sup>3/</sup>	Population	Retail <sup>4/</sup>	Non-Ret <sup>5/</sup>	1996	2005	2015
1	600&700 Corp. Pointe Office	Slauson/Hannum/Buckingham	166 & 167	CC	0	0	0	0	6200			X
2	Cash and Carry	5680 Sawtell Blvd.	160	CC	0	0	0	18	0		X	X
3	Chief Auto Parts	12778 Washington Blvd.	879	CC	0	0	0	10	0		X	X
4	Howard Industries	8855 Washington Blvd.	1121	CC	0	0	0	0	410	X	X	X
5	Mica Site	3585 Hayden Ave.	1121	CC	0	0	0	0	0		X	X
6	Pittard Sullivan	3535 Hayden Ave.	1121	CC	0	0	0	0	191		X	X
7	Playa Pacific (Phase II)	6301-6507 Hannum Ave.	166	CC	35	15	135	0	0		X	X
8	Playa Pacific (Phase III)	6071 Slauson Ave.	877	CC	35	15	135	0	0			X
9	Sony Pictures Studios	10202 Washington Blvd.	161	CC	0	0	0	0	4410			X
10	Vista Pacifica	6100 Block of Jefferson Bl	1123	CC	40	60	240	0	0		X	X
11	Vista Pacifica	6100 Block of Jefferson Bl	1123	CC	74	111	444	0	0			X
12	Wedgewood Holly Building	3520/3530/3540 Hayden Ave.	1121	CC	0	0	0	0	603		X	X
13	Warehouse/Office	5300 Beethoven	875	CC	0	0	0	0	85			X
14	Culver City Retail/Theater	Washington/Culver/Main	156	CC	0	0	0	264	0		X	X
15	Costco	Glencoe Ave/Washington Blvd	176	CC	0	0	0	542	0		X	X
16	Studio Drivein	5250 Sepulveda Blvd.	166	CC	57	0	171	0	80		X	X
17	Fox Hills Mall Expansion	Slauson Avenue	1308	CC	0	0	0	315	0		X	X
18	Mike Miller Honda	9005 Washington Blvd.	156	CC	0	0	0	99	0		X	X
19	Airport Marina Ford	5970 Centinela Ave.	76	CC	0	0	0	178	0		X	X
20	Best Buy	10777 Washington Blvd.	160	CC	0	0	0	91	0		X	X
21	Good Year Tire	5879 Washington Blvd.	156	CC	0	0	0	18	0		X	X
22	Dental Office	12202 Washington Blvd.	174	CC	0	0	0	0	40		X	X
23	Beacon Office	8695 Washington Blvd.	156	CC	0	0	0	0	70		X	X
24	Office Removal	831 - 871 S. Nash St.	1324	ES	0	0	0	0	-708	X	X	X
25	Air Freight Forwarding	2310 E. Imperial Hwy.	1035	ES	0	0	0	0	117		X	X
26	Continental Dev. Corp.	2041 Rosecrans Ave.	1324	ES	0	0	0	129	239		X	X
27	Hughes Electronic Group	901 N. Nash St.	1320	ES	0	0	0	0	101		X	X

Table 2.2 (cont.)

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

No.	Project Name	Address	Zone #	City <sup>1/</sup>	SFDU <sup>2/</sup>	MFDU <sup>3/</sup>	Population	Retail <sup>4/</sup>	Non-Ret <sup>5/</sup>	1996	2005	2015
28	Industrial	1521 E. Grand	1319	ES	0	0	0	0	153		X	X
29	McDonald's	101 S. Sepulveda Blvd.	1324	ES	0	0	0	46	0		X	X
30	Office	2301 Rosecrans	1325	ES	0	0	0	0	1160		X	X
31	Office (Continental Grand)	400 - 444 Continental	1324	ES	0	0	0	0	934		X	X
32	Office (Mattel)	445 - 475 Continental	1324	ES	0	0	0	0	1200		X	X
33	Ralphs Supermarket	Mariposa/Sepulveda	1321	ES	0	0	0	97	0		X	X
34	Xerox / Hotel (Phase IV)	1951 - 1961 El Segundo Blvd.	1322	ES	0	0	0	0	1196		X	X
35	Townhomes	1415 E. Grand Avenue	1319	ES	28	0	84	0	0		X	X
36	Office/Hotel	155-555 N. Nash	1322	ES	0	0	0	15	464		X	X
			1322	ES	0	0	0	15	628		X	X
37	Mini Storage	NW Aviation and Rosecrans	1324	ES	0	0	0	0	18		X	X
38	Mini Storage	401 Aviation Blvd	1324	ES	0	0	0	0	35		X	X
39	Hawthorne Gateway Center	s/o Rosecrans & w/o I-405	1328	HA	0	0	0	612	600		X	X
40	Oceangate North	sw corner of Oceangate & Rosecrans	1325	HA	0	0	0	200	3400			X
41	Mars Venture	se corner of Rosecrans & Aviation	1328	HA	0	0	0	30	827		X	X
42	99c Chain into Vacant Building	3320 W. Century Blvd.	1240	ING	0	0	0	20	0	X	X	X
43	Alamo Car Rental Expansion	9007 S. Aviation Blvd.	900	ING	0	0	0	2	0	X	X	X
44	Burger King	3111 W. Century Blvd.	1244	ING	0	0	0	30	0		X	X
45	McDonald's	4015 W. Century Blvd.	1240	ING	0	0	0	30	0	X	X	X
46	Taco Bell	4000 W. Century Blvd.	1240	ING	0	0	0	30	0	X	X	X
47	Unical Station	8600 S. Aviation Blvd.	900	ING	0	0	0	12	0	X	X	X
48	Auto Repair	600 Manchester Blvd.	1231	ING	0	0	0	12	0		X	X
49	Car Wash	10200 S. Hawthorne Blvd.	180	ING	0	0	0	5	0		X	X
50	Kentucky Fried Chicken	2941 W. Imperial Hwy	1252	ING	0	0	0	30	0		X	X
51	McDonalds	401 E. Manchester Blvd.	1363	ING	0	0	0	25	0		X	X
52	CarMax	1000 W. Manchester Blvd.	1232	ING	0	0	0	160	0		X	X

Table 2.2 (cont.)

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

No.	Project Name	Address	Zone #	City <sup>1/</sup>	SFDU <sup>2/</sup>	MFDU <sup>3/</sup>	Population	Retail <sup>4/</sup>	Non-Ret <sup>5/</sup>	1996	2005	2015
53	Angel Care Dialysis	1004 S. La Brea Ave.	1242	ING	0	0	0	0	14		X	X
54	Enterprise Rent-a-Car	800 S. La Brea Ave.	1242	ING	0	0	0	4	0		X	X
55	Wilder Private School	830 N. La Brea Ave.	1228	ING	0	0	0	0	76		X	X
56	Cardlock Fuel	916 W. Spruce Ave.	1232	ING	0	0	0	1	0		X	X
57	Kinetsu Corp.	725 S. Glasgow	1232	ING	0	0	0	0	80		X	X
58	Jack-in-The-Box	11306 S. Crenshaw	1251	ING	0	0	0	25	0		X	X
59	Faithful Center Church	311 W. Florence Ave.	1362	ING	0	0	0	0	20		X	X
60	Kwon Auto Repair	259 N. La Brea Ave.	1363	ING	0	0	0	140	0		X	X
61	Auto Zone	10120 S. Hawthorne Blvd.	1241	ING	0	0	0	15	0		X	X
62	Crusade Christian Church	801 S. La Brea Ave.	1235	ING	0	0	0	0	10		X	X
63	Eclipse Night Club	214 S. La Brea Ave.	1363	ING	0	0	0	10	0		X	X
64	Taco Bell	2941 W. Imperial Hwy.	1251	ING	0	0	0	30	0		X	X
65	Warehouse	908 W. Hyde Park Blvd.	1230	ING	0	0	0	0	4		X	X
66	Residential	3668 W. 109th St.	1253	ING	1	0	3	0	0		X	X
67	Residential	3631 W. 105th St.	1245	ING	2	0	6	0	0		X	X
68	Residential	452-454 W. Fairview Blvd.	1228	ING	2	0	6	0	0		X	X
69	Residential	611-615 N. Park Ave.	1226	ING	4	0	12	0	0		X	X
70	Residential	312 E. Hillsdale St.	1227	ING	3	0	9	0	0		X	X
71	Residential	515 E. Kelso St.	1235	ING	1	0	3	0	0		X	X
72	Residential	7603-7725 Victoria Ave.	1236	ING	0	13	26	0	0		X	X
73	Residential	3615 W. 105th St.	1245	ING	1	0	3	0	0		X	X
74	Residential	412 E. Hardy St.	1242	ING	0	10	20	0	0		X	X
75	Residential	3714 & 3716 W. 108th St.	1253	ING	2	0	6	0	0		X	X
76	Residential	3651 W. 109th St.	1253	ING	4	0	12	0	0		X	X
77	Residential	334 W. Nectarine St.	1362	ING	2	0	6	0	0		X	X
78	20th Century Fox Expansion	10201 Pico Blvd.	835	LA	0	0	0	0	3084		X	X
79	Air Cargo	5353 Imperial Hwy.	1029	LA	0	0	0	0	160	X	X	X

Table 2.2 (cont.)

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

No.	Project Name	Address	Zone #	City <sup>1/</sup>	SFDU <sup>2/</sup>	MFDU <sup>3/</sup>	Population	Retail <sup>4/</sup>	Non-Ret <sup>5/</sup>	1996	2005	2015
80	Air Cargo	5353 Imperial Hwy.	1029	LA	0	0	0	0	155		X	X
81	Air Cargo Facility	5353 Imperial Hwy.	1029	LA	0	0	0	0	194		X	X
82	Apartments	13355 Maxella Av.	178	LA	0	123	246	0	0		X	X
83	Apartments	4750 Lincoln	178	LA	0	500	1000	0	0		X	X
84	Archer School	11725 Sunset Blvd.	803	LA	0	0	0	0	191		X	X
85	Auto Expansion	12205 Jefferson Blvd.	881	LA	0	0	0	16	0		X	X
86	Auto Repair	12423 Wilshire	828	LA	0	0	0	15	0		X	X
87	Bob Champion	11937 Wilshire Blvd.	829	LA	0	0	0	140	0		X	X
88	Century City Center	10270 Constellation Av.	835	LA	0	0	0	0	3311		X	X
89	Chevron	4680 Lincoln Blvd.	120	LA	0	0	0	4	0	X	X	X
90	Childcare / School	3055 Overland Ave.	843	LA	0	0	0	0	9		X	X
91	Child Care Center	9320 Lincoln	1027	LA	0	0	0	0	4		X	X
92	Clinic/Hospital	Sepulveda / Howard Hughes Way	167	LA	0	0	0	0	362		X	X
93	Condo Complex	10804 Wilshire Blvd.	834	LA	0	187	374	0	0		X	X
94	Fully Loaded Gas Station	6303 Manchester Blvd.	1019	LA	0	0	0	12	0		X	X
95	Gas Station w/ Food Mart	11675 Pico Blvd.	826	LA	0	0	0	4	0		X	X
96	Getty Center Museum	1200 Monte Carlo Way	991	LA	0	0	0	0	903		X	X
97	Getty Cntr Museum w/ Theatre	17985 Pacific Coast Hwy.	915	LA	0	0	0	0	192		X	X
98	Home Depot	12945 Jefferson Blvd.	907	LA	0	0	0	317	0	X	X	X
99	Howard Hughes Center	Sepulveda / Howard Hughes Way	167	LA	0	0	0	420	0		X	X
100	Howard Hughes Center	Sepulveda / Howard Hughes Way	167	LA	0	0	0	1090	2180		X	X
101	In-N-Out Burger Pkg Lot Only	9001 Sepulveda (1640 Spaces)	190	LA	0	0	0	0	0		X	X
102	LMU (Phase I)	90 KSF Bldg, 262000 SF Housing	905	LA	0	225	450	0	180		X	X
103	LMU (Phase II)	25 KSF Bldg, 158000 SF Housing	905	LA	0	135	270	0	50			X
104	Longs Drug Store	8837 Sepulveda	190	LA	0	0	0	40	0		X	X
105	Loyola Marymount Expansion	7101 W. 80th St.	905	LA	0	313	626	0	0	X	X	X
106	Marina Pointe Condos	4251 Lincoln	176	LA	0	812	1624	0	0		X	X

Table 2.2 (cont.)

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

No.	Project Name	Address	Zone #	City <sup>1/</sup>	SFDU <sup>2/</sup>	MFDU <sup>3/</sup>	Population	Retail <sup>4/</sup>	Non-Ret <sup>5/</sup>	1996	2005	2015
107	McDonald's	4680 Lincoln Blvd.	120	LA	0	0	0	23	0	X	X	X
108	McDonald's	7900 La Tijera	170	LA	0	0	0	38	0		X	X
109	McDonald's	10867 Santa Monica Blvd.	834	LA	0	0	0	22	0		X	X
110	Motel	435 Culver Blvd.	1104	LA	0	0	0	0	21	X	X	X
111	Office	8040 Manchester	904	LA	0	0	0	0	80		X	X
112	Otis College	9045 Lincoln Blvd.	1027	LA	0	0	0	0	100	X	X	X
113	Playa Vista (Phase 1)	Lincoln / Jefferson	77 to 115	LA	0	3246	6492	50	6325			X
114	Playa Vista (Phase 2)	Lincoln / Jefferson	77 to 115	LA	0	9839	19678	1120	15620			X
115	Ralphs Supermarket	4311 Lincoln Blvd.	871	LA	0	0	0	94	0	X	X	X
116	Ralphs Supermarket	8837 S. Sepulveda Blvd.	1024	LA	0	0	0	97	0	X	X	X
117	Regent Mann Westwood II	1015 Broxton Ave.	834	LA	0	0	0	252	0		X	X
118	Retail	Olympic / Centinella	826	LA	0	0	0	500	0		X	X
119	Retail	11711 San Vicente Blvd.	829	LA	0	0	0	109	0		X	X
120	Retail	2215 Westwood	843	LA	0	0	0	15	0		X	X
121	Retail	6259 87 th Street	1027	LA	0	0	0	10	0		X	X
122	School	9760 Pico Blvd.	836	LA	0	0	0	0	120		X	X
123	Shopping Center	2206 Sawtelle Blvd.	848	LA	0	0	0	184	0	X	X	X
124	Sinai Temple School	10400 Wilshire Blvd.	834	LA	0	0	0	0	164		X	X
125	UCLA	UCLA Campus	834	LA	0	0	0	0	550		X	X
		UCLA Housing	834	LA	0	392	784	0	0			
126	Village Westwood	1000 Glendon Ave.	843	LA	0	164	328	685	6		X	X
127	West Bluff (SFDU)	7400 West 80th Street	903	LA	120	0	360	0	0		X	X
128	Wilshire Blvd. Temple School	Barrington Ave. / Olympic Blvd.	826	LA	0	0	0	0	320		X	X
129	Center Drive	6060 Center Drive	189	LA	0	0	0	0	1120			X
130	Retail	11932 Wilshire Blvd @ Brockton	812	LA	0	0	0	140	0			X
131	Carl's Jr	7403 La Tijera	997	LA	0	0	0	30	0			X
132	Avalon Bay	5535 Westlawn	875	LA	0	340	680	0	0			X

Table 2.2 (cont.)

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

No.	Project Name	Address	Zone #	City <sup>1/</sup>	SFDU <sup>2/</sup>	MFDU <sup>3/</sup>	Population	Retail <sup>4/</sup>	Non-Ret <sup>5/</sup>	1996	2005	2015
133	Apartment	5400 Centinela	898	LA	0	624	1248	0	0			X
134	Continental City-Phase 1 (2005)	Aviation/Imperial	1000	LA			0	200	3000		X	X
135	LAX Northside	Westchester Pkwy/Loyola Blvd	188	LA			0	945	5220		X	X
			188	LA			0	550	2072			
			188	LA			0	130	6380			
136	Local Coastal Plan	Marina Del Rey	1117	LA	2420		7260	0	0			X
			1117	LA			0	963	0			X
			1117	LA			0	417	232			X
			1117	LA			0	188	12			X
137	Post Office	Airport/Westchester Pkwy	1022	LA			0	57	0		X	X
138	Manhattan Beach Studios	1600 Rosecrans	1337	MB	0	0	0	0	1661		X	X
139	Manhattan Gateway Project	1800 Rosecrans	1337	MB	0	0	0	340	0		X	X
140	Office Depot/Wareforce	1700 Rosecrans	1337	MB	0	0	0	72	55		X	X
141	Senior Housing Project	Parkview @ Rosecrans Avenue	1340	MB	0	104	208	0	0	X	X	X
142	Acapulco Mexican Rest.	600 Sepulveda Blvd.	1340	MB	0	0	0	84	0	X	X	X
143	Medical Offices	Manhattan/900	1335	MB	0	0	0	0	87	X	X	X
144	Office Depot	Rosecrans/Manhattan	1340	MB	0	0	0	40	0	X	X	X
145	Private School	1700 Manhattan Beach	1340	MB	0	0	0	0	6	X	X	X
146	Target Complex	1200 Sepulveda Blvd.	1340	MB	0	0	0	305	0	X	X	X
147	Condominium	S. PCH bet. Palos Verde & Prospect	1407	RB	98	0	294	0	0		X	X
148	Retail	S. PCH bet. Palos Verde & Prospect	1407	RB	0	0	0	40	0		X	X
149	Condominium	1700 Ruxton Lane	1402	RB	16	0	48	0	0		X	X
150	Condominium	PCH @ Garnet St.	1407	RB	18	0	54	0	0		X	X
151	Housing Developments	High Lane w/o Alvord Lane	1402	RB	28	0	84	0	0		X	X
152	Condominium	Meyer Lane n/o 190th St.	1402	RB	32	0	96	0	0		X	X
153	reuse of AES generating plant			RB	0	0	0	0	0		X	X

Table 2.2 (cont.)

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

No.	Project Name	Address	Zone #	City <sup>1/</sup>	SFDU <sup>2/</sup>	MFDU <sup>3/</sup>	Population	Retail <sup>4/</sup>	Non-Ret <sup>5/</sup>	1996	2005	2015
154	100% Affordable Apartments	1144 - 1148 12th Street	1132	SM	0	17	34	0	0		X	X
155	100% Affordable Sen. Housing	1136 4th St.	1129	SM	66	0	198	0	0		X	X
156	3 - Story Addition to Retail	1328 2nd Street	1139	SM	0	0	0	32.85	0	X	X	X
157	3 - Story Medical Office	2121 Wilshire Blvd.	1134	SM	0	0	0	0	119	X	X	X
158	4 - Story Office Building	800 Wilshire Blvd.	1142	SM	0	0	0	0	255	X	X	X
159	4-Story Retail/Office/Rest.	1733 Ocean Ave.	1139	SM	0	0	0	70	243		X	X
160	Arboretum	2000 Colorado Ave.	1152	SM	216	0	648	370	2,362		X	X
161	Ashgrove	256 Santa Monica Pier	152	SM	0	0	0	12,704	0		X	X
162	Bed & Breakfast	1703 Ocean Front Walk - Lot 6	1155	SM	4	0	12	0	0		X	X
163	Bed & Breakfast	1703 Ocean Front Walk - Lot 5	1155	SM	4	0	12	0	0		X	X
164	Bed & Breakfast	1711 Ocean Front Walk - Lot 4	1155	SM	4	0	12	0	0		X	X
165	Chevrolet/Geo Auto Dealer	3223 Santa Monica Blvd.	1138	SM	0	0	0	0	0		X	X
166	Condo. Complex	951 Ocean Ave.	1129	SM	16	0	48	0	0		X	X
167	Condominium Complex	701 Ocean Blvd.	1154	SM	39	0	117	0	0	X	X	X
168	Condominium Complex	1206 Ocean Park	1156	SM	20	0	60	0	0	X	X	X
169	Hotel/Restaurant	1746 Ocean Ave.	1154	SM	0	0	0	0	197	X	X	X
170	Lobster Development	1602 Ocean Ave.	1139	SM	0	0	0	68	16		X	X
171	Mixed Use	1423 2nd Street	151	SM	0	0	0	63.55	0	X	X	X
172	Mixed Use	1201 3rd Street Promenade	1139	SM	0	0	0	67.542	0	X	X	X
173	Office/Residential	1447 Cloverfield	1145	SM	8.5	0	26	0	109	X	X	X
174	Pacific Park (Amusement Plk)	Santa Monica Pier	152	SM	0	0	0	0	0		X	X
175	Retail	120 Wilshire Blvd.	1139	SM	0	0	0	19.7	0		X	X
176	Senior Housing	2807 Lincoln Blvd. & 827 Ashland Ave.	155	SM	95	0	285	0	0	X	X	X
177	Sinbad's Restaurant	370 Santa Monica Pier	152	SM	0	0	0	156.5	0		X	X
178	The Water Garden Phase II	2425 Olympic Blvd.	1152	SM	0	0	0	471	2,241		X	X
179	Upward Bound House	1011 11th St.	1140	SM	107	0	321	0	0		X	X

Table 2.2 (cont.)

## PLANNED DEVELOPMENT PROJECTS ADDED TO BACKGROUND ASSUMPTIONS

<u>No.</u>	<u>Project Name</u>	<u>Address</u>	<u>Zone #</u>	<u>City <sup>1/</sup></u>	<u>SFDU <sup>2/</sup></u>	<u>MFDU <sup>3/</sup></u>	<u>Population</u>	<u>Retail <sup>4/</sup></u>	<u>Non-Ret <sup>5/</sup></u>	<u>1996</u>	<u>2005</u>	<u>2015</u>
180	Santa Monica Studios	3025 Olympic Blvd	1152	SM	0	0	0	0	1,156			X

Source: Barton-Aschman Associates, Inc. - PTG (2000)

<sup>1/</sup> Cities: CC=Culver City, LA=Los Angeles, SM=Santa Monica, ING=Inglewood,  
MB=Manhattan Beach

<sup>2/</sup> Single Family Dwelling Unit

<sup>3/</sup> Multiple Family Dwelling Unit

<sup>4/</sup> Retail Employment

<sup>5/</sup> Non-Retail Employment



**Table 2.3**  
**MODEL UPDATE INFORMATION - REGIONAL ROADWAY IMPROVEMENTS**

No.	Street/Highway	Improvement	Limits	1996	2005	2015
1	Admiralty	Extend at 4 lanes	Fiji to Culver			y
2	Admiralty Way	Widening to 5 lanes	Via Marina to Fiji Way (in conn. w/ Playa Vista		y	y
3	Arbor Vitae	4 and 2-way left turn lane	La Brea to Inglewood	y	y	y
4	Arbor Vitae	4 lanes	Inglewood to I-405		y	y
5	Arbor Vitae	4 lanes and 1 2-way left turn lane	I-405 to Airport			y
6	Aviation	3 lanes NB	Marine to Manhattan	y	y	y
7	Aviation	Widen to 6 lanes	Imperial to Arbor Vitae		y	y
8	Aviation	Widening to 6 Lanes	S/O Rosecrans to Manhattan Bch. Blvd.			y
9	Aviation	4 to 6 lanes	1000 ft south of Rosecrans to Imperial		y	y
11	Bay	2 lanes each way	Teale to Culver			y
12	Centinela	Remove pkg. to prov. 6 lanes	Jefferson to just south of Ballona Bridge		y	y
13	Centinela	Widen to 6 lanes	Ballona Bridge		y	y
14	Centinela	Extend at 4 lanes	Jefferson into Playa Vista		y	y
15	Cloverfield	2 to 3 lanes NB	Around I - 10		y	y
16	Culver	Widen to 4 lanes	Lincoln to SR-90		y	y
17	Culver	6 lane overcrossing	@ Lincoln			y
18	Del Amo Blvd	4 lane over-crossing	@ I-405		y	y
19	Douglas	Convert to one-way NB	Imperial Highway to El Segundo	y	y	y
20	Douglas	Delete RR Grade Separation	Between Rosecrans to Alaska		y	y
21	E St. (Playa Vista)	Internal Roadway	Alla to Centinela 1 lane each way		y	y
22	Foothill Blvd (SR 30)	Widening	SR-66 (Foothill Blvd) to Williams Ave			y
23	Foothill Blvd (SR 30)	Widening	Williams Ave. to College Way			y
24	Foothill Blvd (SR 30)	Widening	College Way to Towne Ave			y
25	Foothill Blvd (SR 30)	Widening	Towne Ave to S.B. County Line			y
26	Imperial	@ I-105 WB on/off	Opposite Continental widen to inc. 2nd WB LT lane		y	y
27	Jefferson	4 lanes EB	Lincoln to Alla		y	y
28	Jefferson	4 lanes EB	Centinela to Mesner		y	y
29	La Cienega	1 add'l SB lane	Florence to Olive	y	y	y
30	Lincoln	Widen to 7 lanes, 4 NB 3 SB	La Tijera Blvd. to Hughes Terrace		y	y
31	Lincoln	4 lanes NB & 4 lanes SB	Hughes Terrace to Jefferson		y	y
32	Lincoln	4 lanes NB & 3 lanes SB	Jefferson to Ballona Creek Bridge			y
33	Lincoln	3 lanes NB & 2 lanes SB	Ballona Creek to Fiji		y	y
35	Lincoln/Culver	Grade-separated ramps	NW Quadrant--WB to SB and SB to WB			y
36	Lincoln/Culver	Grade-separated ramps	SE Quadrant--EB to NB and NB to EB		y	y
37	Manchester	WB 2 left turn lanes added	At Manchester and La Cienega Intersection	y	y	y
38	Manchester	1 reversible lane	I-405 to Prairie		y	y
39	Manchester	@ Lincoln	New EB right-turn lane	y	y	y
40	Nash	Convert to one-way SB	Imperial Highway to El Segundo	y	y	y

Table 2.3 (cont.)

## MODEL UPDATE INFORMATION - REGIONAL ROADWAY IMPROVEMENTS

No.	Street/Highway	Improvement	Limits	1996	2005	2015
41	Prarie	1 reversible lane	I-105 to 1/2 mile N. of Manchester		y	y
42	Rosecrans	6 to 8 lanes	1000 ft each direction from Aviation Blvd.		y	y
43	Rosecrans	6 to 8 lanes	From Aviation, east to I - 405 (Henry Ave.)			y
44	Sepulveda	Right and left turn lanes	At Rosecrans in all directions	y	y	y
45	Sepulveda	1 left turn to 2 left turn lanes	At Marine, Southbound	y	y	y
46	Sepulveda	SB to EB I-105	1 SB thru, 1 thru and right, 1 right turn only	y	y	y
47	Sepulveda	@ Manchester	NB and SB left-turn phasing	y	y	y
48	Tecole	3 lanes each way	Centinela to Lincoln			y
49	I-10	HOV	Baldwin Ave to I-605		y	y
50	I-10	HOV	Puente Ave to Citrus Ave		y	y
51	I-10	HOV	Citrus Ave to SR-57		y	y
52	I-10	HOV	SR-57 to S.B. County Line		y	y
53	I-10	HOV	I-605 to Puente Ave		y	y
54	I-10 / I-605	HOV to HOV Connectors	Interchange - Single linked Fwy.			y
55	I-105	New EB On-Ramp	Ramp and new conn. Rd. between Nash / Douglas	y	y	y
56	I-105	Widen WB off-ramp to 2 lanes	From Nash to Sepulveda		y	y
57	I-105 / I-605	HOV to HOV Connectors	interchange - Single linked Fwy.			y
58	I-110	HOV	SR-91 to Adams Blvd (open to MLK Jr.)	y	y	y
59	I-110	Widening Connectors	I-5		y	y
60	I-210	HOV	SR-134 to E. Sunflower	y	y	y
61	I-405	Widen SB Ramp (PM 22.5)	La Cienega Blvd.	y	y	y
62	I-405	HOV	Orange County Line to I-710		y	y
63	I-405	HOV	I-710 to I-110		y	y
64	I-405	HOV	I-110 to El Segundo	y	y	y
65	I-405	HOV	El Segundo to Century Blvd	y	y	y
66	I-405	HOV	Century Blvd to SR-90		y	y
67	I-405	HOV	SR-90 to I-10 (Wilshire)		y	y
68	I-405	HOV	US-101 to I-5	y	y	y
69	I-405	Interchange	Arbor Vitae--South half of interchange			y
70	I-405	HOV	SR-101 to Waterford SB only	y	y	y
71	I-405	HOV	I-10 to SR-101; NB; portion of remaining SB			y
72	I-5	HOV	SR-134 to SR-14		y	y
73	I-5	HOV	SR-134 to I-10			y
74	I-5	HOV	Orange County Line to I-605		y	y
75	I-5	HOV	I-605 to I-710			y
76	I-5 / I-405	HOV to HOV Connectors	Interchange		y	y
77	I-5 / SR-110	Widen Connection	Northern I-5 to/from Southern I-110		y	y
		Add S.B. lane	L.A. River to Hill St.			
78	I-5 / SR-14	HOV to HOV Connection	Interchange			y

Table 2.3 (cont.)

## MODEL UPDATE INFORMATION - REGIONAL ROADWAY IMPROVEMENTS

No.	Street/Highway	Improvement	Limits	1996	2005	2015
79	I-605	HOV	Orange County Line to South Street		y	y
80	I-605	HOV	South Street to N. of Telegraph		y	y
81	I-605	HOV	N. of Telegraph Rd to I-10		y	y
82	I-710	Gap Closure	Valley Blvd to SR-134 (Court Delay and No EIR)			y
83	SR-90 (Marina)	Restripe to 6 lanes	Centinela to Culver		y	y
84	SR-90 (Marina)	Total 3 EB lanes & 3 WB lanes	West of Culver to Mindanao		y	y
85	SR-90 (Marina)	Grade separation @ Culver	Second bridge to provide 3 lanes each way			y
86	SR-90 (Marina)	Grade separation @ Culver	First Grade sep./fwy. bridge w/ EB & WB on-off ramps. Provide 2 WB & 2EB lanes		y	y
87	SR - 90 (Marina)	Flyover Lincoln	Extend to connect to Wash. Blvd. via Admiralty Wy. add a new WB lane to Admiralty Wy. for conn.			y
88	SR-1	Add 2 MF Lanes	Marine Ave to Grand Ave (Widen from 6 to 8 lanes)		y	y
89	SR-118	HOV	Ventura County Line to I-5		y	y
90	SR-126	Widening	W of I-5 to Ventura County Line		y	y
91	SR-126	Widening	15th St to Lyons Ave		y	y
92	SR-134	HOV	US-101 / SR-170 to I-5	y	y	y
93	SR-134	HOV	SR-2 to I-210	y	y	y
94	SR-134	HOV	I-5 to SR-2	y	y	y
95	SR-138	Widening	Avenue T to 90th			y
96	SR-138	Widening	90th East to Longview			y
97	SR-14	HOV	I-5 to SR-126 (San Fernando Rd)		y	y
98	SR-14	HOV	SR-126 (San Fernando Rd) to Sand Canyon		y	y
99	SR-14	HOV	Sand Canyon to Escondido Canyon		y	y
100	SR-14	HOV	Escondido to Pearblossom		y	y
101	SR-14	HOV	Pearblossom to P-8		y	y
102	SR-170	HOV	US101 to I-5	y	y	y
103	SR-30	HOV	I-210 to Foothill			y
104	SR-30	Widening to Freeway	SR-66 (Foothill Blvd) to S.B. County Line		y	y
105	SR-57	HOV	Orange County to SR-60		y	y
106	SR-57 / SR-60	HOV to HOV Connectors	Interchange - Single linked Fwy.		y	y
107	SR-60	HOV	I-605 to Brea Canyon			y
108	SR-60	HOV	Brea Canyon to SR-57N		y	y
109	SR-60	HOV	SR-57N to S.B. County Line		y	y
110	SR-60 / SR-71C	Freeway Connector	SR-71 / Reservoir St - Single linked Fwy. No S/B 71 to W/B 60 & No N/B 71 to E/B 60		y	y
111	SR-60 / I-605	HOV to HOV Connectors	Interchange - Single linked Fwy.			y
112	US-101	Interchange	Valley Circle Drive		y	y
113	US-101	Interchange	Parkway Calabasas Rd	y	y	y

Source: Barton-Aschman Associates, Inc. - PTG (2000)

## FREEWAY AND HIGH-OCCUPANCY-VEHICLE (HOV) LANE IMPROVEMENTS

Freeway and HOV improvements include extension of the HOV lanes on I-405 from I-105 to I-10 by year 2005, and to US-101 in 2015. Other HOV improvements, as programmed in the State Transportation Improvement Program, are assumed throughout the region as well.

The existing 1996 and year 2005 assumption for the I-405 HOV lanes is that they will be open to all vehicles with two or more passengers (including the driver). By the year 2015, this is expected to change, and vehicles eligible for the I-405 HOV lanes between I-10 and I-110 will need three or more passengers. Caltrans' HOV Guidelines for Planning, Design and Operations (July, 1991) provides for a conversion from 2+ to 3+ when the number of vehicles on the HOV lane is causing congestion and where a 3+ requirement would not reduce the HOV volume too severely.

## LOCAL STREET IMPROVEMENTS

A substantial number of roadway improvements in and around Playa Vista, consistent with the transportation mitigation program for that project, are also assumed. Completion of the I-405/Arbor Vitae half-interchange (south portion only) is assumed by year 2005. Arbor Vitae will be widened to a four lane arterial between I-405 and Airport Boulevard by the year 2005.

As development continues in the primary study area and surrounding areas, new roadway and intersection improvements will be implemented to reduce the number of deficiencies. As an example, the City of Los Angeles collects development fees in the Coastal Transportation Corridor Specific Plan area which are used to implement transportation improvements. There are no existing commitments that specify exact fees or specific developer exacted improvements beyond those shown in **Table 2.3**.

It is anticipated that additional fees will be collected and other improvements will be implemented. Since the precise nature of these improvements cannot be determined at this time, no improvements beyond these shown in **Table 2.3** are assumed in this analysis.

## TRANSIT IMPROVEMENTS

Today, public transit services providing access to and from the LAX study area include Los Angeles County Metropolitan Transportation Authority (LACMTA), Torrance Transit, Santa Monica Municipal Bus Lines (SMMBL), and Culver City Municipal Bus Lines (CCMBL). LADOT also operates service in the LAX study area. In the future, it is expected that these operators will continue expand their transit service in terms of coverage and person-carrying capacity in the LAX Study Area to meet future ridership growth. **Table 2.4** shows anticipated transit expansion plans.

- ◆ **Metrorail Service** - LACMTA has identified service expansion and capacity expansion objectives for both the Metro Green and Blue Lines. As shown on the accompanying table, the year 2015 targets for capacity expansion are 30 percent for the Metro Green Line and 50 percent for the Metro Blue Line<sup>1</sup>. An extension, or a spur line of the Metro Green Line into LAX may be in the future if demand warrants such an extension.
- ◆ **LACMTA Bus Service** - Two different bus restructuring studies are underway in the LAX study area that will impact LACMTA's current route structure and will lead to the initiation of new innovative bus transit services such as new super limited stop service called Metro Rapid Bus and improved distribution and collection routes to/from Metro Green Line stations<sup>2</sup>. Based on the recommendations of the studies, certain LACMTA routes may be truncated and revert to municipal operators in the study area. The objective of the restructuring studies is to reallocate bus service to more optimal uses and only expand vehicle service hours in a limited/strategic manner. New bus transfer points are also being considered in the LAX study area.

<sup>1</sup> Projected capacity increases based on LACMTA service objectives for Metrorail System

<sup>2</sup> South Bay and Gateway Bus Restructuring Study and the Westside Bus Restructuring Study

Table 2.4

**ANTICIPATED EXPANSIONS OF TRANSIT SERVICES FOR YEARS 2005 AND 2015  
FOR THE LAX STUDY AREA**

**Metrorail Capacity Increases and Route Extensions**

Line	Added Capacity		Line Extensions
	Year 2005	Year 2015	
Metro Green Line	20%	30%	Possible Spur Line To LAX
Metro Blue Line	30%	50%	None Planned

**Bus Service Expansion and Modifications**

Operator	Improved Headway	New Service & Route Extensions	Improve Weekend Service	Span of Service
LACMTA	<ul style="list-style-type: none"> <li>♦ Selectively</li> <li>♦ In peak to meet demand</li> </ul>	<ul style="list-style-type: none"> <li>♦ LACMTA will add new Metro Rapid Bus Lines</li> </ul>	No Improvement Planned	None Planned
SMMBL	<ul style="list-style-type: none"> <li>♦ System wide as dictated by ridership growth</li> </ul>	<ul style="list-style-type: none"> <li>♦ SMMBL may extend routes or take over LACMTA routes if warranted</li> <li>♦ LACMTA routes may be truncated and taken over by other operators</li> </ul>	Selectively to meet demand	Selectively to meet demand
Culver City Transit	<ul style="list-style-type: none"> <li>♦ Line 6</li> <li>♦ Selectively on other Lines</li> </ul>	<ul style="list-style-type: none"> <li>♦ Extend route 3 to Playa Vista and ultimately to LAX</li> </ul>	Selectively to meet demand	Selectively to meet demand
Torrance Transit	<ul style="list-style-type: none"> <li>♦ System wide improvements</li> </ul>	<ul style="list-style-type: none"> <li>♦ Extend Line 8 to Aviation/I-105 Green Line Station</li> </ul>	Selectively to meet demand	Selectively to meet demand

Source: Barton-Aschman Associates, Inc. – PTG (1998)

- ♦ **Santa Monica Municipal Bus Lines (SMMBL)** - SMMBL has experienced a system wide passenger growth of 25 percent from FY93 to FY97 and expects to see further growth in the near future. The primary objective of SMMBL's Service Improvement Program is to improve headways and its span of service in the future to keep pace with expected growth in demand. If the recent trend in ridership growth continues to year 2005, SMMBL ridership would increase by an additional 50 percent, thereby creating the necessity for further improvements in head ways and a longer span of service throughout the day. SMMBL is also considering improvements to its weekend service.
- ♦ **Torrance Transit** - Torrance Transit has also experienced ridership growth that warrants a further expansion of its bus service in the coming years. In its Service Improvement Plans, Torrance Transit envisions extending its Line 8 to the Aviation Boulevard/I-105 Metro Green Line Station and, ultimately, to LAX.

- ♦ **Culver City Transit (CCMBL)** - CCMBL has nearly doubled its ridership over the last nine years from 2.4 million boardings in 1988 to 4.4. Million in 1997. With a very productive system average of 47 passenger boardings per vehicle service hour (VSH), CCMBL has only limited unused capacity to meet future growth demand and therefore has a plan to double its fleet size from 35 to 65 vehicles by year 2015. In terms of service expansion, CCMBL may take over certain LACMTA routes in Marina Del Rey and will extend its cross town Route (#3) from Fox Hills Mall to Playa Vista and, ultimately, to LAX. CCMBL also has plans to improve headways on its Route #6 and envisions the development of new routes to serve the LAX study area.
- ♦ **LAX Transit Center (Lot C)** - The four agencies that currently provide transit service to the LAX Transit Center located on 96th Street, between Sepulveda Boulevard and Airport Boulevard will increase the frequency of service to that center in the future. These agencies include LACMTA, SMMBL, CCMBL, and Torrance Transit.

LACMTA currently operates seven regular transit routes and two express routes (express route is identified by LACMTA as a bus route that has limited stops to the LAX Transit Center). CCMBL, SMMBL, and Torrance Transit each have one route serving the LAX Transit Center. Given the nature of current bus restructuring recommendations, service to the center may expand and certain LACMTA routes may be taken over by other operators.

Currently, typical weekday demands at the LAX Transit Center totals 4,599 boardings and 4,435 alightings. Many of these riders transfer to shuttles to and from the Central Terminal Area or other airport locations. A few riders transfer at this location to other public transit buses. By year 2015, passenger's activity at the Center is expected to more than double, even without the LAX Master Plan.

Today, direct shuttle service to all terminals within the LAX Central Terminal Area is primarily provided for air passengers and employees from the LAX Transit Center. As Metro Green Line ridership grows in the future, shuttle services between the LAX and the Metro Green Line Station at Aviation Boulevard/I-105 will carry an increasing number of passengers.

## 2.5 OBJECTIVES OF OFF-AIRPORT GROUND ACCESS PLAN

The off-airport ground access plan is designed to mitigate the transportation impacts of the Master Plan. It also provides transportation improvements to enhance airport access beyond those needed for mitigation.

### THRESHOLDS FOR DETERMINING SIGNIFICANT IMPACTS

For intersections, the current LADOT traffic impact study guidelines are used to determine a significant impact. An increase in the volume-to-capacity (V/C) ratio at an intersection is described as "significant" in accordance with **Table 2.5**.

Table 2.5

#### INTERSECTION IMPACT THRESHOLDS

Intersection Level of Service	Final Intersection V/C Ratio	Project-Related Increase in Intersection V/C
C	0.701 - 0.800	0.040 or greater
D	0.801 - 0.900	0.020 or greater
E,F	0.901 or greater	0.010 or greater

Source: MOU for the LAX Ground Access Element, LAWA/LADOT

For Street Links, a similarly scaled "significant" impact definition will be used, as follows in **Table 2-6**.

Table 2.6

## LINK IMPACT THRESHOLDS

Street Link Level of Service	Final Street Link V/C Ratio	Project-Related Increase in Street Link V/C
C	0.701 - 0.800	0.080 or greater
D	0.801 - 0.900	0.040 or greater
E,F	0.901 or greater	0.020 or greater

Source: MOU for the LAX Ground Access Element, LAWA/LADOT

A "tiered" approach has been taken toward identifying mitigation measures, which were considered in the following order: transit and transportation demand management (TDM) measures (where applicable) first, intersection improvements second, and finally roadway widening and/or new roadway facilities or an equivalent. In this Airport Master Plan analysis, exploring opportunities to connect to regional transit systems is one of the operating principles for the analysis. These measures are therefore, considered either as a part of Master Plan alternative description, or as a mitigation measure to be implemented regardless of the level of project impact. Although transit and TDM measures are considered as part of the mitigation picture in reducing vehicle trips, the intersection and roadway improvement strategies are relied on to be primary avenues for mitigation of project impacts.

Significant impacts on street links do not automatically require street widening or additional travel lanes as mitigation. Link impacts are generally indicative of intersection problems. Therefore if the resultant level of service (LOS)<sup>3</sup> remains at C, D, or E, then intersection improvement measures (or their equivalent) are considered the appropriate type of mitigation.

If the resultant LOS is F and the project impact increases the V/C ratio by greater than 0.05, mitigations may need to increase the overall capacity of the link. Appropriate mitigations are intersection improvements, added lanes, new/parallel facilities, or their equivalent. Consideration of street widening to the Community Plan designation may also be an appropriate consideration. Otherwise, if the resultant LOS is F and the project increases the V/C ratio by 0.05 or less, intersection measures (or their equivalent) are considered the appropriate type of mitigation, as described above.

This Master Plan transportation analysis goes beyond traditional transportation impact analyses in that it considers the Master Plan's impacts during the airport peak hour. This occurs between 11:00 a.m. and noon on a Friday during the busiest week of the year (in August). As described in the Memorandum of Understanding between Los Angeles World Airports and LADOT, airport peak hour impacts will be identified and mitigated wherever the total traffic volume during the airport peak hour exceeds volumes of the a.m. and p.m. commute peak hours.

For freeways and freeway ramps, criteria for identifying significant impacts are derived from the Congestion Management Program for Los Angeles County. A CMP transportation impact is identified whenever:

- ◆ The resulting (with project) level of service is F;
- ◆ The project causes an increase in the volume/capacity ratio of 0.02 or greater; and
- ◆ The number of trips added to the facility is 50 or more (total both directions) for arterial streets and ramps, and 150 or more (per direction) for freeways.

It should be noted that CMP impacts may not require mitigation. The CMP establishes procedures by which information pertaining to the impacted facility and potential mitigating measures is to be provided in the documentation of analysis.

<sup>3</sup> Level of service is an indicator of the amount of congestion on a roadway link or intersection. The LOS can range from A (V/C of 0.600 or below) reflecting free-flow conditions to F (V/C of 1.001 or above) reflecting breakdown conditions with delays and queuing caused by demand exceeding capacity. The standard for acceptable operating conditions in Los Angeles is typically LOS D (0.900 or below).

**CRITERIA FOR IDENTIFYING ADDITIONAL GROUND ACCESS IMPROVEMENTS**

Mitigation of impacts may meet the requirements of NEPA and CEQA, but may also leave some critical intersections near the airport in congested conditions. Thus, the goal of providing an efficient and effective multimodal ground access system may not be fully realized even after all Master Plan impacts are mitigated. For this reason additional criteria have been established to ensure that the off-airport ground access plan achieves the goal.

Intersections that are considered critical to airport access are evaluated to determine whether additional improvements are needed to ensure efficient and effective airport access. The measure of effectiveness for this determination is the intersection level of service. If the LOS is F during any of the peak hours analyzed, then strategies to improve the intersection are investigated. Recommendations to improve these critical intersections are developed where such improvements would not unreasonably disrupt the adjoining properties or neighborhoods.



### 3 CHARACTERISTICS OF AIRPORT ALTERNATIVES

Each Master Plan alternative includes the following roadway improvements, shown in **Figures 3-1** through **3-4**.

- ◆ A new I-405 Bypass Expressway, which begins just north of the I-405/Howard Hughes interchange and terminates at Arbor Vitae Street, just west of Aviation Boulevard (year 2015 only);
- ◆ An enhanced six-lane "Ring Road" with limited access running from Sepulveda Boulevard (year 2005) or from the terminus of the new I-405 Bypass Expressway (year 2015) along Arbor Vitae Street, Westchester Parkway, Pershing Drive, and Imperial Highway, terminating at Sepulveda Boulevard; and
- ◆ New HOV ramps connecting I-405 to I-105, providing convenient access from the I-405 HOV lanes to the new Ring Road (year 2015 only).

The Master Plan alternatives provide new terminals, which are accessed from the western end of the airport, along the Pershing Drive portion of the new Ring Road. The west terminals are partially completed in 2005, and fully completed in 2015. New parking and rental car facilities are provided along the Ring Road on the West Side to fully serve the west terminals.

At the eastern end, the existing Central Terminal Area is accessed the same way as it is today. Privately operated parking lots for airport passengers are assumed to continue to operate in the future.

New employee parking lots are provided in each Master Plan alternative, serving employees working in the passenger terminals as well as cargo and ancillary facilities. The locations of these lots are different in each Master Plan alternative.

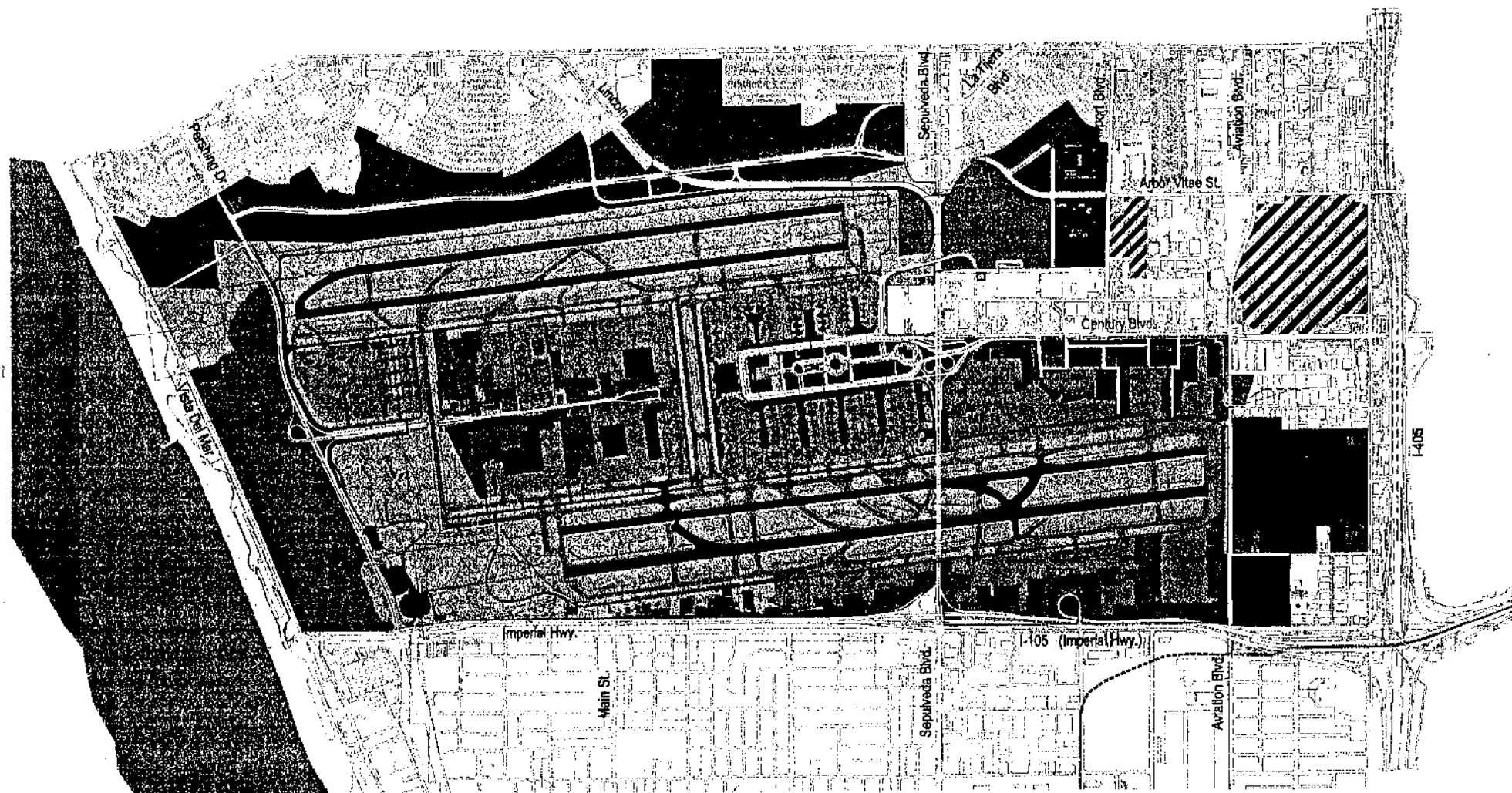
A "spine road" is provided connecting the east and west terminal areas. However, this roadway is not available to private vehicles, but is only available to commercial vehicles and internal airport vehicles. An Airport People Mover is also provided in each Master Plan alternative connecting east and west terminals, and extending to on-airport parking and rental car facilities.

Trip generation estimates of all Master Plan Alternatives are provided in **Table 3.1**. More detailed trip generation summaries are provided in **Attachment A**. The method of determining airport trip generation is described in the LAX Ground Access Model Calibration and Validation Report (September 30, 1998). Each alternative is discussed below.

As shown in **Table 3.1**, in the Alternatives A, B and C, airport-related trips increase, as expected, due to the increase in MAP (Million Annual Passengers) over the No Action/No Project alternative. However, due to the full build-out of other airport developments, the collateral trips are comparatively more in the no Action/No Project alternative, resulting in overall higher trip generation than Alternatives A, B and C.

The overall ground transportation benefits of the Master Planned Alternatives A, B and C are also revealed in **Table 3.1**. The Master Planned Alternatives reduce the overall vehicular trips associated with the Project. For example, in the PM Peak hour in year 2015, Alternative C results in a reduction of total vehicular project trips of 6,972 as compared to the No Action/No Project Alternative when airport passenger and cargo, collateral trips (i.e., trips from non-airport uses that are already entitled and the Airport has control) and trips eliminated due to land acquisition are all taken fully into account. As shown in the table, Alternative C in the PM Peak Hour in 2015 does generate a higher number of combined air passenger and cargo trips than the No Action/No Project Alternative, 23,287 versus 19,931. However, Alternative C has only 4,656 collateral trips versus 12,479 under the No Action/No Project Alternative and, in addition, eliminates another 2,505 vehicular trips due to land acquisition. These all contribute to the total vehicular trip reduction of 6,972 cited above.

The reduction in total Project trips cited above along with a corresponding reduction in total regional Vehicle Hours Traveled (VHT), the number of roadway lanes miles at level of service F, and overall speed improvements in traffic peaks, creates significant study area and regional traffic benefits which is the primary focus of the Caltrans and the Federal Highway Administration (FHWA), as they review Draft Environmental Impact Statements (DEIS). FHWA's regional traffic focus is based on their governing policies and procedures as laid out in FHWA Circular 6640.8A (Guidance for Preparing and Processing Environmental and Section F Documents), for a Federally sponsored environmental document. Caltrans' policy is to defer to FHWA policies and procedures.

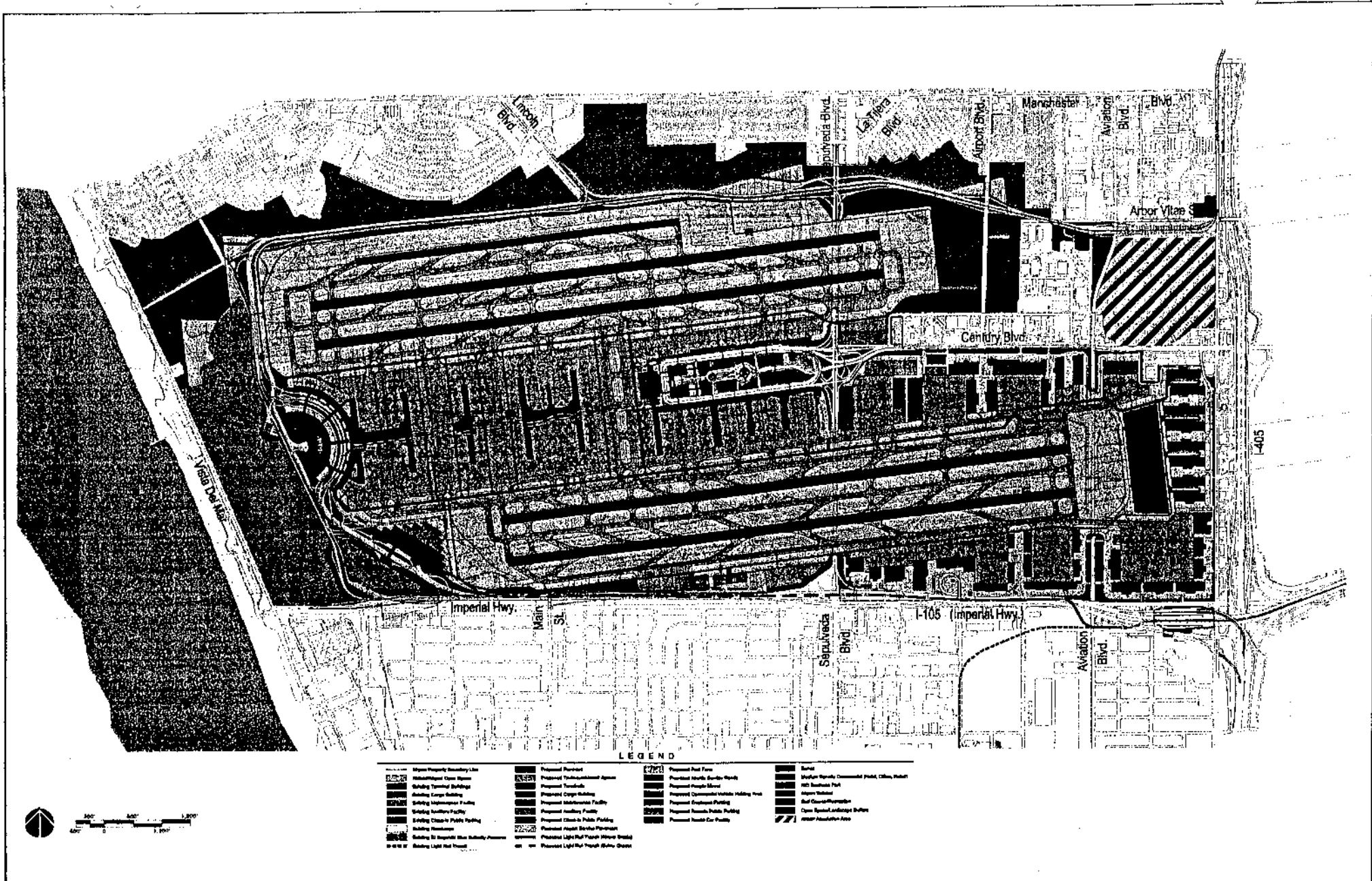


# LEGEND


Los Angeles International Airport  
Master Plan

NO MASTER PLAN SCENARIO (2005 & 2015)

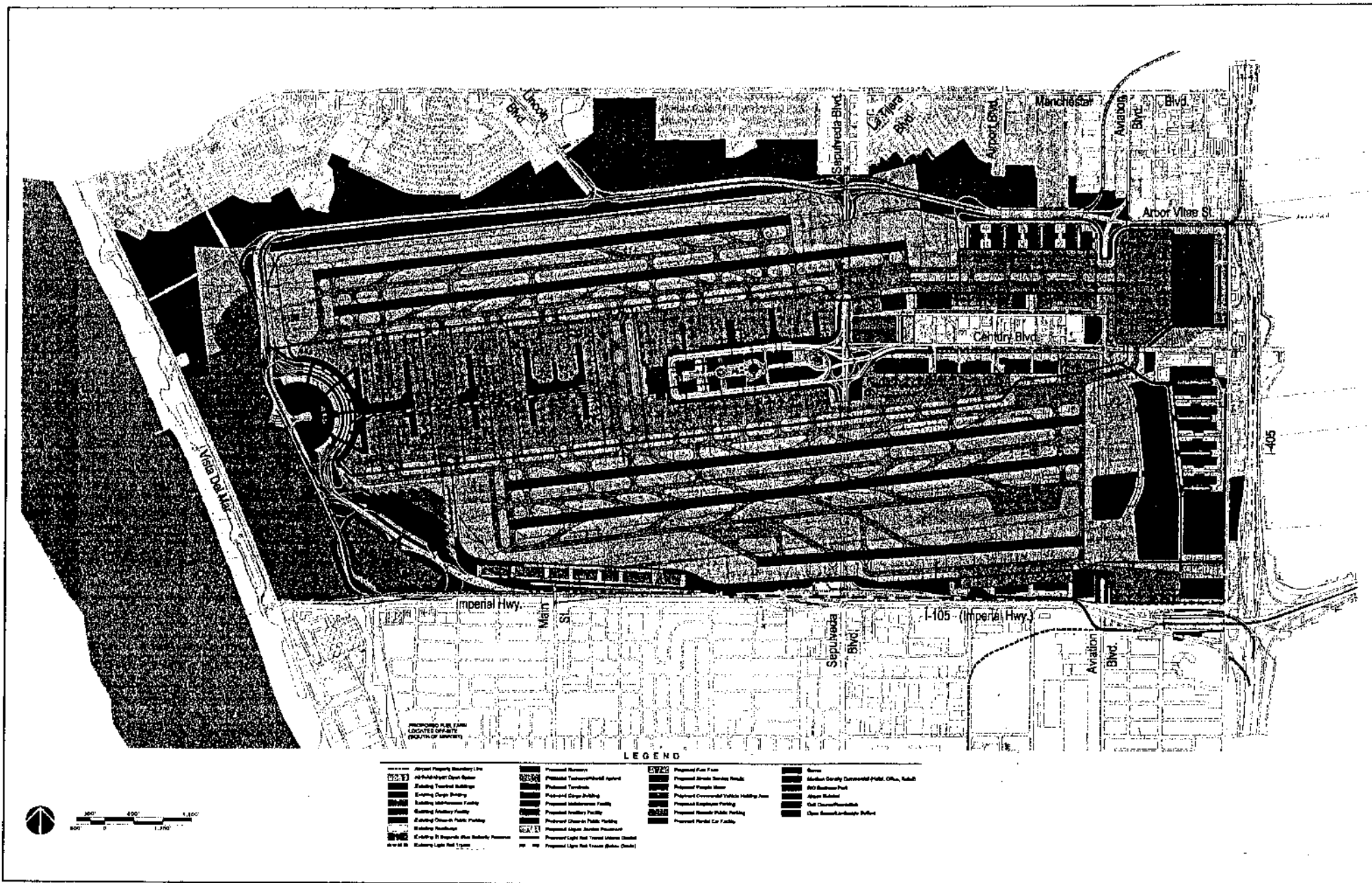
FIGURE  
3-1



Los Angeles International Airport  
Master Plan

2015 ALTERNATIVE A

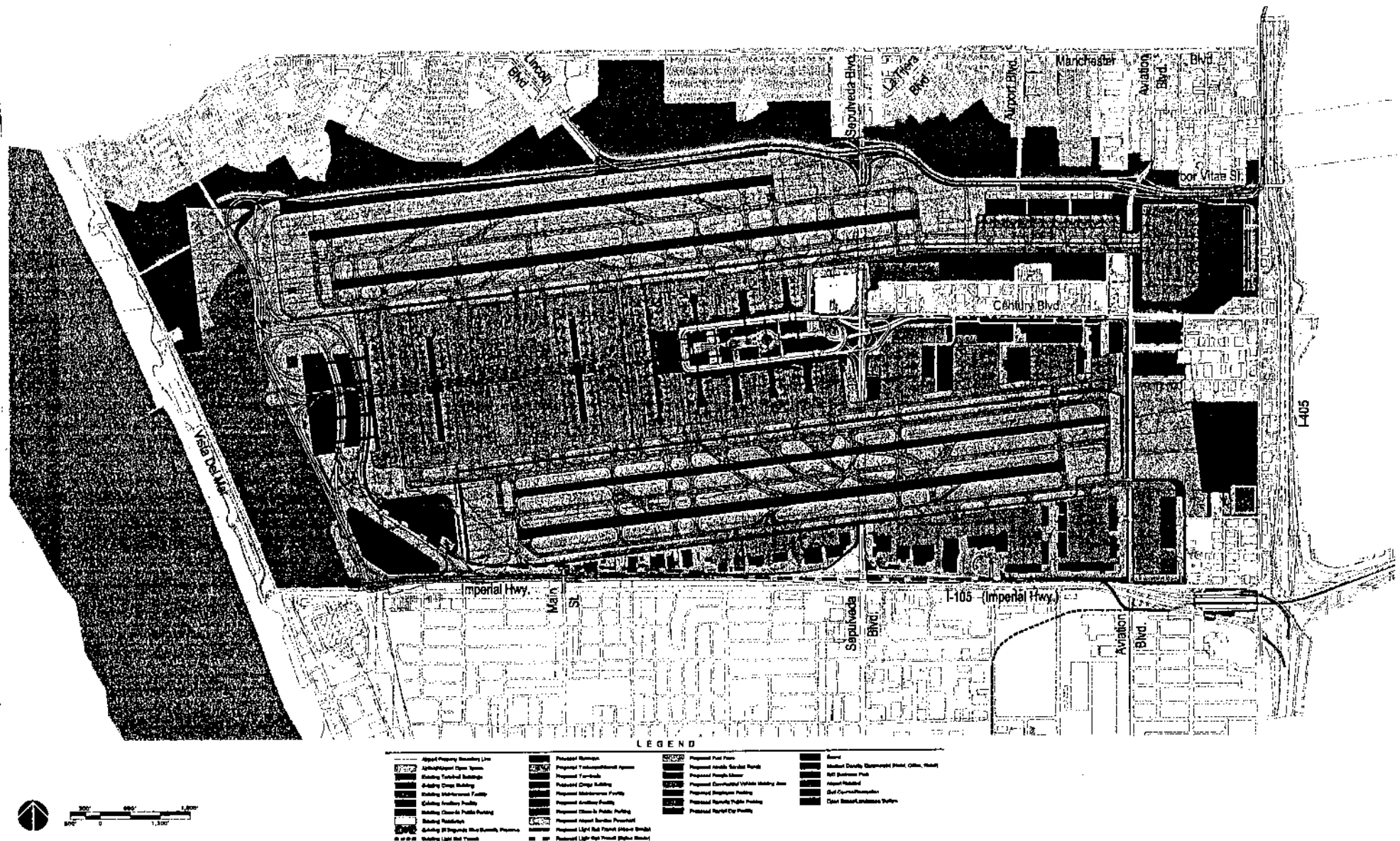
FIGURE  
3-2

Los Angeles International Airport  
Master Plan

2015 ALTERNATIVE B

**FIGURE 3-3**



Los Angeles International Airport  
Master Plan

2015 ALTERNATIVE C

**FIGURE**  
**3-4**

Table 3.1

TRIP GENERATION <sup>1/</sup> OF LAX MASTER PLAN ALTERNATIVES

Alternative/Category	AM Peak Hour			Airport Peak Hour			PM Peak Hour		
	In	OUT	Total	In	OUT	Total	In	OUT	Total
<b>1996</b>									
Passenger & Related Trips	5,205	4,324	9,529	8,502	7,639	16,141	4,452	6,174	10,626
Cargo/Ancillary Trips	2,455	1,570	4,025	1,906	1,560	3,466	1,734	1,968	3,702
Collateral Trips	0	0	0	0	0	0	0	0	0
Total Airport Trips	7,660	5,894	13,554	10,408	9,199	19,607	6,186	8,142	14,328
Trips Eliminated <sup>2/</sup>	0	0	0	0	0	0	0	0	0
Net Total Trips	7,660	5,894	13,554	10,408	9,199	19,607	6,186	8,142	14,328
<b>2005 Adjusted Environmental Baseline</b>									
Passenger & Related Trips	5,205	4,324	9,529	8,502	7,639	16,141	4,452	6,174	10,626
Cargo/Ancillary Trips	2,455	1,570	4,025	1,906	1,560	3,466	1,734	1,968	3,702
Collateral Trips	0	0	0	0	0	0	0	0	0
Total Airport Trips	7,660	5,894	13,554	10,408	9,199	19,607	6,186	8,142	14,328
Trips Eliminated <sup>2/</sup>	0	0	0	0	0	0	0	0	0
Net Total Trips	7,660	5,894	13,554	10,408	9,199	19,607	6,186	8,142	14,328
<b>2005 No Action/No Project Alternative Baseline</b>									
Passenger & Related Trips	6,072	5,597	11,669	9,817	8,868	18,685	5,541	7,361	12,902
Cargo/Ancillary Trips	3,793	2,727	6,520	2,984	2,557	5,541	2,618	3,043	5,661
Collateral Trips	5,316	940	6,256	1,113	923	2,036	1,371	4,923	6,294
Total Airport Trips	15,181	9,264	24,445	13,914	12,348	26,262	9,530	15,327	24,857
Trips Eliminated <sup>2/</sup>	0	0	0	0	0	0	0	0	0
Net Total Trips	15,181	9,264	24,445	13,914	12,348	26,262	9,530	15,327	24,857
<b>2005 Alternative A</b>									
Passenger & Related Trips	6,472	6,468	12,940	9,767	9,060	18,827	6,350	7,668	14,018
Cargo/Ancillary Trips	3,266	2,348	5,614	2,920	2,606	5,526	2,198	2,606	4,804
Collateral Trips	2,793	844	3,637	878	671	1,549	1,022	2,429	3,451
Total Airport Trips	12,531	9,660	22,191	13,565	12,337	25,902	9,570	12,703	22,273
Trips Eliminated <sup>2/</sup>	-2,117	-414	-2,531	-967	-603	-1,570	-932	-1,451	-2,383
Net Total Trips	10,414	9,246	19,660	12,598	11,734	24,332	8,638	11,252	19,890
<b>2005 Alternative B</b>									
Passenger & Related Trips	6,095	6,141	12,236	9,217	8,686	17,903	6,120	7,280	13,400
Cargo/Ancillary Trips	3,266	2,348	5,614	2,920	2,606	5,526	2,198	2,606	4,804
Collateral Trips	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Total Airport Trips	12,512	9,260	21,772	13,325	12,203	25,528	9,700	12,927	22,627
Trips Eliminated <sup>2/</sup>	-2,264	-431	-2,695	-1,044	-646	-1,690	-932	-1,451	-2,383
Net Total Trips	10,248	8,829	19,077	12,281	11,557	23,838	8,768	11,476	20,244

Table 3.1 (cont.)

TRIP GENERATION <sup>1/</sup> OF LAX MASTER PLAN ALTERNATIVES

Alternative/Category	AM Peak Hour			Airport Peak Hour			PM Peak Hour		
	In	OUT	Total	In	OUT	Total	In	OUT	Total
2005 Alternative C									
Passenger & Related Trips	6,068	5,800	11,868	9,221	8,535	17,756	6,020	7,017	13,037
Cargo/Ancillary Trips	2,156	1,595	3,752	1,948	1,752	3,699	1,583	1,716	3,298
Collateral Trips	1,923	470	2,393	763	594	1,357	889	1,900	2,789
Total Airport Trips	10,147	7,865	18,013	11,932	10,881	22,812	8,492	10,633	19,124
Trips Eliminated <sup>2/</sup>	0	0	0	0	0	0	0	0	0
Net Total Trips	10,147	7,865	18,013	11,932	10,881	22,812	8,492	10,633	19,124
2015 Adjusted Environmental Baseline									
Passenger & Related Trips	5,205	4,324	9,529	8,502	7,639	16,141	4,452	6,174	10,626
Cargo/Ancillary Trips	2,455	1,570	4,025	1,906	1,560	3,466	1,734	1,968	3,702
Collateral Trips	0	0	0	0	0	0	0	0	0
Total Airport Trips	7,660	5,894	13,554	10,408	9,199	19,607	6,186	8,142	14,328
Trips Eliminated <sup>2/</sup>	0	0	0	0	0	0	0	0	0
Net Total Trips	7,660	5,894	13,554	10,408	9,199	19,607	6,186	8,142	14,328
2015 No Action/No Project Alternative Baseline									
Passenger & Related Trips	6,947	6,158	13,105	9,696	8,600	18,296	6,185	8,085	14,270
Cargo/Ancillary Trips	3,793	2,727	6,520	2,984	2,557	5,541	2,618	3,043	5,661
Collateral Trips	10,645	1,895	12,540	2,182	1,802	3,984	2,689	9,790	12,479
Total Airport Trips	21,385	10,780	32,165	14,862	12,959	27,821	11,492	20,918	32,410
Trips Eliminated <sup>2/</sup>	0	0	0	0	0	0	0	0	0
Net Total Trips	21,385	10,780	32,165	14,862	12,959	27,821	11,492	20,918	32,410
2015 Alternative A									
Passenger & Related Trips	8,229	6,958	15,187	12,270	11,908	24,178	8,475	9,668	18,143
Cargo/Ancillary Trips	4,280	3,139	7,419	3,743	3,408	7,151	2,977	3,213	6,190
Collateral Trips	3,444	912	4,356	1,343	1,066	2,409	1,575	3,285	4,860
Total Airport Trips	15,953	11,009	26,962	17,356	16,382	33,738	13,027	16,166	29,193
Trips Eliminated <sup>2/</sup>	-2,170	-420	-2,590	-984	-624	-1,608	-926	-1,447	-2,373
Net Total Trips	13,783	10,589	24,372	16,372	15,758	32,130	12,101	14,719	26,820
2015 Alternative B									
Passenger & Related Trips	7,981	6,978	14,959	11,910	11,789	23,699	8,439	9,581	18,020
Cargo/Ancillary Trips	4,280	3,139	7,419	3,743	3,408	7,151	2,977	3,213	6,190
Collateral Trips	3,297	837	4,134	1,269	992	2,261	1,483	3,173	4,656
Total Airport Trips	15,558	10,954	26,512	16,922	16,189	33,111	12,899	15,967	28,866
Trips Eliminated <sup>2/</sup>	-2,304	-437	-2,741	-1,039	-654	-1,693	-977	-1,528	-2,505
Net Total Trips	13,254	10,517	23,771	15,883	15,535	31,418	11,922	14,439	26,361

Table 3.1 (cont.)

TRIP GENERATION <sup>1/</sup> OF LAX MASTER PLAN ALTERNATIVES

<u>Alternative/Category</u>	<u>AM Peak Hour</u>			<u>Airport Peak Hour</u>			<u>PM Peak Hour</u>		
	<u>In</u>	<u>OUT</u>	<u>Total</u>	<u>In</u>	<u>OUT</u>	<u>Total</u>	<u>In</u>	<u>OUT</u>	<u>Total</u>
2015 Alternative C									
Passenger & Related Trips	8,388	7,758	16,146	11,356	11,137	22,493	7,334	9,763	17,097
Cargo/Ancillary Trips	4,280	3,139	7,419	3,743	3,408	7,151	2,977	3,213	6,190
Collateral Trips	3,297	837	4,134	1,269	992	2,261	1,483	3,173	4,656
Total Airport Trips	15,965	11,734	27,699	16,368	15,537	31,905	11,794	16,149	27,943
Trips Eliminated <sup>2/</sup>	-2,304	-435	-2,739	-1,039	-654	-1,693	-977	-1,528	-2,505
Net Total Trips	13,661	11,299	24,960	15,329	14,883	30,212	10,817	14,621	25,438

Source: Barton-Aschman Associates, Inc. - PTG (2000).

1/ Estimates are in vehicle trips - trips between two airport locations (such as parking shuttles) are counted only once.

2/ Some non-airport trips are eliminated by land acquisition.



### 3.1 ADJUSTED ENVIRONMENTAL BASELINE TRIP GENERATION

The adjusted environmental baseline represents existing 1996 airport conditions plus increased future off-airport conditions. The existing 1996 airport facilities are assumed to remain the same. However, existing residential land uses at Manchester Square is removed.

### 3.2 NO ACTION/NO PROJECT ALTERNATIVE TRIP GENERATION

This alternative baseline assumes no project conditions, but includes existing airport facilities plus additional projects that are consistent with current plans, policies or programs and do not require FAA approval. The Manchester Square is assumed to remain vacant as in the Adjusted Environmental baseline, but development at LAX Northside and Westchester Southside is assumed. While there are no capital improvements, vehicle trips by airport passengers, employees and cargo activities will increase due to substantial development in LAX Northside and Westchester Southside. As a result, trip generation, and cargo activity increase in response to market conditions. The No Action/No Project alternative also includes increases over 1996 existing conditions. Airport-related travel (vehicle trips) in year 2005 will increase by 34 percent in the a.m. peak hour, 30 percent in the p.m. peak hour, and 24 percent in the airport peak hour. When the collateral development at LAX Northside and Westchester Southside are added, however, the year 2005 trip generation increases rise to 80 percent in the a.m. peak hour, 74 percent in the p.m. peak hour, and 34 percent in the airport peak hour.

In year 2015, airport-related travel increases by 45 percent in the a.m. peak hour, 39 percent in the p.m. peak hour, and 22 percent in the airport peak hour. Adding collateral development at LAX Northside and Westchester Southside raise these increases to 137 percent in the a.m. peak hour, 126 percent in the p.m. peak hour, and 42 percent in the airport peak hour.

### 3.3 ALTERNATIVE A TRIP GENERATION

Alternative A includes the following changes from the two baseline alternatives:

- ◆ Trip generation for airport-related activities are increased due to additional aircraft operations;
- ◆ Collateral development at Manchester Square and Westchester Southside will occur, and no collateral development is assumed at Continental City and LAX Northside; and
- ◆ Due to the acquisition of additional land, some existing non-airport trips are eliminated.

As a result of these changes, trip generation compared to the No Action/No Project alternative is reduced during the a.m. and p.m. peak hours in both years 2005 and 2015. Trip generation is increased during the airport peak hour.

In year 2005, the net trip generation of the airport (vehicle trips) compared to the No Action/No Project alternative (including collateral development and adjusting for trips eliminated due to land acquisition) is reduced by 20 percent in the a.m. peak hour, reduced by 20 percent in the p.m. peak hour, and increased by 7 percent in the airport peak hour. In year 2015, the net trip generation of the airport is reduced by 24 percent in the a.m. peak hour, reduced by 17 percent in the p.m. peak hour, and increased by 15 percent in the airport peak hour.

### 3.4 ALTERNATIVE B TRIP GENERATION

Alternative B includes the same changes as in Alternative A plus development at Westchester Southside. Locations of parking lots and cargo/ancillary areas are also somewhat different. As in the previous alternative, trip generation compared to the No Action/No Project alternative is reduced during the a.m. and p.m. peak hours in both years 2005 and 2015. Trip generation is increased during the 2015 airport peak hour.

In year 2005, the net trip generation of the airport (vehicle trips) compared to the No Action/No Project alternative (including collateral development and adjusting for trips eliminated due to land acquisition) is reduced by 22 percent in the a.m. peak hour, reduced by 19 percent in the p.m. peak hour, and reduced by 9 percent in the airport peak hour. In year 2015, the net trip generation of the airport is reduced by 26 percent in the a.m. peak hour, reduced by 19 percent in the p.m. peak hour, and increased by 13 percent in the airport peak hour.

### 3.5 ALTERNATIVE C TRIP GENERATION

Alternative C includes the same changes as in Alternative B, but in different amounts. Locations of parking lots and cargo/ancillary areas are also somewhat different. As in the previous alternatives, trip generation compared to the No Action/No Project alternative is reduced during the a.m. and p.m. peak hours in both years 2005 and 2015. Trip generation is increased during the 2015 airport peak hours.

In year 2005, the net trip generation of the airport (vehicle trips) compared to the No Action/No Project alternative (including collateral development and adjusting for trips eliminated due to land acquisition) is reduced by 26 percent in the a.m. peak hour, reduced by 23 percent in the p.m. peak hour, and reduced by 13 percent in the airport peak hour. In year 2015, the net trip generation of the airport is reduced by 22 percent in the a.m. peak hour, reduced by 22 percent in the p.m. peak hour, and increased by 9 percent in the airport peak hour.

### 3.6 GEOGRAPHIC DISTRIBUTION OF AIRPORT TRIPS

Geographic distribution of airport trips was determined during the development and calibration of the LAX Ground Access Model. Attachment B shows the distributions of passenger, employee, cargo/ancillary, and collateral trips.

The distribution of existing airport passenger trips was determined from passenger surveys. For future years, the distribution was modified based on changes in population and employment around the region. The distribution of existing employee trips was determined from employee surveys taken as a part of employer trip reduction programs (previously mandated under Regulation XV by the South Coast Air Quality Management District). Future employee distributions were modified based on changes in population. The distribution of existing cargo and ancillary trips were determined from interviews with cargo carriers serving the airport. These distributions were not modified for the future scenarios. Distributions of collateral trips (LAX Northside, Westchester Southside and Continental City) were taken directly from the trip distribution module of the LAX Ground Access Model. This module is a "gravity model" distribution module patterned after the SCAG and Los Angeles Citywide Framework models.

## 4 FUTURE CONDITIONS AND PROJECT IMPACTS

### 4.1 FUTURE CONDITIONS WITH RTP BACKGROUND ASSUMPTIONS

This section describes future conditions under the No Action/No Project and Adjusted Environmental baseline alternatives, with RTP background assumptions. Impacts of the three Master Plan alternatives are also identified, comparing the alternatives to the No Action/No Project Alternative as well as to the Adjusted Environmental baseline. Tables showing levels of service for intersections, street links, freeways, and freeway ramps are shown in **Attachment C**. Detailed intersection level of service calculation sheets are provided in **Attachment H**.

#### ADJUSTED ENVIRONMENTAL AND NO ACTION/NO PROJECT BASELINES

As shown in **Table 4.1**, substantial increases in traffic volumes are anticipated in the future. The number of facilities that will be deficient<sup>1/</sup> during at least one peak hour, as shown below, increases from 29 in 1996 to 36 in year 2005 and 55 in year 2015 for the No Action/No Project alternative. The increases for the Adjusted Environmental baseline alternative are slightly lower.

Table 4.1

#### EXISTING AND FUTURE TRANSPORTATION DEFICIENCIES<sup>1/</sup> RTP BACKGROUND ASSUMPTIONS

	1996	2005 Adjusted Environmental	2005 No Action/No Project	2015 Adjusted Environmental	2015 No Action/No Project
Deficient Intersections	18	24	28	34	40
Deficient Street Links	6	2	4	8	9
Deficient Freeway Segments	3	2	2	4	4
Deficient Freeway Ramps	2	1	2	1	2
Total Deficient Facilities	29	29	36	47	55

Source: Barton-Aschman Associates, Inc. – PTG (2000)

#### IMPACTS OF MASTER PLAN ALTERNATIVES

While trip generation is not dramatically changed by the Master Plan alternatives, substantial shifts in the locations and directionality of trips occurs, causing some significant impacts (as defined in Section 2.5) and volume reductions. Significant impacts of the three Master Plan alternatives are shown below in **Table 4.2** and **Table 4.3**.

Table 4.2

#### MASTER PLAN IMPACTS ON SURFACE STREETS, FREEWAYS AND INTERSECTIONS VS. ADJUSTED ENVIRONMENTAL BASELINE : RTP BACKGROUND ASSUMPTIONS

	2005 Alt A	2005 Alt B	2005 Alt C	2005 NA/NP	2015 Alt A	2015 Alt B	2015 Alt C	2015 NA/NP
Impacted Intersections	27	25	22	37	33	29	29	49
Impacted Street Links	3	2	2	5	8	5	8	12
Impacted Freeway Segments	4	4	4	4	4	4	4	3
Impacted Freeway Ramps	1	1	1	2	0	1	0	3
Total Impacts	35	32	29	50	45	39	41	67

Source: Barton-Aschman Associates, Inc. – PTG (2000)

<sup>1/</sup> An intersection or surface street is deficient (City of Los Angeles Department of Transportation standard) if its level of service is E or F. A freeway or freeway ramp is deficient (Los Angeles County Congestion Management Program standard) if its level of service is F.

Table 4.3

**MASTER PLAN IMPACTS ON SURFACE STREETS, FREEWAYS AND INTERSECTIONS  
VS. NO ACTION/NO PROJECT BASELINE : RTP BACKGROUND ASSUMPTIONS**

	2005 Alt A	2005 Alt B	2005 Alt C	2015 Alt A	2015 Alt B	2015 Alt C
Impacted Intersections	22	18	20	19	20	17
Impacted Street Links	1	2	2	6	2	5
Impacted Freeway Segments	3	3	4	4	3	3
Impacted Freeway Ramps	1	1	1	0	1	0
Total Impacts	27	24	27	29	26	25

Source: Barton-Aschman Associates, Inc. – PTG (2000)

Locations of these impacts are shown in **Attachment D**, together with tables showing the amount of impact at each location. Impacts to freeways and ramps are discussed in detail later in the section on CMP Transportation Impact Analysis.

## 4.2 FUTURE CONDITIONS WITH FRAMEWORK BACKGROUND ASSUMPTIONS

This section describes future conditions under the Adjusted Environmental baseline conditions, with Framework background assumptions. Impacts of the preferred Master Plan alternative (Alternative C) are also shown, comparing the alternative to the Adjusted Environmental baseline. Tables showing future levels of service for intersections, street links, freeways, and freeway ramps are shown in **Attachment D**. Detailed intersection level of service calculation sheets are provided in **Attachment F**.

### ADJUSTED ENVIRONMENTAL BASELINE

Anticipated increases in traffic volumes are similar under the Framework background assumptions. As **Table 4.4** shows, the number of deficient (LOS of E or F) intersections increases from 29 in 1996 to 31 in year 2005 and 50 in year 2015 for the Adjusted Environmental baseline.

Table 4.4

**EXISTING AND FUTURE TRANSPORTATION DEFICIENCIES  
FRAMEWORK BACKGROUND ASSUMPTIONS**

	1996	2005 Adjusted Environmental	2015 Adjusted Environmental
Deficient Intersections	18	25	35
Deficient Street Links	6	3	10
Deficient Freeway Segments	3	2	4
Deficient Freeway Ramps	2	1	1
Total Deficient Facilities	29	31	50

Source: Barton-Aschman Associates, Inc. – PTG (2000)

### IMPACTS OF PREFERRED MASTER PLAN ALTERNATIVE

While trip generation is not dramatically changed by the preferred Master Plan alternative (Alternative C), substantial shifts in the locations and directionality of trips occurs, causing some significant impacts and some substantial volume reductions. Significant impacts of the preferred Master Plan alternative are shown below in **Table 4.5**.

Table 4.5

**MASTER PLAN IMPACTS ON SURFACE STREETS, FREEWAYS AND INTERSECTIONS  
VS. ADJUSTED ENVIRONMENTAL BASELINE : FRAMEWORK BACKGROUND ASSUMPTIONS**

	<b>2005 Alt C</b>	<b>2015 Alt C</b>
Impacted Intersections	27	25
Impacted Street Links	4	8
Impacted Freeway Segments	4	4
Impacted Freeway Ramps	1	0
Total Impacts	36	37

Source: Barton-Aschman Associates, Inc. – PTG (2000)

Locations of these impacts are shown in **Attachment E**, together with tables showing the amount of impact at each location. Impacts to freeways and ramps are discussed in detail later in the section on CMP Transportation Impact Analysis.

### 4.3 STUDY AREA AND REGIONAL TRANSPORTATION BENEFITS

As mentioned in the previous chapter, the transportation facilities being added for the Master Plan Alternatives (A, B & C) result in a variety of overall transportation system improvements that can be measured in vehicular trip reductions, reductions in vehicle hours of travel (VHT) in the region, reductions in the number of lane-miles of roadway at LOS F in the traffic peaks, and corresponding improvements in peak traffic speeds. All of these measures (along with information from the Congestion Management Program (CMP) analysis presented later in this report in Chapter 6) demonstrate that the Project Alternatives achieve the requirements specified in the Federal Highway Administration's (FHWA's) Circular 6640.8A (Guidance for Preparing and Processing Environmental and Section 4-f Documents) for an Environmental Impact Statement (EIS). Caltrans' policy follows the FHWA policies and procedures that are outlined in the Circular for Federal Environmental Documents.

**Table 4-6** displays two areas of traffic benefit for the three Project Alternatives versus the No Action/No Project Alternative. As shown, the addition of the LAX Expressway and the Ring Road around the LAX Airport creates improvements in peak speeds and result in a reduction in the number of roadway lane miles that are at LOS F for both the AM and PM Peak hours of travel. For the AM peak hour, the average operating speed for study area roadways (arterials and freeways combined) was 29.2 miles per hour. Under the three Master Plan Alternatives (A, B & C), average vehicular speeds in the AM peak hour improve to 30.4, 30.7 and 30.6 respectively. The reductions in roadway lane miles at LOS F versus the No Action/No Project Alternatives is estimated to be 151.4 lane miles. The greatest improvements occur in the PM peak hour for the three Master Plan Alternatives. Alternatives A, B & C achieve reductions to 140.1, 137.9 and 135.1 lane miles at LOS F, respectively.

Another key measure of the area-wide traffic benefits of the Project roadways included in the Master Plan Alternatives is reductions in peak vehicle hours of travel (VHT). As shown in **Table 4-7**, each of the three Master Plan Alternatives are forecast to have significant reductions in VHT for both the AM and PM peak traffic hours in year 2015. As shown, Alternatives A, B & C achieve 19,335, 18,632, and 19,304, respectively in AM peak VHT on study area roadways versus 22,511 for the No Action/No Project Alternative.

In terms of vehicle miles of travel (VMT), there is little change for the Master Plan Alternatives A, B & C versus the No Action/No Project. As described earlier, the Master Plan Alternatives do reduce overall Project trips. However, airport categories of trips (air passenger and cargo) increase for these alternatives. Since these categories of trips generally have longer average trip lengths than the collateral trips that are being eliminated, overall VMT generally remains at the same level for the three Master Plan Alternatives versus the No Action/No Project Alternative in year 2015.

Table 4.6

**STUDY AREA TRAFFIC BENEFITS OF LAX MASTER PLAN ALTERNATIVES  
A, B & C IN YEAR 2015**

	No Action/No Project Alternative	Alternative A	Alternative B	Alternative C
<b>Average Speed (MPH) on Freeways</b>				
AM Peak Hour	29.2	30.4	30.7	30.6
PM Peak Hour	27.3	28.0	28.1	28.1

**Freeway and Arterial Lanes Miles at Level of Service F**

AM Peak Hours	121.3	120.1	107.3	112.7
PM Peak Hours	151.4	140.1	137.9	135.1

Source: Barton Aschman Associates, Inc. - PTG (2000)

Table 4.7

**STUDY AREA (TIER 1) REDUCTIONS IN PEAK VEHICLE HOURS OF TRAVEL (VHT) FOR LAX  
MASTER PLAN ALTERNATIVES A, B, & C IN YEAR 2015**

Time Period	No Action/No Project Alternative	Alternative A	Alternative B	Alternative C
AM Peak Hour	22,511	19,335	18,632	19,304
PM Peak Hour	24,478	22,460	22,070	22,247

Source: Barton Aschman Associates, Inc. - PTG (2000)

## 5 OFF-AIRPORT GROUND ACCESS PLAN

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The Off-Airport Ground Access Plan consists of the following components:

- ◆ Improvements which are essential elements in the definition of Master Plan alternatives;
- ◆ Transit improvements;
- ◆ Neighborhood Traffic Management measures; and
- ◆ Measures to mitigate Master Plan transportation impacts, plus additional improvements to enhance airport access and egress.

Mitigation plans for Year 2005 and 2015 were developed for each alternative using first the Adjusted Environmental baseline (per CEQA requirement), and then the No Action/No project Alternative baseline (per NEPA requirement).

Ground access plans for years 2005 and 2015 are described below for each alternative.

### 5.1 YEAR 2005 GROUND ACCESS PLAN

#### ESSENTIAL ELEMENTS OF MASTER PLAN ALTERNATIVE DEFINITION

In each of the three Master Plan alternatives, a number of roadway improvements are provided by year 2005 as a part of the alternative definition. The same improvements are included in each alternative. They include the following:

- ◆ A new Ring Road - a six-lane divided, limited access highway beginning at the Sepulveda Boulevard/Westchester Parkway intersection, running along Westchester Parkway, Pershing Drive, and Imperial Highway to its terminus at the intersection of Imperial and Sepulveda;
- ◆ Removal of Lincoln Boulevard between Westchester Parkway and Sepulveda Boulevard (this section of roadway is eliminated by Master Plan runway design, and is replaced by the Ring Road);
- ◆ Replacement of Imperial Highway with the new Ring Road from Sepulveda Boulevard west; and
- ◆ Westchester Parkway and Pershing Drive are replaced in their entirety by the new Ring Road, with certain turning movements restricted at the connection of Pershing Drive with the Ring Road, and at the Pershing Drive/Imperial Highway intersection. These restrictions prohibit trips from Vista del Mar from using the north-south (Pershing Drive) portion of the Ring Road, while allowing east-west travel to and from Vista del Mar.

#### TRANSIT IMPROVEMENTS

Recommended transit improvements for year 2005 are the same for all three Master Plan alternatives. They are as follows.

- ◆ Relocation of Airport LAX Transit Center  
In each of the Master Plan alternatives, runway design eliminates the LAX Transit Center which is currently located near Lot C. This center is an important facility, providing transit access to LAX, and also serving as a major transfer center for regional bus service to the surrounding communities. The LAX Transit Center will be relocated to a site on airport property that will be chosen to minimize impacts and maximize the utility of the Center. Because of planned increases in transit service over time, the new LAX Transit center will need to be larger than the current center. A total of 20 bus bays are recommended for the new LAX Transit Center.
- ◆ Green Line Shuttle Bus  
An extension of the Metro Green Line is not anticipated to be completed until after year 2005. Therefore, as an interim measure, connections between the existing Green Line station at Imperial Highway near Aviation Boulevard and LAX will need to be maintained. As headways increase for the Green Line, comparable increases will be needed for the shuttles.
- ◆ Remote Parking Connected by Flyaway Shuttles  
Opportunities to use flyaway shuttles from remote parking lots will become more important as demand for the airport continues to increase. Following the example of the Van Nuys Flyaway, additional remote parking lots are recommended. These should be located in areas with high airport demand. By year

2005, a second remote lot in the San Fernando Valley is recommended, and a new remote parking lot is also recommended in Orange County.

In order to avoid under-estimating Master Plan impacts on the surrounding transportation systems, the trip reduction benefits of the transit improvements identified above are intentionally held to a small amount. For airport passengers, the transit percentage increases from one percent in 1996 to 1.5 percent in year 2005. For airport employees, the "Average Vehicle Ridership" (AVR), or the average number of persons per vehicle making commute trips increases from 1.36 in 1996 to 1.40 in year 2005. Actual benefits of these transit improvements will most likely be greater.

## NEIGHBORHOOD TRAFFIC MANAGEMENT MEASURES

Protecting neighborhoods is one of the four principles guiding this transportation analysis. A neighborhood traffic management program will be implemented shortly following approval of this Master Plan, designed to assist specific neighborhoods in implementing measures to protect their residential streets from intrusion of airport-related traffic and their other airport related impacts. Separate communities will be identified, and separate neighborhood traffic management programs will be initiated for each community.

The primary intent and function of residential streets is to serve the land that abuts them. They provide access to the homes and their visitors, including those who provide delivery/collector services. In some cases, these streets are becoming shortcuts and detours for commuters (such as going around a residential block because of a left-turn prohibition on an adjacent arterial) or outlets for overflowing traffic from congested arterials. The following discussion presents various issues that will need to be addressed for a successful implementation of a neighborhood traffic management plan.

### ◆ General Process

An effective neighborhood traffic management plan can only be implemented on a neighborhood-wide basis involving all affected parties including planners, traffic engineers, neighborhood residents and Council's representatives. Frequently, implementing neighborhood traffic controls on one street would cause intruding traffic and spillover parking to shift to other parallel residential streets. Then similar problems would occur on those streets.

For each neighborhood, a series of neighborhood outreach meetings will be held to identify and discuss existing and anticipated future "cut-through" traffic and spillover parking from adjacent commercial districts. Through these neighborhood/community meetings (attended by individual homeowners or by representatives from a group within the community, the respective Council offices and the Los Angeles Department of Transportation), strategies and programs will be developed to minimize unwanted traffic and parking using residential streets. These meetings will also provide better-defined goals and objectives of the Neighborhood Traffic Management plan, attain agreement by all affected parties on the boundary of a study area, and provide a better understanding on effectiveness of the proposed mitigation measures to minimize "cut-through" traffic and other impacts. Availability of funding to pay for implementation of programs and other concerns that are expected to surface during the study period will be discussed in the meetings.

### ◆ Problem Areas

The Department of Transportation (LADOT), through its Westchester Mitigation Office, receives most complaints relating to airport-related traffic impacts. Complaints about airport-related traffic impacts include high traffic volumes on neighborhood streets and resulting congestion, "lost" motorists mistakenly turning onto residential streets, and refuse collecting on neighborhood streets dropped by through-travelers.

### ◆ Solutions

Neighborhood traffic controls can be used to regulate, warn and guide motorists and pedestrians to safe, efficient, and compatible movement of vehicles and pedestrians. Geometric design features can also be used to guide and restrict the physical movement of vehicles and pedestrians, defining and allocating various parts of the public right-of-way for use by motorized traffic, cyclists, and pedestrians.

Installation of certain types of control devices, such as stop signs, require that conditions meet specific criteria. By installing a control device when those standard warrants are not met, the City could be exposed to lawsuits should an accident occur that might be attributed in whole or in part to the presence of the unwarranted device. In order for neighborhood traffic control plans to be effective, traffic control measures should be clearly understood by motorists and pedestrians. To assure this, controls should



convey clear and unambiguous messages, be justified by meeting specific warrants, and regulate the traffic for which they are applied and intended, as described in the Caltrans Traffic Manual.

To successfully implement a neighborhood traffic management plan, residents within the neighborhoods should participate in the process - to articulate their priorities and values, respond to proposed plans and designs, and offer alternatives of their own. This task is time-consuming and demands an extraordinary amount of time from all parties. At the same time, a monitoring program will be established to ensure that proper devices are installed, to analyze the effectiveness of the neighborhood traffic management measures, to study "before and after" effects of installation of control devices, to ensure that undesirable impacts of the measures on established residential neighborhoods are negligible, and to examine the needs for additional controls to deter unanticipated "cut-through" traffic and spillover parking from adjacent commercial districts.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE A VS. ADJUSTED ENVIRONMENTAL BASELINE – YEAR 2005**

Network improvements to mitigate the impacts of Alternative A include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard.

Out of the 61 intersections studied, a total of 26 intersections will receive improvements, by year 2005 as a part of the mitigation program for Alternative A. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all of these cases, link impacts are such that intersection improvements are appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are twelve intersections with impacts in year 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after 2005, but before year 2015. The impact is, therefore, only an interim condition. In each case the level of service for the intersection during the interim period is D or better, which is an acceptable level of service under LADOT standards, and will satisfy the objective of efficient airport access. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community that would prove to be unnecessary in the long term.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE B VS. ADJUSTED ENVIRONMENTAL BASELINE – YEAR 2005**

Network improvements to mitigate the impacts of Alternative B include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard.

Out of the 61 intersections studied, a total of 25 intersections will receive improvements by year 2005 as a part of the mitigation program for Alternative B. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all of these cases, link impacts are such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are six intersections with impacts in 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after year 2005, but before 2015. The impact is, therefore, only an interim condition. In each case the level of service for the intersection during the interim period is D or better, which is an acceptable level of service under LADOT standards, and will satisfy the objective of efficient airport access. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community

that would prove to be unnecessary in the long term.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE – YEAR 2005**

Network improvements to mitigate the impacts of Alternative C include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard.

Out of the 61 intersections studied, a total of 26 intersections will receive improvements, by year 2005 as a part of the mitigation program for Alternative C. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are six intersections with impacts in 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after year 2005, but before year 2015. The impact is, therefore, only an interim condition. In each case the level of service for the intersection during the interim period is D or better, which is an acceptable level of service under LADOT standards, and will satisfy the objective of efficient airport access. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community that would prove to be unnecessary in the long term.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN NO ACTION/NO PROJECT ALTERNATIVE VS. ADJUSTED ENVIRONMENTAL BASELINE – YEAR 2005**

Network improvements to mitigate the impacts of No Action/No Project alternative include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard.

Out of the 61 intersections studied, a total of 36 intersections will receive improvements, by year 2015 as a part of the mitigation program for No Action/No Project Alternative. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are two intersections with impacts in 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after year 2005, but before year 2015. The impact is, therefore, only an interim condition. In each case the level of service for the intersection during the interim period is D or better, which is an acceptable level of service under LADOT standards, and will satisfy the objective of efficient airport access. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community that would prove to be unnecessary in the long term.

## **5.2 YEAR 2015 GROUND ACCESS PLAN**

### **ESSENTIAL ELEMENTS OF MASTER PLAN ALTERNATIVE DEFINITION**

In addition to the elements described for 2005, the following transportation improvements are provided by year 2015 as essential elements of alternative definition.

- ◆ A new I-405 Bypass Expressway, which begins just north of the I-405/Howard Hughes interchange and terminates at Arbor Vitae Street, just west of Aviation Boulevard;
- ◆ Extension of the Ring Road from Sepulveda to the terminus of the Bypass Expressway;
- ◆ New HOV ramps connecting I-405 to I-105, providing convenient access from the I-405 HOV lanes to the new Ring Road; and
- ◆ Extension of the Metro Green Line from the station at Imperial Highway and Aviation Boulevard, and proceeding to the airport (West Terminal).

### TRANSIT IMPROVEMENTS

The transit improvements recommended for the Master Plan in year 2015 are the same for all three Master Plan alternatives. They are as follows.

- ◆ Airport LAX Transit Center  
The 2005 design for the new LAX Transit Center will be adequate to meet year 2015 demands. Therefore, no additional improvements are needed in year 2015.
- ◆ Green Line Extension  
With the extension of the Green Line into the west terminal area in Master Plan, no shuttle connection will be required.
- ◆ Remote Parking Connected by Flyaway Shuttles
- ◆ Additional remote parking lots are recommended by year 2015. Locations include the San Gabriel Valley (near Pasadena), Southeast Los Angeles County, and the Inland Empire.

In order to avoid under-estimating Master Plan impacts on the surrounding transportation systems, the trip reduction benefits of the transit improvements identified above are intentionally held to a small amount. For airport passengers, the transit percentage increases from one percent in 1996 to two percent in 2015. For airport employees, the "Average Vehicle Ridership" (AVR), or the average number of persons per vehicle making commute trips increases from 1.36 in 1996 to 1.44 in year 2015. Actual benefits of these transit improvements will most likely be greater.

### NEIGHBORHOOD TRAFFIC MANAGEMENT MEASURES

Neighborhood Traffic Management programs implemented for 2005 will remain in force through completion of the LAX Master Plan program of improvements.

### MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE A VS. ADJUSTED ENVIRONMENTAL BASELINE – YEAR 2015

Network improvements to mitigate the impacts of Alternative A include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ A half interchange on the expressway at the corner of La Cienega Boulevard and Thornburn, including a SB to SB on-ramp and a NB to NB off-ramp to increase the number of airport trips shifting away from surface streets to use the new facility; and
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard.

Out of the 61 intersections studied, a total of 27 intersections will receive improvements as a part of the mitigation program for Alternative A. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In most of these cases, the link impact is such that intersection improvements are appropriate measures for mitigation. Additional transit services are recommended for Sepulveda Boulevard and Overland Avenue corridors. These improvements are also shown in **Attachment F**.

### MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE B VS. ADJUSTED ENVIRONMENTAL BASELINE - YEAR 2015

Network improvements to mitigate the impacts of Alternative B include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ A half interchange on the expressway at the corner of La Cienega Boulevard and Thornburn, including a SB to SB on-ramp and a NB to NB off-ramp to increase the number of airport trips shifting away from surface streets to use the new facility;
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard; and
- ◆ A one-way southbound extension of Airport Boulevard connecting to a right-turn-only on-ramp to the Ring Road near Westchester.

Out of the 61 intersections studied, a total of 25 intersections will receive improvements by year 2015 as a part of the mitigation program for Alternative B. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all of these cases, the link impact is such that intersection improvements are appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE – YEAR 2015**

Network improvements to mitigate the impacts of Alternative C include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ A half interchange on the expressway at the corner of La Cienega Boulevard and Thornburn, including a SB to SB on-ramp and a NB to NB off-ramp to increase the number of airport trips shifting away from surface streets to use the new facility; and
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard.

Out of the 61 intersections studied, a total of 25 intersections will receive improvements, by year 2015 as a part of the mitigation program for Alternative C. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate five link impacts. In all of these cases, the link impact is such that intersection improvements are appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN NO ACTION/NO PROJECT ALTERNATIVE VS. ADJUSTED ENVIRONMENTAL BASELINE – YEAR 2015**

Network improvements to mitigate the impacts of No Action/No Project alternative include:

- ◆ A westbound right-turn-only off-ramp on the Ring Road connecting to a one-way northbound extension of Emerson Street near Westchester to provide access to the LAX Northside property and reduce the number of northbound left turns at the intersection of Sepulveda Boulevard and La Tijera;
- ◆ A half interchange on the expressway at the corner of La Cienega Boulevard and Thornburn, including a SB to SB on-ramp and a NB to NB off-ramp to increase the number of airport trips shifting away from surface streets to use the new facility; and
- ◆ The widening of Arbor Vitae from 4 to 6 lanes between I-405 and Airport Boulevard.

Out of the 61 intersections studied, a total of 46 intersections will receive improvements, by year 2015 as a part of the mitigation program for No Action/No Project Alternative. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate five link impacts. In all of these cases, the link impact is such that intersection improvements are appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

### 5.3 MITIGATION MEASURES VS. NO ACTION/NO PROJECT ALTERNATIVE

The Ground Access Plan is generally the same as described above for the scenario in which RTP background assumptions are assumed. The network improvements described in Sections 5.1 and 5.2 for mitigating impacts were applied.

#### MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE A – YEAR 2005

Out of the 61 intersections studied, a total of 19 intersections will receive improvements, by year 2005 as a part of the mitigation program for Alternative A. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are eight intersections with impacts in 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after 2005, but before 2015. The impact is, therefore, only an interim condition. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community that would prove to be unnecessary in the long term.

#### MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE B – YEAR 2005

Out of the 61 intersections studied, a total of 16 intersections will receive improvements, by year 2005 as a part of the mitigation program for Alternative B. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are four intersections with impacts in 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after 2005, but before 2015. The impact is, therefore, only an interim condition. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community that would prove to be unnecessary in the long term.

#### MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE C – YEAR 2005

Out of the 61 intersections studied, a total of 24 intersections will receive improvements, by year 2005 as a part of the mitigation program for Alternative C. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are three intersections with impacts in 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after 2005, but before 2015. The impact is, therefore, only an interim condition. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community that would prove to be unnecessary in the long term.

#### MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE A – YEAR 2015

Out of the 61 intersections studied, a total of 19 intersections will receive improvements, by year 2015 as a part of the mitigation program for Alternative A. These improvements, shown in **Attachment F**, include measures

to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In most of these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. Additional transit services are recommended for Sepulveda Boulevard and Overland Avenue corridors. These improvements are also shown in **Attachment F**.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE B – YEAR 2015**

Out of the 61 intersections studied, a total of 19 intersections will receive improvements, by year 2015 as a part of the mitigation program for Alternative B. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE C – YEAR 2015**

Out of the 61 intersections studied, a total of 19 intersections will receive improvements, by year 2015 as a part of the mitigation program for Alternative C. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

## **5.4 MITIGATION MEASURES FRAMEWORK BACKGROUND ASSUMPTIONS**

The Ground Access Plan is generally the same as described above for the scenario in which Framework background assumptions are assumed. Because of changes in jobs-housing balance throughout the City of Los Angeles, the intersections and link improvements are different from those identified above.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE C – YEAR 2005 FRAMEWORK**

Out of the 61 intersections studied, a total of 27 intersections will receive improvements, by year 2005 as a part of the mitigation program for Alternative C. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate link impacts. In all these cases, the link impact is such that intersection improvements are considered appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

There are nine intersections with impacts in 2005 that are temporarily unmitigated. The impacts at these intersections are fully mitigated by airport improvements that will not be completed until after 2005, but before 2015. The impact is, therefore, only an interim condition. To fully mitigate these intersections in the interim period would require additional right-of-way acquisition and disruption to the surrounding community that would prove to be unnecessary in the long term.

### **MITIGATION MEASURES AND ADDITIONAL IMPROVEMENTS FOR MASTER PLAN ALTERNATIVE C – YEAR 2015 FRAMEWORK**

Out of the 61 intersections studied, a total of 25 intersections will receive improvements, by year 2015 as a part of the mitigation program for Alternative C. These improvements, shown in **Attachment F**, include measures to mitigate Master Plan impacts, and additional measures to improve levels of service on key access routes.

In addition to the intersection improvements identified above, improvements are needed to mitigate five link impacts. In all of these cases, the link impact is such that intersection improvements are appropriate measures for mitigation. These improvements are also shown in **Attachment F**.

## 6 CONGESTION MANAGEMENT PROGRAM (CMP) ANALYSIS

A CMP study was conducted for the project in accordance with the Los Angeles County Metropolitan Transportation Authority (MTA)'s Congestion Management Program (CMP) guidelines. The analysis was conducted for Year 2015 conditions with traffic to be generated due to adoption of Alternative C (preferred alternative) of the project. The project-related traffic was defined as the difference in the traffic volumes anticipated in 2015 between No Action/No Project alternative and Alternative C.

### 6.1 TRIP GENERATION

Table 6.1 shows the trips in terms of vehicular trip ends as well as passenger car equivalent (PCE) trips to be generated by the project.

Table 6.1

PROJECT TRIP GENERATION FOR 2015 CMP ANALYSIS

		AM Peak Hour			Airport Peak Hour			PM Peak Hour			Weekday*		
		IN	OUT	Total	IN	OUT	Total	IN	OUT	Total	IN	OUT	Total
Veh. Trip Ends	Alt. C	12068	10146	22214	13881	13556	27437	9628	13424	23252	164574	170780	335354
	NA/NP Base	19979	9663	29642	13511	11714	25225	10491	18704	30195	202313	188973	391286
	Net Project	-7911	483	-7428	370	1842	2212	-663	-6280	-6943	-37739	-18193	-55932
PCE Trip Ends	Alt. C	13661	11299	24960	15329	14883	30212	10817	14621	25438	183112	187694	370806
	NA/NP Base	21385	10780	32165	14862	12959	27821	11492	20918	32410	219599	205422	425021
	Net Project	-7724	519	-7205	467	1924	2391	-675	-6297	-6972	-36487	-17728	-54215

\* Daily trips were obtained by multiplying the sum of AM, PM, and AP trips by a factor of 4.6

Detail trip generation data is presented in Table 3.1.

### 6.2 CMP HIGHWAY ANALYSIS

The CMP guidelines require an analysis of the following facilities:

- All CMP arterial monitoring intersections, including monitored freeway on-ramps or off-ramps, where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours. Where project definition is insufficient for meaningful intersection level of service analysis, CMP arterial segment analysis may substitute for intersection analysis. If CMP arterial segments are analyzed, the analysis must include all arterial segments where the proposed project will add 50 or more peak hour trips (total of both directions). Within the study area, at least one segment between monitored CMP intersections must be analyzed.
- All mainline freeway monitoring locations where the project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.

If, based on these criteria, no CMP facilities are identified for study, no further highway or freeway system analysis need be conducted. If CMP facilities are identified for further study, then the following procedure is to be followed:

- Determine if significant impacts occur on the CMP system as a result of the project. For purposes of the CMP, a significant impact occurs when the proposed project increases traffic demand on a CMP facility by 2% of capacity ( $V/C \geq 0.02$ ) causing or worsening LOS F ( $V/C > 1.00$ ). The lead agency may apply more stringent criteria if desired.
- Investigate measures which will mitigate significant CMP system impacts identified. Such mitigation measures must consider significant impacts of the project on neighboring jurisdictions.
- Develop cost estimates, including the fair share costs to mitigate impacts of the proposed project, and indicate the responsible agency.
- Develop appropriate mitigation measures. Selection of final mitigation measures is at the discretion of the local jurisdiction. Once a mitigation program is selected the jurisdiction self-monitors implementation through the existing mitigation monitoring requirements of CEQA.

### **CMP FACILITIES WITHIN STUDY AREA**

The following CMP arterials, freeways and arterial monitoring intersections are located within the study area:

#### CMP Arterials:

1. Lincoln Boulevard - between Venice Boulevard on the north and Sepulveda Boulevard on the south
2. Sepulveda Boulevard - between Lincoln Boulevard on the north and Artesia Boulevard on the south
3. Venice Boulevard - between Lincoln Boulevard on the west and Culver Boulevard on the east
4. La Cienega Boulevard - between Venice Boulevard on the north and I-405 on the south
5. Manchester Avenue - between Lincoln Boulevard on the west and Crenshaw Boulevard on the east
6. Artesia Boulevard - between Pacific Coast Highway on the west and Crenshaw Boulevard on the east

#### CMP Freeway Monitoring Stations:

1. I-10 (Santa Monica Freeway) Post Mile R2.17 at Lincoln Boulevard
2. I-10 (Santa Monica Freeway) Post Mile R6.75 e/o Overland Avenue
3. I-10 (Santa Monica Freeway) Post Mile R10.71 e/o La Brea Avenue
4. I-105 (Glenn Anderson Freeway) Post Mile R1.00 e/o Sepulveda Boulevard
5. I-105 (Glenn Anderson Freeway) Post Mile R5.50 e/o Crenshaw Boulevard
6. I-405 (San Diego Freeway) Post Mile R18.63 n/o Inglewood Boulevard
7. I-405 (San Diego Freeway) Post Mile R24.27 n/o La Tijera Boulevard
8. I-405 (San Diego Freeway) Post Mile R28.30 n/o Venice Boulevard

#### CMP Arterial Monitoring Stations (Intersections):

1. Lincoln Boulevard at Venice Boulevard
2. Lincoln Boulevard at Marina Expressway
3. Lincoln Boulevard at Manchester Avenue\*
4. Lincoln Boulevard at Sepulveda Boulevard\*
5. Sepulveda Boulevard at El Segundo Boulevard\*
6. Sepulveda Boulevard at Rosecrans Avenue\*
7. La Cienega Boulevard at Venice Boulevard
8. La Cienega Boulevard at Jefferson Boulevard
9. La Cienega Boulevard at Stocker Street
10. La Cienega Boulevard at Centinela Avenue
11. Manchester Avenue at Sepulveda Boulevard\*
12. Manchester Avenue at La Brea Avenue
13. Manchester Avenue at Crenshaw Boulevard
14. Artesia Boulevard at Pacific Coast Highway
15. Artesia Boulevard at Pacific Coast Highway
16. Artesia Boulevard at Inglewood Boulevard
17. Artesia Boulevard at Hawthorne Boulevard
18. Artesia Boulevard at Crenshaw Boulevard

(\* intersections located within LAX study area and analyzed in details as part of 61 study intersections)



## CMP ARTERIAL AND FREEWAY IMPACTS

The CMP arterial and freeway segments located within the study area were analyzed in accordance with the guidelines and procedures outlined in the MTA's 1999 CMP document. The project related traffic volumes (defined as the difference in trip generation between Year 2015 Alternative C, the preferred alternative and the No Action/No Project Alternative). Table 6-2 shows the results of CMP arterial segment and freeway monitoring station impact analysis.

Table 6.2

### MASTER PLAN (ALTERNATIVE C) IMPACTS ON CMP ARTERIAL SEGMENTS AND FREEWAYS 2015 NO ACTION NO PROJECT BASELINE ASSUMPTION

	<u>No. Studied</u>	<u>AM Peak Hour</u>	<u>PM Peak Hour</u>
NB/EB Direction:			
Impacted Arterial Segments	39	13	3
Impacted Freeway Locations	8	1	4
SB/WB Direction:			
Impacted Arterial Segments	39	1	12
Impacted Freeway Locations	8	3	3
Total Impacts	94	18	22

Locations of these impacts are shown in Attachment G, together with tables showing the amount of impact at each location.

## 6.3 CMP DEBITS AND CREDITS

The project may be defined as Other Development Activity for calculation of CMP debits/credits per MTA's 1999 CMP. The CMP debits for other development activities are calculated by multiplying the project daily trips by a Debit Value/Trip factor of 0.71. Since the project's daily trips are estimated to be -54,215 (a negative number) in PCE, the project will generate credits instead of debits. The following is the project's generation of CMP credits:

$$\text{CMP Debits} = \text{Daily Trips } (-54,215) \times \text{Debit Value/Trip } (0.71) = -38,492 \text{ debits} = 38,492 \text{ credits}$$

The project will also implement a number of roadway/intersection improvements, transit strategies, and TDM measures as well as construction of the ring road to mitigate area-wide transportation system deficiencies, that will qualify for claiming credits by the City. A detailed estimate of these credits will be developed after the City's adoption of final access/mitigation plan being prepared for the project. Overall, based upon the debits/credits analysis, the project's CMP impacts will be adequately mitigated.

## 6.4 CMP TRANSIT ANALYSIS

The project's CMP transit system impacts were analyzed in accordance with guidelines and procedures outlined in MTA's 1999 CMP document.

Exact data on services and ridership for private transit services is not available. Information provided below does not include private transit services in the area. However, these services represent a portion of the ridership in and around the airport. In addition, if extensive remote check-in ("fly away") transit service is added and/or transit services for construction employees are available during the 14-year construction period, then additional transit services and benefits will be derived.

Several proposals are currently under study concerning possible high-speed ground transportation (e.g., Maglev) links to downtown Los Angeles, other regional airports, and other activity centers. Forecasts

concerning these services are not included below. However, these services, if implemented, could also increase transit services and benefits.

### EXISTING TRANSIT SERVICES

A description of existing transit services, including anticipated future expansion plans is provided in Section 2.4. Table 6.3 displays the composite levels of bus service on the CMP system in the study area.

Table 6.3

#### LOCAL AND EXPRESS BUS SERVICE ON CMP SYSTEM IN THE LAX AREA

OPERATOR	LINE NO.	CMP NETWORK	DAILY BOARDINGS	DAILY PMT**	AVERAGE MPH
Santa Monica	3	Lincoln Blvd	7,506	29,964	12.1
Culver City	6	Sepulveda Blvd	7,210	37,440	10.9
Torrance	8	Hwthorne Blvd	2,528	10,103	11.3
MTA	120	Imperial Hwy	4,741	13,461	13.3
MTA	232	Pacific Coast Hwy	6,038	36,710	14.5
MTA	439	I-110	2,110	18,603	14.7
MTA	42*				
MTA	117*				
MTA	220*				
MTA	225*				
MTA	311*				
MTA	315*				
MTA	561*				
MTA	625*				
* CMP Transit Monitoring Data Not Available					
** Passenger Miles of Travel					
Source: 1997 Congestion Management Program for Los Angeles County (1996 Monitoring Data)					

### TRANSIT CORRIDOR CAPACITIES

An analysis was conducted to determine transit corridor capacities within the study area. Based upon the headways of all the transit bus lines serving the corridors, the total number of buses in service during the one-hour AM peak hour (during the 3-6 AM period) and the PM peak hour (during the 3-6 PM period) was estimated for each line. The passenger capacities of the corridors were estimated assuming 47-seat buses for all lines. The year 2005 and 2015 capacities were estimated using a growth rate of 15% and 45%, respectively. Detailed calculations are shown in Attachment G.

Table 6.4 shows transit corridor capacities for various CMP corridors. The table also shows capacity of LAX Transit Center.

### TRANSIT CORRIDOR IMPACTS

Table 6.5 shows the transit demands in various directions, including demand for Metrorail Green Line extension to LAX West terminal, for Alternative C and No Action No Project Alternative. The project's transit demand is defined as difference in demand between Alternative C and No/Action No Project Alternative.

Table 6.6 shows the project demand to corridor capacity (D/C) ratios for the LAX Transit Center, the North/South corridor and the East/West Corridor. The table indicates that the project's transit demand at the LAX Transit Center will amount to a maximum of approximately 5.9% (during year 2005 PM peak hours) and a minimum of 1.4% (during Year 2015 PM peak hours). The demand will not be more than 1.1% in either of the North/South or the East/West corridors.

Table 6.4

## TRANSIT CORRIDOR CAPACITIES

CMP Transit Corridor	6-9 AM						3-6 PM					
	NB/EB			SB/WB			NB/EB			SB/WB		
	Hourly Capacity in Passengers			Hourly Capacity in Passengers			Hourly Capacity in Passengers			Hourly Capacity in Passengers		
	2000	2005	2015	2000	2005	2015	2000	2005	2015	2000	2005	2015
LAX Transit Center:	1,893	2,177	2,745	1,785	2,053	2,589	1,833	2,108	2,658	1,811	2,083	2,626
North/South Corridors:												
Lincoln Blvd	1,058	1,217	1,534	900	1,035	1,306	875	1,007	1,269	1,019	1,172	1,477
Sepulveda Blvd	2,317	2,664	3,359	2,262	2,601	3,280	2,279	2,621	3,304	2,026	2,330	2,938
Pacific Coast Highway	544	625	788	507	584	736	511	588	742	559	643	811
I-405	1,674	1,925	2,427	1,927	2,216	2,794	1,630	1,875	2,364	1,613	1,855	2,339
La Cienega Blvd	669	769	970	898	1,033	1,302	648	745	939	619	712	898
Hawthorne Blvd	1,212	1,394	1,758	1,223	1,406	1,773	1,171	1,346	1,698	1,061	1,220	1,538
TOTAL	7,473	8,594	10,836	7,717	8,875	11,190	7,114	8,181	10,316	6,898	7,932	10,002
East/West Corridors:												
Venice Blvd	970	1,115	1,406	1,191	1,369	1,727	1,142	1,314	1,656	977	1,124	1,417
Marina Expressway	592	680	858	584	671	846	572	658	830	593	682	859
Manchester Blvd	1,704	1,960	2,471	1,628	1,872	2,360	1,453	1,671	2,107	1,048	1,205	1,519
I-105/Imperial	1,423	1,636	2,063	1,068	1,229	1,549	1,389	1,598	2,015	1,170	1,345	1,696
Artesia Blvd	332	382	482	440	506	638	380	437	550	353	406	512
TOTAL	5,021	5,774	7,280	4,911	5,647	7,120	4,937	5,677	7,158	4,140	4,762	6,004

Table 6.5

## PROJECT TRANSIT DEMAND IN PASSENGERS PER HOUR

	AM Peak Hour								PM Peak Hour							
	NA/NP Baseline				Alternative C				NA/NP Baseline				Alternative C			
	NB	SB	EB	Rail*	NB	SB	EB	Rail*	NB	SB	EB	Rail*	NB	SB	EB	Rail*
<u>2005 Forecasts:</u>																
East Terminal	17	22	22		65	96	77		26	30	30		94	116	102	
West Terminal					7	6		33					11	9		44
TOTAL	17	22	22		72	102	77		26	30	30	0	105	125	102	
<u>2015 Forecasts:</u>																
East Terminal	33	32	28		36	45	35		33	33	26		47	54	48	
West Terminal					5	4		363					9	8		475
TOTAL	33	32	28		41	49	35		33	33	26	0	56	62	48	

Source: JKH Mobility Services

\* Metrolink Green Line extension to LAX West Terminal

Table 6.6

## PROJECT TRANSIT IMPACTS

	2005						2015					
	AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour		
	Capacity	Demand	D/C	Capacity	Demand	D/C	Capacity	Demand	D/C	Capacity	Demand	D/C
LAX Transit Center	4,230	190	4.49%	4,191	246	5.87%	5,334	96	1.80%	5,285	74	1.40%
North/South Corridor	17,469	135	0.77%	16,114	174	1.08%	22,026	89	0.40%	20,317	52	0.26%
East/West Corridor	11,421	55	0.48%	10,439	72	0.69%	14,400	7	0.05%	13,162	22	0.17%

## 7 CONSTRUCTION IMPACT - TRAFFIC

### 7.1 INTRODUCTION

It is estimated that construction at LAX and throughout the surrounding area will be spread across approximately 14 years. During this period, the most intensive period is estimated to occur during the 3<sup>rd</sup> and 4<sup>th</sup> years. However, as individual projects are underway, impacts will likely be felt in the immediate area around such sites.

Three of the most critical issues surrounding the potential traffic impacts of these construction activities include:

- Maintenance of traffic in the immediate construction zones,
- Deliveries (and movement within the site) of various construction materials, and
- Provision of labor to the construction sites.

The general construction concept is to have many of the transportation improvements completed within the first five years after construction begins. The phasing for the street and highway projects generally is expected to proceed as follows:

Years	Major Street and Highway Improvements
2002-2003	Sepulveda (north of Century); northwestern and northern portions of the ring road (Westchester Parkway), including interchanges; and a temporary road north of Imperial (south side of the airport)
2003-2005	Pershing; western and southwestern portions of the ring road; and improvements at Sepulveda and Century interchange
2010-2012	Additional improvements to the west side of the ring road, removal of the temporary road north of Imperial (south side of the airport), and Aviation/Arbor Vitae interchange and Aviation between Imperial and Arbor Vitae
2011-2013	LAX Expressway and northeastern portion of the ring road from I-405 to Sepulveda

Many other improvement projects are also planned for various streets and highways in the surrounding area, which range from restriping and traffic signal coordination to adding traffic lanes and transit services.

In order to minimize the traffic impacts related to these construction projects, a series of policies have been developed to address the vast majority of traffic-related construction impacts. These policies were developed to address all projects, but especially target the large construction projects, including those listed above. Once these policies have been finalized and adopted, those that will ultimately be the responsibilities of the contractors for these projects can be implemented through the use of contract specifications and construction monitoring.

### 7.2 BACKGROUND CONSTRUCTION DATA – TRAFFIC RELATED

Over the 14-year construction period planned to implement the Master Plan improvements, truck trips and construction employment levels have been estimated for each yearly quarter (13-week period). The peak truck and labor levels will be experienced during the 3<sup>rd</sup> and 4<sup>th</sup> years (9<sup>th</sup> through the 14<sup>th</sup> quarters after construction begins).

**Truck Traffic** - For the issue of truck traffic, the highest levels are experienced specifically during the 9<sup>th</sup> through 12<sup>th</sup> quarters at approximately 199,000 trucks per quarter. Of that amount, approximately 131,000 will be traveling from off-site. During this period, work on the western portion of the ring road and western terminal will be underway. In order to map out a "worst case" scenario, the following series of conservative assumptions were developed:

- Work will be generally concentrated on the western portion of the ring road and western terminal area.

- Access will be gained generally through the Westchester Parkway (or temporary parallel haul route) and through an entrance at a point north of the intersection of Main Street and Imperial Highway on the south side of the airport.
- Staging and stock pile locations will be in 4 locations: 1) west of Sepulveda and north of Westchester Parkway, 2) near Westchester and Pershing, 3) between the runways, halfway between the eastern (existing) terminals and western (new) terminal, and 4) east end of the south runways.
- Assume 6 days per week and 10 hours per day (although 7 days per week and 22 hours per day deliveries are possible).

If this scenario is implemented, then truck deliveries from off-site will be made at a rate of about 2.8 trips per minute. If these deliveries were evenly spread to four (4) staging locations, the average delivery rate would be about 0.7 truck trips per minute per site throughout the day (10 hours per day over 6 days).

However, if the work week is extended to 7 days per week (in three shifts per day), as has been proposed, and the truck deliveries are made 7 days per week, 20 hours per day (avoiding the peak traffic hours), then the truck delivery rate would be 1.2 trips per minute per site. If these deliveries were evenly spread to four (4) staging locations, the average delivery rate would be about 0.3 truck trips per minute per site throughout the day.

Therefore, it would assist in lessening the traffic impact to establish multiple staging/stock pile locations, extend the work periods to include weekends and using multiple work shifts. It should be emphasized that this rate of truck deliveries will occur for four to five quarters. During the vast majority of the 14-year construction period, truck traffic is estimated to be at much lower levels.

**Construction Employees Traffic** - For the issue of construction employee-related traffic, the highest levels are experienced specifically during the 7<sup>th</sup> through 14<sup>th</sup> quarters for the "first shift." During the 12<sup>th</sup> quarter the highest level is to be experienced at 2.94 million person-hours (first shift).

Similar peaking characteristics are to be experienced for the 2<sup>nd</sup> and 3<sup>rd</sup> shifts with the highest level for the 2<sup>nd</sup> shift during the 12<sup>th</sup> quarter at 668,000 person-hours, and the 310,000 person-hours (12<sup>th</sup> quarter) for the 3<sup>rd</sup> shift. However, based upon procedures outlined below, traffic impacts will not be compounded at the change of shifts. Employees coming to work, for say the 2<sup>nd</sup> shift, will be arriving prior to the end of the 1<sup>st</sup> shift, and those leaving after the 1<sup>st</sup> shift will leave after the beginning of the 2<sup>nd</sup> shift.

During the peak construction period, work on the western portion ring road and western terminal will be underway. In order to map out a "worst case" scenario, the following series of conservative assumptions were developed:

- Work will be generally concentrated on the western portion of the ring road and western terminal area.
- Access will be gained generally through the Westchester Parkway (or parallel haul route) and through an entrance at a point north of the intersection of Main Street and Imperial Highway on the south side of the airport.
- Staging and stock pile locations will be in 4 locations: 1) west of Sepulveda and north of Westchester Parkway, 2) near Westchester and Pershing, 3) between the runways, halfway between the eastern (existing) terminals and western (new) terminal, and 4) east end of the south runways.
- Assume all employees drive to the airport area for work.

If this scenario is implemented, then number of employees arriving during this peak work quarters (12<sup>th</sup> quarter) will be approximately 4,520 employees for the first shift. If these employees arrive from different directions and the start and end of the "first shift" is offset from the traffic peak-period, then the traffic impact at the airport and on the surrounding areas can be substantially reduced or eliminated. Several employees parking areas along the east end of the airport and other similar locations should be established with shuttle buses to the actual construction sites. This procedure will aid in minimizing congestion and maintaining airport safety/security requirements.

However, if the employees were organized to park at remote locations, such as LAWA airports at Palmdale, Van Nuys, and Ontario, and provided shuttle bus service to the LAX construction sites, then the employee traffic-related construction impacts could be substantially reduced.

Therefore, it would assist in lessening the traffic impact related to construction employees to establish shifts

that are different than the peak traffic periods and by establishing remote employee parking locations with shuttle bus service.

**Maintenance of Traffic During Construction** – With the multitude of construction project that will be underway during the life of construction at LAX (14 years), it is important to note that, in many cases, there are few roadway alternatives to the existing facilities. Some of these facilities will be modified or even replaced as part of the off-site improvements. Maintaining traffic in these same corridors at speeds and with roadway capacities similar to existing facilities will be essential. Closures of key roadways and intersections could cause significant impacts, except if done for short time periods during periods of very low volumes.

It should also be noted that in some construction areas, three activities would have to be accommodated at the same time, in the same corridor: 1) airport traffic, 2) construction haul routes, and 3) construction of new facilities. Each should be fully separated from the others, to the extent possible. Therefore, additional physical space in these corridors may be required during construction. It may also be advisable to retain old facilities (that may be otherwise be replaced or removed) during and after construction of the new facilities so that the old facilities can be used for moving construction materials while separated from the general public.

By maintaining traffic on existing facilities, strictly minimizing road closures, and creating separations between construction traffic and the general public, traffic impacts can be minimized or eliminated.

## **7.3 SUGGESTED CONSTRUCTION POLICIES**

The following policies are suggested for inclusion in the construction specifications and contracts so that all parties understand the requirements and responsibilities associated with them.

### **DELIVERIES**

- Dirt and Aggregate
- Truck deliveries on designated routes (only freeways and non-residential streets). Suggested routes (no residential frontages) are:
  - Florence Av. (I-405 to Aviation Blvd)
  - Manchester Av., east of Aviation Blvd
  - Aviation Blvd, south of Manchester Av. and north of Imperial Hwy
  - Arbor Vitae (from I-405 to Sepulveda Blvd.) might need mitigation at Will Rogers St.
  - Westchester Pkwy might need to restrict hours of operation
  - Imperial Hwy, east of Sepulveda Blvd
  - La Cienega Blvd, south of Manchester Av. and south of Imperial
  - Airport Blvd, south of Arbor Vitae
  - Sepulveda Blvd, south La Tijera Blvd and north of Imperial
  - I-405
  - I-105 east of Sepulveda Blvd
  - Pershing Dr., south of Westchester, but not connecting to Imperial
- Truck deliveries concentrated during night hours, but never during the peak period (7-9 AM, 4:30-6:30 PM).
- Deliveries to several stock pile locations at the eastern area of the airport vicinity.
- Assume that 30% of the dirt would originate from the north, 30% from the east (San Bernardino/Riverside), 30% from the northeast (Irwindale/Azusa), and 10% from the south/southeast.
- All Other Materials and Equipment
- Truck deliveries on designated routes (mostly freeways and non-residential streets as defined above).
- Truck deliveries concentrated during night hours, but never during the peak period (7-9 AM, 4:30-6:30 PM).

- Deliveries to several stock pile locations at the eastern area of the airport vicinity.

### **GROUND TRANSPORTATION CONSTRUCTION COORDINATION OFFICE**

- Establish this office for the life of the construction projects to coordinate deliveries, monitor traffic conditions, advise motorists and those making deliveries about detours and congestion monitor, and enforce delivery times and routes. LAWA may want to periodically analyze traffic conditions on designated routes during construction to see whether there is a need to improve conditions through signage and other means. This office could undertake a variety of duties including, but limited to:
- Coordination with police and fire regarding maintenance of emergency access and response times, and coordination with other agencies, such as Caltrans and LADOT whose own roadway improvement or construction activities could cause cumulative effects on traffic.
- Monitor deliveries and coordinate as needed.
- Monitor congestion and make adjustments to delivery and detour routes, as needed.
- A hotline for complaints and to provide the public with information on construction activities and scheduling.
- A construction relations officer to act as a liaison with neighbors and residents concerning construction activity.
- A public notification system to advise adjacent communities and others in advance of roadway changes or other major activities.

### **EMPLOYEES**

- Establish remote parking locations (1 to 50 miles away) for construction employees so that they can get on a shuttle (develop an emergency return system for employees that have to leave early).
- Establish shift hours that do NOT coincide with the peak periods (7-9 AM, 4:30-6:30 PM).

### **HAUL ROADS**

- Separate construction traffic from regular "airport" traffic by various means including keeping existing roads (that will be replaced) and detour routes (where appropriate) in service as haul routes even after the parallel new roadway is open to traffic.
- Haul routes should be located away from sensitive noise receptors.
- Minor striping, lane configurations, curb return modifications, and signal timing may be needed.
- Periodic maintenance to haul routes will be done.

### **DETOUR ROUTES AND CLOSURES**

- A complete detour plan will be developed to designate routes, viable message sign locations, and communication methods with airport passengers, delivery trucks, etc.
- Other than very short time periods during nighttime periods, NO current roadways will be closed until they are no longer needed for regular traffic or construction traffic, unless a temporary detour route is available to serve the same function (recognize that there are 3 functions happening at the same time: 1) airport traffic, 2) construction haul routes, and 3) construction of new facilities; each should be fully separated from the others, to the extent possible).
- Temporary detour roads should be of the same capacity and design speeds as the existing facility.
- Periodic maintenance to detour routes will be done.



## **7.4 SUMMARY**

By implementing these policies as part of the airport construction activities, the following objectives can be achieved:

1. Construction deliveries (and related traffic) during the peak traffic periods can be virtually eliminated.
2. Construction traffic during all other times can be managed and will not have a significant impact on the airport or surrounding areas.
3. Construction employee traffic can be minimized through the use of remote parking locations and establishing start/quit times different than the traffic peak periods.
4. Traffic patterns around the airport for the general public will be largely maintained through the use of existing facilities, construction haul routes and other techniques.

# **Attachment A**

## **Trip Generation Summaries**

**PHASE 3F TRIP GENERATION SUMMARY FOR 1996 EXISTING CONDITIONS**  
(Also Adjusted Environmental Baseline)

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,256	3,036	6,292	5,458	4,810	10,268	2,871	4,177	7,048
Rent-A-Car Shuttles	186	186	392	344	345	689	189	189	388
Public Parking Shuttles	12	12	24	12	12	24	12	12	24
Private Parking Shuttles	58	58	116	99	99	198	63	62	125
Employee Parking Shuttles	12	12	24	12	12	24	12	12	24
Hotel Shuttles	70	71	141	118	118	236	68	68	136
SUBTOTAL - Veh. Trips (3)	3,664	3,385	6,989	6,043	5,396	11,439	3,225	4,530	7,755
SUBTOTAL - PCE Tripends (4)	3,604	3,385	6,989	6,043	5,396	11,439	3,225	4,530	7,755
<b>AIRPORT MISCELLANEOUS</b>									
RENT-A-CAR									
Private Vehicles/Other (2)	433	342	775	761	732	1,493	406	421	827
Shuttles	196	196	392	345	345	690	199	199	398
SUBTOTAL - Vehicle Trips (5)	433	342	775	761	732	1,493	406	421	827
SUBTOTAL - PCE Tripends (6)	629	536	1,167	1,106	1,077	2,183	605	620	1,225
PUBLIC PARKING									
Private Vehicles/Other (2)	88	26	114	103	80	183	53	95	148
Shuttles	12	12	24	12	12	24	12	12	24
SUBTOTAL - Vehicle Trips (5)	88	26	114	103	90	193	53	95	148
SUBTOTAL - PCE Tripends (6)	100	38	138	115	92	207	65	107	172
EMPLOYEE PARKING									
Private Vehicles/Other (2)	215	54	269	171	114	285	219	302	521
Shuttles	12	12	24	12	12	24	12	12	24
SUBTOTAL - Vehicle Trips (5)	215	54	269	171	114	285	219	302	521
SUBTOTAL - PCE Tripends (6)	227	66	293	183	126	309	231	314	545
PRIVATE PARKING									
Private Vehicles/Other (2)	212	63	275	424	331	755	140	244	384
Shuttles	58	58	116	99	99	198	63	62	125
SUBTOTAL - Vehicle Trips (5)	212	63	275	424	331	755	140	244	384
SUBTOTAL - PCE Tripends (6)	270	121	391	523	430	953	203	306	509
WORLD WAY WEST									
Private Vehicles/Other (1)	357	168	525	507	493	1,000	117	283	400
SUBTOTAL - Veh. Trips	357	168	525	507	493	1,000	117	283	400
SUBTOTAL - PCE Tripends (7)	375	176	551	532	518	1,050	123	297	420
CARGO									
Private Vehicles/Other (2)	754	539	1,292	632	625	1,257	946	585	1,531
Trucks	408	269	675	365	353	718	335	314	649
SUBTOTAL - Veh. Trips	1,160	807	1,967	997	978	1,975	1,281	899	2,180
SUBTOTAL - PCE Tripends (7)	1,566	1,076	2,642	1,362	1,331	2,693	1,616	1,213	2,829
ANCILLARY									
Private Vehicles/Other (2)	479	266	745	294	123	417	64	407	471
Trucks	205	114	319	125	53	178	27	174	201
SUBTOTAL - Veh. Trips	684	380	1,064	419	176	595	91	581	672
SUBTOTAL - PCE Tripends (7)	889	494	1,383	544	229	773	118	755	873
COLLATERAL DEVELOPMENT									
LAX Northside	0	0	0	0	0	0	0	0	0
Continental City	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	0	0	0	0	0	0	0	0	0
SUBTOTAL - PCE Tripends	0	0	0	0	0	0	0	0	0
TOTAL - Vehicle Trips (5)	3,148	1,840	4,989	3,382	2,904	6,286	2,307	2,826	5,132
TOTAL - PCE Tripends (6),(7)	4,056	2,509	6,565	4,365	3,803	8,168	2,961	3,612	6,573
<b>TOTAL AIRPORT VEHICLE TRIPS</b>	<b>6,753</b>	<b>5,225</b>	<b>11,978</b>	<b>9,425</b>	<b>8,300</b>	<b>17,725</b>	<b>5,532</b>	<b>7,355</b>	<b>12,887</b>
<b>TOTAL AIRPORT PCE TRIPENDS</b>	<b>7,660</b>	<b>5,894</b>	<b>13,554</b>	<b>10,408</b>	<b>9,199</b>	<b>19,607</b>	<b>6,186</b>	<b>8,142</b>	<b>14,328</b>
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION -PCE Tripends</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NET VEH. TRIP GENERATION</b>	<b>6,753</b>	<b>5,225</b>	<b>11,978</b>	<b>9,425</b>	<b>8,300</b>	<b>17,725</b>	<b>5,532</b>	<b>7,355</b>	<b>12,887</b>
<b>NET PCE TRIPEND GENERATION</b>	<b>7,660</b>	<b>5,894</b>	<b>13,554</b>	<b>10,408</b>	<b>9,199</b>	<b>19,607</b>	<b>6,186</b>	<b>8,142</b>	<b>14,328</b>

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.

**PHASE 3F: TRIP GENERATION SUMMARY FOR 2005 ALTERNATIVE A (1)**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,085	3,662	6,647	5,103	4,673	9,776	3,244	3,969	7,213
Rent-A-Car Shuttles	20	20	40	24	24	48	20	20	40
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	70	70	140	124	124	248	60	60	120
Employee Parking Shuttles	20	20	40	24	24	48	20	20	40
Hotel Shuttles	71	71	142	121	121	242	70	70	140
MTA, Schedule, Charter Bus	40	40	80	49	49	98	39	39	78
Misc. Commercial Vehicles	17	17	34	25	25	50	17	17	34
SUBTOTAL - Veh. Trips (3)	3,323	3,800	7,123	5,470	5,040	10,510	3,500	4,225	7,725
SUBTOTAL - PCE Tripends (4)	3,323	3,800	7,123	5,470	5,040	10,510	3,500	4,225	7,725
WEST TERMINAL									
Private Vehicles/Other (2)	1,039	999	2,038	1,625	1,558	3,183	995	1,221	2,216
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	38	38	76	20	20	40
Employee Parking Shuttles	24	24	48	24	24	48	24	24	48
Hotel Shuttles	85	85	170	132	132	264	88	88	176
MTA, Schedule, Charter Bus	53	53	106	74	74	148	54	54	108
Misc. Commercial Vehicles	44	44	88	70	70	140	68	68	136
SUBTOTAL - Veh. Trips (3)	1,265	1,225	2,490	1,863	1,896	3,759	1,249	1,475	2,724
SUBTOTAL - PCE Tripends (4)	1,265	1,225	2,490	1,863	1,896	3,759	1,249	1,475	2,724
SUBTOTAL - Veh. Trips	4,588	5,025	9,613	7,433	6,936	14,369	4,749	5,700	10,449
SUBTOTAL - PCE Tripends	4,588	5,025	9,613	7,433	6,936	14,369	4,749	5,700	10,449
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	416	343	759	579	551	1,130	355	445	800
Shuttles	20	20	40	24	24	48	20	20	40
SUBTOTAL - Vehicle Trips (5)	416	343	759	579	551	1,130	355	445	800
SUBTOTAL - PCE Tripends (6)	436	363	799	603	575	1,178	375	465	840
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	150	141	291	147	79	226	252	268	520
Private Autos (fr West Ter.)	49	33	82	73	32	105	55	83	138
Private Autos (fr Cargo)	464	371	835	387	382	769	489	365	854
Private Autos (fr Ancil.)	369	302	671	523	381	904	82	297	379
Shuttles	44	44	88	48	48	96	44	44	88
SUBTOTAL - Vehicle Trips (5)	1,032	847	1,879	1,130	874	2,004	878	1,033	1,911
SUBTOTAL - PCE Tripends (6)	1,076	891	1,967	1,178	922	2,100	922	1,077	1,999
PRIVATE PARKING									
Private Vehicles/Other (2)	262	99	361	391	465	856	194	316	510
Shuttles	90	90	180	162	162	324	110	110	220
SUBTOTAL - Vehicle Trips (5)	262	99	361	391	465	856	194	316	510
SUBTOTAL - PCE Tripends (6)	372	189	561	553	627	1,180	304	426	730
CARGO									
Private Vehicles/Other (2)	929	743	1,672	773	763	1,536	977	730	1,707
Truck Tripends (8)	671	512	1,183	587	570	1,157	506	525	1,031
External Truck Trips (9)	637	486	1,124	558	542	1,099	481	499	979
SUBTOTAL - Veh. Trips	1,566	1,229	2,796	1,331	1,305	2,635	1,458	1,229	2,686
SUBTOTAL - PCE Tripends (7)	2,277	1,767	4,038	1,947	1,903	3,850	1,989	1,760	3,769
ANCILLARY									
Private Vehicles/Other (2)	185	151	336	261	191	452	41	148	189
Trucks	405	215	620	356	256	612	84	339	423
SUBTOTAL - Veh. Trips	590	366	956	617	447	1,064	125	487	612
SUBTOTAL - PCE Tripends (7)	965	581	1,576	973	703	1,676	209	826	1,035
COLLATERAL DEVELOPMENT									
LAX Northside	2,793	844	3,637	878	671	1,549	1,022	2,429	3,451
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	950	276	1,226	239	239	478	294	983	1,277
SUBTOTAL - Veh. Trips	2,793	844	3,637	878	671	1,549	1,022	2,429	3,451
SUBTOTAL - PCE Tripends	2,793	844	3,637	878	671	1,549	1,022	2,429	3,451
TOTAL - Vehicle Trips (5)	6,679	3,728	10,408	4,926	4,313	9,238	4,032	5,339	9,570
TOTAL - PCE Tripends (6),(7)	7,943	4,635	12,578	6,132	5,401	11,533	4,821	7,003	11,824
TOTAL AIRPORT VEHICLE TRIPS	11,267	8,753	20,021	12,359	11,249	23,607	8,781	11,839	20,418
TOTAL AIRPORT PCE TRIPENDS	12,531	9,660	22,191	13,665	12,337	25,992	9,570	12,703	22,273
TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends	-2,117	414	-2,531	-967	-603	-1,570	-932	-1,451	-2,383
NET VEH. TRIP GENERATION	9,150	8,339	17,489	11,392	10,646	22,037	7,849	10,188	18,036
NET PCE TRIPEND GENERATION	10,414	9,248	19,660	12,568	11,734	24,332	8,638	11,252	19,890

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent A Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalents.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 95 percent of cargo truck tripends are connected to external (non-airport) zones - 5 percent remain on internal airport roadways.

**PHASE 3F: TRIP GENERATION SUMMARY FOR 2005 ALTERNATIVE A (1)**  
W/ MITIGATION

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,115	3,150	6,265	4,977	4,486	9,343	2,847	4,162	7,009
Rent-A-Car Shuttles	20	20	40	24	24	48	20	20	40
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	70	70	140	124	124	248	90	90	180
Employee Parking Shuttles	20	20	40	24	24	48	20	20	40
Hotel Shuttles	71	71	142	121	121	242	70	70	140
MTA, Schedule, Charter Bus	40	40	80	49	49	98	39	39	78
Misc. Commercial Vehicles	17	17	34	25	25	50	17	17	34
SUBTOTAL - Veh. Trips (3)	3,353	3,388	6,741	5,244	4,833	10,077	3,103	4,418	7,521
SUBTOTAL - PCE Tripends (4)	3,353	3,388	6,741	5,244	4,833	10,077	3,103	4,418	7,521
WEST TERMINAL									
Private Vehicles/Other (2)	1,055	1,019	2,074	1,699	1,635	3,334	985	1,226	2,211
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	38	38	76	20	20	40
Employee Parking Shuttles	24	24	48	24	24	48	24	24	48
Hotel Shuttles	85	85	170	132	132	264	88	88	176
MTA, Schedule, Charter Bus	53	53	106	74	74	148	54	54	108
Misc. Commercial Vehicles	44	44	88	70	70	140	68	68	136
SUBTOTAL - Veh. Trips (3)	1,281	1,245	2,526	2,037	1,973	4,010	1,239	1,480	2,719
SUBTOTAL - PCE Tripends (4)	1,281	1,245	2,526	2,037	1,973	4,010	1,239	1,480	2,719
SUBTOTAL - Veh. Trips	4,634	4,633	9,267	7,281	6,806	14,087	4,342	5,898	10,240
SUBTOTAL - PCE Tripends	4,634	4,633	9,267	7,281	6,806	14,087	4,342	5,898	10,240
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	418	343	759	579	551	1,130	355	445	800
Shuttles	20	20	40	24	24	48	20	20	40
SUBTOTAL - Vehicle Trips (5)	438	363	799	579	551	1,130	355	445	800
SUBTOTAL - PCE Tripends (5)	438	363	799	603	576	1,178	375	465	840
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	150	141	291	147	79	226	252	268	540
Private Autos (fr West Ter.)	49	33	82	73	32	105	55	83	138
Private Autos (fr Cargo)	464	371	835	387	382	769	489	365	854
Private Autos (fr Ancil.)	369	302	671	623	381	904	82	297	379
Shuttles	44	44	88	48	48	96	44	44	88
SUBTOTAL - Vehicle Trips (5)	1,032	847	1,879	1,130	874	2,004	878	1,033	1,911
SUBTOTAL - PCE Tripends (5)	1,076	891	1,967	1,178	922	2,100	922	1,077	1,999
PRIVATE PARKING									
Private Vehicles/Other (2)	282	99	381	391	465	856	194	316	510
Shuttles	90	90	180	182	182	324	110	110	220
SUBTOTAL - Vehicle Trips (5)	282	99	381	391	465	856	194	316	510
SUBTOTAL - PCE Tripends (6)	372	199	561	553	627	1,180	304	426	730
CARGO									
Private Vehicles/Other (2)	929	743	1,672	773	783	1,536	977	730	1,707
Truck Tripends (8)	671	512	1,183	587	570	1,157	506	525	1,031
External Truck Trips (8)	637	486	1,124	568	542	1,099	481	499	979
SUBTOTAL - Veh. Trips	1,566	1,229	2,795	1,331	1,305	2,635	1,458	1,229	2,686
SUBTOTAL - PCE Tripends (7)	2,271	1,767	4,038	1,947	1,903	3,850	1,989	1,780	3,769
ANCILLARY									
Private Vehicles/Other (2)	185	151	336	261	191	452	41	148	189
Trucks	405	215	620	356	256	612	84	339	423
SUBTOTAL - Veh. Trips	590	366	956	617	447	1,064	125	487	612
SUBTOTAL - PCE Tripends (7)	895	581	1,576	973	703	1,676	209	826	1,035
COLLATERAL DEVELOPMENT									
LAX Northside	2,793	844	3,637	878	671	1,549	1,022	2,429	3,451
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	950	276	1,226	239	239	478	294	983	1,277
SUBTOTAL - Veh. Trips	2,793	844	3,637	878	671	1,549	1,022	2,429	3,451
SUBTOTAL - PCE Tripends	2,793	844	3,637	878	671	1,549	1,022	2,429	3,451
TOTAL - Vehicle Trips (5)	6,679	3,728	10,408	4,926	4,313	9,238	4,032	5,339	9,870
TOTAL - PCE Tripends (6),(7)	7,943	4,635	12,578	6,132	5,401	11,533	4,821	7,003	11,824
<b>TOTAL AIRPORT VEHICLE TRIPS</b>									
TOTAL AIRPORT PCE TRIPENDS	11,313	8,361	19,675	12,207	11,119	23,325	8,374	11,937	20,210
	12,577	9,268	21,845	13,413	12,207	25,620	9,163	12,901	22,064
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends</b>									
	-2,117	-414	-2,531	-967	-603	-1,570	-932	-1,451	-2,383
NET VEH. TRIP GENERATION	9,196	7,947	17,144	11,240	10,516	21,755	7,442	10,386	17,827
NET PCE TRIPEND GENERATION	10,460	8,854	19,314	12,446	11,604	24,050	8,231	11,450	19,681

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 95 percent of cargo truck tripends are connected to external (non-airport) zones. 5 percent remain on internal airport roadways.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2005 ALTERNATIVE B (1)**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,140	3,530	6,670	5,044	4,888	9,932	3,367	3,967	7,334
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	72	72	144	126	126	252	92	92	184
Employee Parking Shuttles	20	20	40	24	24	48	20	20	40
Hotel Shuttles	71	71	142	121	121	242	70	70	140
MTA, Scheduled Charter Bus	40	40	80	49	49	98	38	38	76
Misc. Commercial Vehicles	17	17	34	25	25	50	17	17	34
SUBTOTAL - Veh. Trips (3)	3,380	3,750	7,130	5,389	5,033	10,422	3,805	4,225	7,830
SUBTOTAL - PCE Tripends (4)	3,380	3,750	7,130	5,389	5,033	10,422	3,805	4,225	7,830
WEST TERMINAL									
Private Vehicles/Other (2)	1,076	1,089	2,165	1,753	1,773	3,526	1,046	1,291	2,337
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	38	38	76	20	20	40
Employee Parking Shuttles	19	19	38	24	24	48	19	19	38
Hotel Shuttles	75	75	150	119	119	238	73	73	146
MTA, Scheduled Charter Bus	53	53	106	74	74	148	54	54	108
Misc. Commercial Vehicles	44	44	88	70	70	140	68	68	136
SUBTOTAL - Veh. Trips (3)	1,287	1,310	2,597	2,078	2,098	4,176	1,290	1,525	2,805
SUBTOTAL - PCE Tripends (4)	1,287	1,310	2,597	2,078	2,098	4,176	1,290	1,525	2,805
SUBTOTAL - Veh. Trips	4,667	5,060	9,727	7,467	7,131	14,598	4,895	5,750	10,635
SUBTOTAL - PCE Tripends	4,667	5,060	9,727	7,467	7,131	14,598	4,895	5,750	10,635
<b>AIRPORT MISCELLANEOUS</b>									
PUBLIC PARKING									
Private Vehicles/Other (2)	0	0	0	0	0	0	0	0	0
Shuttles	0	0	0	0	0	0	0	0	0
SUBTOTAL - Vehicle Trips (5)	0	0	0	0	0	0	0	0	0
SUBTOTAL - PCE Tripends (6)	0	0	0	0	0	0	0	0	0
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	160	151	311	151	81	232	255	289	544
Private Autos (fr West Ter.)	51	33	84	68	31	99	59	91	150
Private Autos (fr Cargo)	464	371	835	387	382	769	489	365	854
Private Autos (fr Ancil.)	369	302	671	523	381	904	92	297	379
Shuttles	39	39	78	48	48	96	39	39	78
SUBTOTAL - Vehicle Trips (5)	1,044	857	1,901	1,129	875	2,004	885	1,042	1,927
SUBTOTAL - PCE Tripends (6)	1,083	866	1,979	1,177	923	2,100	924	1,081	2,005
PRIVATE PARKING									
Private Vehicles/Other (2)	273	93	366	409	468	877	199	337	536
Shuttles	92	92	184	164	164	328	112	112	224
SUBTOTAL - Vehicle Trips (5)	273	93	366	409	468	877	199	337	536
SUBTOTAL - PCE Tripends (6)	365	185	550	573	632	1,205	311	449	760
CARGO									
Private Vehicles/Other (2)	929	743	1,672	773	763	1,536	977	730	1,707
Truck Tripends (8)	671	512	1,183	587	570	1,157	606	625	1,031
External Truck Trips (8)	637	486	1,124	558	542	1,099	481	499	979
SUBTOTAL - Veh. Trips	1,566	1,229	2,795	1,331	1,305	2,635	1,459	1,229	2,688
SUBTOTAL - PCE Tripends (7)	2,271	1,767	4,038	1,947	1,903	3,850	1,989	1,760	3,769
ANCILLARY									
Private Vehicles/Other (2)	185	151	336	261	191	452	41	148	189
Trucks	405	215	620	356	256	612	64	339	423
SUBTOTAL - Veh. Trips	590	366	956	617	447	1,064	125	487	612
SUBTOTAL - PCE Tripends (7)	995	581	1,576	673	703	1,376	209	826	1,035
COLLATERAL DEVELOPMENT									
LAX Northside	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
SUBTOTAL - PCE Tripends	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
TOTAL - Vehicle Trips (5)	6,624	3,316	9,940	4,674	4,306	8,679	4,049	6,136	10,185
TOTAL - PCE Tripends (6),(7)	7,865	4,200	12,065	5,868	5,072	10,930	4,515	7,177	11,992
TOTAL AIRPORT VEHICLE TRIPS	11,271	8,376	19,648	12,141	11,137	23,277	8,934	11,886	20,819
TOTAL AIRPORT PCE TRIPENDS	12,512	9,260	21,772	13,325	12,203	25,528	9,700	12,927	22,627
TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends	-2,264	-431	-2,695	-1,044	-646	-1,690	932	-1,451	-2,383
NET VEH. TRIP GENERATION	9,007	7,945	16,953	11,097	10,491	21,587	8,002	10,435	18,438
NET PCE TRIPEND GENERATION	10,248	8,829	19,077	12,281	11,557	23,838	8,768	11,476	20,244

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise defined.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 95 percent of cargo truck tripends are connected to external (non-airport) zones. 5 percent remain on internal airport roadways.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2005 ALTERNATIVE B (1)**  
W/ MITIGATION

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,121	3,254	6,375	5,821	4,481	10,302	2,968	4,140	7,128
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	72	72	144	126	126	252	92	92	184
Employee Parking Shuttles	20	20	40	24	24	48	20	20	40
Hotel Shuttles	71	71	142	121	121	242	70	70	140
MTA, Schedule, Charter Bus	40	40	80	49	49	98	39	39	78
Misc. Commercial Vehicles	17	17	34	25	25	50	17	17	34
SUBTOTAL - Veh. Trips (3)	3,341	3,474	6,815	6,166	4,826	10,992	3,226	4,378	7,604
SUBTOTAL - PCE Tripends (4)	3,341	3,474	6,815	6,166	4,826	10,992	3,226	4,378	7,604
WEST TERMINAL									
Private Vehicles/Other (2)	1,076	1,099	2,175	1,753	1,773	3,526	1,045	1,291	2,336
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	38	38	76	20	20	40
Employee Parking Shuttles	19	19	38	24	24	48	19	19	38
Hotel Shuttles	75	75	150	119	119	238	73	73	146
MTA, Schedule, Charter Bus	53	53	106	74	74	148	54	54	108
Misc. Commercial Vehicles	44	44	88	70	70	140	68	68	136
SUBTOTAL - Veh. Trips (3)	1,287	1,310	2,597	2,078	2,098	4,176	1,279	1,526	2,804
SUBTOTAL - PCE Tripends (4)	1,287	1,310	2,597	2,078	2,098	4,176	1,279	1,526	2,804
SUBTOTAL - Veh. Trips	4,628	4,784	9,412	8,244	6,924	15,168	4,505	5,903	10,408
SUBTOTAL - PCE Tripends	4,628	4,784	9,412	8,244	6,924	15,168	4,505	5,903	10,408
<b>AIRPORT MISCELLANEOUS</b>									
PUBLIC PARKING									
Private Vehicles/Other (2)	0	0	0	0	0	0	0	0	0
Shuttles	0	0	0	0	0	0	0	0	0
SUBTOTAL - Vehicle Trips (5)	0	0	0	0	0	0	0	0	0
SUBTOTAL - PCE Tripends (6)	0	0	0	0	0	0	0	0	0
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	160	151	311	151	81	232	255	289	544
Private Autos (fr West Ter.)	51	33	84	68	31	99	59	91	150
Private Autos (fr Cargo)	464	371	835	387	382	769	499	366	865
Private Autos (fr Arr'l)	369	302	671	523	381	904	82	297	379
Shuttles	39	39	78	48	48	96	39	39	78
SUBTOTAL - Vehicle Trips (5)	1,044	867	1,901	1,129	875	2,004	895	1,042	1,927
SUBTOTAL - PCE Tripends (6)	1,083	886	1,979	1,177	923	2,100	924	1,081	2,005
PRIVATE PARKING									
Private Vehicles/Other (2)	273	93	366	409	468	877	199	337	536
Shuttles	92	92	184	164	164	328	112	112	224
SUBTOTAL - Vehicle Trips (5)	273	93	366	409	468	877	199	337	536
SUBTOTAL - PCE Tripends (6)	365	185	550	573	632	1,205	311	449	760
CARGO									
Private Vehicles/Other (2)	929	743	1,672	773	763	1,536	977	730	1,707
Truck Tripends (8)	671	512	1,183	587	570	1,157	506	525	1,031
External Truck Trips (8)	637	486	1,124	558	542	1,099	481	499	979
SUBTOTAL - Veh. Trips	1,596	1,229	2,796	1,331	1,305	2,635	1,458	1,229	2,686
SUBTOTAL - PCE Tripends (7)	2,271	1,767	4,038	1,947	1,903	3,850	1,989	1,790	3,769
ANCILLARY									
Private Vehicles/Other (2)	185	151	336	261	191	452	41	148	189
Trucks	435	215	620	356	256	612	84	339	423
SUBTOTAL - Veh. Trips	590	366	956	617	447	1,064	125	487	612
SUBTOTAL - PCE Tripends (7)	995	581	1,576	973	703	1,676	209	826	1,035
COLLATERAL DEVELOPMENT									
LAX Northside	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
SUBTOTAL - PCE Tripends	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
TOTAL - Vehicle Trips (5)	6,624	3,316	9,941	4,674	4,006	8,679	4,049	6,136	10,184
TOTAL - PCE Tripends (6),(7)	7,865	4,200	12,065	5,658	5,072	10,930	4,815	7,177	11,992
TOTAL AIRPORT VEHICLE TRIPS	11,262	8,100	19,353	12,918	10,930	23,847	8,554	12,039	20,592
TOTAL AIRPORT PCE TRIPENDS	12,493	8,984	21,477	14,102	11,996	26,098	9,320	13,080	22,400
TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends	-2,264	-431	-2,695	-1,044	-646	-1,690	-932	-1,451	-2,383
NET VEH. TRIP GENERATION	8,998	7,669	16,659	11,874	10,284	22,157	7,622	10,588	18,209
NET PCE TRIPEND GENERATION	10,229	8,553	18,782	13,058	11,350	24,408	8,388	11,629	20,017

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limousines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 85 percent of cargo truck tripends are connected to external (non-airport) zones. 5 percent remain on internal airport roadways.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2005 ALTERNATIVE C (1)**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	2,862	3,006	5,868	4,489	4,012	8,481	3,302	3,895	7,197
Rent-A-Car Shuttles	20	20	40	30	30	60	19	19	38
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	61	61	122	105	105	210	69	69	138
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	60	60	120	117	117	234	57	57	102
MTA, Schedule, Charter Bus	30	30	60	37	37	74	30	30	60
Misc. Commercial Vehicles	12	12	24	20	20	40	12	12	24
SUBTOTAL - Veh. Trips (3)	3,066	3,210	6,276	4,802	4,345	9,147	3,502	4,095	7,597
SUBTOTAL - PCE Tripends (4)	3,066	3,210	6,276	4,802	4,345	9,147	3,502	4,095	7,597
WEST TERMINAL									
Private Vehicles/Other (2)	1,010	1,054	2,064	1,813	1,705	3,518	730	723	1,453
Rent-A-Car Shuttles	10	10	20	10	10	20	10	10	20
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	38	38	76	20	20	40
Employee Parking Shuttles	19	19	38	24	24	48	19	19	38
Hotel Shuttles	86	86	172	134	134	268	83	83	166
MTA, Schedule, Charter Bus	62	62	124	82	82	164	66	66	132
Misc. Commercial Vehicles	49	49	98	78	78	156	75	75	150
SUBTOTAL - Veh. Trips (3)	1,256	1,300	2,556	2,179	2,071	4,250	1,003	996	1,999
SUBTOTAL - PCE Tripends (4)	1,256	1,300	2,556	2,179	2,071	4,250	1,003	996	1,999
SUBTOTAL - Veh. Trips	4,322	4,510	8,832	6,981	6,416	13,397	4,505	5,091	9,596
SUBTOTAL - PCE Tripends	4,322	4,510	8,832	6,981	6,416	13,397	4,505	5,091	9,596
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	485	368	853	785	785	1,540	438	545	983
Shuttles (fr East Ter.)	20	20	40	30	30	60	19	19	38
Shuttles (fr West Ter.)	10	10	20	10	10	20	10	10	20
SUBTOTAL - Vehicle Trips (5)	485	368	853	785	785	1,540	438	545	983
SUBTOTAL - PCE Tripends (6)	1,300	786	1,766	1,660	1,610	3,160	905	1,119	2,024
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	126	115	241	104	74	178	248	272	520
Private Autos (fr West Ter.)	57	35	92	72	33	105	60	94	154
Private Autos (fr Cargo)	464	371	835	387	382	769	489	365	854
Private Autos (fr Ancil.)	369	302	671	523	381	904	82	297	379
Shuttles	40	40	80	48	48	96	38	38	76
SUBTOTAL - Vehicle Trips (5)	1,016	823	1,839	1,086	870	1,956	879	1,028	1,907
SUBTOTAL - PCE Tripends (6)	1,066	863	1,919	1,134	918	2,052	917	1,066	1,983
PRIVATE PARKING									
Private Vehicles/Other (2)	245	99	344	399	464	863	198	353	551
Shuttles	81	81	162	143	143	286	89	89	178
SUBTOTAL - Vehicle Trips (5)	245	99	344	399	464	863	198	353	551
SUBTOTAL - PCE Tripends (6)	326	180	506	542	607	1,149	267	442	729
CARGO									
Private Vehicles/Other (2)	929	743	1,672	773	763	1,536	977	730	1,707
Truck Tripends (8)	671	512	1,183	587	570	1,157	506	525	1,031
External Truck Trips (8)	637	496	1,124	558	542	1,099	481	499	979
SUBTOTAL - Veh. Trips	1,566	1,229	2,796	1,331	1,305	2,635	1,458	1,229	2,686
SUBTOTAL - PCE Tripends (7)	2,271	1,767	4,038	1,947	1,903	3,850	1,989	1,780	3,769
ANCILLARY									
Private Vehicles/Other (2)	185	151	336	281	191	452	41	148	189
Trucks	405	215	620	356	256	612	84	339	423
SUBTOTAL - Veh. Trips	590	366	956	617	447	1,064	125	487	612
SUBTOTAL - PCE Tripends (7)	995	581	1,576	973	703	1,676	209	826	1,035
COLLATERAL DEVELOPMENT									
LAX Northside	1,923	470	2,393	763	594	1,357	889	1,900	2,789
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	1,923	470	2,393	763	594	1,357	889	1,900	2,789
SUBTOTAL - PCE Tripends	1,923	470	2,393	763	594	1,357	889	1,900	2,789
TOTAL - Vehicle Trips (5)	5,825	3,355	9,181	4,951	4,465	9,415	3,987	5,542	9,529
TOTAL - PCE Tripends (6),(7)	7,571	4,627	12,198	6,939	6,335	13,244	5,196	7,133	12,329
<b>TOTAL AIRPORT VEHICLE TRIPS</b>	<b>10,147</b>	<b>7,865</b>	<b>18,013</b>	<b>11,932</b>	<b>10,881</b>	<b>22,812</b>	<b>8,492</b>	<b>10,633</b>	<b>19,124</b>
<b>TOTAL AIRPORT PCE TRIPENDS</b>	<b>11,893</b>	<b>9,137</b>	<b>21,030</b>	<b>13,890</b>	<b>12,751</b>	<b>26,641</b>	<b>9,701</b>	<b>12,224</b>	<b>21,925</b>
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends</b>	<b>-2,263</b>	<b>-431</b>	<b>-2,694</b>	<b>-1,044</b>	<b>-846</b>	<b>-1,690</b>	<b>-993</b>	<b>-1,639</b>	<b>-2,622</b>
<b>NET VEH. TRIP GENERATION</b>	<b>7,884</b>	<b>7,434</b>	<b>15,319</b>	<b>10,888</b>	<b>10,235</b>	<b>21,127</b>	<b>7,509</b>	<b>9,094</b>	<b>16,602</b>
<b>NET PCE TRIPEND GENERATION</b>	<b>9,630</b>	<b>8,706</b>	<b>18,336</b>	<b>12,846</b>	<b>12,105</b>	<b>24,951</b>	<b>8,718</b>	<b>10,685</b>	<b>19,403</b>

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limousines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 95 percent of cargo truck tripends are connected to external (non-airport) zones. 5 percent remain on internal airport roadways.



# PHASE 3F TRIP GENERATION SUMMARY FOR 2005 ALTERNATIVE C (1)

W/ MITIGATION

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	2,824	2,671	5,795	4,270	3,834	8,104	2,912	4,070	6,982
Rent-A-Car Shuttles	20	20	40	30	30	60	19	19	38
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	61	61	122	105	105	210	69	69	138
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	60	60	120	117	117	234	51	51	102
MTA, Schedule, Charter Bus	30	30	60	37	37	74	30	30	60
Misc. Commercial Vehicles	12	12	24	20	20	40	12	12	24
SUBTOTAL - Veh. Trips (3)	3,128	3,075	6,203	4,603	4,167	8,770	3,112	4,270	7,382
SUBTOTAL - PCE Tripends (4)	3,128	3,075	6,203	4,603	4,167	8,770	3,112	4,270	7,382
WEST TERMINAL									
Private Vehicles/Other (2)	1,348	1,320	2,668	2,289	2,074	4,373	1,178	1,155	2,333
Rent-A-Car Shuttles	20	20	40	30	30	60	19	19	38
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	38	38	76	20	20	40
Employee Parking Shuttles	19	19	38	24	24	48	19	19	38
Hotel Shuttles	66	66	132	134	134	268	83	83	166
MTA, Schedule, Charter Bus	62	62	124	82	82	164	66	66	132
Misc. Commercial Vehicles	49	49	98	78	78	156	75	75	150
SUBTOTAL - Veh. Trips (3)	1,605	1,576	3,181	2,686	2,460	5,146	1,460	1,437	2,897
SUBTOTAL - PCE Tripends (4)	1,605	1,576	3,181	2,686	2,460	5,146	1,460	1,437	2,897
SUBTOTAL - Veh. Trips	4,733	4,651	9,384	7,288	6,627	13,915	4,572	5,707	10,279
SUBTOTAL - PCE Tripends	4,733	4,651	9,384	7,288	6,627	13,915	4,572	5,707	10,279
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	484	368	852	755	786	1,541	438	544	982
Shuttles (fr East Ter.)	20	20	40	30	30	60	19	19	38
Shuttles (fr West Ter.)	20	20	40	30	30	60	19	19	38
SUBTOTAL - Vehicle Trips (5)	484	368	852	755	786	1,541	438	544	982
SUBTOTAL - PCE Tripends (6)	1,008	776	1,784	1,570	1,632	3,202	914	1,126	2,040
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	125	115	240	104	74	178	248	272	520
Private Autos (fr West Ter.)	57	35	92	72	33	105	60	84	154
Private Autos (fr Cargo)	464	371	835	387	382	769	489	365	854
Private Autos (fr Arr'l)	369	302	671	523	381	904	82	297	379
Shuttles	40	40	80	48	48	96	38	38	76
SUBTOTAL - Vehicle Trips (5)	1,015	823	1,838	1,086	870	1,956	879	1,028	1,907
SUBTOTAL - PCE Tripends (6)	1,055	863	1,918	1,134	918	2,052	917	1,066	1,983
PRIVATE PARKING									
Private Vehicles/Other (2)	245	99	344	399	464	863	198	363	561
Shuttles	81	81	162	143	143	286	89	89	178
SUBTOTAL - Vehicle Trips (5)	245	99	344	399	464	863	198	363	561
SUBTOTAL - PCE Tripends (6)	326	180	506	542	607	1,149	287	442	729
CARGO									
Private Vehicles/Other (2)	929	743	1,672	773	763	1,536	977	730	1,707
Truck Tripends (8)	671	512	1,183	587	570	1,157	506	525	1,031
External Truck Trips (8)	637	486	1,124	558	542	1,099	481	499	979
SUBTOTAL - Veh. Trips	1,566	1,229	2,796	1,331	1,306	2,635	1,458	1,229	2,686
SUBTOTAL - PCE Tripends (7)	2,271	1,767	4,038	1,947	1,903	3,850	1,989	1,760	3,769
ANCILLARY									
Private Vehicles/Other (2)	185	151	336	261	191	452	41	148	189
Trucks	405	215	620	356	256	612	84	339	423
SUBTOTAL - Veh. Trips	590	366	956	617	447	1,064	125	487	612
SUBTOTAL - PCE Tripends (7)	995	581	1,576	973	703	1,676	209	826	1,035
COLLATERAL DEVELOPMENT									
LAX Northside	1,923	470	2,393	763	594	1,357	889	1,900	2,789
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	1,923	470	2,393	763	594	1,357	889	1,900	2,789
SUBTOTAL - PCE Tripends	1,923	470	2,393	763	594	1,357	889	1,900	2,789
TOTAL - Vehicle Trips (5)	5,823	3,355	9,179	4,961	4,466	9,416	3,987	5,541	9,527
TOTAL - PCE Tripends (6),(7)	7,578	4,637	12,215	6,929	6,367	13,286	5,205	7,140	12,345
<b>TOTAL AIRPORT VEHICLE TRIPS</b>									
TOTAL AIRPORT PCE TRIPENDS	10,556	8,006	18,563	12,239	11,093	23,331	9,550	11,249	19,806
TOTAL AIRPORT PCE TRIPENDS	12,311	9,288	21,599	14,217	12,984	27,201	9,777	12,847	22,624
<b>TRIPS ELIMINATED DUE TO</b>									
LAND ACQUISITION - PCE Tripends	-2,263	-431	-2,694	-1,044	646	-1,690	-983	-1,539	-2,522
NET VEH. TRIP GENERATION	8,293	7,575	15,868	11,195	10,447	21,641	7,576	9,709	17,284
NET PCE TRIPEND GENERATION	10,048	8,857	18,905	13,173	12,338	25,511	8,794	11,308	20,102

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 95 percent of cargo truck tripends are connected to external (non airport) zones. 5 percent remain on internal airport roadways.

**TRIP GENERATION SUMMARY FOR 2005 NO ACTION/NO PROJECT ALTERNATIVE (1)**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,711	3,768	7,479	6,474	5,883	12,157	3,442	4,868	8,310
Rent-A-Car Shuttles	310	310	620	404	404	808	308	308	616
Public Parking Shuttles	25	25	50	25	25	50	25	25	50
Private Parking Shuttles	78	78	156	105	105	210	83	83	166
Employee Parking Shuttles	12	12	24	12	12	24	12	12	24
Hotel Shuttles	110	110	220	140	140	280	115	115	230
SUBTOTAL - Veh. Trips (3)	4,246	4,303	8,549	7,160	6,369	13,529	3,985	5,411	9,396
SUBTOTAL - PCE Tripends (4)	4,246	4,303	8,549	7,160	6,369	13,529	3,985	5,411	9,396
<b>AIRPORT MISCELLANEOUS</b>									
<b>RENT-A-CAR</b>									
Private Vehicles/Other (2)	452	367	819	859	839	1,698	405	425	830
Shuttles	310	310	620	404	404	808	308	308	616
SUBTOTAL - Vehicle Trips (5)	452	367	819	859	839	1,698	405	425	830
SUBTOTAL - PCE Tripends (6)	762	677	1,439	1,263	1,243	2,506	713	733	1,446
<b>PUBLIC PARKING</b>									
Private Vehicles/Other (2)	110	45	155	130	100	230	88	113	181
Shuttles	25	25	50	25	25	50	25	25	50
SUBTOTAL - Vehicle Trips (5)	110	45	155	130	100	230	88	113	181
SUBTOTAL - PCE Tripends (6)	135	70	205	155	125	280	93	138	231
<b>EMPLOYEE PARKING</b>									
Private Vehicles/Other (2)	193	83	276	188	128	268	268	363	631
Shuttles	12	12	24	12	12	24	12	12	24
SUBTOTAL - Vehicle Trips (5)	193	83	276	188	128	316	268	363	631
SUBTOTAL - PCE Tripends (6)	205	95	300	200	140	340	280	375	655
<b>PRIVATE PARKING</b>									
Private Vehicles/Other (2)	200	165	365	301	270	571	241	268	509
Shuttles	78	78	156	105	105	210	83	83	166
SUBTOTAL - Vehicle Trips (5)	200	165	365	301	270	571	241	268	509
SUBTOTAL - PCE Tripends (6)	278	243	521	406	375	781	324	351	675
<b>WORLD WAY WEST</b>									
Private Vehicles/Other (1)	405	190	595	575	580	1,135	133	321	454
SUBTOTAL - Veh. Trips	405	190	595	575	580	1,135	133	321	454
SUBTOTAL - PCE Tripends (7)	446	209	655	633	616	1,249	146	353	499
<b>CARGO</b>									
Private Vehicles/Other (2)	1,393	1,114	2,507	1,160	1,145	2,305	1,466	1,095	2,561
Trucks	671	512	1,183	587	570	1,157	506	525	1,031
SUBTOTAL - Veh. Trips	2,064	1,626	3,690	1,747	1,715	3,462	1,972	1,620	3,592
SUBTOTAL - PCE Tripends (7)	2,735	2,138	4,873	2,334	2,285	4,619	2,478	2,145	4,623
<b>ANCILLARY</b>									
Private Vehicles/Other (2)	570	317	887	350	146	496	78	484	560
Trucks	244	136	380	150	63	213	32	207	239
SUBTOTAL - Veh. Trips	814	453	1,267	500	209	709	108	691	799
SUBTOTAL - PCE Tripends (7)	1,058	589	1,647	650	272	922	140	898	1,038
<b>COLLATERAL DEVELOPMENT</b>									
LAX Northside	2,949	632	3,581	732	542	1,274	839	2,734	3,573
Continental City	2,367	308	2,675	381	381	762	532	2,189	2,721
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	5,316	940	6,256	1,113	923	2,036	1,371	4,923	6,294
SUBTOTAL - PCE Tripends	5,316	940	6,256	1,113	923	2,036	1,371	4,923	6,294
TOTAL - Vehicle Trips (5)	9,554	3,869	13,423	5,413	4,744	10,157	4,565	8,724	13,290
TOTAL - PCE Tripends (6),(7)	10,935	4,961	15,896	6,754	5,979	12,733	5,545	9,916	15,461
<b>TOTAL AIRPORT VEHICLE TRIPS</b>	<b>13,800</b>	<b>8,172</b>	<b>21,972</b>	<b>12,573</b>	<b>11,113</b>	<b>23,686</b>	<b>8,551</b>	<b>14,135</b>	<b>22,686</b>
<b>TOTAL AIRPORT PCE TRIPENDS</b>	<b>15,181</b>	<b>9,264</b>	<b>24,445</b>	<b>13,914</b>	<b>12,348</b>	<b>26,262</b>	<b>9,530</b>	<b>15,327</b>	<b>24,857</b>
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION -PCE Tripends</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NET VEH. TRIP GENERATION</b>	<b>13,800</b>	<b>8,172</b>	<b>21,972</b>	<b>12,573</b>	<b>11,113</b>	<b>23,686</b>	<b>8,551</b>	<b>14,135</b>	<b>22,686</b>
<b>NET PCE TRIPEND GENERATION</b>	<b>15,181</b>	<b>9,264</b>	<b>24,445</b>	<b>13,914</b>	<b>12,348</b>	<b>26,262</b>	<b>9,530</b>	<b>15,327</b>	<b>24,857</b>

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.

**TRIP GENERATION SUMMARY FOR 2005 NO ACTION/NO PROJECT ALTERNATIVE (1)**  
W/ MITIGATION

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,928	3,993	7,921	6,647	5,793	12,440	3,642	5,341	8,983
Rent-A-Car Shuttles	64	64	128	94	94	188	60	60	120
Public Parking Shuttles	25	25	50	25	25	50	25	25	50
Private Parking Shuttles	78	78	156	105	105	210	83	83	166
Employee Parking Shuttles	12	12	24	12	12	24	12	12	24
Hotel Shuttles	110	110	220	140	140	280	115	115	230
SUBTOTAL - Veh. Trips (3)	4,217	4,282	8,499	7,023	6,169	13,192	3,937	5,636	9,573
SUBTOTAL - PCE Tripends (4)	4,217	4,282	8,499	7,023	6,169	13,192	3,937	5,636	9,573
<b>AIRPORT MISCELLANEOUS</b>									
<b>RENT-A-CAR</b>									
Private Vehicles/Other (2)	452	367	819	859	839	1,698	405	425	830
Shuttles	64	64	128	94	94	188	60	60	120
SUBTOTAL - Vehicle Trips (5)	452	367	819	859	839	1,698	405	425	830
SUBTOTAL - PCE Tripends (6)	516	431	947	953	933	1,886	465	485	950
<b>PUBLIC PARKING</b>									
Private Vehicles/Other (2)	110	45	155	130	100	230	68	113	181
Shuttles	25	25	50	25	25	50	25	25	50
SUBTOTAL - Vehicle Trips (5)	110	45	155	130	100	230	68	113	181
SUBTOTAL - PCE Tripends (6)	135	70	205	155	125	280	93	138	231
<b>EMPLOYEE PARKING</b>									
Private Vehicles/Other (2)	193	83	276	188	128	268	268	363	631
Shuttles	12	12	24	12	12	24	12	12	24
SUBTOTAL - Vehicle Trips (5)	193	83	276	188	128	316	288	363	631
SUBTOTAL - PCE Tripends (6)	205	95	300	200	140	340	280	375	655
<b>PRIVATE PARKING</b>									
Private Vehicles/Other (2)	200	165	365	301	270	571	241	268	509
Shuttles	78	78	156	105	105	210	83	83	166
SUBTOTAL - Vehicle Trips (5)	200	165	365	301	270	571	241	268	509
SUBTOTAL - PCE Tripends (6)	278	243	521	406	375	781	324	351	675
<b>WORLD WAY WEST</b>									
Private Vehicles/Other (3)	405	190	595	575	560	1,135	133	321	454
SUBTOTAL - Veh. Trips	405	190	595	575	560	1,135	133	321	454
SUBTOTAL - PCE Tripends (7)	446	209	655	633	616	1,249	146	353	499
<b>CARGO</b>									
Private Vehicles/Other (2)	1,393	1,114	2,507	1,160	1,145	2,305	1,466	1,095	2,561
Trucks	671	512	1,183	587	570	1,157	506	525	1,031
SUBTOTAL - Veh. Trips	2,064	1,626	3,690	1,747	1,715	3,462	1,972	1,620	3,592
SUBTOTAL - PCE Tripends (7)	2,735	2,138	4,873	2,334	2,285	4,619	2,478	2,145	4,623
<b>ANCILLARY</b>									
Private Vehicles/Other (2)	570	317	887	350	146	496	75	484	560
Trucks	244	136	380	150	63	213	32	207	239
SUBTOTAL - Veh. Trips	814	453	1,267	500	209	709	108	691	799
SUBTOTAL - PCE Tripends (7)	1,058	589	1,647	650	272	922	140	898	1,038
<b>COLLATERAL DEVELOPMENT</b>									
LAX Northside	2,356	465	2,821	450	389	839	614	2,160	2,774
Continental City	1,895	248	2,143	311	311	622	433	1,758	2,191
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	4,251	713	4,964	761	700	1,461	1,047	3,918	4,965
SUBTOTAL - PCE Tripends	4,251	713	4,964	761	700	1,461	1,047	3,918	4,965
<b>TOTAL - Vehicle Trips (5)</b>	<b>8,489</b>	<b>3,642</b>	<b>12,131</b>	<b>5,061</b>	<b>4,521</b>	<b>9,582</b>	<b>4,242</b>	<b>7,719</b>	<b>11,961</b>
<b>TOTAL - PCE Tripends (6),(7)</b>	<b>9,624</b>	<b>4,488</b>	<b>14,112</b>	<b>6,092</b>	<b>5,446</b>	<b>11,538</b>	<b>4,973</b>	<b>8,663</b>	<b>13,636</b>
<b>TOTAL AIRPORT VEHICLE TRIPS</b>	<b>12,706</b>	<b>7,924</b>	<b>20,630</b>	<b>12,084</b>	<b>10,690</b>	<b>22,774</b>	<b>8,179</b>	<b>13,355</b>	<b>21,534</b>
<b>TOTAL AIRPORT PCE TRIPENDS</b>	<b>13,841</b>	<b>8,770</b>	<b>22,611</b>	<b>13,115</b>	<b>11,615</b>	<b>24,730</b>	<b>8,910</b>	<b>14,299</b>	<b>23,209</b>
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION -PCE Tripends</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NET VEH. TRIP GENERATION</b>	<b>12,706</b>	<b>7,924</b>	<b>20,630</b>	<b>12,084</b>	<b>10,690</b>	<b>22,774</b>	<b>8,179</b>	<b>13,355</b>	<b>21,534</b>
<b>NET PCE TRIPEND GENERATION</b>	<b>13,841</b>	<b>8,770</b>	<b>22,611</b>	<b>13,115</b>	<b>11,615</b>	<b>24,730</b>	<b>8,910</b>	<b>14,299</b>	<b>23,209</b>

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2015 ALTERNATIVE A (1)**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,033	2,461	5,494	3,877	3,355	7,032	2,920	3,068	5,988
Rent-A-Car Shuttles	20	20	40	30	30	60	19	19	38
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	64	64	128	110	111	221	72	72	144
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	53	53	106	110	110	220	48	48	96
MTA, Schedule, Charter Bus	33	33	66	40	40	80	32	32	64
Misc. Commercial Vehicles	12	12	24	20	20	40	12	12	24
SUBTOTAL - Veh. Trips (3)	3,236	2,664	5,900	4,011	3,690	7,701	3,122	3,270	6,392
SUBTOTAL - PCE Tripends (4)	3,236	2,664	5,900	4,011	3,690	7,701	3,122	3,270	6,392
WEST TERMINAL									
Private Vehicles/Other (2)	2,836	2,508	5,344	5,516	5,784	11,300	3,608	4,181	7,789
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	30	30	60	20	20	40
Employee Parking Shuttles	20	20	40	24	24	48	19	19	38
Hotel Shuttles	51	51	102	98	98	196	51	51	102
MTA, Schedule, Charter Bus	24	24	48	30	30	60	24	24	48
Misc. Commercial Vehicles	78	77	155	120	120	240	106	106	212
SUBTOTAL - Veh. Trips (3)	3,079	2,703	5,729	5,818	6,086	11,904	3,528	4,401	8,229
SUBTOTAL - PCE Tripends (4)	3,079	2,703	5,729	5,818	6,086	11,904	3,528	4,401	8,229
SUBTOTAL - Veh. Trips	6,265	5,364	11,629	9,829	9,776	19,605	6,650	7,671	14,621
SUBTOTAL - PCE Tripends	6,265	5,364	11,629	9,829	9,776	19,605	6,650	7,671	14,621
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	278	213	491	451	445	896	280	321	601
Shuttles	20	20	40	30	30	60	19	19	38
SUBTOTAL - Vehicle Trips (5)	278	213	491	451	445	896	280	321	601
SUBTOTAL - PCE Tripends (6)	298	233	531	481	475	956	299	340	639
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	109	109	218	110	59	169	82	201	283
Private Autos (fr West Ter.)	99	76	175	137	57	194	90	171	261
Private Autos (fr Cargo)	644	522	1,166	530	525	1,055	674	507	1,181
Private Autos (fr Ancil.)	472	357	829	612	448	1,060	103	380	483
Shuttles	41	41	82	48	48	96	38	38	76
SUBTOTAL - Vehicle Trips (5)	1,324	1,064	2,388	1,389	1,089	2,478	949	1,259	2,208
SUBTOTAL - PCE Tripends (6)	1,365	1,105	2,470	1,437	1,137	2,574	987	1,297	2,284
PRIVATE PARKING									
Private Vehicles/Other (2)	217	172	389	383	379	762	147	268	415
Shuttles	84	84	168	140	141	281	92	92	184
SUBTOTAL - Vehicle Trips (5)	217	172	389	383	379	762	147	268	415
SUBTOTAL - PCE Tripends (6)	301	256	557	523	520	1,043	239	360	599
CARGO									
Private Vehicles/Other (2)	1,288	1,045	2,333	1,061	1,350	2,411	1,347	1,013	2,360
Truck Tripends(8)	907	708	1,615	775	759	1,534	692	611	1,303
External Truck Trips(8)	816	637	1,454	688	683	1,381	623	550	1,173
SUBTOTAL - Veh. Trips	2,104	1,682	3,787	1,759	1,733	3,492	1,670	1,563	3,533
SUBTOTAL - PCE Tripends (7)	3,102	2,461	5,563	2,611	2,568	5,179	2,731	2,235	4,966
ANCILLARY									
Private Vehicles/Other (2)	236	178	414	306	224	530	52	160	242
Trucks	471	250	721	413	308	721	97	364	491
SUBTOTAL - Veh. Trips	707	428	1,135	719	532	1,251	149	584	733
SUBTOTAL - PCE Tripends (7)	1,178	678	1,856	1,132	840	1,972	246	978	1,224
COLLATERAL DEVELOPMENT									
LAX Northside	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	293	141	434	155	155	310	193	244	437
SUBTOTAL - Veh. Trips	3,444	912	4,356	1,343	1,066	2,409	1,575	3,285	4,860
SUBTOTAL - PCE Tripends	3,444	912	4,356	1,343	1,066	2,409	1,575	3,285	4,860
TOTAL - Vehicle Trips (5)	8,074	4,471	12,546	6,044	5,244	11,288	5,370	7,260	12,360
TOTAL - PCE Tripends (6),(7)	9,888	5,645	15,333	7,627	6,606	14,133	6,377	8,495	14,572
<b>TOTAL AIRPORT VEHICLE TRIPS</b>	<b>14,339</b>	<b>9,835</b>	<b>24,175</b>	<b>15,873</b>	<b>15,020</b>	<b>30,893</b>	<b>12,020</b>	<b>14,951</b>	<b>26,971</b>
<b>TOTAL AIRPORT PCE TRIPENDS</b>	<b>15,953</b>	<b>11,009</b>	<b>26,962</b>	<b>17,356</b>	<b>16,382</b>	<b>33,738</b>	<b>13,027</b>	<b>16,166</b>	<b>29,193</b>
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends</b>	<b>-2,170</b>	<b>-420</b>	<b>-2,590</b>	<b>-984</b>	<b>624</b>	<b>-1,608</b>	<b>-926</b>	<b>-1,447</b>	<b>-2,373</b>
<b>NET VEH. TRIP GENERATION</b>	<b>12,169</b>	<b>9,415</b>	<b>21,585</b>	<b>14,889</b>	<b>14,396</b>	<b>29,285</b>	<b>11,094</b>	<b>13,604</b>	<b>24,588</b>
<b>NET PCE TRIPEND GENERATION</b>	<b>13,783</b>	<b>10,589</b>	<b>24,372</b>	<b>16,372</b>	<b>15,758</b>	<b>32,130</b>	<b>12,101</b>	<b>14,719</b>	<b>26,820</b>

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 99 percent of cargo truck tripends are connected to external (non-airport) zones. 10 percent remain on internal airport roadways.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2015 ALTERNATIVE A (1)  
WITH ON-AIRPORT MITIGATION**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	2,675	2,336	5,011	3,468	3,156	6,624	2,480	2,957	5,437
Rent-A-Car Shuttles	20	20	40	30	30	60	19	19	38
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	72	72	144	120	121	241	80	80	160
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	115	110	225	240	240	480	114	120	234
MTA, Schedule, Charter Bus	33	33	66	40	40	80	32	32	64
Misc. Commercial Vehicles	78	61	139	142	129	271	74	76	150
SUBTOTAL - Veh. Trips (3)	3,014	2,653	5,667	4,054	3,739	7,793	2,818	3,303	6,121
SUBTOTAL - PCE Trips (4)	3,014	2,653	5,667	4,054	3,739	7,793	2,818	3,303	6,121
WEST TERMINAL									
Private Vehicles/Other (2)	2,834	2,509	5,343	5,516	5,784	11,300	3,608	4,181	7,789
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	30	30	60	20	20	40
Employee Parking Shuttles	20	20	40	24	24	48	19	19	38
Hotel Shuttles	51	51	102	98	98	196	51	61	102
MTA, Schedule, Charter Bus	24	24	48	30	30	60	24	24	48
Misc. Commercial Vehicles	78	77	155	120	120	240	106	106	212
SUBTOTAL - Veh. Trips (3)	3,027	2,701	5,728	5,818	6,086	11,904	3,828	4,401	8,229
SUBTOTAL - PCE Trips (4)	3,027	2,701	5,728	5,818	6,086	11,904	3,828	4,401	8,229
SUBTOTAL - Veh. Trips	6,041	5,354	11,395	9,872	9,826	19,697	6,646	7,704	14,350
SUBTOTAL - PCE Trips	6,041	5,354	11,395	9,872	9,826	19,697	6,646	7,704	14,350
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	278	213	491	451	445	896	280	321	601
Shuttles	20	20	40	30	30	60	19	19	38
SUBTOTAL - Vehicle Trips (5)	278	213	491	451	445	896	280	321	601
SUBTOTAL - PCE Trips (6)	298	233	531	481	475	956	299	340	639
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	109	100	218	110	59	169	82	201	283
Private Autos (fr West Ter.)	99	76	175	137	67	194	90	171	261
Private Autos (fr Cargo)	544	522	1,066	530	525	1,055	674	507	1,181
Private Autos (fr Ancil.)	472	357	829	612	448	1,060	103	380	483
Shuttles	41	41	82	48	48	96	38	38	76
SUBTOTAL - Vehicle Trips (5)	1,324	1,064	2,388	1,389	1,089	2,478	949	1,259	2,208
SUBTOTAL - PCE Trips (6)	1,365	1,105	2,470	1,437	1,137	2,574	987	1,297	2,284
PRIVATE PARKING									
Private Vehicles/Other (2)	217	172	389	383	379	762	147	268	415
Shuttles	92	92	184	150	151	301	100	100	200
SUBTOTAL - Vehicle Trips (5)	217	172	389	383	379	762	147	268	415
SUBTOTAL - PCE Trips (6)	309	264	573	533	530	1,063	247	368	615
CARGO									
Private Vehicles/Other (2)	1,288	1,045	2,333	1,061	1,050	2,111	1,347	1,013	2,360
Truck Trips (8)	907	708	1,615	775	759	1,534	692	611	1,303
External Truck Trips (8)	816	637	1,454	698	683	1,381	623	550	1,173
SUBTOTAL - Veh. Trips	2,104	1,682	3,787	1,759	1,733	3,492	1,970	1,563	3,533
SUBTOTAL - PCE Trips (7)	3,102	2,461	5,563	2,611	2,588	5,179	2,731	2,235	4,966
ANCILLARY									
Private Vehicles/Other (2)	236	178	414	306	224	530	52	180	242
Trucks	471	250	721	413	308	721	97	384	481
SUBTOTAL - Veh. Trips	707	428	1,135	719	532	1,251	149	584	733
SUBTOTAL - PCE Trips (7)	1,178	678	1,856	1,132	840	1,972	246	978	1,224
COLLATERAL DEVELOPMENT									
JAX Northside	3,151	771	3,922	1,188	511	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	1,818	561	2,369	457	457	914	560	1,864	2,424
SUBTOTAL - Veh. Trips	4,969	1,322	6,291	1,645	1,368	3,013	1,942	4,905	6,847
SUBTOTAL - PCE Trips	4,969	1,322	6,291	1,645	1,368	3,013	1,942	4,905	6,847
TOTAL - Vehicle Trips (5)	9,599	4,881	14,481	6,346	5,546	11,892	5,437	8,900	14,337
TOTAL - PCE Trips (6),(7)	11,221	6,063	17,284	7,839	6,918	14,757	6,452	10,123	16,575
<b>TOTAL AIRPORT VEHICLE TRIPS</b>	<b>15,840</b>	<b>10,235</b>	<b>25,876</b>	<b>16,218</b>	<b>15,371</b>	<b>31,589</b>	<b>12,083</b>	<b>16,604</b>	<b>28,687</b>
<b>TOTAL AIRPORT PCE TRIPENDS</b>	<b>17,262</b>	<b>11,417</b>	<b>28,679</b>	<b>17,711</b>	<b>16,743</b>	<b>34,454</b>	<b>13,098</b>	<b>17,827</b>	<b>30,925</b>
<b>TRIPS ELIMINATED DUE TO</b>									
<b>LAND ACQUISITION - PCE Trips</b>	<b>-2,170</b>	<b>-420</b>	<b>-2,590</b>	<b>-584</b>	<b>-624</b>	<b>-1,608</b>	<b>-926</b>	<b>-1,447</b>	<b>-2,373</b>
<b>NET VEH. TRIP GENERATION</b>	<b>13,470</b>	<b>9,815</b>	<b>23,285</b>	<b>15,234</b>	<b>14,747</b>	<b>29,981</b>	<b>11,157</b>	<b>15,157</b>	<b>26,314</b>
<b>NET PCE TRIPEND GENERATION</b>	<b>15,092</b>	<b>10,997</b>	<b>26,089</b>	<b>16,727</b>	<b>15,119</b>	<b>32,846</b>	<b>12,172</b>	<b>16,380</b>	<b>28,552</b>

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 90 percent of cargo truck tripends are connected to external (non-airport) zones. 10 percent remain on internal airport roadways.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2015 ALTERNATIVE B (1)**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	2,986	2,458	5,444	3,686	3,365	7,051	2,907	3,042	5,949
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	64	64	128	110	111	221	72	72	144
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	53	53	106	110	110	220	48	48	96
MTA, Scheduled, Charter Bus	33	33	66	40	40	80	32	32	64
Misc. Commercial Vehicles	12	12	24	20	20	40	12	12	24
SUBTOTAL - Veh. Trips (3)	3,169	2,641	5,810	4,000	3,660	7,660	3,680	3,225	6,905
SUBTOTAL - PCE Trips (4)	3,169	2,641	5,810	4,000	3,660	7,660	3,680	3,225	6,905
WEST TERMINAL									
Private Vehicles/Other (2)	2,953	2,884	5,837	5,707	6,140	11,847	3,738	4,458	8,196
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	30	30	60	20	20	40
Employee Parking Shuttles	20	20	40	24	24	48	19	19	38
Hotel Shuttles	51	51	102	98	98	196	51	51	102
MTA, Scheduled, Charter Bus	24	24	48	30	30	60	24	24	48
Misc. Commercial Vehicles	78	77	155	120	120	240	106	106	212
SUBTOTAL - Veh. Trips (3)	3,146	3,076	6,222	6,009	6,442	12,451	3,958	4,678	8,636
SUBTOTAL - PCE Trips (4)	3,146	3,076	6,222	6,009	6,442	12,451	3,958	4,678	8,636
SUBTOTAL - Veh. Trips	6,315	5,717	12,032	10,009	10,132	20,141	7,048	7,903	14,951
SUBTOTAL - PCE Trips	6,315	5,717	12,032	10,009	10,132	20,141	7,048	7,903	14,951
<b>AIRPORT MISCELLANEOUS</b>									
PUBLIC PARKING									
Private Vehicles/Other (2)	0	0	0	0	0	0	0	0	0
Shuttles	0	0	0	0	0	0	0	0	0
SUBTOTAL - Vehicle Trips (5)	0	0	0	0	0	0	0	0	0
SUBTOTAL - PCE Trips (6)	0	0	0	0	0	0	0	0	0
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	109	109	218	87	59	146	201	221	422
Private Autos (fr West Ter.)	99	76	175	137	57	194	135	171	306
Private Autos (fr Cargo)	644	522	1,166	530	525	1,055	674	507	1,181
Private Autos (fr Ancil.)	472	357	829	612	448	1,060	103	380	483
Shuttles	41	41	82	48	48	96	39	39	78
SUBTOTAL - Vehicle Trips (5)	1,324	1,064	2,388	1,366	1,089	2,455	1,113	1,279	2,392
SUBTOTAL - PCE Trips (6)	1,365	1,105	2,470	1,414	1,137	2,551	1,152	1,318	2,470
PRIVATE PARKING									
Private Vehicles/Other (2)	217	72	289	347	379	726	147	268	415
Shuttles	84	84	168	140	141	281	92	92	184
SUBTOTAL - Vehicle Trips (5)	217	72	289	347	379	726	147	268	415
SUBTOTAL - PCE Trips (6)	301	156	457	487	520	1,007	239	360	599
CARGO									
Private Vehicles/Other (2)	1,288	1,045	2,333	1,061	1,050	2,111	1,347	1,013	2,360
Truck Trips (8)	907	708	1,615	775	759	1,534	692	611	1,303
External Truck Trips (8)	616	637	1,253	689	683	1,372	623	550	1,173
SUBTOTAL - Veh. Trips	2,104	1,882	3,787	1,759	1,733	3,492	1,970	1,563	3,533
SUBTOTAL - PCE Trips (7)	3,102	2,461	5,563	2,611	2,568	5,179	2,731	2,235	4,966
ANCILLARY									
Private Vehicles/Other (2)	236	179	414	306	224	530	52	190	242
Trucks	471	250	721	413	308	721	97	394	491
SUBTOTAL - Veh. Trips	707	428	1,135	719	532	1,251	149	584	733
SUBTOTAL - PCE Trips (7)	1,178	678	1,856	1,132	840	1,972	246	978	1,224
COLLATERAL DEVELOPMENT									
LAX Northside	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	146	66	212	81	61	142	101	132	233
SUBTOTAL - Veh. Trips	3,297	837	4,134	1,269	972	2,241	1,483	3,173	4,656
SUBTOTAL - PCE Trips (7)	3,297	837	4,134	1,269	972	2,241	1,483	3,173	4,656
TOTAL - Vehicle Trips (5)	7,649	4,083	11,733	6,460	4,725	10,185	4,862	6,867	11,729
TOTAL - PCE Trips (6),(7)	9,243	5,237	14,480	6,913	6,057	12,970	5,851	8,064	13,915
TOTAL AIRPORT VEHICLE TRIPS	13,964	9,800	23,765	16,469	14,857	30,326	11,910	14,770	26,680
TOTAL AIRPORT PCE TRIPENDS	15,558	10,954	26,512	16,922	16,189	33,111	12,899	15,967	28,866
TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Trips (6)	-2,304	-437	-2,741	-1,039	-654	-1,693	-977	-1,526	-2,503
NET VEH. TRIP GENERATION	11,660	9,363	21,024	14,430	14,203	28,633	10,933	13,242	24,175
NET PCE TRIPEND GENERATION	13,254	10,517	23,771	15,883	15,535	31,418	11,922	14,439	26,361

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limousines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalents.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 90 percent of cargo truck tripends are connected to external (non-airport) zones. 10 percent remain on internal airport roadways.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2015 ALTERNATIVE B (1)  
WITH ON-AIRPORT MITIGATION**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	2,665	2,260	4,925	3,479	3,190	6,669	2,502	2,971	5,473
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	64	64	128	110	111	221	72	72	144
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	53	53	106	110	110	220	48	48	96
MTA, Schedule, Charter Bus	33	33	66	40	40	80	32	32	64
Misc. Commercial Vehicles	12	12	24	20	20	40	12	12	24
SUBTOTAL - Veh. Trips (3)	2,848	2,443	5,291	3,783	3,495	7,278	2,685	3,154	5,839
SUBTOTAL - PCE Trips (4)	2,848	2,443	5,291	3,783	3,495	7,278	2,685	3,154	5,839
WEST TERMINAL									
Private Vehicles/Other (2)	2,953	2,884	5,837	5,707	6,140	11,847	3,738	4,458	8,196
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	30	30	60	20	20	40
Employee Parking Shuttles	20	20	40	24	24	48	20	20	40
Hotel Shuttles	51	51	102	98	98	196	51	51	102
MTA, Schedule, Charter Bus	24	24	48	30	30	60	24	24	48
Misc. Commercial Vehicles	78	77	155	120	120	240	108	106	212
SUBTOTAL - Veh. Trips (3)	3,146	3,076	6,222	6,009	6,442	12,451	3,959	4,679	8,638
SUBTOTAL - PCE Trips (4)	3,146	3,076	6,222	6,009	6,442	12,451	3,959	4,679	8,638
SUBTOTAL - Veh. Trips	5,994	5,519	11,513	9,792	9,937	19,729	6,644	7,833	14,477
SUBTOTAL - PCE Trips	5,994	5,519	11,513	9,792	9,937	19,729	6,644	7,833	14,477
<b>AIRPORT MISCELLANEOUS</b>									
PUBLIC PARKING									
Private Vehicles/Other (2)	0	0	0	0	0	0	0	0	0
Shuttles	0	0	0	0	0	0	0	0	0
SUBTOTAL - Vehicle Trips (5)	0	0	0	0	0	0	0	0	0
SUBTOTAL - PCE Trips (6)	0	0	0	0	0	0	0	0	0
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	109	109	218	87	59	146	201	221	422
Private Autos (fr West Ter.)	99	76	175	137	57	194	135	171	306
Private Autos (fr Cargo)	644	522	1,166	530	525	1,055	674	507	1,181
Private Autos (fr Ancil.)	472	357	829	612	418	1,030	103	360	463
Shuttles	41	41	82	48	48	96	39	39	78
SUBTOTAL - Vehicle Trips (5)	1,324	1,064	2,388	1,366	1,089	2,455	1,113	1,279	2,392
SUBTOTAL - PCE Trips (6)	1,365	1,066	2,431	1,414	1,137	2,551	1,152	1,318	2,470
PRIVATE PARKING									
Private Vehicles/Other (2)	217	72	289	347	379	726	147	266	415
Shuttles	84	84	168	140	141	281	92	92	184
SUBTOTAL - Vehicle Trips (5)	217	72	289	347	379	726	147	266	415
SUBTOTAL - PCE Trips (6)	301	156	457	487	520	1,007	239	360	599
CARGO									
Private Vehicles/Other (2)	1,268	1,046	2,314	1,061	1,050	2,111	1,347	1,013	2,360
Truck Trips (8)	907	708	1,615	775	759	1,534	692	611	1,303
External Truck Trips (8)	816	637	1,453	698	683	1,381	623	590	1,213
SUBTOTAL - Veh. Trips	2,104	1,662	3,766	1,759	1,733	3,492	1,970	1,563	3,533
SUBTOTAL - PCE Trips (7)	3,102	2,461	5,563	2,611	2,558	5,179	2,731	2,235	4,966
ANCILLARY									
Private Vehicles/Other (2)	236	178	414	306	224	530	52	190	242
Trucks	471	250	721	413	308	721	97	394	491
SUBTOTAL - Veh. Trips	707	428	1,135	719	532	1,251	149	584	733
SUBTOTAL - PCE Trips (7)	1,178	678	1,856	1,132	640	1,772	246	978	1,224
COLLATERAL DEVELOPMENT									
LAX Northside	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	146	66	212	81	81	162	101	132	233
SUBTOTAL - Veh. Trips	3,297	837	4,134	1,269	992	2,261	1,483	3,173	4,656
SUBTOTAL - PCE Trips	3,297	837	4,134	1,269	992	2,261	1,483	3,173	4,656
TOTAL - Vehicle Trips (5)	7,649	4,083	11,733	5,460	4,725	10,185	4,862	6,867	11,729
TOTAL - PCE Trips (6),(7)	9,243	5,237	14,480	6,613	6,057	12,670	5,851	8,064	13,915
<b>TOTAL AIRPORT VEHICLE TRIPS</b>									
TOTAL AIRPORT PCE TRIPENDS	13,643	9,602	23,245	15,252	14,662	29,914	11,506	14,700	26,206
	15,237	10,756	25,993	16,705	15,994	32,699	12,495	15,897	28,392
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Trips</b>									
	-2,304	-437	-2,741	-1,039	-654	-1,693	-977	-1,528	-2,505
NET VEH. TRIP GENERATION	11,339	9,165	20,505	14,213	14,008	28,221	10,529	13,172	23,721
NET PCE TRIPEND GENERATION	12,933	10,319	23,252	15,666	15,340	31,006	11,518	14,369	25,887

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 90 percent of cargo truck tripends are connected to external (non-airport) zones - 10 percent remain on internal airport roadways.

**PHASE 3F TRIP GENERATION SUMMARY FOR 2015 ALTERNATIVE C (1)**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,386	3,196	6,581	4,581	4,000	8,581	3,165	4,741	7,906
Rent-A-Car Shuttles	20	20	40	30	30	60	19	19	38
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	64	64	128	110	111	221	72	72	144
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	66	66	130	125	125	250	55	55	110
MTA, Schedule, Charter Bus	33	33	66	40	40	80	32	32	64
Misc. Commercial Vehicles	12	12	24	20	20	40	12	12	24
SUBTOTAL - Veh. Trips (3)	3,801	3,410	7,011	4,930	4,350	9,280	3,374	4,960	8,334
SUBTOTAL - PCE Tripends (4)	3,801	3,410	7,011	4,930	4,350	9,280	3,374	4,960	8,334
WEST TERMINAL									
Private Vehicles/Other (2)	2,028	2,024	6,652	4,169	4,709	8,878	2,498	2,710	5,208
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	30	30	60	20	20	40
Employee Parking Shuttles	19	19	38	19	19	38	19	19	38
Hotel Shuttles	51	51	102	98	98	196	51	51	102
MTA, Schedule, Charter Bus	24	24	48	30	30	60	24	24	48
Misc. Commercial Vehicles	78	77	155	120	120	240	106	106	212
SUBTOTAL - Veh. Trips (3)	3,020	3,015	6,035	4,466	5,006	9,472	2,716	2,930	5,646
SUBTOTAL - PCE Tripends (4)	3,020	3,015	6,035	4,466	5,006	9,472	2,716	2,930	5,646
SUBTOTAL - Veh. Trips	6,821	6,425	13,046	9,396	9,356	18,752	6,090	7,890	13,970
SUBTOTAL - PCE Tripends	6,821	6,425	13,046	9,396	9,356	18,752	6,090	7,890	13,970
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	0	0	0	0	0	0	0	0	0
Shuttles	0	0	0	0	0	0	0	0	0
SUBTOTAL - Vehicle Trips (5)	0	0	0	0	0	0	0	0	0
SUBTOTAL - PCE Tripends (6)	0	0	0	0	0	0	0	0	0
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	144	139	283	111	76	187	70	335	405
Private Autos (fr West Ter.)	95	73	168	124	84	208	53	105	158
Private Autos (fr Cargo)	644	622	1,166	530	525	1,055	674	507	1,181
Private Autos (fr Ancil.)	472	357	829	612	448	1,060	103	380	483
Shuttles	40	40	80	43	43	86	39	39	78
SUBTOTAL - Vehicle Trips (5)	1,365	1,091	2,446	1,377	1,133	2,510	900	1,327	2,227
SUBTOTAL - PCE Tripends (6)	1,395	1,131	2,526	1,420	1,176	2,596	939	1,366	2,305
PRIVATE PARKING									
Private Vehicles/Other (2)	288	118	406	400	464	864	213	425	638
Shuttles	84	84	168	140	141	281	82	82	164
SUBTOTAL - Vehicle Trips (5)	288	118	406	400	464	864	213	425	638
SUBTOTAL - PCE Tripends (6)	372	202	574	540	605	1,145	305	517	822
CARGO									
Private Vehicles/Other (2)	1,288	1,045	2,333	1,061	1,050	2,111	1,347	1,013	2,360
Truck Tripends (9)	907	708	1,615	775	759	1,534	692	611	1,303
External Truck Trips (9)	816	637	1,453	698	683	1,381	623	660	1,173
SUBTOTAL - Veh. Trips	2,104	1,682	3,787	1,759	1,733	3,492	1,970	1,663	3,533
SUBTOTAL - PCE Tripends (7)	3,102	2,461	5,563	2,611	2,588	5,179	2,731	2,236	4,966
ANCILLARY									
Private Vehicles/Other (2)	236	178	414	396	224	530	52	190	242
Trucks	471	260	721	413	308	721	97	394	491
SUBTOTAL - Veh. Trips	707	428	1,135	719	532	1,251	149	584	733
SUBTOTAL - PCE Tripends (7)	1,178	678	1,856	1,132	840	1,972	246	978	1,224
COLLATERAL DEVELOPMENT									
LAX Northside	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	146	66	212	81	81	162	101	132	233
SUBTOTAL - Veh. Trips	3,297	837	4,134	1,269	992	2,261	1,483	3,173	4,656
SUBTOTAL - PCE Tripends	3,297	837	4,134	1,269	992	2,261	1,483	3,173	4,656
TOTAL - Vehicle Trips (5)	7,751	4,156	11,908	5,524	4,834	10,378	4,716	7,072	11,787
TOTAL - PCE Tripends (6),(7)	9,344	5,309	14,653	6,972	6,181	13,153	5,704	8,269	13,973
<b>TOTAL AIRPORT VEHICLE TRIPS</b>									
TOTAL AIRPORT PCE TRIPENDS	14,372	10,581	24,954	14,920	14,210	29,130	10,805	14,852	25,757
	15,865	11,734	27,609	16,388	15,537	31,905	11,794	16,149	27,943
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends</b>									
	-2,304	-435	-2,739	-1,039	-654	-1,693	977	-1,628	-2,605
NET VEH. TRIP GENERATION	12,069	10,146	22,215	13,881	13,556	27,437	9,828	13,424	23,252
NET PCE TRIPEND GENERATION	13,661	11,269	24,930	15,329	14,863	30,212	10,817	14,021	25,438

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent A Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 90 percent of cargo truck tripends are connected to external (non-airport) zones. 10 percent remain on internal airport roadways.



**PHASE 3F TRIP GENERATION SUMMARY FOR 2015 ALTERNATIVE C (1)  
WITH ON-AIRPORT MITIGATION**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	3,435	3,244	6,679	4,502	3,936	8,438	3,521	4,886	8,406
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	64	64	128	110	111	221	72	72	144
Employee Parking Shuttles	21	21	42	24	24	48	19	19	38
Hotel Shuttles	65	65	130	125	125	250	55	55	110
MTA, Schedule, Charter Bus	33	33	66	40	40	80	32	32	64
Misc. Commercial Vehicles	12	12	24	20	20	40	12	12	24
SUBTOTAL - Veh. Trips (3)	3,630	3,439	7,069	4,821	4,256	9,077	3,711	5,075	8,786
SUBTOTAL - PCE Tripends (4)	3,630	3,439	7,069	4,821	4,256	9,077	3,711	5,075	8,786
WEST TERMINAL									
Private Vehicles/Other (2)	2,827	2,824	5,651	4,168	4,709	8,877	2,485	2,709	5,204
Rent-A-Car Shuttles	0	0	0	0	0	0	0	0	0
Public Parking Shuttles	0	0	0	0	0	0	0	0	0
Private Parking Shuttles	20	20	40	30	30	60	20	20	40
Employee Parking Shuttles	19	19	38	19	19	38	19	19	38
Hotel Shuttles	51	51	102	98	98	196	51	51	102
MTA, Schedule, Charter Bus	24	24	48	30	30	60	24	24	48
Misc. Commercial Vehicles	78	77	155	120	120	240	106	106	212
SUBTOTAL - Veh. Trips (3)	3,019	3,015	6,034	4,485	5,006	9,491	2,716	2,929	5,644
SUBTOTAL - PCE Tripends (4)	3,019	3,015	6,034	4,485	5,006	9,491	2,716	2,929	5,644
SUBTOTAL - Veh. Trips	6,649	6,454	13,103	9,286	9,262	18,548	6,426	8,004	14,430
SUBTOTAL - PCE Tripends	6,649	6,454	13,103	9,286	9,262	18,548	6,426	8,004	14,430
<b>AIRPORT MISCELLANEOUS</b>									
RAC									
Private Vehicles/Other (2)	0	0	0	0	0	0	0	0	0
Shuttles	0	0	0	0	0	0	0	0	0
SUBTOTAL - Vehicle Trips (5)	0	0	0	0	0	0	0	0	0
SUBTOTAL - PCE Tripends (6)	0	0	0	0	0	0	0	0	0
EMPLOYEE PARKING									
Private Autos (fr East Ter.)	145	139	284	111	76	187	70	336	405
Private Autos (fr West Ter.)	96	74	170	124	84	208	53	105	158
Private Autos (fr Cargo)	644	622	1,266	530	525	1,055	674	507	1,181
Private Autos (fr Ancil.)	472	357	829	612	448	1,060	703	380	483
Shuttles	40	40	80	43	43	86	39	39	78
SUBTOTAL - Vehicle Trips (5)	1,357	1,092	2,449	1,377	1,133	2,510	900	1,327	2,227
SUBTOTAL - PCE Tripends (6)	1,357	1,092	2,449	1,377	1,133	2,510	900	1,327	2,227
PRIVATE PARKING									
Private Vehicles/Other (2)	288	118	406	400	464	864	213	425	638
Shuttles	84	84	168	140	141	281	92	92	184
SUBTOTAL - Vehicle Trips (5)	288	118	406	400	464	864	213	425	638
SUBTOTAL - PCE Tripends (6)	372	202	574	540	605	1,145	305	517	822
CARCO									
Private Vehicles/Other (2)	1,288	1,045	2,333	1,061	1,050	2,111	1,347	1,013	2,360
Truck Tripends (8)	907	703	1,610	775	759	1,534	692	611	1,303
External Truck Trips (8)	816	637	1,454	688	683	1,371	623	550	1,173
SUBTOTAL - Veh. Trips	2,104	1,682	3,787	1,759	1,733	3,492	1,970	1,563	3,533
SUBTOTAL - PCE Tripends (7)	3,102	2,461	5,563	2,611	2,568	5,179	2,731	2,235	4,966
ANCILLARY									
Private Vehicles/Other (2)	236	178	414	306	224	530	52	160	242
Trucks	471	260	721	413	308	721	97	364	491
SUBTOTAL - Veh. Trips	707	428	1,135	719	532	1,251	149	584	733
SUBTOTAL - PCE Tripends (7)	1,178	678	1,856	1,132	840	1,972	246	978	1,224
COLLATERAL DEVELOPMENT									
LAX Northside	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
Continental City	0	0	0	0	0	0	0	0	0
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
SUBTOTAL - PCE Tripends	3,151	771	3,922	1,188	911	2,099	1,382	3,041	4,423
TOTAL - Vehicle Trips (5)	7,607	4,091	11,698	5,443	4,773	10,216	4,614	6,940	11,554
TOTAL - PCE Tripends (6),(7)	9,200	5,244	14,444	6,891	6,100	12,991	5,603	8,137	13,740
<b>TOTAL AIRPORT VEHICLE TRIPS</b>									
TOTAL AIRPORT PCE TRIPENDS	14,256	10,545	24,802	14,729	14,035	28,764	11,040	14,944	25,984
	15,849	11,668	27,517	16,177	15,362	31,539	12,029	16,141	28,170
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends</b>									
	-2,304	-436	-2,739	-1,038	-654	-1,693	-977	-1,628	-2,605
NET VEH. TRIP GENERATION	11,952	10,110	22,063	13,690	13,381	27,071	10,063	13,416	23,479
NET PCE TRIPEND GENERATION	13,545	11,203	24,748	15,138	14,708	29,846	11,052	14,613	25,665

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalences.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.
- (8) 90 percent of cargo truck tripends are connected to external (non-airport) zones. 10 percent remain on internal airport roadways.

**TRIP GENERATION SUMMARY FOR 2015 NO ACTION/NO PROJECT ALTERNATIVE (1)  
PHASE 3F**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	4,446	4,236	8,682	6,524	5,605	12,130	3,984	5,471	9,455
Rent-A-Car Shuttles	310	310	620	404	404	808	308	308	616
Public Parking Shuttles	50	50	100	50	50	100	50	50	100
Private Parking Shuttles	78	78	156	90	90	180	80	80	160
Employee Parking Shuttles	12	12	24	12	12	24	12	12	24
Hotel Shuttles	45	45	90	60	60	120	50	50	100
SUBTOTAL - Veh. Trips (3)	4,941	4,731	9,672	7,140	6,222	13,362	4,484	5,971	10,455
SUBTOTAL - PCE Tripends (4)	4,941	4,731	9,672	7,140	6,222	13,362	4,484	5,971	10,455
<b>AIRPORT MISCELLANEOUS</b>									
<b>RENT-A-CAR</b>									
Private Vehicles/Other (2)	555	442	997	799	753	1,552	484	518	1,002
Shuttles	310	310	620	404	404	808	308	308	616
SUBTOTAL - Vehicle Trips (5)	555	442	997	799	753	1,552	484	518	1,002
SUBTOTAL - PCE Tripends (6)	865	752	1,617	1,203	1,157	2,360	792	826	1,618
<b>PUBLIC PARKING</b>									
Private Vehicles/Other (2)	100	30	130	95	65	160	52	95	147
Shuttles	50	50	100	50	50	100	50	50	100
SUBTOTAL - Vehicle Trips (5)	100	30	130	95	65	160	52	95	147
SUBTOTAL - PCE Tripends (6)	150	80	230	145	115	260	102	145	247
<b>EMPLOYEE PARKING</b>									
Private Vehicles/Other (2)	218	94	312	178	123	301	293	393	686
Shuttles	12	12	24	12	12	24	12	12	24
SUBTOTAL - Vehicle Trips (5)	218	94	312	178	123	301	293	393	686
SUBTOTAL - PCE Tripends (6)	230	106	336	190	135	325	305	405	710
<b>PRIVATE PARKING</b>									
Private Vehicles/Other (2)	237	202	439	295	265	560	276	305	581
Shuttles	78	78	156	90	90	180	80	80	160
SUBTOTAL - Vehicle Trips (5)	237	202	439	295	265	560	276	305	581
SUBTOTAL - PCE Tripends (6)	315	280	595	385	355	740	356	385	741
<b>WORLD WAY WEST</b>									
Private Vehicles/Other (1)	405	190	595	575	560	1,135	133	321	454
SUBTOTAL - Veh. Trips	405	190	595	575	560	1,135	133	321	454
SUBTOTAL - PCE Tripends (7)	446	209	655	633	616	1,249	146	353	499
<b>CARGO</b>									
Private Vehicles/Other (2)	1,393	1,114	2,507	1,160	1,145	2,305	1,466	1,095	2,561
Trucks	671	512	1,183	587	570	1,157	506	525	1,031
SUBTOTAL - Veh. Trips	2,064	1,626	3,690	1,747	1,715	3,462	1,972	1,620	3,592
SUBTOTAL - PCE Tripends (7)	2,735	2,138	4,873	2,334	2,285	4,619	2,478	2,145	4,623
<b>ANCILLARY</b>									
Private Vehicles/Other (2)	570	317	887	350	146	496	76	484	550
Trucks	244	136	380	150	63	213	32	207	239
SUBTOTAL - Veh. Trips	814	453	1,267	500	209	709	108	691	799
SUBTOTAL - PCE Tripends (7)	1,058	589	1,647	650	272	922	140	898	1,038
<b>COLLATERAL DEVELOPMENT</b>									
LAX Northside	5,929	1,288	7,217	1,460	1,080	2,540	1,672	5,459	7,131
Continental City	4,716	607	5,323	722	722	1,444	1,017	4,331	5,348
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	10,645	1,895	12,540	2,182	1,802	3,984	2,689	9,790	12,479
SUBTOTAL - PCE Tripends	10,645	1,895	12,540	2,182	1,802	3,984	2,689	9,790	12,479
TOTAL - Vehicle Trips (5)	15,038	4,932	19,970	6,371	5,492	11,863	6,007	13,733	19,740
TOTAL - PCE Tripends (6),(7)	16,444	6,049	22,493	7,722	6,737	14,459	7,068	14,947	21,955
<b>TOTAL AIRPORT VEHICLE TRIPS</b>									
TOTAL AIRPORT PCE TRIPENDS	19,979	9,663	29,642	13,511	11,714	25,225	10,491	19,704	30,195
	21,385	10,780	32,165	14,862	12,959	27,821	11,492	20,918	32,410
<b>TRIPS ELIMINATED DUE TO LAND ACQUISITION - PCE Tripends</b>									
	0	0	0	0	0	0	0	0	0
<b>NET VEH. TRIP GENERATION</b>									
NET PCE TRIPEND GENERATION	19,979	9,663	29,642	13,511	11,714	25,225	10,491	19,704	30,195
	21,385	10,780	32,165	14,862	12,959	27,821	11,492	20,918	32,410

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.
- (2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.
- (3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.
- (4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).
- (5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).
- (6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.
- (7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.

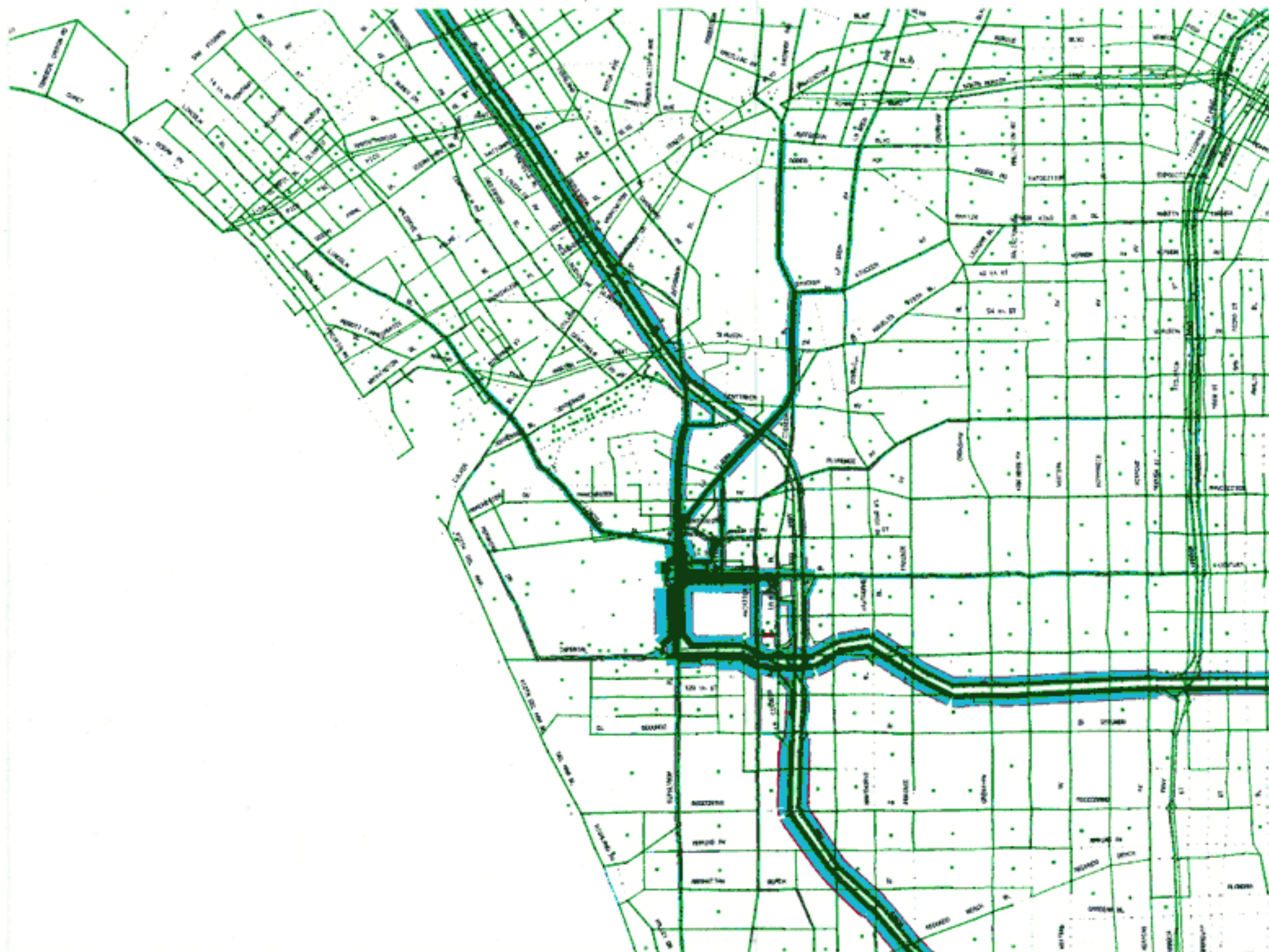
**TRIP GENERATION SUMMARY FOR 2015 NO ACTION/NO PROJECT ALTERNATIVE (1)  
PHASE 3F W/ MITIGATION**

LOCATION	AM PEAK HOUR			AIRPORT PEAK			PM PEAK HOUR		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>TERMINALS</b>									
EAST TERMINAL (CTA)									
Private Vehicles/Other (2)	4,590	4,359	8,949	6,569	5,595	12,164	3,966	5,630	9,596
Rent-A-Car Shuttles	67	67	134	80	80	160	64	64	128
Public Parking Shuttles	25	25	50	25	25	50	25	25	50
Private Parking Shuttles	78	78	156	90	90	180	80	80	160
Employee Parking Shuttles	12	12	24	12	12	24	12	12	24
Hotel Shuttles	112	112	224	135	135	270	119	119	238
SUBTOTAL - Veh. Trips (3)	4,884	4,653	9,537	6,911	5,937	12,848	4,266	5,930	10,196
SUBTOTAL - PCE Tripends (4)	4,884	4,653	9,537	6,911	5,937	12,848	4,266	5,930	10,196
<b>AIRPORT MISCELLANEOUS</b>									
RENT-A-CAR									
Private Vehicles/Other (2)	555	442	997	799	753	1,552	484	518	1,002
Shuttles	67	67	134	80	80	160	64	64	128
SUBTOTAL - Vehicle Trips (5)	555	442	997	799	753	1,552	484	518	1,002
SUBTOTAL - PCE Tripends (6)	622	509	1,131	879	833	1,712	548	582	1,130
PUBLIC PARKING									
Private Vehicles/Other (2)	120	50	170	125	95	220	73	118	191
Shuttles	25	25	50	25	25	50	25	25	50
SUBTOTAL - Vehicle Trips (5)	120	50	170	125	95	220	73	118	191
SUBTOTAL - PCE Tripends (6)	145	75	220	160	120	270	98	143	241
EMPLOYEE PARKING									
Private Vehicles/Other (2)	218	94	312	178	123	301	293	393	686
Shuttles	12	12	24	12	12	24	12	12	24
SUBTOTAL - Vehicle Trips (5)	218	94	312	178	123	301	293	393	686
SUBTOTAL - PCE Tripends (6)	230	106	336	190	135	325	305	406	710
PRIVATE PARKING									
Private Vehicles/Other (2)	237	202	439	295	265	560	276	305	581
Shuttles	78	78	156	90	90	180	80	80	160
SUBTOTAL - Vehicle Trips (5)	237	202	439	295	265	560	276	305	581
SUBTOTAL - PCE Tripends (6)	315	280	595	385	355	740	356	385	741
WORLD WAY WEST									
Private Vehicles/Other (1)	405	190	595	575	560	1,135	133	321	454
SUBTOTAL - Veh. Trips	405	190	595	575	560	1,135	133	321	454
SUBTOTAL - PCE Tripends (7)	446	209	655	633	616	1,249	146	353	499
CARGO									
Private Vehicles/Other (2)	1,393	1,114	2,507	1,160	1,145	2,305	1,466	1,095	2,561
Trucks	671	512	1,183	587	570	1,157	506	525	1,031
SUBTOTAL - Veh. Trips	2,064	1,626	3,690	1,747	1,715	3,462	1,972	1,620	3,592
SUBTOTAL - PCE Tripends (7)	2,735	2,138	4,873	2,334	2,285	4,619	2,478	2,145	4,623
ANCILLARY									
Private Vehicles/Other (2)	570	317	887	350	146	496	76	484	560
Trucks	244	136	380	150	53	213	32	207	239
SUBTOTAL - Veh. Trips	814	453	1,267	500	209	709	108	691	799
SUBTOTAL - PCE Tripends (7)	1,058	589	1,647	650	272	922	140	898	1,036
COLLATERAL DEVELOPMENT									
LAX Northside	5,929	1,288	7,217	1,460	1,080	2,540	1,672	5,459	7,131
Continental City	4,716	807	5,323	722	722	1,444	1,017	4,331	5,348
Manchester Square	0	0	0	0	0	0	0	0	0
SUBTOTAL - Veh. Trips	10,645	1,895	12,540	2,182	1,802	3,984	2,689	9,790	12,479
SUBTOTAL - PCE Tripends	10,645	1,895	12,540	2,182	1,802	3,984	2,689	9,790	12,479
TOTAL - Vehicle Trips (5)	15,058	4,952	20,010	8,401	5,522	11,923	6,028	13,756	19,784
TOTAL - PCE Tripends (6),(7)	16,196	5,801	21,997	7,403	6,418	13,821	6,760	14,701	21,461
TOTAL AIRPORT VEHICLE TRIPS	19,942	9,605	29,547	13,312	11,459	24,771	10,294	19,686	29,980
TOTAL AIRPORT PCE TRIPENDS	21,080	10,454	31,534	14,314	12,355	26,669	11,026	20,631	31,657
TRIPS ELIMINATED DUE TO LAND ACQUISITION -PCE Tripends	0	0	0	0	0	0	0	0	0
NET VEH. TRIP GENERATION	19,942	9,605	29,547	13,312	11,459	24,771	10,294	19,686	29,980
NET PCE TRIPEND GENERATION	21,080	10,454	31,534	14,314	12,355	26,669	11,026	20,631	31,657

- (1) Airport trip generation includes trips generated on airport property, as well as trips to off-airport parking and Rent-A-Car facilities.  
(2) Private vehicles/other includes automobiles, light duty trucks, recreational vehicles, taxis, limosines, door-to-door shuttles, buses, and other vehicles not otherwise identified.  
(3) Vehicle trips are the number of vehicles making a trip, with no adjustments for passenger car equivalencies.  
(4) PCE tripends are the number of origins plus destinations (some trips, such as Rent-A-Car shuttles, have both ends at the airport) in Passenger Car Equivalents (one truck is equivalent to two cars).  
(5) In determining vehicle trips, shuttle trips between the CTA and other airport areas are counted only once (as a CTA trip).  
(6) In determining PCE tripends, both ends of internal shuttle trips (the CTA end and the other airport area end) are included.  
(7) In determining PCE tripends, trucks are counted twice, as the equivalent of two cars.

# **Attachment B**

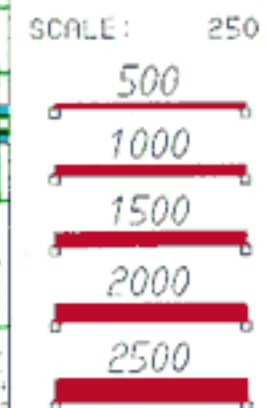
## **Geographic Distribution of Airport Trips**



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 LOWER: -XXXXX  
 UPPER: XXXXX

LAYERS:  
 Empl.L  
 Cargo.L  
 Coll.L  
 Pass.L

Employee  
 Cargo  
 Collateral  
 Passenger



WINDOW V:  
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 610.57/130.235

00-05-10 12:11  
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 BR386/10...rnf

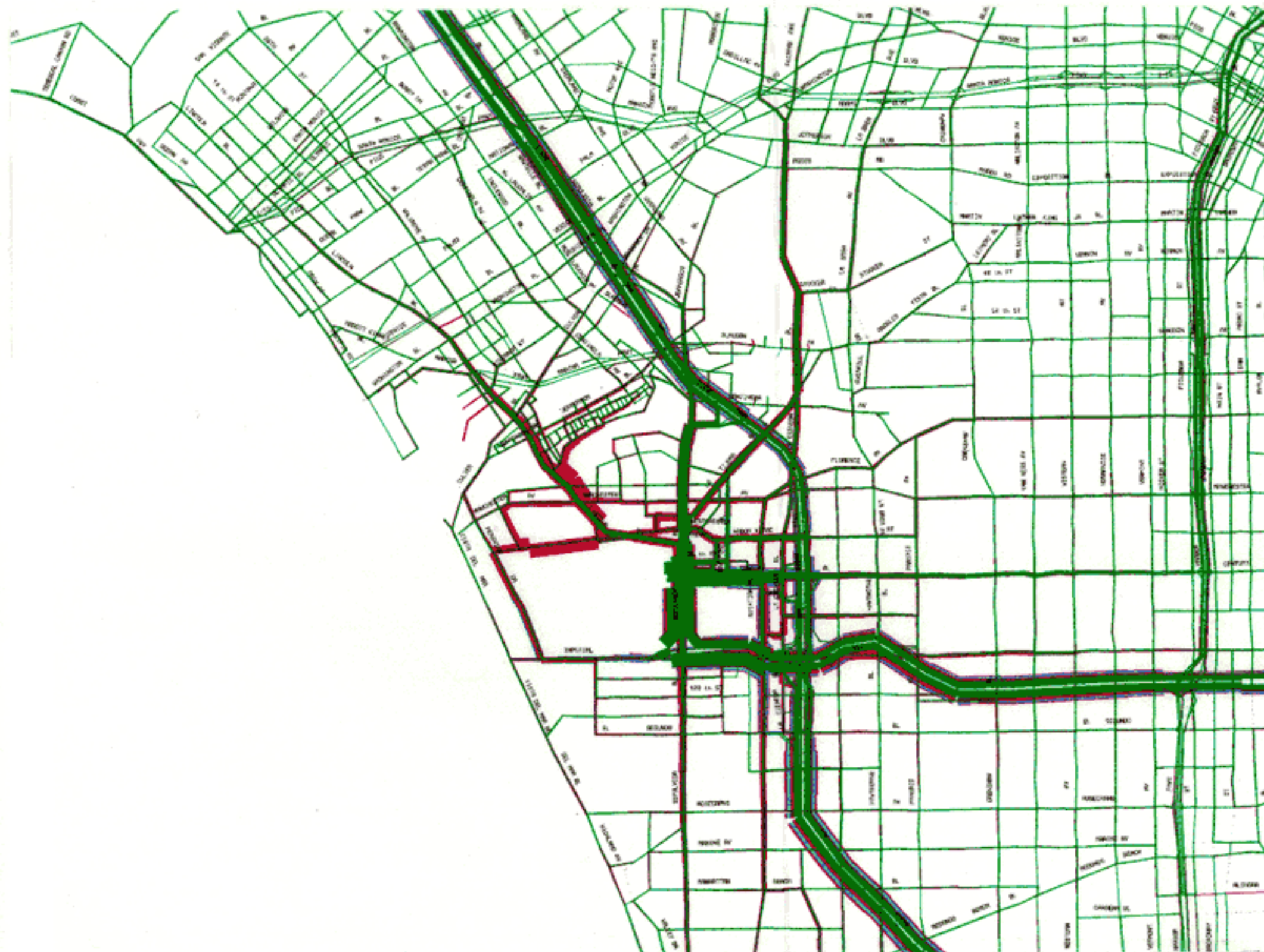
# AIRPORT TRIP DISTRIBUTION

Barton-Aschman Associates, Inc.  
**PARSONS TRANSPORTATION GROUP**

Los Angeles International Airport  
 Master Plan

1996 Existing Conditions





LINKS:  
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 &|cj=1  
 THRESHOLD:  
 LOWER: -100T  
 UPPER: XXXXXX

LAYERS:  
 EmplH  
 EmplL  
 CrgoT  
 CrgoL  
 CollH  
 CollL  
 PassH  
 PassL  
 Employee  
 Cargo  
 Collateral  
 Passenger

SCALE: 250  
 500  
 1000  
 1500  
 2000  
 2500

WINDOW V:  
 594.31/118.039  
 610.57/130.235

00-05-09 14:38  
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 BR386/10...rnf

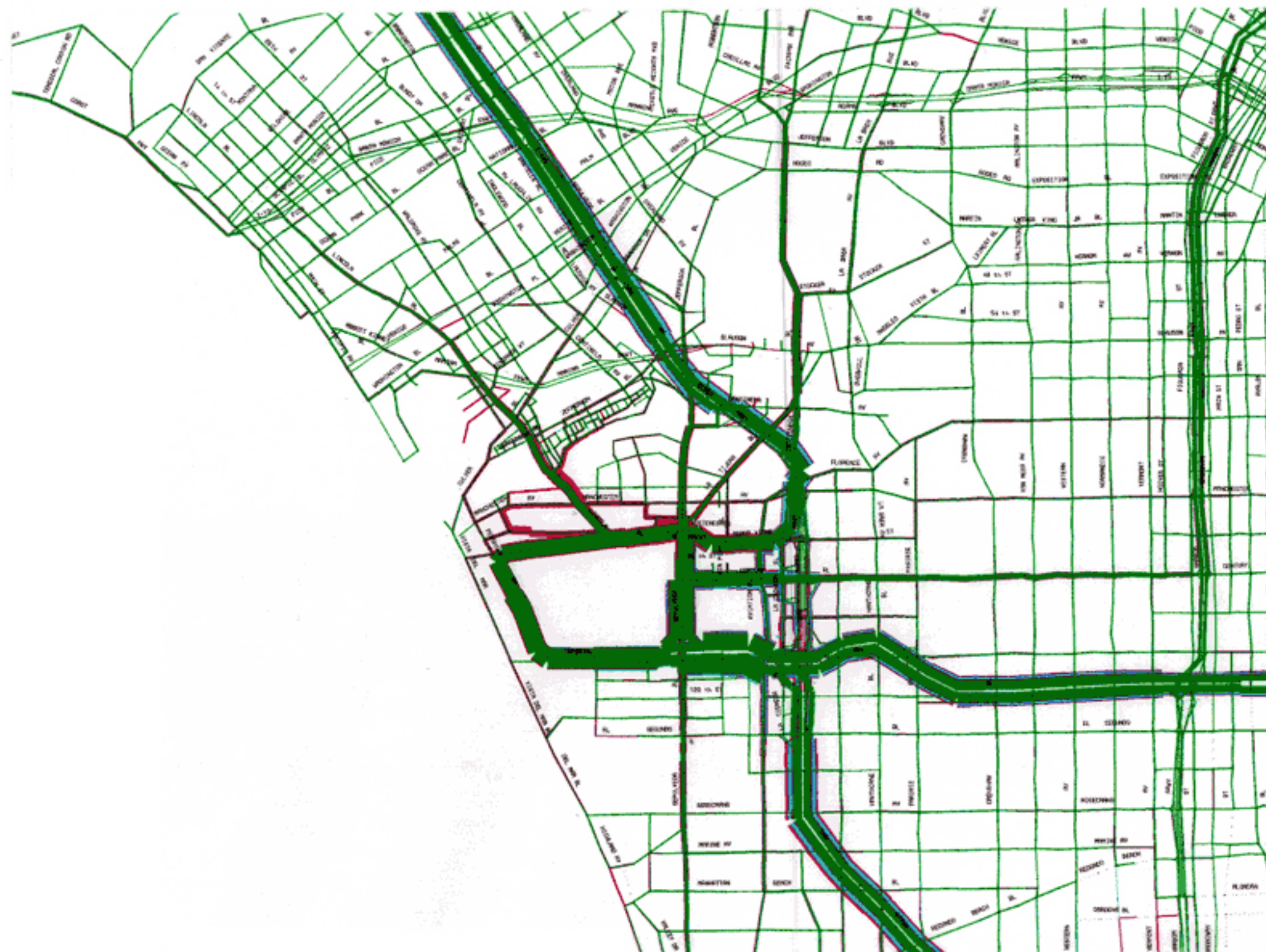
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Los Angeles International Airport  
 Master Plan

2015 No Action/No Project Alternative





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 UPPER: \*\*\*\*\*

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 CrgoL  
 CollH  
 CollL  
 PassH  
 PassL

Employee  
 Cargo  
 Collateral  
 Passenger

SCALE: 250  
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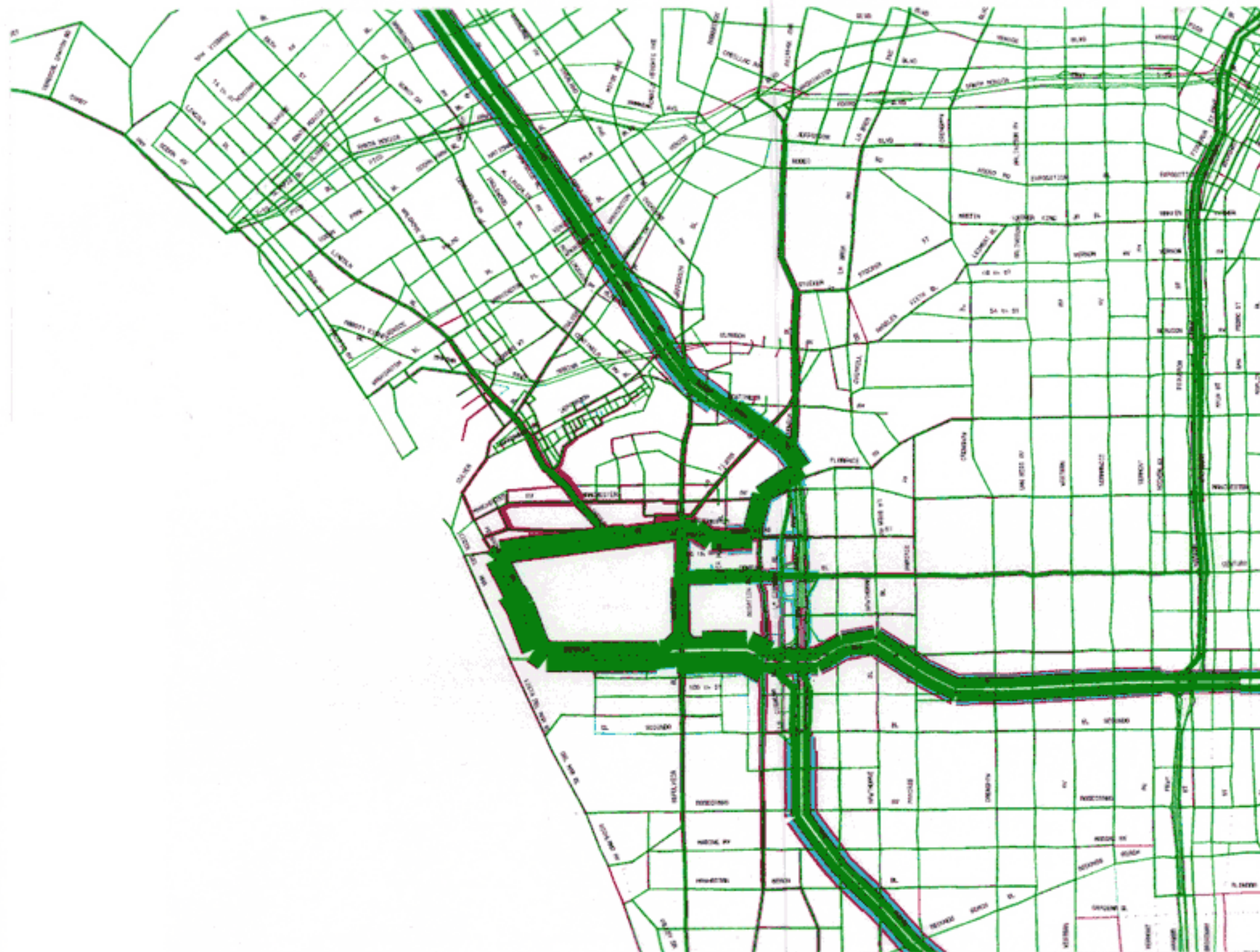
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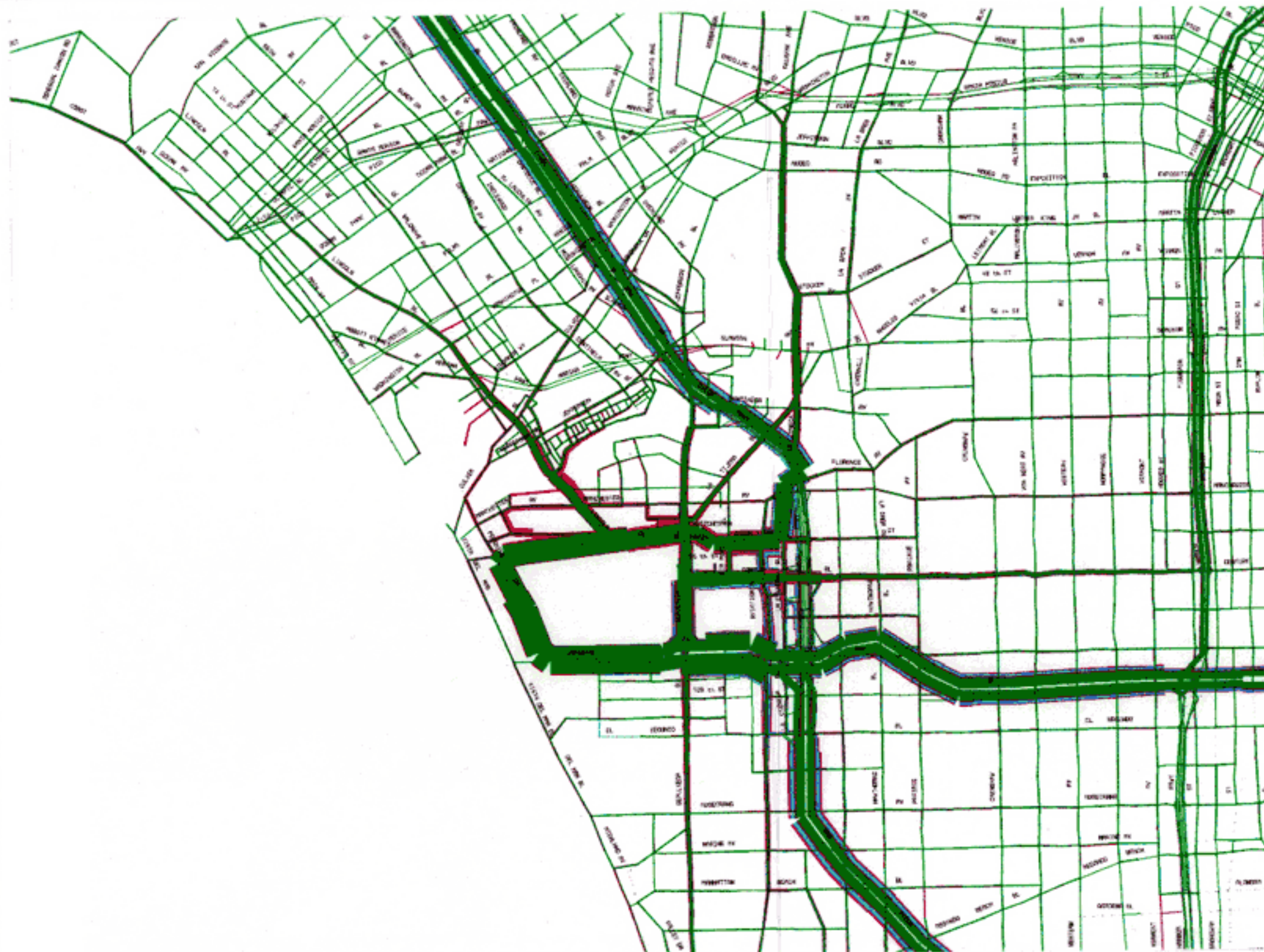
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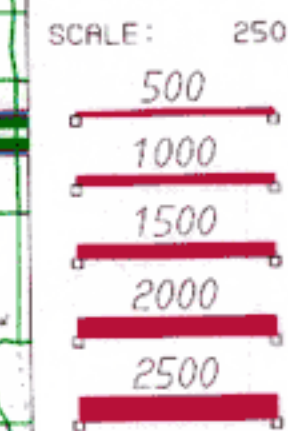




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 PassL

Employee  
 Cargo  
 Collateral  
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WINDOW V:  
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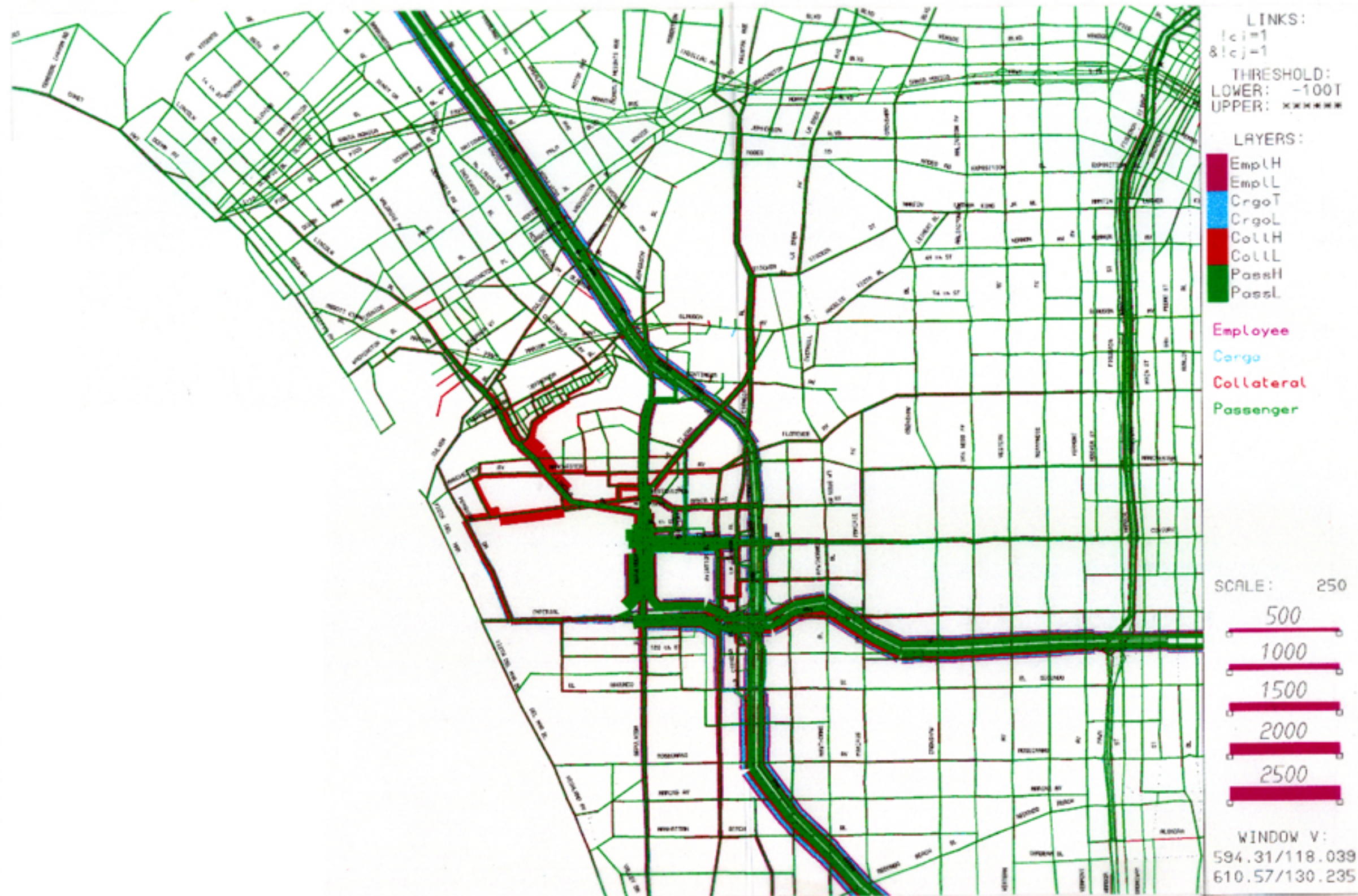
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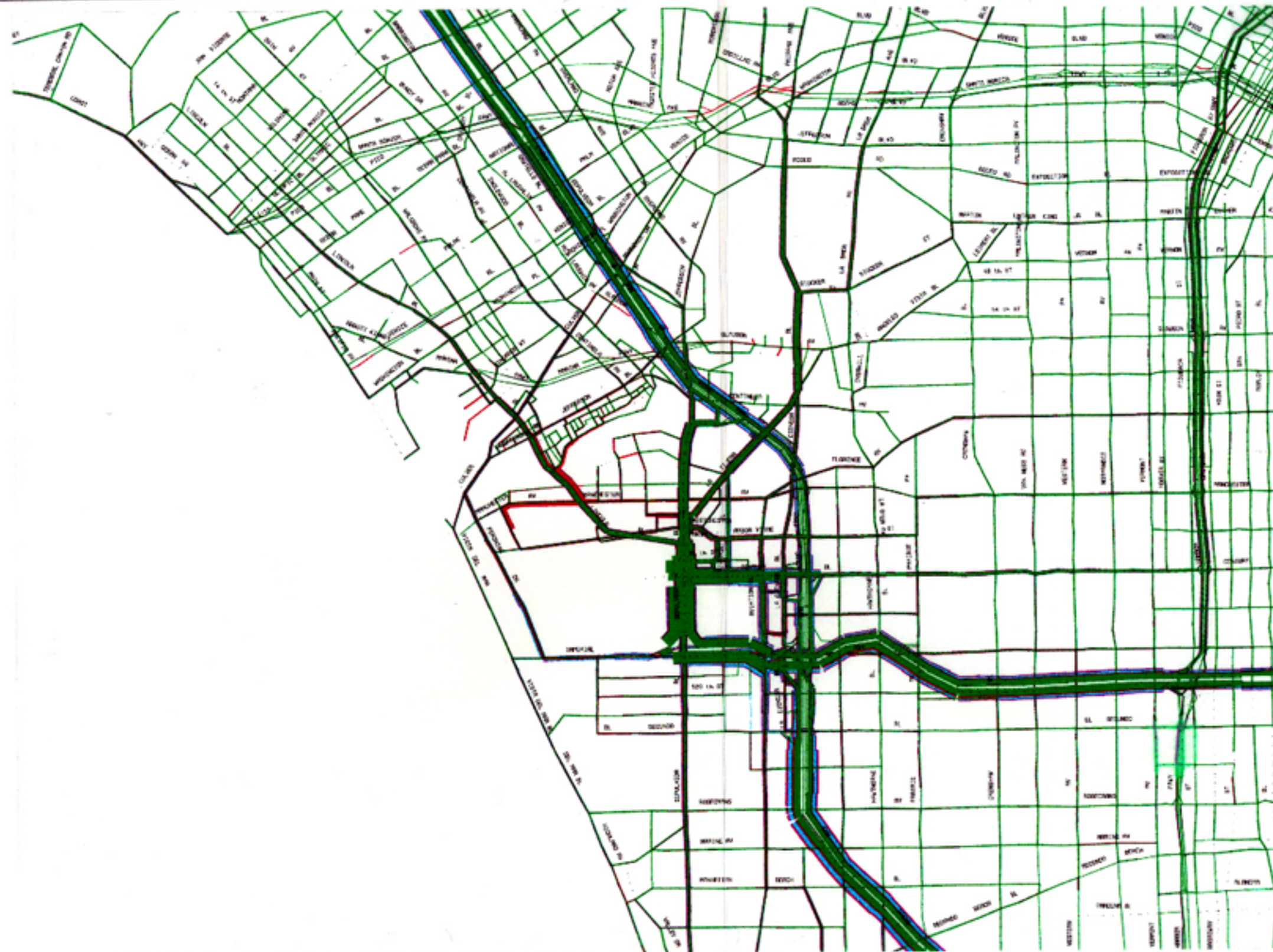
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Los Angeles International Airport  
 Master Plan

2015 Adjusted Environmental Baseline





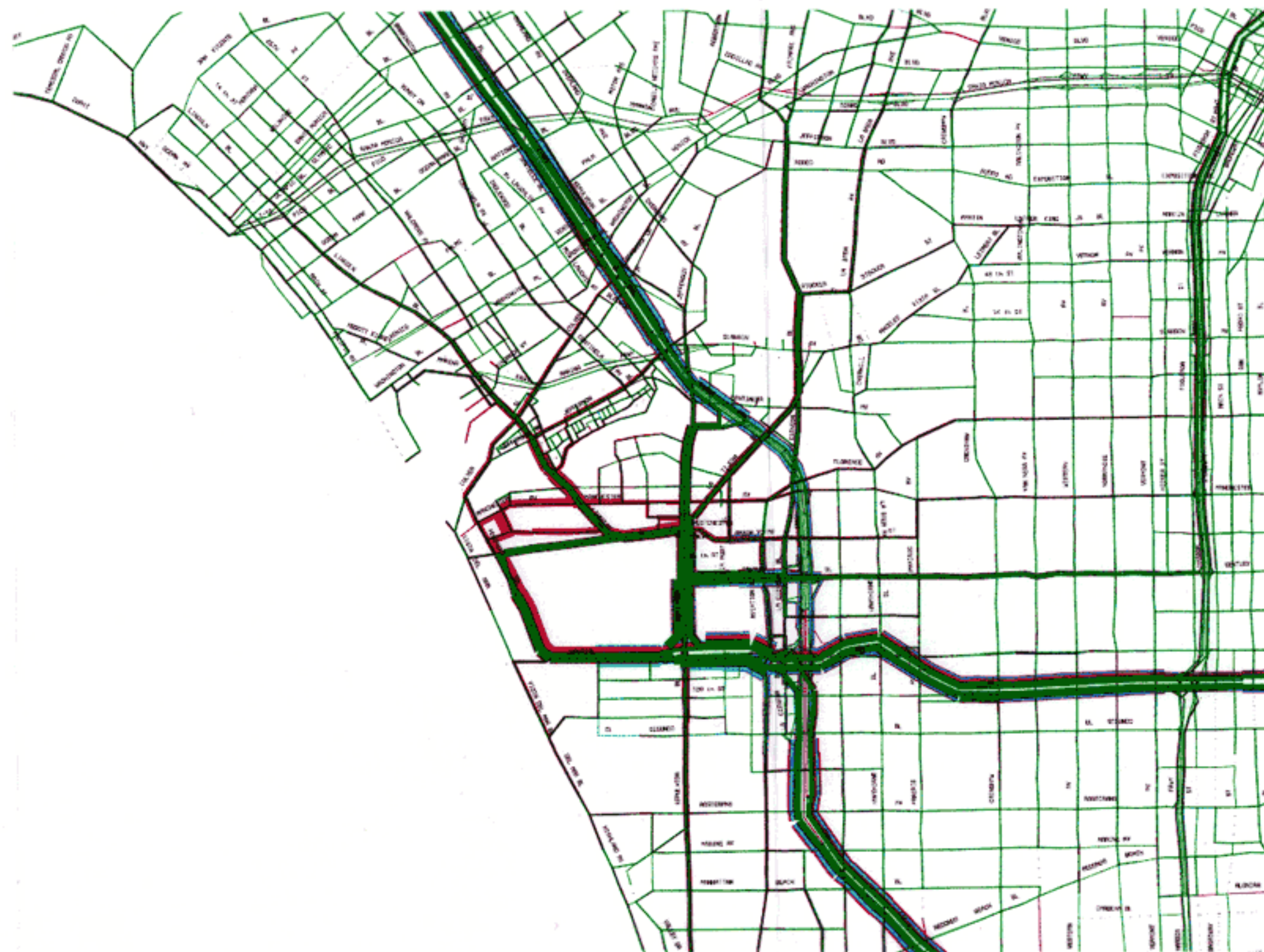
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 CollL  
 PassH  
 PassL

Employee  
 Cargo  
 Collateral  
 Passenger

SCALE: 250  
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 1000  
 1500  
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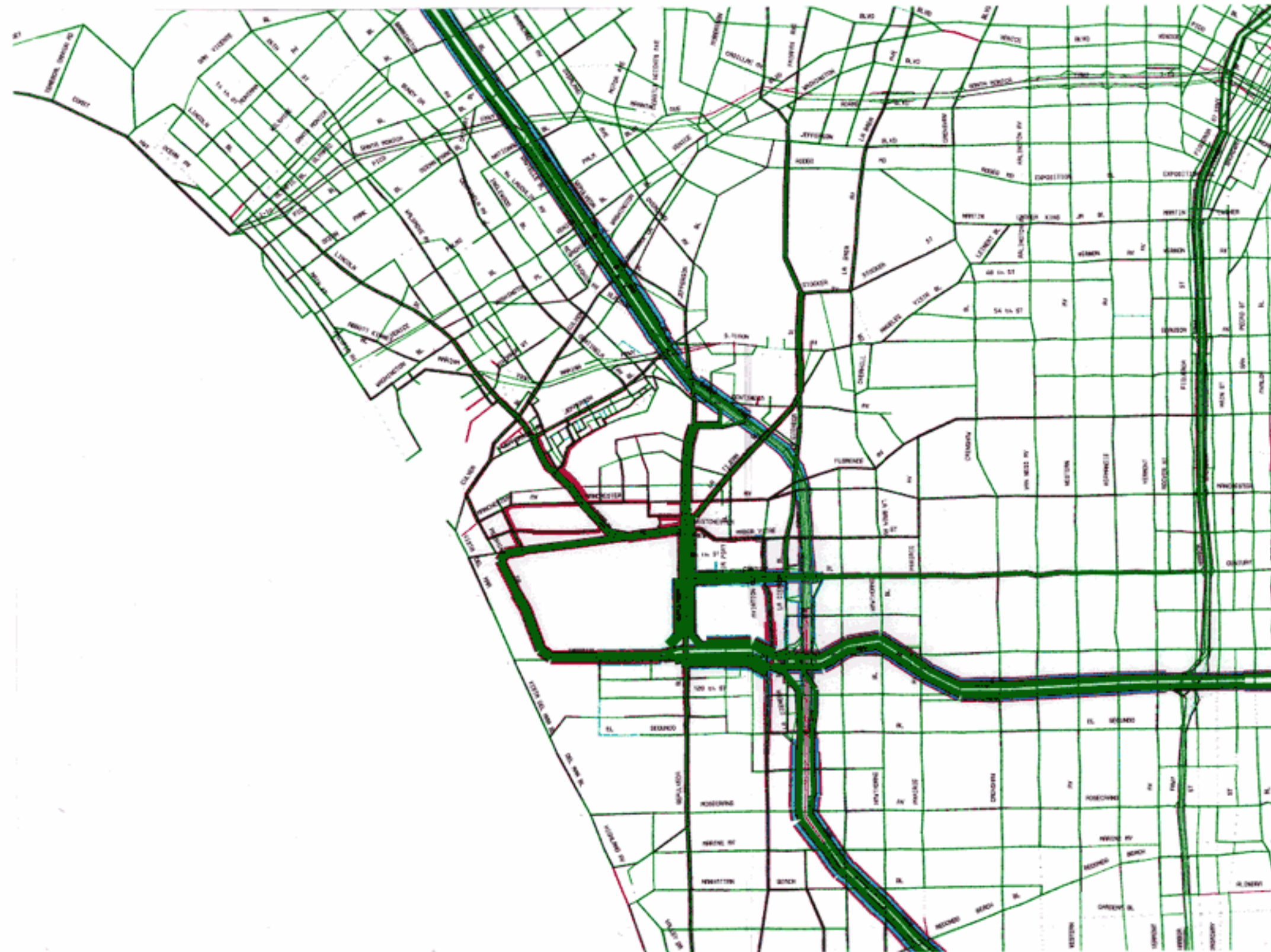
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2005 Alternative C





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 CollL  
 PassH  
 PassL

Employee  
 Cargo  
 Collateral  
 Passenger

SCALE: 250  
 500  
 1000  
 1500  
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WINDOW V:  
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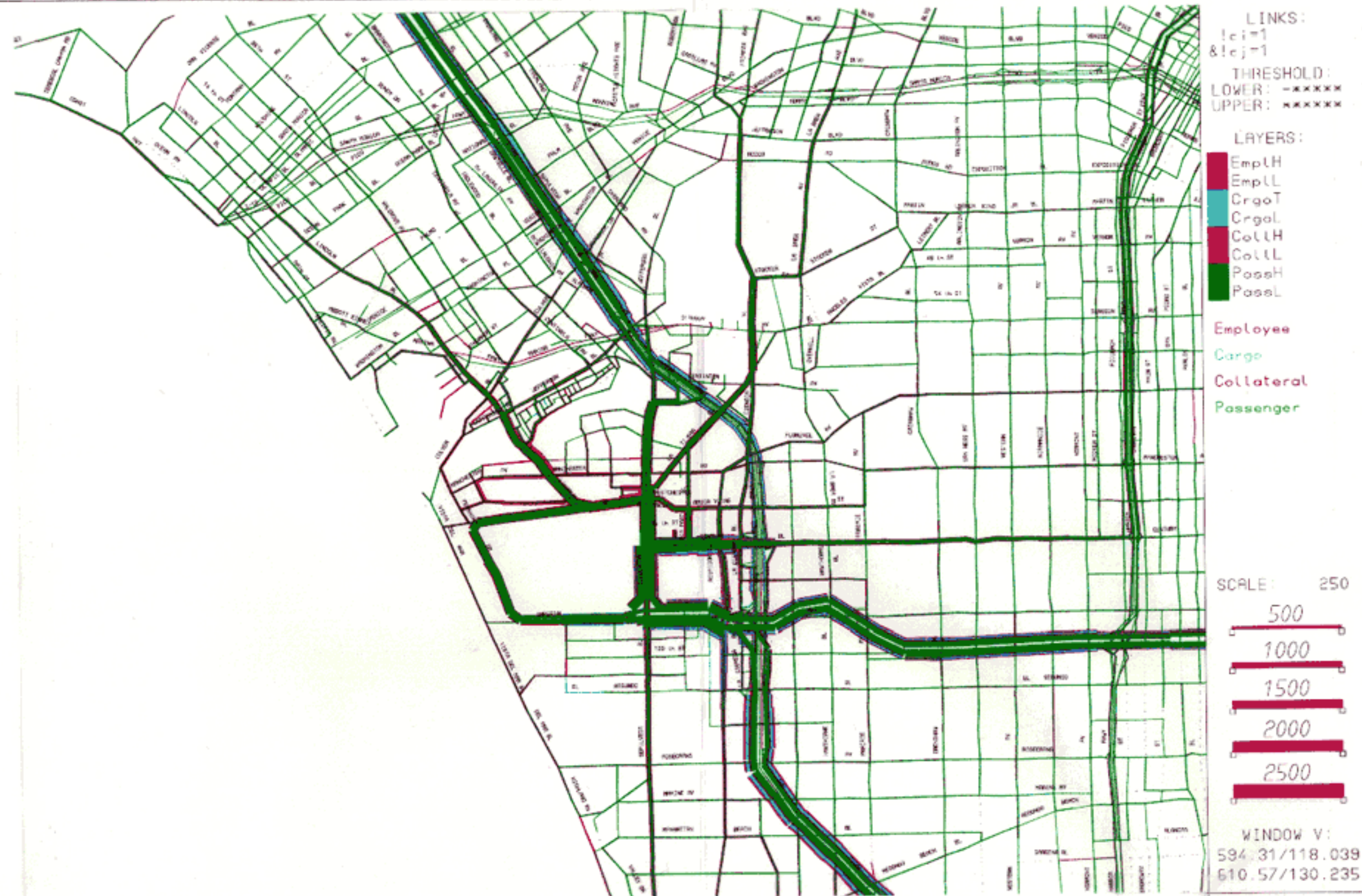
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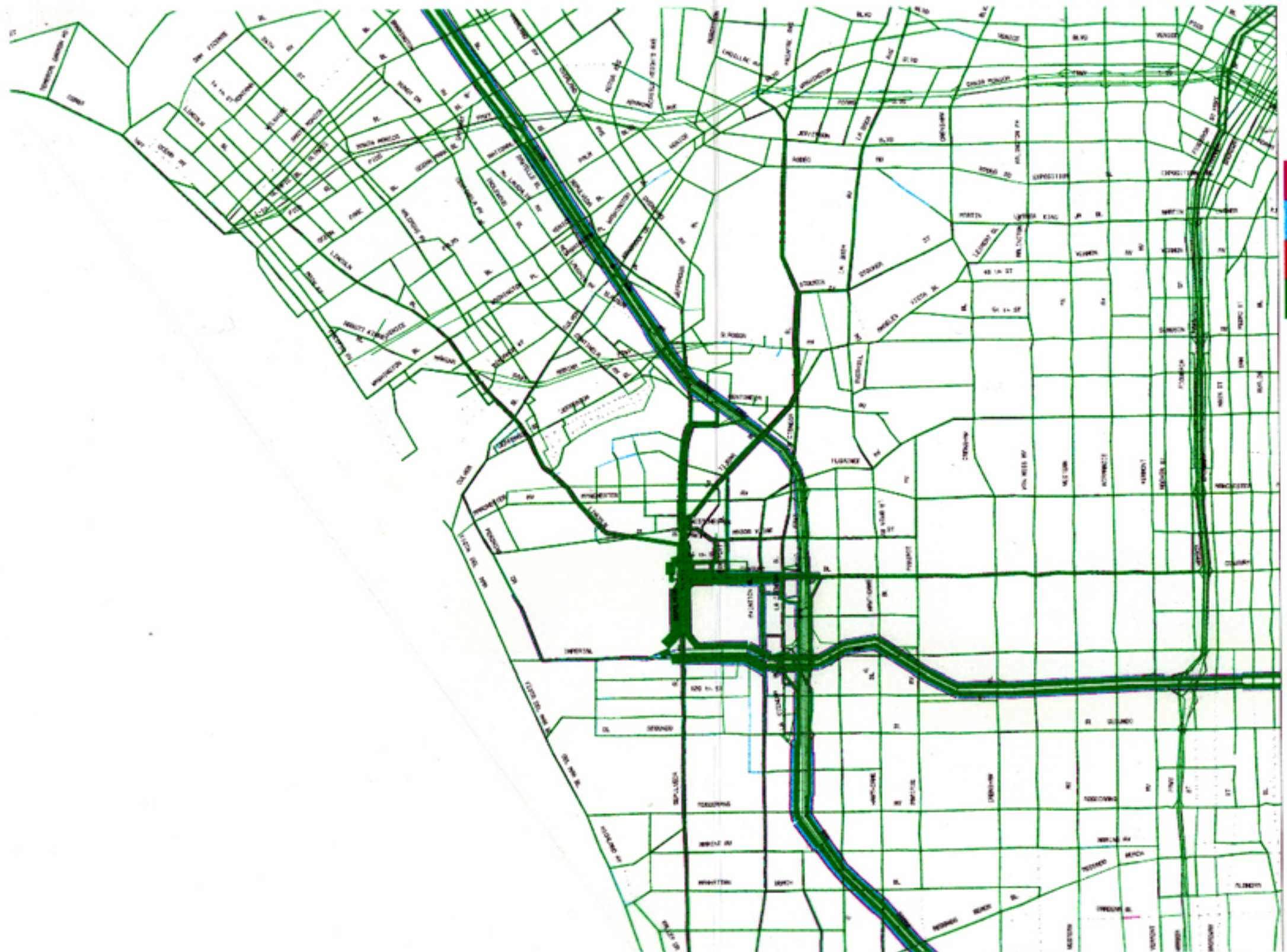
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# **Attachment C**

## **Level of Service Summaries**



## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.641	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.665	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.483	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.740	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.681	B
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.854	D
7	AVIATION BLVD & 111TH ST	10	AM	0.351	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.757	C
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	0.954	E
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.836	D
11	AVIATION BLVD & MANCHESTER AV	14	AM	0.811	D
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.177	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.071	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.060	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.688	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.769	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.901	E
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.606	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.436	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.995	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.809	D
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.689	B
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.140	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.729	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.640	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.284	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.813	D
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.291	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.049	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.797	C
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.834	D
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.592	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.775	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.531	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.945	E
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.176	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.256	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.263	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.326	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.663	B
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.868	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.776	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.460	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.608	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.911	E
46	LINCOLN BLVD & 83RD ST	87	AM	0.965	E
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.704	C
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.557	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.560	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.425	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.888	D
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.705	C
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.279	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.537	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.169	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.688	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.724	C
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.573	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.641	B
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.575	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.245	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.954	E
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.544	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.539	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.686	B
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.885	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.749	C
7	AVIATION BLVD & 111TH ST	10	PM	0.457	A
8	AVIATION BLVD & CENTURY BLVD	11	PM	0.990	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	0.961	E
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.313	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.784	C
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.479	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.092	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.983	E
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.723	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.869	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.079	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.349	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.607	B
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.136	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.459	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	0.937	E
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.893	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.795	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.806	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.271	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.997	E
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.502	A
29	PERSHING DR & IMPERIAL HWY	49	PM	0.907	E
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.001	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.538	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.481	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.841	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.695	B
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.257	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.245	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.504	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.244	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.433	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.763	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.937	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.856	D
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.514	A
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.580	A
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	0.688	B
46	LINCOLN BLVD & 83RD ST	87	PM	1.083	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	1.008	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.581	A
49	LINCOLN BLVD & TEALE ST	94	PM	0.726	C
50	PERSHING DR & MANCHESTER AV	98	PM	0.562	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.952	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	0.959	E
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.199	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.705	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.949	E
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.632	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.866	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.579	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.577	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.593	A
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.419	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.211	F
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.751	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.676	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.845	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.843	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.805	D
7	AVIATION BLVD & 111TH ST	10	AM	0.816	D
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.803	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	0.885	D
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.266	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.364	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.337	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.961	E
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.804	D
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.517	A
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.655	B
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.652	B
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.357	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.580	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.889	D
21	VISTA DEL MAR & GRAND AV	36	AM	0.467	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.415	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.863	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.626	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.804	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.647	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.590	A
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.464	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.675	B
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.853	D
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.720	C
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.541	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.613	B
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.457	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.942	E
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.576	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.601	B
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.397	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.874	D
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.028	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.590	A
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.398	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.369	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.618	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.407	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.267	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.823	D
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.481	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.439	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.257	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.814	D
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.087	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.110	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.806	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.920	E
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.667	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.515	A
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.733	C
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.326	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.423	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.329	A

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2005 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1550	0.724	C	1760	0.822	D	2	1875	0.876	D	1784	0.834	D	2	1464	0.584	B	1584	0.740	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1601	0.880	D	1086	0.587	A	2	1365	0.750	C	1483	0.815	D	2	1169	0.643	B	1407	0.774	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	807	0.444	A	880	0.484	A	2	766	0.421	A	1125	0.618	B	2	866	0.476	A	1035	0.569	A
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1546	0.850	D	1170	0.643	B	2	1567	0.861	D	1497	0.823	D	2	1423	0.782	C	1628	0.895	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	777	0.854	D	814	0.895	D	1	751	0.826	D	1032	1.135	F	1	740	0.814	D	854	0.939	E
6	Stocker Street	e/o La Brea Avenue	850	2	728	0.428	A	693	0.408	A	2	922	0.542	A	678	0.389	A	2	805	0.474	A	846	0.498	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	990	0.388	A	1703	0.688	B	3	1549	0.607	B	1198	0.470	A	3	910	0.357	A	853	0.335	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	815	0.362	A	1456	0.856	D	2	1110	0.653	B	1972	1.160	F	2	1140	0.671	B	887	0.522	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3005	0.541	A	2870	0.517	A	3	3336	0.601	A	3038	0.547	A	3	2073	0.374	A	2182	0.393	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1208	0.474	A	844	0.496	A	2*	949	0.558	A	1472	0.577	A	2	769	0.452	A	872	0.513	A
11	Archer Vitas	w/o La Brea Avenue	850	2	442	0.280	A	449	0.264	A	2	623	0.366	A	799	0.470	A	2	875	0.515	A	607	0.357	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1053	0.417	A	1186	0.465	A	3	1537	0.603	A	1013	0.397	A	3	1035	0.406	A	957	0.375	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	486	0.285	A	812	0.318	A	3	1255	0.492	A	707	0.277	A	2	724	0.426	A	836	0.492	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2252	0.577	A	973	0.249	A	3	1461	0.375	A	2478	0.635	B	3	1389	0.356	A	1135	0.291	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4451	0.858	D	1380	0.285	A	4	2304	0.443	A	4078	0.784	C	4	2501	0.481	A	2684	0.516	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	366	0.201	A	790	0.434	A	2	500	0.275	A	709	0.390	A	2	654	0.360	A	832	0.457	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1127	0.620	B	746	0.410	A	2	1014	0.557	A	765	0.421	A	2	578	0.318	A	901	0.495	A
18	Marina Freeway	e/o Lincoln Boulevard**	2140	2	1078	0.252	A	1052	0.246	A	2	1417	0.331	A	1155	0.270	A	2	1487	0.347	A	1288	0.301	A
19	Culver Boulevard	e/o Lincoln Boulevard	1850	2	1564	0.423	A	417	0.113	A	2	1002	0.271	A	1450	0.392	A	2	1377	0.372	A	1338	0.362	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	1686	0.463	A	863	0.316	A	4*	1379	0.379	A	2178	0.798	C	4*	506	0.139	A	1037	0.380	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	2876	0.672	B	1654	0.386	A	4	3473	0.811	D	2645	0.618	B	4	2341	0.547	A	2542	0.594	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1864	0.670	B	685	0.246	A	2	1199	0.431	A	2050	0.737	C	2	1057	0.380	A	1132	0.407	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	1079	0.388	A	438	0.157	A	2	545	0.196	A	1040	0.374	A	2	759	0.273	A	614	0.221	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1199	0.600	A	747	0.374	A	2	1158	0.579	A	1204	0.602	A	2	961	0.481	A	1064	0.532	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	629	0.370	A	1119	0.658	B	2	808	0.475	A	733	0.431	A	2	218	0.128	A	1040	0.612	B
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2541	0.847	D	1081	0.364	A	3	1862	0.621	B	2297	0.766	C	3	1286	0.429	A	1354	0.451	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	739	0.290	A	1561	0.612	B	3	1524	0.598	A	1267	0.497	A	3	985	0.386	A	1482	0.581	A
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	511	0.200	A	1234	0.484	A	3	1831	0.718	C	960	0.376	A	2	1123	0.661	B	1365	0.803	C
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	710	0.418	A	567	0.334	A	2	780	0.465	A	1350	0.794	C	2	763	0.449	A	470	0.276	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2057	0.791	C	392	0.151	A	2	480	0.185	A	1345	0.517	A	2	771	0.297	A	512	0.197	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2005 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000 2,000	5 1	7581 1481	0.758 0.741	C C	7802 1732	0.780 0.665	D D	5 1	8649 1896	0.865 0.948	D E	7228 1559	0.723 0.780	C C	5 1	9419 1988	0.942 0.994	E E	8944 2508	0.894 1.254	D F(0)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000 2,000	4 1	7215 1876	0.902 0.938	D D	8275 1744	1.034 0.872	F(0) D	4 1	8506 2201	1.075 1.101	F(0) F(0)	7936 1891	0.992 0.946	E E	4 1	8921 2218	1.115 1.109	F(0) F(0)	7765 2232	0.971 1.118	E F(0)
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000 2,000	4 1	8424 2148	1.053 1.074	F(0) F(0)	6755 1111	0.844 0.556	D C	4 1	7535 1770	0.942 0.885	E D	9076 1835	1.135 0.918	F(0) D	4 1	8814 2124	1.102 1.062	F(0) F(0)	8161 1695	1.020 0.848	F(0) D
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000 2,000	4 1	5840 1339	0.730 0.670	C C	7448 2027	0.931 1.014	D F(0)	4 1	6900 2272	0.863 1.135	D F(0)	5961 1452	0.870 0.726	D C	4 1	4174 2061	0.522 1.031	B F(0)	4571 2255	0.571 1.128	C F(0)

**Los Angeles International Airport Master Plan**

**2005 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMP**

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	685	0.457	B	702	0.468	B	1142	0.761	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	535	0.178	A	692	0.231	A	710	0.237	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	284	0.189	A	815	0.543	B	595	0.397	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	277	0.185	A	274	0.183	A	308	0.205	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	835	0.557	C	641	0.427	B	541	0.361	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	502	0.335	A	702	0.468	B	603	0.402	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	766	0.511	B	765	0.510	B	322	0.215	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	791	0.527	B	879	0.586	C	435	0.290	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	665	0.443	B	824	0.416	B	465	0.310	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	513	0.342	A	695	0.463	B	443	0.295	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	459	0.306	A	520	0.347	A	585	0.390	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1380	0.920	D	918	0.612	C	1166	0.777	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	941	0.627	C	1249	0.833	D	913	0.609	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	1009	0.673	C	945	0.630	C	1127	0.751	C
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	239	0.159	A	467	0.311	A	403	0.269	A
16	405 SB off-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	327	0.218	A	424	0.283	A	241	0.161	A
17	405 SB on-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	610	0.407	B	979	0.653	C	588	0.392	B
18	405 NB off-ramp at Century Blvd.	1,500	1	1356	0.904	D	794	0.529	B	625	0.417	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	369	0.246	A	766	0.511	B	243	0.162	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	583	0.389	B	433	0.289	A	482	0.321	A
21	405 SB off-ramp at La Cienega Blvd.	1,500	1	353	0.235	A	156	0.104	A	271	0.181	A
22	405 SB on-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	110	0.073	A	157	0.105	A	264	0.176	A
23	405 SB off-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	181	0.121	A	259	0.173	A	376	0.251	A
24	405 SB on-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	80	0.053	A	299	0.199	A	0	0.000	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	556	0.371	B	208	0.139	A	310	0.207	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	322	0.215	A	1361	0.907	D	391	0.261	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	873	0.582	C	610	0.407	B	507	0.338	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	218	0.145	A	646	0.431	B	323	0.215	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	363	0.242	A	306	0.204	A	431	0.287	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1242	0.414	B	2286	0.762	C	1538	0.513	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1023	0.227	A	1733	0.385	B	1306	0.290	A
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2758	0.919	D	2077	0.692	C	2336	0.779	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	772	0.515	B	509	0.339	A	883	0.589	C
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	781	0.521	B	910	0.607	C	881	0.587	C
35	105 WB off-ramp Nash St.	1,500	1	1698	1.132	F(0)	300	0.200	A	758	0.505	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	843	0.562	C	943	0.629	C	854	0.569	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	351	0.234	A	327	0.218	A	323	0.215	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	974	0.649	C	1176	0.784	D	649	0.433	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	137	0.091	A	706	0.471	B	541	0.361	B



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.783	C
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.526	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.564	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.847	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.921	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.987	E
7	AVIATION BLVD & 111TH ST	10	AM	0.503	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.939	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.036	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.950	E
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.086	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.291	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.110	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.133	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.806	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.799	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.843	D
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.611	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.475	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.106	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.911	E
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.767	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.203	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.726	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.639	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.344	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.807	D
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.201	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.307	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.815	D
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.835	D
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.893	D
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.789	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.479	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.880	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.407	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.405	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.272	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.366	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.688	B
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.885	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.775	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.425	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.646	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.807	D
46	LINCOLN BLVD & 83RD ST	87	AM	0.989	E
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.976	E
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.593	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.463	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.414	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.993	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.764	C
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.375	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.615	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.261	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.722	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.837	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.787	C
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.788	C
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.679	B
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.377	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	1.007	F
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.569	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.574	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.765	C
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.976	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.783	C
7	AVIATION BLVD & 111TH ST	10	PM	0.635	B
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.028	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.012	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.185	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.853	D
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.505	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.077	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.001	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.755	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.894	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.025	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.378	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.721	C
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.179	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.478	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	0.989	E
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.914	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.832	D
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.918	E
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.291	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.951	E
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.615	B
29	PERSHING DR & IMPERIAL HWY	49	PM	0.922	E
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.009	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.557	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.521	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.863	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.647	B
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.229	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.351	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.555	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.246	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.453	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.819	D
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.926	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.859	D
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.486	A
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.698	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	0.859	D
46	LINCOLN BLVD & 83RD ST	87	PM	1.345	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	1.440	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.611	B
49	LINCOLN BLVD & TEALE ST	94	PM	0.580	A
50	PERSHING DR & MANCHESTER AV	98	PM	0.671	B
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.992	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	0.985	E
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.278	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.737	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	1.033	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.660	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.947	E
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.603	B
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.636	B
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.653	B
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.415	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.257	F
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.720	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.697	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.883	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.886	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.825	D
7	AVIATION BLVD & 111TH ST	10	AM	0.857	D
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.853	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.015	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.254	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.396	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.369	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.965	E
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.833	D
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.563	A
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.746	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.609	B
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.369	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.639	B
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.943	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.489	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.455	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.880	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.658	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.856	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.681	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.548	A
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.408	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.721	C
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.974	E
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.571	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.580	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.658	B
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.423	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.887	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.699	B
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.686	B
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.418	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.840	D
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.090	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.650	B
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.412	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.342	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.626	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.468	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.347	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.950	E
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.510	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.383	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.249	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.891	D
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.060	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.133	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.843	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.100	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.689	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.569	A
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.823	D
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.329	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.466	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.391	A

Los Angeles International Airport Master Plan

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR																								
No.		Link Location	Lane Count	AM Peak Hour						PM Peak Hour						AP Peak Hour								
				No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB		
					Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1528	0.714	C	1801	0.842	D	2	1853	0.866	D	1775	0.829	D	2	1480	0.692	B	1588	0.742	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1614	0.887	D	1101	0.605	B	2	1382	0.765	C	1495	0.822	D	2	1185	0.651	B	1434	0.788	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	825	0.454	A	999	0.549	A	2	846	0.465	A	1095	0.602	A	2	897	0.493	A	1072	0.589	A
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1542	0.848	D	1195	0.657	B	2	1526	0.839	D	1524	0.838	D	2	1451	0.798	C	1666	0.916	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	791	0.870	D	855	0.940	E	1	753	0.828	D	1020	1.121	F	1	748	0.822	D	881	0.969	E
6	Stocker Street	e/o La Brea Avenue	850	2	744	0.438	A	758	0.446	A	2	910	0.535	A	688	0.405	A	2	828	0.487	A	869	0.511	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	974	0.382	A	1732	0.679	B	3	1554	0.609	B	1197	0.469	A	3	923	0.362	A	872	0.342	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	622	0.366	A	1490	0.876	D	2	1116	0.656	B	1964	1.155	F	2	1135	0.668	B	905	0.532	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3038	0.547	A	2936	0.529	A	3	3431	0.618	B	3060	0.551	A	3	2104	0.379	A	2247	0.405	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1202	0.471	A	914	0.538	A	2*	981	0.577	A	1468	0.578	A	2	763	0.449	A	877	0.516	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	493	0.290	A	515	0.303	A	2	682	0.401	A	820	0.482	A	2	945	0.556	A	629	0.370	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1072	0.420	A	1305	0.512	A	3	1619	0.635	B	1128	0.442	A	3	1083	0.425	A	1029	0.404	A
13	Imperial Highway	w/o La Brea Avenue	850	3*	490	0.288	A	963	0.378	A	3	1393	0.546	A	748	0.293	A	2	780	0.459	A	938	0.551	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2427	0.622	B	932	0.239	A	3	1496	0.384	A	2579	0.661	B	3	1456	0.373	A	1109	0.284	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4776	0.918	E	1357	0.261	A	4	2335	0.449	A	4131	0.794	C	4	2609	0.502	A	2684	0.516	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	369	0.203	A	849	0.467	A	2	521	0.286	A	710	0.390	A	2	677	0.372	A	869	0.478	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1151	0.633	B	740	0.407	A	2	1053	0.579	A	766	0.421	A	2	583	0.321	A	895	0.492	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1112	0.260	A	1146	0.268	A	2	1447	0.338	A	1188	0.278	A	2	1485	0.347	A	1277	0.298	A
19	Culver Boulevard	e/o Lincoln Boulevard**	1850	2	1557	0.421	A	419	0.113	A	2	1053	0.285	A	1428	0.386	A	2	1396	0.377	A	1374	0.371	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	1789	0.492	A	898	0.329	A	4*	1647	0.453	A	2306	0.845	D	4*	564	0.155	A	1067	0.391	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	2722	0.636	B	1669	0.390	A	4	3682	0.860	D	2623	0.613	B	4	2418	0.565	A	2569	0.600	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1851	0.665	B	775	0.279	A	2	1324	0.476	A	2074	0.746	C	2	1083	0.389	A	1186	0.426	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	1054	0.379	A	459	0.165	A	2	579	0.208	A	1092	0.393	A	2	761	0.274	A	643	0.231	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1213	0.607	B	829	0.415	A	2	1179	0.590	A	1172	0.586	A	2	968	0.484	A	1068	0.534	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	630	0.371	A	1158	0.681	B	2	834	0.491	A	776	0.456	A	2	223	0.131	A	1057	0.622	B
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2575	0.858	D	1108	0.369	A	3	1892	0.631	B	2219	0.740	C	3	1333	0.444	A	1403	0.468	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	793	0.311	A	1707	0.669	B	3	1564	0.613	B	1330	0.522	A	3	1029	0.404	A	1546	0.606	B
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	491	0.193	A	1350	0.529	A	3	1945	0.763	C	962	0.377	A	2	1142	0.672	B	1420	0.835	D
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	814	0.479	A	604	0.355	A	2	849	0.499	A	1386	0.815	D	2	800	0.471	A	488	0.287	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2192	0.843	D	380	0.146	A	2	470	0.181	A	1396	0.537	A	2	790	0.304	A	528	0.202	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to an on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Interactions at both ends of these links have ATSAC, the capacities of those links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR RIVERSIDE															AP Peak Hour								
No.	Link Location	Lane Count	AM Peak Hour						PM Peak Hour						No. of Lanes	NB/EB			SB/WB				
			No. of Lanes	Vol	NB/EB Y/C	LOS	Vol	SB/WB Y/C	LOS	No. of Lanes	Vol	NB/EB Y/C	LOS	Vol		SB/WB Y/C	LOS	Vol	NB/EB Y/C	LOS	Vol	SB/WB Y/C	LOS
1	Interstate 405 n/o Vanice Blvd. HOV	2,000	5	7790	0.779	C	7864	0.786	D	5	8696	0.870	D	7170	0.717	C	5	9538	0.954	E	9130	0.913	D
		2,000	1	1350	0.675	C	1738	0.868	D	1	1805	0.953	E	1577	0.789	D	1	2039	1.020	F(0)	2432	1.216	F(0)
2	Interstate 405 n/o La Tijera Blvd. HOV	2,000	4	7399	0.925	D	8497	1.062	F(0)	4	8590	1.074	F(0)	7958	0.995	E	4	8941	1.118	F(0)	7829	0.979	E
		2,000	1	1858	0.929	D	1722	0.861	D	1	2294	1.147	F(0)	1881	0.941	E	1	2252	1.126	F(0)	2197	1.099	F(0)
3	Interstate 405 s/o Rosecrans Ave. HOV	2,000	4	8725	1.091	F(0)	6910	0.864	D	4	7590	0.949	E	9368	1.171	F(0)	4	8989	1.124	F(0)	8361	1.045	F(0)
		2,000	1	2038	1.018	F(0)	1079	0.540	B	1	1781	0.891	D	1820	0.910	D	1	2181	1.091	F(0)	1724	0.882	D
4	Interstate 105 e/o Crenshaw Blvd. HOV	2,000	4	5987	0.748	C	7902	0.988	E	4	7075	0.884	D	7126	0.891	D	4	4291	0.536	B	4737	0.592	C
		2,000	1	1152	0.576	C	1907	0.954	E	1	2172	1.086	F(0)	1429	0.715	C	1	1913	0.957	E	2220	1.110	F(0)

## Los Angeles International Airport Master Plan

## 2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMPS

No.	Freeway Ramps		Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
					Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp	at Sepulveda Blvd.	1,500	1	707	0.471	B	710	0.473	B	1148	0.765	C
2	405 SB off-ramp	at Howard Hughes Pkwy.	1,500	2	601	0.200	A	743	0.248	A	772	0.257	A
3	405 SB on-ramp	at Howard Hughes Pkwy.	1,500	1	274	0.183	A	820	0.547	B	633	0.422	B
4	405 NB off-ramp	at Howard Hughes Pkwy.	1,500	1	278	0.185	A	276	0.184	A	309	0.206	A
5	405 NB on-ramp	at Howard Hughes Pkwy.	1,500	1	856	0.571	C	745	0.497	B	560	0.373	B
6	405 SB off-ramp	at La Tijera Blvd.	1,500	1	516	0.344	A	703	0.469	B	607	0.405	B
7	405 SB on-ramp	at La Tijera Blvd.	1,500	1	753	0.502	B	745	0.497	B	340	0.227	A
8	405 NB off-ramp	at La Tijera Blvd.	1,500	1	795	0.530	B	854	0.569	C	452	0.301	A
9	405 NB on-ramp	at La Tijera Blvd.	1,500	1	673	0.449	B	616	0.411	B	480	0.320	A
10	405 NB on-ramp	at Manchester Blvd. East	1,500	1	465	0.310	A	700	0.467	B	449	0.299	A
11	405 NB on-ramp	at Manchester Blvd. West	1,500	1	458	0.305	A	522	0.348	A	591	0.394	B
12	405 NB off-ramp	at Manchester Blvd.	1,500	1	1391	0.927	D	949	0.633	C	1179	0.786	D
13	405 SB on-ramp	at Manchester Blvd.	1,500	1	938	0.625	C	1291	0.861	D	902	0.601	C
14	405 SB off-ramp	at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	1112	0.741	C	958	0.639	C	1248	0.832	D
15	405 SB on-ramp	at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	348	0.232	A	492	0.328	A	485	0.323	A
16	405 SB off-ramp	at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	448	0.299	A	513	0.342	A	403	0.269	A
17	405 SB on-ramp	at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	634	0.423	B	1001	0.667	C	818	0.545	B
18	405 NB off-ramp	at Century Blvd.	1,500	1	1434	0.956	E	833	0.555	C	670	0.447	B
19	405 NB on-ramp	at Century Blvd. EB	1,500	1	457	0.305	A	824	0.549	B	290	0.193	A
20	405 NB on-ramp	at Century Blvd. WB	1,500	1	612	0.408	B	426	0.284	A	471	0.314	A
21	405 SB off-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	349	0.233	A	146	0.097	A	333	0.222	A
22	405 SB on-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	193	0.129	A	200	0.133	A	263	0.175	A
23	405 SB off-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	200	0.133	A	274	0.183	A	377	0.251	A
24	405 SB on-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	4	0.003	A
25	405 SB off-ramp	El Segundo Blvd.	1,500	1	658	0.439	B	230	0.153	A	292	0.195	A
26	405 SB on-ramp	El Segundo Blvd.	1,500	1	337	0.226	A	1572	1.048	F(0)	442	0.295	A
27	405 NB off-ramp	El Segundo Blvd.	1,500	1	1048	0.699	C	739	0.493	B	580	0.387	B
28	405 NB on-ramp	El Segundo Blvd. EB	1,500	1	232	0.155	A	645	0.430	B	317	0.211	A
29	405 NB on-ramp	El Segundo Blvd. WB	1,500	1	367	0.245	A	301	0.201	A	447	0.298	A
30	105 EB on-ramp	Sepulveda Blvd. SB	1,500	2	1986	0.465	B	2488	0.829	D	1635	0.545	B
31	105 EB on-ramp	Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1097	0.244	A	1824	0.405	B	1361	0.302	A
32	105 WB off-ramp	Sepulveda Blvd. NB	1,500	2	2890	0.997	E	2375	0.792	D	2600	0.867	D
33	105 WB off-ramp	Sepulveda Blvd. SB	1,500	1	815	0.543	B	507	0.338	A	860	0.573	C
34	105 EB on-ramp	Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	907	0.605	C	935	0.623	C	991	0.661	C
35	105 WB off-ramp	Nash St.	1,500	1	1770	1.180	F(0)	323	0.215	A	883	0.589	C
36	105 EB on-ramp	Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	848	0.565	C	934	0.623	C	874	0.583	C
37	105 EB on-ramp	Hawthorne Blvd. SB	1,500	1	350	0.233	A	349	0.233	A	299	0.199	A
38	105 WB off-ramp	Hawthorne Blvd.	1,500	1	978	0.652	C	1178	0.785	D	632	0.421	B
39	105 EB On-ramp	Atwood Wy (Bet Nash/Douglas)	1,500	1	185	0.123	A	762	0.508	B	568	0.379	B



## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.608	B
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.647	B
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.829	D
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.529	A
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.735	C
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.719	C
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.519	A
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.833	D
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.073	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	0.978	E
12	AVIATION BLVD & IMPERIAL HWY	13	AM	0.601	B
13	AVIATION BLVD & MANCHESTER AV	14	AM	0.789	C
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.417	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	0.929	E
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.082	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.806	D
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.473	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.587	A
20	VISTA DEL MAR & CULVER BLVD	33	AM	0.326	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.231	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.076	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.662	B
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.820	D
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.957	E
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.840	D
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.608	B
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.267	A
29	MAIN ST & IMPERIAL HWY/RING ROAD	47	AM	0.874	D
30	MAIN ST & IMPERIAL HWY/RING ROAD	47	AM	0.829	D
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.103	F
32	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.988	E
34	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.704	C
35	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.326	A
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.737	C
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.497	A
38	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.958	E

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	AM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.161	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.237	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.221	A
43	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.697	B
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.811	D
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.656	B
46	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.585	A
47	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.633	B
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.490	F
49	LINCOLN BLVD & 83RD ST	87	AM	1.081	F
50	LINCOLN BLVD & MANCHESTER AV	88	AM	0.741	C
51	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	AM	0.582	A
53	PERSHING DR & MANCHESTER AV	98	AM	0.534	A
54	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.051	F
55	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.838	D
56	PERSHING DR & WESTCHESTER PKWY	101	AM	0.177	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.646	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.104	F
59	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.853	D
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.825	D
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.717	C
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.737	C
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.653	B
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.611	B
65	LA CIENEGA BLVD & 120TH ST	313	AM	0.257	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.891	D
2	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.633	B
3	AIRPORT BLVD & CENTURY BLVD	4	PM	0.732	C
4	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.510	A
5	AIRPORT BLVD & MANCHESTER AV	6	PM	0.721	C
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.796	C
7	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.835	D
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.670	B
9	AVIATION BLVD & 111TH ST	10	PM		
10	AVIATION BLVD & CENTURY BLVD	11	PM	0.858	D
11	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.063	F
12	AVIATION BLVD & IMPERIAL HWY	13	PM	0.849	D
13	AVIATION BLVD & MANCHESTER AV	14	PM	0.846	D
14	AVIATION BLVD & ROSECRANS AV	15	PM	1.511	F
15	CENTINELA AV & JEFFERSON BLVD	18	PM	1.133	F
16	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.988	E
17	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.674	B
18	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.595	A
19	CULVER BLVD & JEFFERSON BLVD	28	PM	0.953	E
20	VISTA DEL MAR & CULVER BLVD	33	PM	0.369	A
21	DOUGLAS ST & IMPERIAL HWY	34	PM	0.291	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.146	F
23	VISTA DEL MAR & GRAND AV	36	PM	0.497	A
24	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.015	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.808	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.775	C
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.521	A
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.280	A
29	MAIN ST & IMPERIAL HWY/RING ROAD	47	PM	0.813	D
30	MAIN ST & IMPERIAL HWY/RING ROAD	47	PM	0.672	B
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.532	A
32	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.482	F
34	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.650	B
35	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.320	A
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.836	D
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.641	B
38	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.097	F

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	PM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.335	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.204	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.168	A
43	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.693	B
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.947	E
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.820	D
46	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.737	C
47	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.642	B
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.505	F
49	LINCOLN BLVD & 83RD ST	87	PM	1.174	F
50	LINCOLN BLVD & MANCHESTER AV	88	PM	1.258	F
51	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	PM	0.576	A
53	PERSHING DR & MANCHESTER AV	98	PM	0.657	B
54	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.088	F
55	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.303	F
56	PERSHING DR & WESTCHESTER PKWY	101	PM	0.173	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.595	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.915	E
59	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.682	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.895	D
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.683	B
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.517	A
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.593	A
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.615	B
65	LA CIENEGA BLVD & 120TH ST	313	PM	0.341	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.902	E
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.649	B
3	AIRPORT BLVD & CENTURY BLVD	4	AM	1.042	F
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.678	B
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.958	E
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.725	C
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.647	B
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.869	D
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.123	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.044	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	1.145	F
13	AVIATION BLVD & MANCHESTER AV	14	AM	1.316	F
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.391	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.002	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.789	C
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.594	A
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.152	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.522	A
20	CULVER BLVD & VISTA DEL MAR	33	AM	0.280	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.431	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.022	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.553	A
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.484	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.842	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.635	B
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.731	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.672	B
29	MAIN ST & IMPERIAL HWY/RING ROAD	47	AM	0.817	D
30	MAIN ST & IMPERIAL HWY?RING ROAD	47	AM	0.658	B
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.443	A
32	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.798	C
34	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.566	A
35	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.582	A
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.628	B
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.407	A
38	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.801	D

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	AM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.414	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.310	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.624	B
43	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.112	F
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.602	B
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.407	A
46	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.745	C
47	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.557	A
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.704	C
49	LINCOLN BLVD & 83RD ST	87	AM	1.349	F
50	LINCOLN BLVD & MANCHESTER AV	88	AM	1.002	F
51	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	AM	0.399	A
53	PERSHING DR & MANCHESTER AV	98	AM	0.194	A
54	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.808	D
55	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.419	F
56	PERSHING DR & WESTCHESTER PKWY	101	AM	0.374	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.831	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.893	D
59	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.674	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.405	A
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.415	A
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.859	D
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.440	A
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.441	A
65	LA CIENEGA BLVD & 120TH ST	313	AM	0.383	A

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE A WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1554	0.726	C	1740	0.813	D	2	1830	0.855	D	1762	0.823	D	2	1471	0.687	B	1555	0.727	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1603	0.881	D	1075	0.591	A	2	1362	0.749	C	1465	0.805	D	2	1181	0.649	B	1355	0.745	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	799	0.439	A	943	0.518	A	2	750	0.412	A	1147	0.631	B	2	814	0.447	A	1145	0.629	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1588	0.873	D	1123	0.617	B	2	1597	0.878	D	1481	0.814	D	2	1578	0.868	D	1568	0.862	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	792	0.871	D	799	0.879	D	1	748	0.822	D	1025	1.127	F	1	735	0.808	D	849	0.933	E
6	Stocker Street	e/o La Brea Avenue	850	2	759	0.446	A	674	0.396	A	2	891	0.524	A	690	0.406	A	2	831	0.489	A	843	0.496	A
7	Slauson Avenue	s/o La Brea Avenue	850	3	1011	0.396	A	1743	0.684	B	3	1538	0.603	A	1187	0.469	A	3	950	0.373	A	888	0.348	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	635	0.374	A	1481	0.871	D	2	1110	0.653	B	1964	1.155	F	2	1153	0.678	B	886	0.521	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3020	0.544	A	2822	0.508	A	3	3364	0.606	B	3083	0.555	A	3	2087	0.376	A	2220	0.400	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1212	0.475	A	845	0.497	A	2*	982	0.578	A	1521	0.586	A	2	773	0.455	A	891	0.524	A
11	Arbor Vitae Street	w/o La Brea Avenue	850	2	585	0.344	A	479	0.282	A	2	679	0.399	A	855	0.504	A	2	967	0.569	A	1005	0.394	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1164	0.456	A	1188	0.466	A	3	1610	0.631	B	1149	0.451	A	3	1085	0.425	A	975	0.574	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	540	0.318	A	791	0.310	A	3	1273	0.499	A	705	0.276	A	2	764	0.449	A	975	0.574	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2270	0.582	A	1142	0.293	A	3	1496	0.384	A	2451	0.628	B	3	1455	0.373	A	1160	0.297	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4515	0.868	D	1535	0.295	A	4	2382	0.458	A	4094	0.787	C	4	2557	0.492	A	2551	0.491	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	385	0.212	A	764	0.420	A	2	526	0.289	A	714	0.393	A	2	676	0.372	A	814	0.447	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1136	0.625	B	759	0.417	A	2	1026	0.564	A	758	0.417	A	2	588	0.323	A	905	0.488	A
18	Marina Freeway	e/o Lincoln Boulevard**	2140	2	1077	0.252	A	1054	0.246	A	2	1377	0.322	A	1172	0.274	A	2	1434	0.335	A	1251	0.292	A
19	Culver Boulevard	e/o Lincoln Boulevard	1850	2	1405	0.380	A	409	0.111	A	2	1026	0.277	A	1531	0.414	A	2	1366	0.369	A	1347	0.364	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	1619	0.445	A	929	0.340	A	4*	1588	0.437	A	2223	0.815	D	4*	519	0.143	A	989	0.362	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3192	0.746	C	1607	0.375	A	4	3605	0.842	D	2739	0.640	B	4	2534	0.592	A	2524	0.590	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1229	0.442	A	735	0.264	A	2	1252	0.450	A	2028	0.729	C	2	941	0.338	A	1163	0.416	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	408	0.147	A	296	0.106	A	2	587	0.211	A	983	0.353	A	2	584	0.210	A	570	0.205	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1235	0.618	B	756	0.378	A	2	1135	0.568	A	1186	0.593	A	2	960	0.480	A	1071	0.536	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	632	0.372	A	1096	0.645	B	2	792	0.466	A	750	0.441	A	2	200	0.118	A	1008	0.593	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2504	0.835	D	985	0.328	A	3	1738	0.579	A	2208	0.736	C	3	1261	0.420	A	1201	0.400	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	796	0.312	A	1608	0.631	B	3	1385	0.543	A	1209	0.474	A	3	1042	0.409	A	1464	0.574	A
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	519	0.204	A	1268	0.497	A	3	1909	0.749	C	1001	0.393	A	2	1157	0.681	B	1424	0.838	D
29	Inglewood Avenue	n/o Rosecrans Avenue	850	2	754	0.444	A	591	0.348	A	2	846	0.498	A	1374	0.808	D	2	811	0.477	A	502	0.295	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1699	0.653	B	369	0.142	A	2	497	0.191	A	1325	0.510	A	2	769	0.296	A	537	0.207	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE A WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour							PM Peak Hour						Airport Peak Hour							
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
1	Interstate 405 n/o Venice Blvd. HOV	2,000	5	9018	0.902	D	9491	0.949	E	5	10542	1.054	F(0)	9014	0.901	D	5	11194	1.119	F(0)	10803	1.080	F(0)
		2,000	1	1402	0.701	C	1591	0.796	D	1	1712	0.856	D	1489	0.745	C	1	1738	0.869	D	2285	1.143	F(0)
2	Interstate 405 n/o La Tijera Blvd. HOV	2,000	4	8282	1.035	F(0)	9756	1.220	F(0)	4	9827	1.228	F(0)	9183	1.148	F(0)	4	10103	1.263	F(1)	9174	1.147	F(0)
		2,000	1	1774	0.887	D	1709	0.855	D	1	2119	1.050	F(0)	1684	0.842	D	1	1978	0.969	E	2150	1.075	F(0)
3	Interstate 405 s/o Rosecrans Ave. HOV	2,000	4	8654	1.082	F(0)	7540	0.943	E	4	7820	0.978	E	9366	1.171	F(0)	4	9084	1.136	F(0)	8605	1.076	F(0)
		2,000	1	2025	1.013	F(0)	1147	0.574	C	1	1835	0.918	D	1866	0.933	D	1	2208	1.104	F(0)	1833	0.917	D
4	Interstate 105 s/o Crenshaw Blvd. HOV	2,000	4	6327	0.791	D	7735	0.967	E	4	7079	0.885	D	6918	0.865	D	4	4413	0.552	C	4790	0.599	C
		2,000	1	1276	0.638	C	1934	0.967	E	1	2226	1.113	F(0)	1698	0.849	D	1	1959	0.980	E	2278	1.139	F(0)

Los Angeles International Airport Master Plan  
2005 PHASE 3F ALTERNATIVE A WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMPS

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	728	0.485	B	680	0.453	B	1100	0.733	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	627	0.209	A	810	0.270	A	736	0.245	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	245	0.163	A	702	0.468	B	586	0.391	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	269	0.179	A	256	0.171	A	278	0.185	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1265	0.843	D	870	0.580	C	610	0.407	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	604	0.403	B	741	0.494	B	651	0.434	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	684	0.456	B	745	0.497	B	321	0.214	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	788	0.525	B	835	0.557	C	417	0.278	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	706	0.471	B	672	0.448	B	497	0.331	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	563	0.375	B	753	0.502	B	509	0.339	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	500	0.333	A	585	0.390	B	790	0.527	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1338	0.892	D	876	0.584	C	1113	0.742	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	735	0.490	B	1149	0.766	C	658	0.439	B
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	1123	0.749	C	1094	0.729	C	1529	1.019	F(0)
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	326	0.217	A	454	0.303	A	445	0.297	A
16	405 SB off-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	297	0.198	A	251	0.167	A	106	0.071	A
17	405 SB on-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	427	0.285	A	704	0.469	B	479	0.319	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1390	0.927	D	790	0.527	B	574	0.383	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	448	0.299	A	1030	0.687	C	518	0.345	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	722	0.481	B	472	0.315	A	583	0.389	B
21	405 SB off-ramp at La Cienega Blvd.	1,500	1	402	0.268	A	207	0.138	A	345	0.230	A
22	405 SB on-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	141	0.094	A	200	0.133	A	254	0.169	A
23	405 SB off-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	234	0.156	A	286	0.191	A	393	0.262	A
24	405 SB on-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	80	0.053	A	289	0.199	A	11	0.007	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	566	0.377	B	159	0.106	A	247	0.165	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	285	0.190	A	1412	0.941	E	471	0.314	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	821	0.547	B	661	0.441	B	552	0.368	B
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	268	0.179	A	649	0.433	B	320	0.213	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	377	0.251	A	317	0.211	A	471	0.314	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1397	0.466	B	1792	0.597	C	1374	0.458	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2231	0.496	B	3234	0.719	C	2478	0.551	C
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2105	0.702	C	2069	0.690	C	2418	0.806	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	712	0.475	B	484	0.309	A	625	0.417	B
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	804	0.536	B	913	0.609	C	842	0.561	C
35	105 WB off-ramp Nash St.	1,500	1	1634	1.089	F(0)	292	0.195	A	719	0.479	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	844	0.563	C	883	0.589	C	797	0.531	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	277	0.185	A	348	0.232	A	213	0.142	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	922	0.615	C	1138	0.759	C	580	0.387	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	117	0.078	A	665	0.443	B	546	0.364	B



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.739	C
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.420	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.430	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.676	B
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.844	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.271	F
7	AVIATION BLVD & 111TH ST	10	AM		
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.998	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.003	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.315	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	0.574	A
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.259	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.871	D
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.030	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.958	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.385	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.555	A
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.308	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.269	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.033	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.623	B
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.744	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.881	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.758	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.855	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.306	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.699	B
28	MAIN ST & IMPERIAL HWY	47	AM	0.732	C
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.211	F
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.184	F
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.539	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.769	C
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.759	C
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.484	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.906	E
37	LA CIENEGA BLVD & 111TH ST	67	AM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.353	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.228	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.248	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.677	B
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.916	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.762	C
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.572	A
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.585	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.366	F
47	LINCOLN BLVD & 83RD ST	87	AM	1.043	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	0.844	D
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.562	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.502	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.039	F
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.816	D
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.188	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.546	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.043	F
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.794	C
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.789	C
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.698	B
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.834	D
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.731	C
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.601	B
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.249	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.659	B
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.566	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.444	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.603	B
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.827	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.867	D
7	AVIATION BLVD & 111TH ST	10	PM		
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.230	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.005	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.510	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.682	B
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.477	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.062	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.938	E
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.982	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.563	A
17	CULVER BLVD & JEFFERSON BLVD	28	PM	0.866	D
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.365	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.359	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.117	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.477	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.007	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.794	C
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.759	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.714	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.289	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.804	D
28	MAIN ST & IMPERIAL HWY	47	PM	0.850	D
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.543	A
30	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.651	F
32	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.418	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.614	B
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.887	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.668	B
36	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.054	F
37	LA CIENEGA BLVD & 111TH ST	67	PM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.552	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.206	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.165	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.820	D
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.962	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.860	D
44	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.713	C
45	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.721	C
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.583	F
47	LINCOLN BLVD & 83RD ST	87	PM	1.206	F
48	LINCOLN BLVD & MANCHESTER AV	88	PM	1.308	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	PM	0.562	A
51	PERSHING DR & MANCHESTER AV	98	PM	0.587	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.951	E
53	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.329	F
54	PERSHING DR & WESTCHESTER PKWY	101	PM	0.204	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.674	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.837	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.661	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.827	D
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.625	B
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.681	B
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.668	B
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.607	B
63	LA CIENEGA BLVD & 120TH ST	313	PM	0.408	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.761	C
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.560	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.643	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.811	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.959	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.129	F
7	AVIATION BLVD & 111TH ST	10	AM		
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.431	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.062	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.457	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.093	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.408	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.025	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.793	C
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.719	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.181	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.523	A
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.278	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.445	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.025	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.591	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.468	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.842	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.633	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.786	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.659	B
27	Main St & IMPERIAL HWY	47	AM	0.650	B
28	MAIN ST & IMPERIAL HWY	47	AM	0.607	B
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.430	A
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.849	D
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.387	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.577	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.648	B
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.414	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.813	D
37	LA CIENEGA BLVD & 111TH ST	67	AM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.621	B

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.270	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.423	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.057	F
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.552	A
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.399	A
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.702	C
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.597	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.679	B
47	LINCOLN BLVD & 83RD ST	87	AM	1.385	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	1.004	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.402	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.150	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.822	D
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.451	F
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.287	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.836	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.925	E
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.653	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.599	A
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.575	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.945	E
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.432	A
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.448	A
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.459	A

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE B WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1560	0.729	C	1715	0.801	C	2	1884	0.880	D	1782	0.833	D	2	1475	0.689	B	1543	0.721	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1600	0.880	D	1079	0.593	A	2	1404	0.772	C	1474	0.810	D	2	1181	0.649	B	1351	0.743	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	822	0.452	A	918	0.505	A	2	737	0.405	A	1154	0.634	B	2	815	0.448	A	1148	0.631	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1555	0.855	D	1115	0.613	B	2	1559	0.857	D	1493	0.821	D	2	1587	0.872	D	1558	0.857	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	818	0.899	D	789	0.868	D	1	750	0.825	D	1007	1.107	F	1	750	0.825	D	863	0.849	E
6	Stocker Street	e/o La Brea Avenue	850	2	755	0.444	A	690	0.406	A	2	856	0.504	A	688	0.405	A	2	840	0.494	A	832	0.489	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	1030	0.404	A	1725	0.676	B	3	1562	0.613	B	1206	0.473	A	3	931	0.365	A	868	0.340	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	639	0.376	A	1471	0.865	D	2	1120	0.659	B	1968	1.158	F	2	1168	0.687	B	880	0.518	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3049	0.549	A	2816	0.507	A	3	3380	0.609	B	3077	0.554	A	3	2067	0.372	A	2196	0.396	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1241	0.487	A	856	0.504	A	2*	948	0.558	A	1505	0.590	A	2	776	0.456	A	883	0.519	A
11	Arbor Vitae Street	w/o La Brea Avenue	850	2	518	0.305	A	475	0.279	A	2	675	0.397	A	824	0.465	A	2	919	0.541	A	835	0.374	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1228	0.482	A	1215	0.476	A	3	1575	0.618	B	1120	0.439	A	3	982	0.385	A	943	0.370	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	506	0.298	A	764	0.300	A	3	1299	0.509	A	673	0.264	A	2	765	0.450	A	928	0.546	A
14	Aviation Boulevard	n/o Rossmore Avenue	1300	3	2290	0.587	A	1124	0.288	A	3	1482	0.380	A	2424	0.622	B	3	1484	0.381	A	1159	0.297	A
15	Sepulveda Boulevard	n/o Rossmore Avenue	1300	4	4446	0.855	D	1498	0.288	A	4	2403	0.462	A	4114	0.791	C	4	2532	0.487	A	2604	0.501	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	413	0.227	A	739	0.406	A	2	490	0.269	A	714	0.393	A	2	678	0.373	A	799	0.439	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1132	0.622	B	745	0.410	A	2	1031	0.567	A	758	0.417	A	2	574	0.316	A	902	0.496	A
18	Marina Freeway	e/o Lincoln Boulevard**	2140	2	1086	0.254	A	1037	0.242	A	2	1362	0.318	A	1177	0.275	A	2	1440	0.338	A	1269	0.298	A
19	Culver Boulevard	e/o Lincoln Boulevard	1850	2	1423	0.385	A	413	0.112	A	2	1067	0.288	A	1551	0.419	A	2	1329	0.359	A	1323	0.358	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	1695	0.466	A	994	0.364	A	4*	1578	0.434	A	2175	0.797	C	4*	592	0.163	A	1051	0.385	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3338	0.780	C	1593	0.372	A	4	3596	0.840	D	2785	0.646	B	4	2535	0.592	A	2536	0.593	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1290	0.464	A	741	0.266	A	2	1277	0.459	A	2055	0.739	C	2	966	0.347	A	1141	0.410	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	407	0.146	A	301	0.108	A	2	596	0.214	A	997	0.358	A	2	585	0.210	A	558	0.201	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1241	0.621	B	747	0.374	A	2	1156	0.578	A	1199	0.600	A	2	963	0.482	A	1075	0.538	A
25	Jefferson Boulevard	n/o Rodao Road	850	2	534	0.373	A	1094	0.644	B	2	795	0.468	A	742	0.436	A	2	213	0.125	A	1006	0.592	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2463	0.821	D	979	0.326	A	3	1742	0.581	A	2184	0.728	C	3	1246	0.415	A	1143	0.381	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	796	0.312	A	1538	0.803	A	3	1389	0.545	A	1223	0.480	A	3	1091	0.428	A	1510	0.592	A
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	521	0.204	A	1255	0.492	A	3	1920	0.753	C	988	0.387	A	2	1178	0.693	B	1436	0.845	D
29	Inglewood Avenue	n/o Rossmore Avenue	850	2	731	0.430	A	582	0.342	A	2	830	0.488	A	1373	0.808	D	2	811	0.477	A	499	0.294	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1632	0.628	B	383	0.147	A	2	515	0.198	A	1293	0.497	A	2	762	0.293	A	554	0.213	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE B WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour								
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
1	Interstate 405 s/o Venice Blvd. HOV	2,000	5	8987	0.899	D	9500	0.950	E	5	10487	1.049	F(0)	9021	0.902	D	5	11249	1.125	F(0)	10780	1.078	F(0)
		2,000	1	1397	0.699	C	1577	0.789	D	1	1735	0.868	D	1512	0.756	C	1	1751	0.876	D	2341	1.171	F(0)
2	Interstate 405 s/o La Tijera Blvd. HOV	2,000	4	8259	1.032	F(0)	9753	1.219	F(0)	4	9844	1.231	F(0)	9140	1.143	F(0)	4	10075	1.259	F(0)	9257	1.157	F(0)
		2,000	1	1743	0.872	D	1718	0.859	D	1	2191	1.096	F(0)	1753	0.877	D	1	1991	0.996	E	2182	1.091	F(0)
3	Interstate 405 s/o Rosecrans Ave. HOV	2,000	4	8575	1.072	F(0)	7497	0.937	D	4	7835	0.979	E	9389	1.174	F(0)	4	9085	1.136	F(0)	8640	1.080	F(0)
		2,000	1	2013	1.007	E	1143	0.572	C	1	1862	0.931	D	1868	0.934	D	1	2210	1.105	F(0)	1824	0.912	D
4	Interstate 105 s/o Crenshaw Blvd. HOV	2,000	4	6314	0.789	D	7732	0.967	E	4	7043	0.880	D	6934	0.867	D	4	4441	0.555	C	4801	0.800	C
		2,000	1	1288	0.644	C	1933	0.967	E	1	2218	1.109	F(0)	1747	0.874	D	1	1976	0.988	E	2284	1.132	F(0)

**Los Angeles International Airport Master Plan**  
**2005 PHASE 3F ALTERNATIVE B WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMP**

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	713	0.475	B	701	0.467	B	1107	0.738	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	646	0.215	A	807	0.269	A	695	0.232	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	245	0.163	A	679	0.453	B	580	0.387	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	272	0.181	A	264	0.176	A	271	0.181	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1199	0.799	D	831	0.554	C	608	0.405	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	529	0.353	A	734	0.489	B	577	0.385	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	711	0.474	B	762	0.508	B	372	0.248	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	799	0.533	B	891	0.594	C	406	0.271	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	754	0.503	B	630	0.420	B	466	0.311	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	534	0.356	A	669	0.446	B	626	0.417	B
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	481	0.321	A	596	0.397	B	700	0.467	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1345	0.897	D	893	0.595	C	1141	0.761	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	780	0.520	B	1137	0.758	C	659	0.439	B
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	1210	0.807	D	1053	0.702	C	1522	1.015	F(0)
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	274	0.183	A	348	0.232	A	373	0.249	A
16	405 SB off-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	508	0.339	A	414	0.276	A	417	0.278	A
17	405 SB on-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	455	0.303	A	691	0.461	B	616	0.411	B
18	405 NB off-ramp (s/o Century Blvd.) at Century Blvd.	1,500	1	1350	0.900	D	751	0.501	B	591	0.394	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	718	0.479	B	1377	0.918	D	634	0.423	B
20	405 NB on-ramp at Century Blvd. WB	1,500	1	636	0.424	B	450	0.300	A	557	0.371	B
21	405 SB off-ramp at La Cienega Blvd.	1,500	1	338	0.225	A	140	0.093	A	335	0.223	A
22	405 SB on-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	34	0.023	A	108	0.072	A	140	0.093	A
23	405 SB off-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	214	0.143	A	280	0.187	A	399	0.266	A
24	405 SB on-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	80	0.053	A	299	0.199	A	28	0.019	A
25	405 SB off-ramp (n/o El Segundo Blvd.) El Segundo Blvd.	1,500	1	517	0.345	A	117	0.078	A	262	0.175	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	285	0.190	A	1477	0.985	E	528	0.352	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	830	0.553	C	699	0.466	B	545	0.363	B
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	256	0.171	A	651	0.434	B	324	0.216	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	372	0.248	A	320	0.213	A	479	0.319	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1358	0.453	B	1851	0.617	C	1417	0.472	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2321	0.516	B	3138	0.697	C	2634	0.585	C
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2155	0.718	C	1853	0.618	C	2413	0.804	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	683	0.455	B	360	0.240	A	617	0.411	B
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	776	0.517	B	895	0.597	C	829	0.553	C
35	105 WB off-ramp Nash St.	1,500	1	1607	1.071	F(0)	282	0.188	A	796	0.531	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	842	0.561	C	901	0.601	C	797	0.531	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	273	0.182	A	345	0.230	A	215	0.143	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	933	0.622	C	1129	0.753	C	611	0.407	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	113	0.075	A	674	0.449	B	544	0.363	B



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.761	C
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.560	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.643	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.811	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.969	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.129	F
7	AVIATION BLVD & 111TH ST	10	AM	0.524	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.431	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.062	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.457	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.093	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.408	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.025	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.793	C
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.718	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.181	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.523	A
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.278	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.445	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.025	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.591	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.468	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.842	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.748	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.786	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.659	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.849	D
28	MAIN ST & IMPERIAL HWY	47	AM	0.872	D
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.430	A
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.849	D
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.387	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.577	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.648	B
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.414	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.813	D
37	LA CIENEGA BLVD & 111TH ST	67	AM	0.199	A
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.521	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.270	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.423	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.057	F
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.552	A
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.399	A
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.702	C
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.597	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.679	B
47	LINCOLN BLVD & 83RD ST	87	AM	1.385	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	1.004	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.402	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.150	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.822	D
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.451	F
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.287	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.836	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.925	E
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.653	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.479	A
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.406	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.945	E
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.432	A
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.448	A
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.459	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.675	B
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.598	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.385	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.568	A
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.719	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.952	E
7	AVIATION BLVD & 111TH ST	10	PM	0.616	B
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.012	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.021	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.353	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.721	C
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.474	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.037	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.925	E
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.827	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.565	A
17	CULVER BLVD & JEFFERSON BLVD	28	PM	0.896	D
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.340	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.338	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.108	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.607	B
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.024	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.839	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.747	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.667	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.277	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.799	C
28	MAIN ST & IMPERIAL HWY	47	PM	0.709	C
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.547	A
30	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.645	F
32	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.744	C
33	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.497	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.848	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.653	B
36	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.037	F
37	LA CIENEGA BLVD & 111TH ST	67	PM	0.486	A
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.391	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.215	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.203	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.727	C
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.948	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.853	D
44	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.523	A
45	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.643	B
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.446	F
47	LINCOLN BLVD & 83RD ST	87	PM	1.148	F
48	LINCOLN BLVD & MANCHESTER AV	88	PM	1.199	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	PM	0.545	A
51	PERSHING DR & MANCHESTER AV	98	PM	0.499	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.926	E
53	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.289	F
54	PERSHING DR & WESTCHESTER PKWY	101	PM	0.027	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.671	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.848	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.654	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.753	C
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.485	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.673	B
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.655	B
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.615	B
63	LA CIENEGA BLVD & 120TH ST	313	PM	0.424	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.645	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.542	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.606	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.771	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.702	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.217	F
7	AVIATION BLVD & 111TH ST	10	AM	0.735	C
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.553	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.033	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.109	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.214	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.385	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.006	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.783	C
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.694	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.211	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.576	A
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.294	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.437	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.993	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.707	C
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.450	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.845	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.635	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.729	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.674	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.794	C
28	MAIN ST & IMPERIAL HWY	47	AM	0.766	C
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.433	A
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.803	D
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.546	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.570	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.630	B
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.399	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.767	C
37	LA CIENEGA BLVD & 111TH ST	67	AM	0.635	B
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.495	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.345	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.507	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.031	F
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.561	A
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.382	A
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.691	B
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.495	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.637	B
47	LINCOLN BLVD & 83RD ST	87	AM	1.350	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	0.963	E
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.389	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.153	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.807	D
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.464	F
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.061	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.833	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.882	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.660	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.437	A
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.373	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.990	E
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.427	A
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.440	A
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.359	A

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE C WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

		AM Peak Hour									PM Peak Hour									Airport Peak Hour								
No.	Link Location	Lane Count	No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB							
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS					
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1574	0.736	C	1694	0.792	C	2	1852	0.865	D	1774	0.829	D	2	1465	0.685	B	1537	0.718	C				
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1613	0.867	D	1079	0.593	A	2	1360	0.748	C	1467	0.806	D	2	1190	0.654	B	1339	0.736	C				
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	826	0.454	A	908	0.499	A	2	773	0.425	A	1130	0.621	B	2	804	0.442	A	1154	0.634	B				
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1569	0.863	D	1133	0.623	B	2	1560	0.858	D	1495	0.822	D	2	1580	0.869	D	1566	0.861	D				
5	Overland Avenue	s/o Venice Boulevard**	910	1	811	0.892	D	792	0.871	D	1	740	0.814	D	1015	1.116	F	1	748	0.822	D	857	0.942	E				
6	Stocker Street	s/o La Brea Avenue	850	2	764	0.449	A	661	0.389	A	2	859	0.505	A	689	0.405	A	2	834	0.491	A	835	0.491	A				
7	Slauson Avenue	s/o La Brea Avenue	850	3	1010	0.398	A	1717	0.673	B	3	1579	0.619	B	1190	0.467	A	3	923	0.362	A	861	0.338	A				
8	Centinela Avenue	s/o La Brea Avenue	850	2	631	0.371	A	1461	0.858	D	2	1109	0.652	B	1966	1.156	F	2	1172	0.688	B	874	0.514	A				
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3027	0.545	A	2811	0.506	A	3	3380	0.609	B	3087	0.556	A	3	2082	0.372	A	2192	0.395	A				
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1242	0.487	A	840	0.494	A	2*	951	0.559	A	1521	0.596	A	2	759	0.446	A	880	0.518	A				
11	Arbor Vitas Street	w/o La Brea Avenue	850	2	543	0.319	A	457	0.269	A	2	650	0.382	A	848	0.499	A	2	936	0.551	A	836	0.374	A				
12	Century Boulevard	w/o La Brea Avenue	850	3	1165	0.457	A	1206	0.473	A	3	1549	0.607	B	1111	0.436	A	3	987	0.387	A	872	0.381	A				
13	Imperial Highway	w/o La Brea Avenue	850	2*	482	0.284	A	784	0.307	A	3	1260	0.494	A	661	0.259	A	2	753	0.443	A	964	0.567	A				
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2250	0.577	A	1098	0.282	A	3	1508	0.387	A	2392	0.613	B	3	1458	0.374	A	1131	0.290	A				
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4394	0.845	D	1460	0.281	A	4	2384	0.458	A	4082	0.785	C	4	2531	0.487	A	2573	0.495	A				
16	Pacific Avenue	s/o Venice Boulevard**	910	2	426	0.234	A	748	0.411	A	2	508	0.279	A	724	0.398	A	2	650	0.363	A	785	0.432	A				
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1141	0.627	B	753	0.414	A	2	1031	0.567	A	758	0.417	A	2	581	0.319	A	902	0.496	A				
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1082	0.253	A	1050	0.245	A	2	1392	0.325	A	1177	0.275	A	2	1443	0.337	A	1254	0.293	A				
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	1618	0.437	A	375	0.101	A	2	1067	0.288	A	1608	0.435	A	2	1425	0.385	A	1372	0.371	A				
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	1707	0.469	A	921	0.338	A	4*	1499	0.412	A	2177	0.798	C	4*	540	0.148	A	991	0.363	A				
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3338	0.780	C	1598	0.373	A	4	3497	0.817	D	2714	0.834	B	4	2486	0.581	A	2473	0.578	A				
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1627	0.585	A	702	0.252	A	2	1277	0.459	A	2144	0.771	C	2	1031	0.371	A	1167	0.419	A				
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	421	0.151	A	300	0.108	A	2	537	0.193	A	999	0.359	A	2	607	0.218	A	595	0.214	A				
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1245	0.623	B	756	0.378	A	2	1157	0.579	A	1197	0.599	A	2	957	0.479	A	1089	0.535	A				
25	Jefferson Boulevard	n/o Rodeo Road	850	2	618	0.354	A	1076	0.633	B	2	782	0.460	A	736	0.433	A	2	209	0.123	A	1021	0.601	A				
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2453	0.818	D	959	0.320	A	3	1682	0.561	A	2175	0.725	C	3	1291	0.430	A	1153	0.384	A				
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	753	0.295	A	1492	0.585	A	3	1354	0.531	A	1163	0.456	A	3	1071	0.420	A	1456	0.571	A				
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	530	0.208	A	1264	0.496	A	3	1882	0.738	C	999	0.392	A	2	1178	0.693	B	1435	0.844	D				
29	Inglewood Avenue	n/o Rosecrans Avenue	850	2	738	0.435	A	576	0.339	A	2	838	0.493	A	1379	0.811	D	2	806	0.474	A	503	0.296	A				
30	Vista Del Mar	s/o Grand Avenue	1300	2	1924	0.740	C	528	0.203	A	2	600	0.231	A	1441	0.554	A	2	794	0.305	A	619	0.238	A				

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE C WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2005 PHASE 3F ALTERNATIVE C WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS																								
No.	Link Location	Lane Count	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS	
1	Interstate 405	n/a Venice Blvd. HOV	2,000	5	8985	0.899	D	9481	0.948	E	5	10484	1.048	F(0)	9049	0.905	D	5	11267	1.127	F(0)	10821	1.082	F(0)
			2,000	1	1388	0.694	C	1568	0.784	D	1	1748	0.874	D	1500	0.750	C	1	1724	0.862	D	2304	1.152	F(0)
2	Interstate 405	n/a La Tijera Blvd. HOV	2,000	4	8154	1.019	F(0)	9680	1.210	F(0)	4	9818	1.227	F(0)	9123	1.140	F(0)	4	10124	1.266	F(1)	9174	1.147	F(0)
			2,000	1	1740	0.870	D	1701	0.851	D	1	2147	1.074	F(0)	1711	0.856	D	1	2011	1.006	E	2185	1.093	F(0)
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	4	8632	1.079	F(0)	7480	0.935	D	4	7893	0.987	E	8353	1.169	F(0)	4	9091	1.136	F(0)	8621	1.078	F(0)
			2,000	1	2041	1.021	F(0)	1156	0.578	C	1	1787	0.894	D	1861	0.931	D	1	2214	1.107	F(0)	1838	0.919	D
4	Interstate 105	e/a Crenshaw Blvd. HOV	2,000	4	6286	0.783	D	7759	0.970	E	4	7040	0.880	D	6990	0.874	D	4	4420	0.553	C	4803	0.600	C
			2,000	1	1261	0.631	C	1939	0.970	E	1	2213	1.107	F(0)	1684	0.842	D	1	1972	0.986	E	2245	1.123	F(0)

Los Angeles International Airport Master Plan  
2005 PHASE 3F ALTERNATIVE C WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMPS

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	702	0.468	B	674	0.449	B	1120	0.747	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	606	0.202	A	800	0.267	A	739	0.246	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	243	0.162	A	693	0.462	B	590	0.393	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	266	0.177	A	265	0.177	A	278	0.185	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1171	0.781	D	845	0.563	C	575	0.383	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	530	0.353	A	744	0.496	B	545	0.363	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	698	0.465	B	749	0.499	B	352	0.235	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	786	0.524	B	864	0.576	C	406	0.271	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	743	0.495	B	627	0.418	B	485	0.323	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	567	0.378	B	755	0.503	B	526	0.351	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	465	0.310	A	564	0.376	B	728	0.485	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1334	0.889	D	919	0.613	C	1118	0.745	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	769	0.513	B	1113	0.742	C	624	0.416	B
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	1174	0.783	D	1101	0.734	C	1571	1.047	F(0)
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	332	0.221	A	382	0.255	A	459	0.306	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	370	0.247	A	292	0.195	A	348	0.232	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	361	0.241	A	664	0.443	B	463	0.309	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1406	0.937	D	780	0.520	B	601	0.401	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	651	0.434	B	1259	0.839	D	551	0.367	B
20	405 NB on-ramp at Century Blvd. WB	1,500	1	652	0.435	B	443	0.295	A	553	0.369	B
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	363	0.242	A	180	0.120	A	327	0.218	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	159	0.106	A	179	0.119	A	255	0.170	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	211	0.141	A	278	0.185	A	398	0.265	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	8	0.005	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	500	0.333	A	119	0.079	A	244	0.163	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	282	0.188	A	1437	0.958	E	514	0.343	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	772	0.515	B	582	0.388	B	554	0.369	B
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	267	0.178	A	674	0.449	B	322	0.215	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	370	0.247	A	319	0.213	A	481	0.321	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1236	0.412	B	1833	0.611	C	1221	0.407	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2182	0.485	B	3128	0.695	C	2835	0.630	C
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2203	0.734	C	1977	0.659	C	2345	0.782	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	827	0.418	B	348	0.232	A	572	0.381	B
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	775	0.517	B	895	0.597	C	815	0.543	B
35	105 WB off-ramp Nash St.	1,500	1	1553	1.035	F(0)	274	0.183	A	675	0.450	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	842	0.561	C	904	0.603	C	796	0.531	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	276	0.184	A	351	0.234	A	216	0.144	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	913	0.609	C	1122	0.748	C	636	0.424	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	111	0.074	A	668	0.445	B	528	0.352	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.815	D
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.533	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.579	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.784	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.814	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.973	E
7	AVIATION BLVD & 111TH ST	10	AM	0.417	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.921	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.083	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.996	E
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.135	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.323	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.146	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.415	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.745	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.765	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.873	D
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.639	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.386	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.112	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.916	E
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.789	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.213	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.756	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.717	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.263	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.784	C
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.293	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.141	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.826	D
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.120	F
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.607	B
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.853	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.523	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.410	F
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.206	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.363	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.274	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.370	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.678	B
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.825	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.733	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.510	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.640	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.864	D
46	LINCOLN BLVD & 83RD ST	87	AM	1.152	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.806	D
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.643	B
49	LINCOLN BLVD & TEALE ST	94	AM	0.628	B
50	PERSHING DR & MANCHESTER AV	98	AM	0.479	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.017	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.803	D
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.329	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.677	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.241	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.766	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.829	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.574	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.719	C
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.638	B
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.308	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	1.077	F
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.634	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.590	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.855	D
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.185	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.931	E
7	AVIATION BLVD & 111TH ST	10	PM	0.487	A
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.061	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.085	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.310	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	1.025	F
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.659	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.360	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.277	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.825	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.873	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.447	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.463	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.672	B
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.273	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.519	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.076	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.968	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.959	E
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.742	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.297	A
27	MAIN ST & IMPERIAL HWY	47	PM	1.091	F
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.600	B
29	PERSHING DR & IMPERIAL HWY	49	PM	1.120	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.070	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.793	C
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.532	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.913	E
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.708	C
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.194	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.293	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.446	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.246	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.498	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.770	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.936	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.912	E
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.577	A
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.761	C
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	0.924	E
46	LINCOLN BLVD & 83RD ST	87	PM	1.502	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	1.571	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.666	B
49	LINCOLN BLVD & TEALE ST	94	PM	0.644	B
50	PERSHING DR & MANCHESTER AV	98	PM	0.612	B
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.079	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.094	F
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.303	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.696	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	1.023	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.670	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	1.020	F
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.519	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.603	B
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.658	B
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.413	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.341	F
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.764	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.761	C
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.945	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.006	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.981	E
7	AVIATION BLVD & 111TH ST	10	AM	0.851	D
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.844	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.041	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.252	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.481	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.588	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.088	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.041	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.603	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.705	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.757	C
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.451	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.590	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.975	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.584	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.580	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.909	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.732	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.754	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.631	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.576	A
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.456	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.706	C
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.900	E
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.040	F
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.566	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.723	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.475	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.845	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.643	B
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.547	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.382	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.854	D
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.171	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.606	B
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.418	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.431	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.699	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.483	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.521	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.938	E
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.532	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.460	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.366	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.902	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.225	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.139	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.882	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.983	E
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.713	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.609	B
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.721	C
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.410	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.460	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.479	A

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.		Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour								
				No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/AB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/AB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/AB V/C	LOS
1	Lincoln Boulevard	s/o Venice Boulevard	1000	2	1604	0.802	C	1959	0.980	E	2	2071	1.036	F	1970	0.985	E	2	1613	0.807	D	1718	0.859	D
2	Centinela Avenue	s/o Venice Boulevard	850	2	1684	0.991	E	1213	0.714	C	2	1533	0.902	D	1657	0.975	E	2	1355	0.798	C	1591	0.936	E
3	Sawtelle Boulevard	s/o Venice Boulevard	850	2	1057	0.622	B	1089	0.641	B	2	885	0.521	A	1401	0.824	D	2	1155	0.679	B	1287	0.757	C
4	Sepulveda Boulevard	s/o Venice Boulevard	850	2	1604	0.944	E	1323	0.778	C	2	1978	1.164	F	1723	1.014	F	2	1473	0.866	D	1790	1.053	F
5	Overland Avenue	s/o Venice Boulevard	850	1	828	0.974	E	881	1.036	F	1	621	0.966	E	1070	1.259	F	1	791	0.931	E	930	1.094	F
6	Stocker Street	s/o La Brea Avenue	850	2	845	0.497	A	893	0.525	A	2	1101	0.648	B	832	0.489	A	2	972	0.572	A	988	0.581	A
7	Slauson Avenue	s/o La Brea Avenue	850	3	1093	0.429	A	1816	0.712	C	3	1860	0.651	B	1227	0.481	A	3	1004	0.394	A	959	0.376	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	755	0.445	A	1639	0.964	E	2	1244	0.732	C	2060	1.212	F	2	1333	0.784	C	1065	0.626	B
9	La Cienega Boulevard	w/o Slauson Avenue	1850	3	2971	0.535	A	3058	0.551	A	3	3635	0.655	B	3274	0.590	A	3	2181	0.393	A	2318	0.418	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1383	0.542	A	935	0.550	A	2*	1129	0.664	B	1567	0.815	B	2	796	0.468	A	882	0.525	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	701	0.412	A	483	0.284	A	2	725	0.426	A	823	0.484	A	2	1090	0.641	B	639	0.376	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1137	0.446	A	1313	0.515	A	3	1632	0.640	B	1218	0.478	A	3	1333	0.523	A	1159	0.455	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	524	0.308	A	952	0.373	A	3	1507	0.591	A	919	0.360	A	2	804	0.473	A	1124	0.661	B
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2662	0.683	B	928	0.238	A	3	1780	0.456	A	2991	0.767	C	3	1600	0.410	A	1204	0.309	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4906	0.943	E	1413	0.272	A	4	2472	0.475	A	4575	0.880	D	4	2677	0.515	A	2859	0.550	A
16	Pacific Avenue	s/o Venice Boulevard	850	2	583	0.343	A	1073	0.631	B	2	631	0.371	A	966	0.588	A	2	816	0.480	A	984	0.579	A
17	Washington Boulevard	s/o Lincoln Boulevard	850	2	1201	0.706	C	778	0.458	A	2	1087	0.639	B	855	0.503	A	2	613	0.381	A	882	0.519	A
18	Marina Freeway	s/o Lincoln Boulevard	2000	2	1123	0.281	A	1168	0.292	A	2	1305	0.327	A	1254	0.314	A	2	1496	0.374	A	1356	0.339	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2399	0.648	B	144	0.039	A	2	1053	0.285	A	1338	0.362	A	2	1287	0.351	A	1542	0.417	A
20	Jefferson Avenue	s/o Lincoln Boulevard	850	4*	2846	0.837	D	853	0.335	A	4*	1719	0.506	A	2517	0.987	E	4*	977	0.287	A	821	0.322	A
21	Lincoln Boulevard	w/o Jefferson Avenue	1000	4	3649	0.912	E	1731	0.433	A	4	3914	0.979	E	2939	0.735	C	4	2633	0.658	B	2738	0.684	B
22	Culver Boulevard	w/o Jefferson Avenue	1300	2	2041	0.785	C	819	0.315	A	2	1452	0.558	A	2470	0.950	E	2	1171	0.450	A	1302	0.501	A
23	Vista Del Mar	s/o Culver Boulevard	1300	2	1140	0.438	A	508	0.195	A	2	715	0.275	A	1268	0.488	A	2	919	0.353	A	758	0.292	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1361	0.681	B	932	0.466	A	2	1327	0.664	B	1260	0.630	B	2	1051	0.526	A	1186	0.583	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	680	0.400	A	1446	0.851	D	2	988	0.569	A	884	0.520	A	2	278	0.164	A	1202	0.707	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2720	0.907	E	1146	0.382	A	3	2212	0.737	C	2509	0.836	D	3	1619	0.540	A	1563	0.521	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	1093	0.429	A	2420	0.949	E	3	2232	0.875	D	1781	0.698	B	3	1394	0.547	A	2077	0.815	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	483	0.189	A	1324	0.519	A	3	2028	0.795	C	1010	0.396	A	2	1201	0.706	C	1523	0.896	D
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	839	0.494	A	637	0.375	A	2	870	0.512	A	1416	0.833	D	2	873	0.514	A	561	0.330	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2224	0.855	D	402	0.155	A	2	588	0.218	A	1520	0.585	A	2	832	0.320	A	584	0.225	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2015 PHASE OF PROJECT																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	8433	0.843	D	8337	0.834	D	5	9895	0.890	E	7771	0.777	C	5	10522	1.052	F(0)	9836	0.984	E
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	1	735	0.358	B	1570	0.785	D	1	1522	0.751	C	1339	0.670	C	1	1166	0.583	C	2080	1.040	F(0)
			2,000	4	8041	1.005	E	9377	1.172	F(0)	4	9722	1.215	F(0)	9074	1.134	F(0)	4	10209	1.276	F(1)	8911	1.114	F(0)
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	1	909	0.455	B	1369	0.685	C	1	1475	0.738	C	1181	0.591	C	1	1241	0.621	C	1764	0.882	D
			2,000	4	8936	1.117	F(0)	7453	0.932	D	4	8491	1.061	F(0)	9807	1.226	F(0)	4	9728	1.216	F(0)	9209	1.151	F(0)
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	1	1107	0.554	C	754	0.377	B	1	956	0.478	B	1083	0.542	B	1	1124	0.562	C	1270	0.635	C
			2,000	4	6480	0.811	D	8213	1.027	F(0)	4	7668	0.959	E	7764	0.971	E	4	4725	0.591	C	5120	0.640	C
			2,000	1	691	0.346	A	1012	0.506	B	1	1057	0.529	B	635	0.418	B	1	942	0.471	B	1131	0.566	C



Los Angeles International Airport Master Plan

**2015 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY RAMPS**

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	706	0.471	B	756	0.504	B	1272	0.848	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	627	0.209	A	764	0.255	A	792	0.254	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	459	0.306	A	1023	0.682	C	706	0.471	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	286	0.191	A	321	0.214	A	374	0.249	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	859	0.573	C	711	0.474	B	505	0.337	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	494	0.329	A	700	0.467	B	604	0.403	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	653	0.435	B	802	0.535	B	363	0.242	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	641	0.427	B	780	0.520	B	411	0.274	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	643	0.429	B	628	0.419	B	456	0.304	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	478	0.319	A	519	0.346	A	311	0.207	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	447	0.298	A	494	0.329	A	646	0.431	B
12	405 NB on-ramp at Manchester Blvd.	1,500	1	1126	0.751	C	657	0.438	B	951	0.634	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	869	0.579	C	1207	0.805	D	918	0.612	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	755	0.503	B	627	0.418	B	994	0.663	C
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	274	0.183	A	363	0.242	A	469	0.313	A
16	405 SB off-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	353	0.235	A	396	0.264	A	225	0.150	A
17	405 SB on-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	547	0.365	B	713	0.475	B	453	0.302	A
18	405 NB off-ramp (s/o Century Blvd.) at Century Blvd.	1,500	1	1111	0.741	C	718	0.479	B	473	0.315	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	394	0.263	A	843	0.562	C	217	0.145	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	638	0.425	B	421	0.281	A	451	0.301	A
21	405 SB off-ramp at La Cienega Blvd.	1,500	1	356	0.237	A	151	0.101	A	232	0.155	A
22	405 SB on-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	108	0.072	A	152	0.101	A	262	0.175	A
23	405 SB off-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	180	0.120	A	245	0.163	A	360	0.240	A
24	405 SB on-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	80	0.053	A	299	0.199	A	0	0.000	A
25	405 SB off-ramp (n/o El Segundo Blvd.) at El Segundo Blvd.	1,500	1	491	0.327	A	228	0.152	A	173	0.115	A
26	405 SB on-ramp at El Segundo Blvd.	1,500	1	313	0.209	A	1497	0.998	E	426	0.284	A
27	405 NB off-ramp at El Segundo Blvd.	1,500	1	833	0.555	C	618	0.412	B	477	0.318	A
28	405 NB on-ramp at El Segundo Blvd. EB	1,500	1	236	0.157	A	641	0.427	B	321	0.214	A
29	405 NB on-ramp at El Segundo Blvd. WB	1,500	1	389	0.259	A	328	0.219	A	473	0.315	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1216	0.405	B	2353	0.784	D	1541	0.514	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1058	0.235	A	1867	0.415	B	1362	0.303	A
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2831	0.944	E	2053	0.684	C	2368	0.789	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	794	0.529	B	505	0.337	A	817	0.545	B
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	792	0.528	B	932	0.621	C	868	0.579	C
35	105 WB off-ramp Nash St.	1,500	1	1712	1.141	F(0)	327	0.218	A	729	0.486	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	874	0.583	C	816	0.544	B	847	0.565	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	293	0.195	A	266	0.177	A	170	0.113	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	898	0.599	C	1190	0.793	D	552	0.368	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	128	0.085	A	703	0.469	B	483	0.322	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.932	E
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.679	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.638	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	1.006	F
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.168	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.243	F
7	AVIATION BLVD & 111TH ST	10	AM	0.536	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.173	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.194	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.069	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.451	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.465	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.270	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.536	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.926	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.847	D
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.917	E
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.645	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.674	B
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.223	F
21	VISTA DEL MAR & GRAND AV	36	AM	1.130	F
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.921	E
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.270	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.743	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.695	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.376	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.952	E
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.195	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.629	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.938	E
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.294	F
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	1.083	F
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.896	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.603	B
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.554	F
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.603	B
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.405	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.256	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.538	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.793	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.890	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.811	D
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.661	B
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.775	C
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.988	E
46	LINCOLN BLVD & 83RD ST	87	AM	1.126	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	1.021	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.684	B
49	LINCOLN BLVD & TEALE ST	94	AM	0.614	B
50	PERSHING DR & MANCHESTER AV	98	AM	0.534	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.109	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.891	D
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.440	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.870	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.401	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.793	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.863	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.607	B
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.824	D
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.779	C
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.460	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	1.177	F
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.779	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.718	C
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.969	E
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.311	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.013	F
7	AVIATION BLVD & 111TH ST	10	PM	0.670	B
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.157	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.173	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.070	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	1.147	F
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.748	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.450	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.356	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.931	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.886	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.444	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.512	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.992	E
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.338	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.574	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.198	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	1.000	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	1.055	F
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.814	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.340	A
27	MAIN ST & IMPERIAL HWY	47	PM	1.281	F
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.790	C
29	PERSHING DR & IMPERIAL HWY	49	PM	1.349	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.252	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.918	E
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.568	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.983	E
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.786	C
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.362	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.406	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.557	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.222	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.703	C
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.855	D
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.950	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.979	E
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.703	C
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.939	E
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.051	F
46	LINCOLN BLVD & 83RD ST	87	PM	1.929	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	2.164	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.677	B
49	LINCOLN BLVD & TEALE ST	94	PM	0.790	C
50	PERSHING DR & MANCHESTER AV	98	PM	0.815	D
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.154	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.129	F
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.446	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.760	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	1.117	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.724	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	1.022	F
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.581	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.701	C
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.768	C
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.471	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.323	F
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.742	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.785	C
4	AIRPORT BLVD & MANCHESTER AV	6	AM	1.001	F
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.065	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.009	F
7	AVIATION BLVD & 111TH ST	10	AM	0.905	E
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.899	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.148	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.297	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.529	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.680	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.215	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.079	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.632	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.819	D
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.849	D
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.477	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.785	C
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.033	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.639	B
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.633	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.929	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.766	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.835	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.681	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.700	C
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.428	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.885	D
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.201	F
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.083	F
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.605	B
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.725	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.556	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.940	E
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.759	C
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.599	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.410	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.965	E
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.257	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.644	B
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.449	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.575	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.733	C
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.586	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.587	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	1.054	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.545	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.536	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.350	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.962	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.191	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.169	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.916	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.201	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.750	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.637	B
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.685	B
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.406	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.505	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.467	A



Los Angeles International Airport Master Plan

2015 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

		AM Peak Hour									PM Peak Hour						AP Peak Hour							
No.	Link Location	Lane Cap	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1,070	2	1606	0.750	C	1960	0.916	E	2	2095	0.979	E	1887	0.919	E	2	1633	0.763	C	1727	0.807	D
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1708	0.939	E	1211	0.666	B	2	1545	0.849	D	1660	0.913	E	2	1372	0.754	C	1597	0.878	D
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	1151	0.633	B	1100	0.605	A	2	939	0.516	A	1395	0.767	C	2	1143	0.628	B	1281	0.704	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1586	0.877	D	1346	0.740	C	2	1982	1.090	F	1717	0.944	E	2	1522	0.837	D	1800	0.990	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	819	0.900	D	917	1.008	F	1	827	0.909	E	1057	1.162	F	1	792	0.871	D	957	1.052	F
6	Stocker Street	s/o La Brea Avenue	850	2	856	0.504	A	932	0.548	A	2	1138	0.669	B	847	0.498	A	2	987	0.581	A	997	0.586	A
7	Slauson Avenue	s/o La Brea Avenue	850	3	1162	0.456	A	1882	0.738	C	3	1778	0.697	B	1273	0.499	A	3	993	0.388	A	964	0.378	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	867	0.510	A	1743	1.025	F	2	1307	0.769	C	2124	1.249	F	2	1339	0.788	C	1066	0.627	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3045	0.549	A	3363	0.606	B	3	3758	0.677	B	3331	0.600	A	3	2205	0.397	A	2367	0.426	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1394	0.547	A	1039	0.611	B	2*	1191	0.701	B	1579	0.619	B	2	806	0.474	A	908	0.534	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	788	0.464	A	566	0.333	A	2	786	0.462	A	884	0.520	A	2	1107	0.651	B	666	0.392	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1235	0.484	A	1480	0.580	A	3	1769	0.694	B	1371	0.538	A	3	1373	0.538	A	1218	0.478	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	450	0.265	A	1184	0.464	A	3	1735	0.680	B	953	0.378	A	2	826	0.486	A	1203	0.708	C
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2889	0.741	C	895	0.229	A	3	1796	0.461	A	3169	0.813	D	3	1695	0.435	A	1342	0.344	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	5346	1.028	F	1421	0.273	A	4	2468	0.475	A	4689	0.902	D	4	2790	0.537	A	2809	0.540	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	580	0.319	A	1052	0.578	A	2	655	0.360	A	952	0.523	A	2	838	0.461	A	1025	0.563	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1240	0.682	B	785	0.432	A	2	1126	0.619	B	874	0.480	A	2	807	0.334	A	891	0.490	A
18	Marina Freeway	s/o Lincoln Boulevard**	2,140	2	1207	0.282	A	1269	0.298	A	2	1391	0.325	A	1320	0.308	A	2	1496	0.350	A	1365	0.319	A
19	Culver Boulevard	s/o Lincoln Boulevard**	1850	2	2314	0.625	B	112	0.030	A	2	1110	0.300	A	1429	0.386	A	2	1336	0.361	A	1634	0.442	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	3032	0.833	D	1412	0.518	A	4*	2203	0.806	B	2769	1.015	F	4*	1043	0.287	A	908	0.333	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1,070	4	3070	0.717	C	1708	0.398	A	4	4230	0.988	E	2878	0.672	B	4	2664	0.522	B	2816	0.658	B
22	Culver Boulevard	w/o Jefferson Avenue**	1,391	2	1958	0.704	B	950	0.345	A	2	1660	0.587	A	2434	0.875	D	2	1189	0.427	A	1348	0.485	A
23	Vista Del Mar	s/o Culver Boulevard**	1,391	2	1098	0.395	A	542	0.195	A	2	794	0.285	A	1308	0.470	A	2	944	0.339	A	804	0.289	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1374	0.587	B	1052	0.526	A	2	1375	0.688	B	1247	0.624	B	2	1058	0.529	A	1194	0.597	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	891	0.406	A	1480	0.871	D	2	980	0.576	A	893	0.525	A	2	288	0.169	A	1228	0.722	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2763	0.921	E	1300	0.433	A	3	2427	0.809	D	2505	0.835	D	3	1662	0.554	A	1562	0.521	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	1399	0.549	A	2618	1.027	F	3	2282	0.895	D	2029	0.796	C	3	1497	0.587	A	2132	0.836	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	461	0.181	A	1496	0.587	A	3	2228	0.873	D	1063	0.417	A	2	1185	0.703	B	1574	0.926	E
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	946	0.556	A	672	0.395	A	2	942	0.554	A	1479	0.870	D	2	942	0.554	A	599	0.352	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2348	0.903	D	417	0.160	A	2	569	0.219	A	1589	0.611	B	2	840	0.323	A	592	0.228	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2015 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2015 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR PEAK HOURS																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	8554	0.855	D	8448	0.845	D	5	8991	0.999	E	7748	0.775	C	5	10494	1.049	F(0)	9796	0.980	E
			2,000	1	773	0.387	B	1807	0.804	D	1	1784	0.892	D	1574	0.787	D	1	1838	0.819	D	2545	1.273	F(1)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	8264	1.033	F(0)	10154	1.269	F(1)	4	10025	1.253	F(0)	9210	1.151	F(0)	4	10045	1.256	F(0)	8893	1.112	F(0)
			2,000	1	919	0.460	B	1512	0.756	C	1	1848	0.924	D	1523	0.762	C	1	1834	0.917	D	2258	1.129	F(0)
3	Interstate 405	n/o Rosecrans Ave. HOV	2,000	4	9173	1.147	F(0)	7484	0.936	D	4	8502	1.063	F(0)	10066	1.258	F(0)	4	9791	1.224	F(0)	9269	1.159	F(0)
			2,000	1	1165	0.583	C	835	0.418	B	1	1260	0.630	C	1492	0.746	C	1	1629	0.815	D	1622	0.811	D
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	4	6548	0.819	D	8568	1.071	F(0)	4	7769	0.971	E	7815	0.977	E	4	4695	0.587	C	5149	0.644	C
			2,000	1	715	0.358	A	1133	0.567	C	1	1548	0.774	C	1107	0.554	C	1	1402	0.701	C	1620	0.810	D

Los Angeles International Airport Master Plan													
2015 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY RAMPS													
No.	Freeway Ramps		Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
					Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp	at Sepulveda Blvd.	1,500	1	787	0.525	B	888	0.592	C	1310	0.873	D
2	405 SB off-ramp	at Howard Hughes Pkwy.	1,500	2	889	0.296	A	831	0.277	A	842	0.281	A
3	405 SB on-ramp	at Howard Hughes Pkwy.	1,500	1	869	0.579	C	1068	0.712	C	741	0.494	B
4	405 NB off-ramp	at Howard Hughes Pkwy.	1,500	1	312	0.208	A	341	0.227	A	385	0.257	A
5	405 NB on-ramp	at Howard Hughes Pkwy.	1,500	1	947	0.631	C	779	0.519	B	543	0.362	B
6	405 SB off-ramp	at La Tijera Blvd.	1,500	1	627	0.418	B	712	0.475	B	644	0.429	B
7	405 SB on-ramp	at La Tijera Blvd.	1,500	1	683	0.455	B	904	0.603	C	416	0.277	A
8	405 NB off-ramp	at La Tijera Blvd.	1,500	1	684	0.456	B	799	0.533	B	447	0.298	A
9	405 NB on-ramp	at La Tijera Blvd.	1,500	1	698	0.465	B	643	0.429	B	486	0.324	A
10	405 NB on-ramp	at Manchester Blvd. East	1,500	1	396	0.264	A	535	0.357	A	344	0.229	A
11	405 NB on-ramp	at Manchester Blvd. West	1,500	1	471	0.314	A	517	0.345	A	651	0.434	B
12	405 NB off-ramp	at Manchester Blvd.	1,500	1	1122	0.748	C	741	0.494	B	983	0.655	C
13	405 SB on-ramp	at Manchester Blvd.	1,500	1	860	0.573	C	1203	0.802	D	894	0.596	C
14	405 SB off-ramp	at La Cienega Blvd.	1,500	1	920	0.613	C	716	0.477	B	950	0.633	C
15	405 SB on-ramp	(n/o Century Blvd.) at La Cienega Blvd.	1,500	1	338	0.225	A	435	0.290	A	412	0.275	A
16	405 SB off-ramp	(s/o Century Blvd.) at La Cienega Blvd.	1,500	1	485	0.323	A	519	0.346	A	297	0.198	A
17	405 SB on-ramp	(s/o Century Blvd.) at La Cienega Blvd.	1,500	1	518	0.345	A	826	0.551	C	519	0.346	A
18	405 NB off-ramp	at Century Blvd.	1,500	1	1232	0.821	D	781	0.521	B	537	0.358	A
19	405 NB on-ramp	at Century Blvd. EB	1,500	1	439	0.293	A	1010	0.673	C	248	0.165	A
20	405 NB on-ramp	at Century Blvd. WB	1,500	1	615	0.410	B	423	0.282	A	445	0.297	A
21	405 SB off-ramp	at La Cienega Blvd.	1,500	1	431	0.287	A	161	0.107	A	278	0.185	A
22	405 SB on-ramp	(n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	161	0.107	A	186	0.124	A	306	0.204	A
23	405 SB off-ramp	(n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	214	0.143	A	268	0.179	A	384	0.256	A
24	405 SB on-ramp	(n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	80	0.053	A	299	0.199	A	2	0.001	A
25	405 SB off-ramp	El Segundo Blvd.	1,500	1	584	0.389	B	273	0.182	A	207	0.138	A
26	405 SB on-ramp	El Segundo Blvd.	1,500	1	416	0.277	A	1623	1.082	F(0)	453	0.302	A
27	405 NB off-ramp	El Segundo Blvd.	1,500	1	1044	0.696	C	710	0.473	B	518	0.345	A
28	405 NB on-ramp	El Segundo Blvd. EB	1,500	1	228	0.152	A	706	0.471	B	330	0.220	A
29	405 NB on-ramp	El Segundo Blvd. WB	1,500	1	390	0.260	A	332	0.221	A	469	0.313	A
30	105 EB on-ramp	Sepulveda Blvd. SB	1,500	2	1545	0.515	B	2702	0.901	D	1690	0.563	C
31	105 EB on-ramp	Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1147	0.255	A	1993	0.443	B	1427	0.317	A
32	105 WB off-ramp	Sepulveda Blvd. NB	1,500	2	3334	1.111	F(0)	2475	0.825	D	2688	0.896	D
33	105 WB off-ramp	Sepulveda Blvd. SB	1,500	1	855	0.570	C	530	0.353	A	861	0.574	C
34	105 EB on-ramp	Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	913	0.609	C	994	0.663	C	1007	0.671	C
35	105 WB off-ramp	Nash St.	1,500	1	1851	1.234	F(0)	341	0.227	A	907	0.605	C
36	105 EB on-ramp	Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	892	0.595	C	816	0.544	B	823	0.549	B
37	105 EB on-ramp	Hawthorne Blvd. SB	1,500	1	290	0.193	A	266	0.177	A	187	0.125	A
38	105 WB off-ramp	Hawthorne Blvd.	1,500	1	933	0.622	C	1215	0.810	D	596	0.397	B
39	105 EB On-ramp	Atwood Wy (Bet Nash/Douglas)	1,500	1	257	0.171	A	864	0.576	C	568	0.379	B

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.611	B
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.774	C
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.884	D
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.457	A
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.745	C
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.910	E
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.814	D
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.411	F
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.023	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.111	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	0.766	C
13	AVIATION BLVD & MANCHESTER AV	14	AM	0.738	C
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.339	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.178	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.448	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.807	D
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.000	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.592	A
20	VISTA DEL MAR & CULVER BLVD	33	AM	0.307	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.373	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.111	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.676	B
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.822	D
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.952	E
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.844	D
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.575	A
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.287	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.000	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.258	F
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.030	F
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.916	E
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.752	C
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.853	D
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.561	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.488	F
38	LA CIENEGA BLVD & 111TH ST	67	AM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.326	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.333	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.502	A
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.726	C
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	1.004	F
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.777	C
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.952	E
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.620	B
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.317	F
48	LINCOLN BLVD & 83RD ST	87	AM	1.224	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	1.007	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.835	D
52	PERSHING DR & MANCHESTER AV	98	AM	0.405	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.100	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.936	E
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.639	B
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.632	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.132	F
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.858	D
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.738	C
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.822	D
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.768	C
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.764	C
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.661	B
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.376	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.947	E
2	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.651	B
3	AIRPORT BLVD & CENTURY BLVD	4	PM	0.626	B
4	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.571	A
5	AIRPORT BLVD & MANCHESTER AV	6	PM	0.783	C
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.216	F
7	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.940	E
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.415	F
9	AVIATION BLVD & 111TH ST	10	PM		
10	AVIATION BLVD & CENTURY BLVD	11	PM	1.084	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.086	F
12	AVIATION BLVD & IMPERIAL HWY	13	PM	1.155	F
13	AVIATION BLVD & MANCHESTER AV	14	PM	0.853	D
14	AVIATION BLVD & ROSECRANS AV	15	PM	1.712	F
15	CENTINELA AV & JEFFERSON BLVD	18	PM	1.367	F
16	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.299	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.890	D
18	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.000	A
19	CULVER BLVD & JEFFERSON BLVD	28	PM	1.355	F
20	VISTA DEL MAR & CULVER BLVD	33	PM	0.464	A
21	DOUGLAS ST & IMPERIAL HWY	34	PM	0.588	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.236	F
23	VISTA DEL MAR & GRAND AV	36	PM	0.609	B
24	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.106	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.894	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.905	E
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.726	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.312	A
29	MAIN ST & IMPERIAL HWY	47	PM	0.000	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.654	B
31	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.537	F
33	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.941	E
34	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.614	B
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.890	D
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.753	C
37	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.270	F
38	LA CIENEGA BLVD & 111TH ST	67	PM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.323	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.263	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.651	B
42	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.762	C
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.835	D
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.908	E
45	LINCOLN BLVD & LA TIJERA BLVD	81	PM	1.279	F
46	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.766	C
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.775	F
48	LINCOLN BLVD & 83RD ST	87	PM	1.579	F
49	LINCOLN BLVD & MANCHESTER AV	88	PM	1.710	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	PM	0.720	C
52	PERSHING DR & MANCHESTER AV	98	PM	0.754	C
53	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.033	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.471	F
55	PERSHING DR & WESTCHESTER PKWY	101	PM	0.874	D
56	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.719	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.981	E
58	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.637	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY		PM	0.788	C
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.843	D
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.593	A
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.643	B
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.735	C
64	LA CIENEGA BLVD & 120TH ST	313	PM	0.447	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.126	F
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.861	D
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.719	C
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.689	B
5	AIRPORT BLVD & MANCHESTER AV	6	AM	1.043	F
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.129	F
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.021	F
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.150	F
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.332	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.188	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	1.122	F
13	AVIATION BLVD & MANCHESTER AV	14	AM	1.209	F
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.691	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.194	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.020	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.673	B
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.000	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.825	D
20	CULVER BLVD & VISTA DEL MAR	33	AM	0.351	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.608	B
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.081	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.809	D
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.572	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.941	E
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.723	C
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.724	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.701	C
29	MAIN ST & IMPERIAL HWY	47	AM	0.000	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.437	A
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.897	D
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.697	B
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.627	B
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.698	B
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.513	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.928	E
38	LA CIENEGA BLVD & 111TH ST	67	AM		



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.529	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.378	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	1.116	F
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.252	F
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.430	A
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.498	A
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	1.039	F
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.657	B
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.831	D
48	LINCOLN BLVD & 83RD ST	87	AM	1.536	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	1.218	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.551	A
52	PERSHING DR & MANCHESTER AV	98	AM	0.208	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.873	D
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.652	F
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.505	A
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.939	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.825	D
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.654	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.371	A
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.589	A
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.746	C
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.463	A
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.505	A
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.434	A

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE A WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1838	0.765	C	1989	0.929	E	2	2079	0.971	E	2020	0.944	E	2	1677	0.784	C	1733	0.810	D
2	Continella Avenue	s/o Venice Boulevard**	910	2	1726	0.948	E	1226	0.674	B	2	1533	0.842	D	1726	0.948	E	2	1409	0.774	C	1595	0.876	D
3	Sawtella Boulevard	s/o Venice Boulevard**	910	2	1105	0.607	B	1097	0.603	A	2	967	0.531	A	1455	0.799	C	2	1229	0.675	B	1388	0.763	C
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1607	0.893	D	1357	0.746	C	2	1970	1.082	F	1757	0.965	E	2	1526	0.838	D	1788	0.982	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	825	0.907	E	900	0.989	E	1	827	0.909	E	1101	1.210	F	1	820	0.901	D	947	1.041	F
6	Stocker Street	s/o La Brea Avenue	850	2	873	0.514	A	924	0.544	A	2	1128	0.664	B	863	0.508	A	2	1008	0.593	A	1035	0.609	B
7	Slauson Avenue	s/o La Brea Avenue	850	3	1078	0.423	A	1818	0.713	C	3	1680	0.659	B	1238	0.485	A	3	1026	0.402	A	942	0.369	A
8	Continella Avenue	s/o La Brea Avenue	850	2	732	0.431	A	1646	0.968	E	2	1219	0.717	C	2049	1.205	F	2	1291	0.759	C	1038	0.611	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3073	0.554	A	3079	0.555	A	3	3813	0.651	B	3359	0.605	B	3	2218	0.400	A	2284	0.413	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1411	0.553	A	930	0.547	A	2*	1163	0.684	B	1657	0.650	B	2	801	0.471	A	893	0.525	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	783	0.461	A	525	0.309	A	2	783	0.461	A	904	0.532	A	2	1116	0.656	B	691	0.406	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1394	0.547	A	1388	0.544	A	3	1752	0.687	B	1318	0.517	A	3	1387	0.544	A	1252	0.491	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	573	0.337	A	964	0.378	A	3	1519	0.596	A	929	0.364	A	2	888	0.522	A	1170	0.688	B
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2588	0.689	B	1032	0.265	A	3	1852	0.475	A	3147	0.807	D	3	1716	0.440	A	1313	0.337	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4785	0.920	E	1471	0.283	A	4	2547	0.490	A	4585	0.882	D	4	2787	0.536	A	2888	0.555	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	660	0.363	A	1086	0.597	A	2	548	0.356	A	988	0.543	A	2	882	0.485	A	1036	0.589	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1210	0.665	B	749	0.412	A	2	1129	0.620	B	872	0.479	A	2	617	0.339	A	888	0.488	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1230	0.287	A	1120	0.262	A	2	1347	0.315	A	1292	0.302	A	2	1480	0.346	A	1337	0.312	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2192	0.592	A	79	0.021	A	2	1021	0.276	A	1336	0.361	A	2	1213	0.328	A	1455	0.393	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	2718	0.747	C	931	0.341	A	4*	1741	0.478	A	2451	0.898	D	4*	914	0.251	A	788	0.289	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	4436	1.036	F	1859	0.388	A	4	3901	0.911	E	3010	0.703	B	4	2758	0.644	B	2719	0.635	B
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1245	0.448	A	813	0.292	A	2	1405	0.505	A	2271	0.816	D	2	1102	0.396	A	1272	0.457	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	362	0.130	A	364	0.131	A	2	772	0.277	A	1115	0.401	A	2	676	0.243	A	727	0.261	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1359	0.680	B	932	0.466	A	2	1315	0.658	B	1240	0.620	B	2	1043	0.522	A	1136	0.588	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	675	0.397	A	1511	0.889	D	2	951	0.559	A	883	0.519	A	2	303	0.178	A	1226	0.721	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2847	0.949	E	1191	0.397	A	3	2192	0.731	C	2586	0.862	D	3	1528	0.509	A	1465	0.488	A
27	Continella Avenue	w/o Sepulveda Boulevard	850	3	1182	0.464	A	2432	0.954	F	3	2239	0.878	D	1957	0.767	C	3	1480	0.580	A	2060	0.808	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	514	0.202	A	1321	0.518	A	3	2057	0.807	D	1089	0.419	A	2	1200	0.706	C	1558	0.916	E
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	856	0.504	A	665	0.391	A	2	957	0.563	A	1408	0.828	D	2	946	0.556	A	585	0.344	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1833	0.705	C	418	0.161	A	2	554	0.213	A	1414	0.544	A	2	804	0.309	A	614	0.236	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE A WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINES

No.		Link Location	Lane Count	AM Peak Hour						PM Peak Hour						AP Peak Hour								
				No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB		
					Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	8846	0.885	D	8602	0.860	D	5	9864	0.996	E	7944	0.794	D	5	10791	1.079	F(0)	10047	1.005	E
			2,000	1	820	0.410	B	1815	0.808	D	1	1818	0.909	D	1639	0.820	D	1	1797	0.899	D	2674	1.337	F(1)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	7584	0.948	E	7863	0.983	E	4	8384	1.048	F(0)	7998	1.000	E	4	9015	1.127	F(0)	7416	0.927	D
			2,000	1	844	0.422	B	1125	0.563	C	1	1596	0.798	D	1263	0.632	C	1	1474	0.737	C	1809	0.905	D
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	4	9065	1.133	F(0)	7780	0.973	E	4	8625	1.078	F(0)	9880	1.235	F(0)	4	9909	1.239	F(0)	9400	1.175	F(0)
			2,000	1	1227	0.614	C	998	0.499	B	1	1353	0.682	C	1693	0.847	D	1	1650	0.825	D	1969	0.985	E
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	4	7188	0.899	D	9152	1.144	F(0)	4	8421	1.053	F(0)	8633	1.079	F(0)	4	5347	0.668	C	5791	0.724	C
			2,000	1	812	0.406	B	1180	0.590	C	1	1547	0.774	C	1283	0.647	C	1	1633	0.817	D	1743	0.872	D

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE A WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY RAMPS

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	719	0.479	B	957	0.638	C	1305	0.870	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	362	0.121	A	466	0.155	A	382	0.127	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	600	0.400	B	1173	0.782	D	959	0.639	C
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	308	0.205	A	356	0.237	A	371	0.247	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	890	0.593	C	255	0.170	A	238	0.159	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	288	0.192	A	598	0.399	B	356	0.237	A
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	786	0.524	B	857	0.571	C	630	0.420	B
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	729	0.486	B	914	0.609	C	408	0.272	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	610	0.407	B	436	0.291	A	346	0.231	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	468	0.312	A	519	0.346	A	296	0.197	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	445	0.297	A	463	0.309	A	501	0.334	A
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1232	0.821	D	763	0.509	B	971	0.647	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	960	0.640	C	1238	0.825	D	983	0.655	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	599	0.399	B	452	0.301	A	828	0.552	C
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	286	0.177	A	383	0.255	A	415	0.277	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	374	0.249	A	434	0.289	A	338	0.225	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	609	0.406	B	836	0.557	C	696	0.464	B
18	405 NB off-ramp at Century Blvd.	1,500	1	1112	0.741	C	790	0.527	B	520	0.347	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	377	0.251	A	695	0.463	B	176	0.117	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	604	0.403	B	426	0.284	A	422	0.281	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	356	0.237	A	176	0.117	A	286	0.191	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	209	0.139	A	182	0.121	A	260	0.173	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	170	0.113	A	260	0.173	A	373	0.249	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	6	0.004	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	488	0.325	A	196	0.131	A	201	0.134	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	365	0.243	A	1408	0.939	D	510	0.340	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	950	0.633	C	714	0.476	B	525	0.350	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	262	0.175	A	662	0.441	B	329	0.219	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	375	0.250	A	346	0.231	A	464	0.309	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1084	0.361	B	1605	0.535	B	830	0.277	A
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2705	0.601	C	4154	0.923	D	4025	0.894	D
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2118	0.706	C	1784	0.595	C	1952	0.651	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	724	0.483	B	473	0.315	A	407	0.271	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	780	0.520	B	867	0.578	C	761	0.507	B
35	105 WB off-ramp Nash St.	1,500	1	1645	1.097	F(0)	323	0.215	A	602	0.401	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	870	0.580	C	852	0.568	C	797	0.531	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	279	0.186	A	281	0.187	A	187	0.125	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	925	0.617	C	1183	0.789	D	593	0.395	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	131	0.087	A	680	0.453	B	494	0.329	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.337	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.451	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.766	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.002	F
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.726	C
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.142	F
8	AVIATION BLVD & 111TH ST	10	AM		
9	AVIATION BLVD & CENTURY BLVD	11	AM	0.970	E
10	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.069	F
11	AVIATION BLVD & IMPERIAL HWY	13	AM	1.084	F
12	AVIATION BLVD & MANCHESTER AV	14	AM	0.983	E
13	AVIATION BLVD & ROSECRANS AV	15	AM	1.351	F
14	CENTINELA AV & JEFFERSON BLVD	18	AM	1.159	F
15	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.423	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.867	D
17	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.000	A
18	CULVER BLVD & JEFFERSON BLVD	28	AM	0.583	A
19	VISTA DEL MAR & CULVER BLVD	33	AM	0.298	A
20	DOUGLAS ST & IMPERIAL HWY	34	AM	0.365	A
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.095	F
22	VISTA DEL MAR & GRAND AV	36	AM	0.741	C
23	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.841	D
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.954	E
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.827	D
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.760	C
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.280	A
28	MAIN ST & IMPERIAL HWY	47	AM	0.000	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.308	F
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.123	F
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.931	E
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.728	C
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.871	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.551	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.498	F
37	LA CIENEGA BLVD & 111TH ST	67	AM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.377	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.350	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.488	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.714	C
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.997	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.744	C
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.952	E
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.626	B
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.385	F
47	LINCOLN BLVD & 83RD ST	87	AM	1.219	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	1.028	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.834	D
51	PERSHING DR & MANCHESTER AV	98	AM	0.391	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.115	F
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.929	E
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.635	B
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.611	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.081	F
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.837	D
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.666	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.913	E
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.763	C
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.819	D
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.654	B
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.349	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.584	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.598	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.798	C
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.002	F
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.791	C
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.063	F
8	AVIATION BLVD & 111TH ST	10	PM		
9	AVIATION BLVD & CENTURY BLVD	11	PM	1.222	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.103	F
11	AVIATION BLVD & IMPERIAL HWY	13	PM	1.301	F
12	AVIATION BLVD & MANCHESTER AV	14	PM	1.168	F
13	AVIATION BLVD & ROSECRANS AV	15	PM	1.684	F
14	CENTINELA AV & JEFFERSON BLVD	18	PM	1.404	F
15	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.273	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.984	E
17	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.000	A
18	CULVER BLVD & JEFFERSON BLVD	28	PM	1.379	F
19	VISTA DEL MAR & CULVER BLVD	33	PM	0.463	A
20	DOUGLAS ST & IMPERIAL HWY	34	PM	0.559	A
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.248	F
22	VISTA DEL MAR & GRAND AV	36	PM	0.602	B
23	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.106	F
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.907	E
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.879	D
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.699	B
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.319	A
28	MAIN ST & IMPERIAL HWY	47	PM	0.000	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.623	B
30	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.636	F
32	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.901	E
33	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.559	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.893	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.740	C
36	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.284	F
37	LA CIENEGA BLVD & 111TH ST	67	PM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.485	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.291	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.624	B
41	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.824	D
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.824	D
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.912	E
44	LINCOLN BLVD & LA TIJERA BLVD	81	PM	1.139	F
45	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.864	D
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.824	F
47	LINCOLN BLVD & 83RD ST	87	PM	1.550	F
48	LINCOLN BLVD & MANCHESTER AV	88	PM	1.703	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	PM	0.710	C
51	PERSHING DR & MANCHESTER AV	98	PM	0.641	B
52	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.031	F
53	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.466	F
54	PERSHING DR & WESTCHESTER PKWY	101	PM	0.837	D
55	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.694	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.915	E
57	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.630	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.748	C
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.832	D
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.787	C
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.647	B
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.665	B
63	LA CIENEGA BLVD & 120TH ST	313	PM	0.420	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.478	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.702	C
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.923	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.171	F
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.700	B
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.195	F
8	AVIATION BLVD & 111TH ST	10	AM		
9	AVIATION BLVD & CENTURY BLVD	11	AM	1.203	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.175	F
11	AVIATION BLVD & IMPERIAL HWY	13	AM	1.245	F
12	AVIATION BLVD & MANCHESTER AV	14	AM	1.550	F
13	AVIATION BLVD & ROSECRANS AV	15	AM	1.719	F
14	CENTINELA AV & JEFFERSON BLVD	18	AM	1.188	F
15	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.022	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.670	B
17	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.000	A
18	CULVER BLVD & JEFFERSON BLVD	28	AM	0.843	D
19	CULVER BLVD & VISTA DEL MAR	33	AM	0.356	A
20	DOUGLAS ST & IMPERIAL HWY	34	AM	0.613	B
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.080	F
22	VISTA DEL MAR & GRAND AV	36	AM	0.869	D
23	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.567	F
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.942	E
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.677	B
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.526	A
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.693	B
28	MAIN ST & IMPERIAL HWY	47	AM	0.000	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.430	A
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.916	E
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.701	C
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.638	B
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.711	C
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.526	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.909	E
37	LA CIENEGA BLVD & 111TH ST	67	AM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.561	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.416	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.923	E
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.200	F
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.483	A
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.527	A
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.996	E
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.603	B
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.788	C
47	LINCOLN BLVD & 83RD ST	87	AM	1.525	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	1.221	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.552	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.215	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.843	D
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.679	F
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.445	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.943	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.797	C
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.669	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.399	A
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.545	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.903	E
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.455	A
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.505	A
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.551	A

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE B WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

2015 PHASE 3F: ALTERNATIVE B WEEKDAY - CANTERBURY																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard*	1070	2	1628	0.761	C	1959	0.915	E	2	2108	0.885	E	1980	0.925	E	2	1668	0.779	C	1714	0.801	C
2	Cantimela Avenue	s/o Venice Boulevard*	910	2	1719	0.945	E	1201	0.880	B	2	1524	0.837	D	1693	0.930	E	2	1392	0.765	C	1578	0.867	D
3	Sawtelle Boulevard	s/o Venice Boulevard*	910	2	1091	0.599	A	1115	0.613	B	2	906	0.498	A	1424	0.782	C	2	1244	0.884	B	1361	0.748	C
4	Sepulveda Boulevard	s/o Venice Boulevard*	910	2	1588	0.873	D	1333	0.732	C	2	1969	1.082	F	1733	0.952	E	2	1530	0.841	D	1794	0.986	E
5	Overland Avenue	s/o Venice Boulevard*	910	1	819	0.900	D	891	0.979	E	1	833	0.915	E	1080	1.187	F	1	812	0.892	D	951	1.045	F
6	Stocker Street	s/o La Brea Avenue	850	2	871	0.512	A	887	0.522	A	2	1075	0.632	B	861	0.506	A	2	986	0.580	A	1001	0.589	A
7	Stauson Avenue	s/o La Brea Avenue	850	3	1089	0.427	A	1823	0.715	C	3	1695	0.665	B	1243	0.487	A	3	1025	0.402	A	948	0.372	A
8	Cantimela Avenue	s/o La Brea Avenue	850	2	737	0.434	A	1661	0.977	E	2	1235	0.726	C	2048	1.205	F	2	1314	0.773	C	1057	0.622	B
9	La Cienega Boulevard	s/o Stauson Avenue	1850	3	3038	0.547	A	3085	0.556	A	3	3666	0.661	B	3348	0.603	A	3	2209	0.398	A	2243	0.404	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1392	0.546	A	912	0.536	A	2*	1090	0.641	B	1627	0.538	B	2	799	0.470	A	891	0.518	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	775	0.456	A	510	0.300	A	2	748	0.440	A	887	0.522	A	2	1109	0.652	B	678	0.399	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1330	0.522	A	1346	0.528	A	3	1696	0.665	B	1350	0.529	A	3	1380	0.541	A	1218	0.478	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	536	0.315	A	971	0.381	A	3	1532	0.601	A	957	0.375	A	2	875	0.515	A	1148	0.875	B
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2695	0.691	B	1074	0.275	A	3	1802	0.462	A	3051	0.782	C	3	1727	0.443	A	1354	0.347	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4751	0.916	E	1417	0.273	A	4	2579	0.496	A	4511	0.868	D	4	2785	0.536	A	2845	0.547	A
16	Pacific Avenue	s/o Venice Boulevard*	910	2	652	0.358	A	1049	0.576	A	2	832	0.347	A	1000	0.549	A	2	875	0.481	A	1035	0.569	A
17	Washington Boulevard	s/o Lincoln Boulevard*	910	2	1210	0.665	B	737	0.405	A	2	1071	0.588	A	883	0.485	A	2	618	0.340	A	887	0.487	A
18	Marina Freeway	s/o Lincoln Boulevard*	2140	2	1226	0.286	A	1100	0.257	A	2	1321	0.309	A	1286	0.300	A	2	1490	0.348	A	1336	0.312	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2156	0.583	A	94	0.025	A	2	1035	0.280	A	1278	0.345	A	2	1236	0.334	A	1516	0.410	A
20	Jefferson Avenue	s/o Lincoln Boulevard*	910	4*	2726	0.749	C	986	0.361	A	4*	1858	0.510	A	2579	0.945	E	4*	953	0.262	A	803	0.294	A
21	Lincoln Boulevard	s/o Jefferson Avenue*	1070	4	4386	1.025	F	1627	0.380	A	4	3656	0.901	D	3007	0.703	B	4	2746	0.642	B	2675	0.625	B
22	Culver Boulevard	w/o Jefferson Avenue*	1391	2	1261	0.453	A	786	0.283	A	2	1493	0.537	A	2278	0.819	D	2	1097	0.394	A	1295	0.465	A
23	Vista Del Mar	s/o Culver Boulevard*	1391	2	354	0.127	A	339	0.122	A	2	771	0.277	A	1115	0.401	A	2	677	0.243	A	747	0.269	A
24	La Brea Avenue	s/o Stauson Avenue	1000	2	1347	0.674	B	931	0.466	A	2	1325	0.663	B	1235	0.618	B	2	1061	0.531	A	1157	0.579	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	672	0.395	A	1471	0.855	D	2	973	0.572	A	909	0.535	A	2	298	0.175	A	1213	0.714	C
26	Sepulveda Boulevard	s/o Stauson Avenue	1000	3	2813	0.938	E	1114	0.371	A	3	2170	0.723	C	2484	0.828	D	3	1510	0.503	A	1370	0.457	A
27	Cantimela Avenue	w/o Sepulveda Boulevard	850	3	1087	0.426	A	2398	0.940	E	3	2233	0.876	D	1902	0.746	C	3	1528	0.599	A	2077	0.815	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	503	0.197	A	1323	0.519	A	3	2055	0.808	D	1053	0.413	A	2	1207	0.710	C	1557	0.916	E
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	845	0.497	A	650	0.382	A	2	932	0.548	A	1417	0.834	D	2	945	0.556	A	565	0.332	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1814	0.698	B	438	0.168	A	2	514	0.198	A	1423	0.547	A	2	799	0.307	A	615	0.237	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE B WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINES

2015 PHASE 3F: ALTERNATIVE B WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR RAILWAY MARKAVES																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	8760	0.876	D	8472	0.847	D	5	9911	0.991	E	7835	0.784	D	5	10739	1.074	F(0)	9985	0.999	E
			2,000	1	816	0.408	B	1607	0.804	D	1	1806	0.903	D	1621	0.811	D	1	1831	0.916	D	2686	1.333	F(1)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	8116	1.015	F(0)	8374	1.047	F(0)	4	8873	1.109	F(0)	8681	1.085	F(0)	4	9561	1.195	F(0)	8170	1.021	F(0)
			2,000	1	948	0.474	B	1031	0.516	B	1	1511	0.758	C	1275	0.638	C	1	1465	0.733	C	1844	0.922	D
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	4	8984	1.123	F(0)	7729	0.966	E	4	8602	1.075	F(0)	9757	1.220	F(0)	4	9842	1.230	F(0)	9326	1.166	F(0)
			2,000	1	1202	0.601	C	1009	0.505	B	1	1331	0.666	C	1663	0.832	D	1	1636	0.818	D	1955	0.983	E
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	4	7159	0.885	D	9114	1.139	F(0)	4	8383	1.048	F(0)	8569	1.071	F(0)	4	5333	0.667	C	5793	0.724	C
			2,000	1	829	0.415	B	1181	0.591	C	1	1547	0.774	C	1303	0.652	C	1	1641	0.821	D	1721	0.861	D

**Los Angeles International Airport Master Plan**

**2015 PHASE 3F: ALTERNATIVE B WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY RAMPS**

No.	Freeway Ramps	Cap	No. of Lanes	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	683	0.455	B	936	0.624	C	1327	0.885	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	334	0.111	A	393	0.131	A	364	0.121	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	558	0.372	B	1118	0.745	C	871	0.581	C
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	307	0.205	A	353	0.235	A	387	0.258	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	857	0.571	C	297	0.198	A	265	0.177	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	303	0.202	A	610	0.407	B	371	0.247	A
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	713	0.475	B	850	0.567	C	665	0.443	B
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	632	0.421	B	870	0.580	C	437	0.291	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	627	0.418	B	477	0.318	A	341	0.227	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	462	0.308	A	522	0.348	A	307	0.205	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	481	0.321	A	489	0.326	A	588	0.392	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1249	0.833	D	826	0.551	C	1028	0.685	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	986	0.657	C	1226	0.817	D	1044	0.696	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	815	0.543	B	862	0.575	C	1110	0.740	C
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	342	0.228	A	399	0.266	A	467	0.311	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	370	0.247	A	424	0.283	A	289	0.193	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	365	0.243	A	726	0.484	B	480	0.320	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1331	0.887	D	726	0.484	B	463	0.309	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	757	0.505	B	1014	0.676	C	297	0.198	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	714	0.476	B	375	0.250	A	524	0.349	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	357	0.238	A	178	0.119	A	323	0.215	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	225	0.150	A	229	0.153	A	270	0.180	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	186	0.124	A	265	0.177	A	382	0.255	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	6	0.004	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	455	0.303	A	166	0.111	A	209	0.139	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	389	0.259	A	1386	0.924	D	513	0.342	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	877	0.585	C	661	0.441	B	535	0.357	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	254	0.169	A	665	0.443	B	336	0.224	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	372	0.248	A	340	0.227	A	457	0.305	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1040	0.347	A	1400	0.467	B	558	0.186	A
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	3014	0.670	C	4514	1.003	E	4449	0.989	E
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	1953	0.651	C	1599	0.533	B	1891	0.630	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	698	0.465	B	475	0.317	A	150	0.100	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	672	0.448	B	828	0.552	C	755	0.503	B
35	105 WB off-ramp Nash St.	1,500	1	1484	0.989	E	386	0.257	A	782	0.521	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	875	0.583	C	841	0.561	C	833	0.555	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	282	0.188	A	300	0.200	A	181	0.121	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	935	0.623	C	1187	0.791	D	638	0.425	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	100	0.067	A	846	0.431	B	456	0.304	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.245	A
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.932	E
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.403	A
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.412	A
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.769	C
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.910	E
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.138	F
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.570	F
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.322	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.166	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	0.807	D
13	AVIATION BLVD & MANCHESTER AV	14	AM	0.765	C
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.340	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.171	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.454	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	1.082	F
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.000	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.599	A
20	VISTA DEL MAR & CULVER BLVD	33	AM	0.313	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.400	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.125	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.678	B
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.866	D
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.954	E
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.851	D
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.654	B
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.259	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.777	C
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.244	F
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.081	F
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.910	E
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.747	C
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.856	D
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.566	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.501	F
38	LA CIENEGA BLVD & 111TH ST	67	AM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.384	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.285	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.739	C
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.745	C
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	1.027	F
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.801	D
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.947	E
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.622	B
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.284	F
48	LINCOLN BLVD & 83RD ST	87	AM	1.245	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	1.015	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.855	D
52	PERSHING DR & MANCHESTER AV	98	AM	0.406	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.113	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.908	E
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.633	B
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.643	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.130	F
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.868	D
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.645	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.825	D
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.700	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.795	C
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.641	B
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.308	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.768	C
2	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.575	A
3	AIRPORT BLVD & CENTURY BLVD	4	PM	0.595	A
4	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.536	A
5	AIRPORT BLVD & MANCHESTER AV	6	PM	0.727	C
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.301	F
7	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.982	E
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.460	F
9	AVIATION BLVD & 111TH ST	10	PM		
10	AVIATION BLVD & CENTURY BLVD	11	PM	1.123	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.108	F
12	AVIATION BLVD & IMPERIAL HWY	13	PM	1.226	F
13	AVIATION BLVD & MANCHESTER AV	14	PM	0.915	E
14	AVIATION BLVD & ROSECRANS AV	15	PM	1.687	F
15	CENTINELA AV & JEFFERSON BLVD	18	PM	1.370	F
16	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.313	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	PM	1.054	F
18	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.000	A
19	CULVER BLVD & JEFFERSON BLVD	28	PM	1.381	F
20	VISTA DEL MAR & CULVER BLVD	33	PM	0.465	A
21	DOUGLAS ST & IMPERIAL HWY	34	PM	0.612	B
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.248	F
23	VISTA DEL MAR & GRAND AV	36	PM	0.631	B
24	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.098	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.887	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.937	E
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.740	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.293	A
29	MAIN ST & IMPERIAL HWY	47	PM	0.774	C
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.716	C
31	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.720	F
33	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.988	E
34	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.595	A
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.907	E
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.763	C
37	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.296	F
38	LA CIENEGA BLVD & 111TH ST	67	PM		



## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.383	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.233	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.890	D
42	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.780	C
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.867	D
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.953	E
45	LINCOLN BLVD & LA TIJERA BLVD	81	PM	1.299	F
46	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.730	C
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.749	F
48	LINCOLN BLVD & 83RD ST	87	PM	1.587	F
49	LINCOLN BLVD & MANCHESTER AV	88	PM	1.732	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	PM	0.722	C
52	PERSHING DR & MANCHESTER AV	98	PM	0.748	C
53	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.033	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.484	F
55	PERSHING DR & WESTCHESTER PKWY	101	PM	0.863	D
56	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.733	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.863	D
58	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.640	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.831	D
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.791	C
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.686	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.648	B
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.670	B
64	LA CIENEGA BLVD & 120TH ST	313	PM	0.431	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.735	C
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.805	D
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.496	A
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.685	B
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.921	E
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.312	F
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.155	F
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.153	F
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.875	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.206	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	1.166	F
13	AVIATION BLVD & MANCHESTER AV	14	AM	1.194	F
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.705	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.172	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.010	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.867	D
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.000	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.819	D
20	CULVER BLVD & VISTA DEL MAR	33	AM	0.355	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.622	B
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.087	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.819	D
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.566	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.920	E
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.724	C
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.710	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.648	B
29	MAIN ST & IMPERIAL HWY	47	AM	0.548	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.412	A
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.993	E
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.702	C
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.580	A
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.694	B
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.517	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.931	E
38	LA CIENEGA BLVD & 111TH ST	67	AM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.589	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.354	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.973	E
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.241	F
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.449	A
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.611	B
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	1.041	F
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.601	B
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.827	D
48	LINCOLN BLVD & 83RD ST	87	AM	1.539	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	1.241	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.556	A
52	PERSHING DR & MANCHESTER AV	98	AM	0.218	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.835	D
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.615	F
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.509	A
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.936	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.947	E
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.651	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.358	A
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.575	A
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.661	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.451	A
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.502	A
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.508	A

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE C WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour								
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
1	Lincoln Boulevard	1070	2	1638	0.765	C	2004	0.936	E	2	2132	0.996	E	2023	0.945	E	2	1673	0.762	C	1706	0.797	C
2	Centinella Avenue	910	2	1737	0.954	E	1211	0.665	B	2	1556	0.855	D	1690	0.929	E	2	1403	0.771	C	1592	0.875	C
3	Savetally Boulevard	910	2	1131	0.621	B	1096	0.602	A	2	1004	0.552	A	1446	0.795	C	2	1209	0.664	B	1358	0.746	C
4	Southern Boulevard	910	2	1580	0.874	D	1382	0.759	D	2	1959	1.076	F	1758	0.996	F	2	1516	0.833	D	1811	0.995	E
5	Overland Avenue	910	1	833	0.915	E	864	0.982	E	1	823	0.904	F	1085	1.192	F	1	812	0.892	D	943	0.958	F
6	Stockton Street	850	2	872	0.513	A	902	0.531	A	2	1105	0.650	B	838	0.505	A	1013	0.593	A	1013	0.598	B	
7	Stanton Avenue	850	3	1076	0.422	A	1820	0.714	C	3	1692	0.664	B	1233	0.484	A	1023	0.401	A	938	0.388	B	
8	Centinella Avenue	850	2	728	0.428	A	1645	0.968	E	2	1229	0.723	C	2057	1.210	F	1290	0.759	C	1145	0.615	B	
9	La Cienega Boulevard	1850	3	3128	0.564	A	3129	0.564	A	3	3658	0.659	B	3304	0.595	A	2219	0.400	A	2208	0.416	A	
10	Manchester Boulevard	850	3	1431	0.561	A	929	0.346	A	2	1168	0.687	B	1652	0.848	A	801	0.471	A	902	0.531	A	
11	Arbor Vitae	850	2	806	0.474	A	523	0.308	A	2	827	0.486	A	921	0.542	A	1138	0.669	B	669	0.394	A	
12	Century Boulevard	850	2	1443	0.566	A	1374	0.538	A	3	1763	0.691	B	1274	0.500	A	1393	0.546	A	902	0.482	A	
13	Imperial Highway	1300	3	539	0.317	A	959	0.376	A	3	1538	0.603	A	947	0.371	A	1153	0.418	A	1153	0.678	B	
14	Aviation Boulevard	1300	4	2705	0.694	B	1015	0.260	A	3	1817	0.466	A	3103	0.796	C	1344	0.543	A	1344	0.345	A	
15	Sepulveda Boulevard	1300	3	4790	0.921	E	1481	0.285	A	4	2474	0.476	A	4824	0.889	D	2773	0.533	A	2893	0.545	A	
16	Pacific Avenue	910	2	677	0.372	A	1086	0.597	A	2	649	0.357	A	986	0.542	A	617	0.467	A	617	0.467	A	
17	Washington Boulevard	2140	2	1210	0.585	B	748	0.411	A	2	1072	0.589	A	962	0.474	A	1477	0.345	A	888	0.488	A	
18	Marina Freeway	2140	2	2195	0.583	A	1100	0.257	A	2	1318	0.308	A	1310	0.354	A	1472	0.389	A	1375	0.310	A	
19	Culver Boulevard	1850	2	2195	0.583	A	71	0.019	A	4	1895	0.521	E	2599	0.948	E	914	0.251	A	800	0.293	A	
20	Jefferson Avenue	910	4	2740	0.753	C	952	0.349	A	4	3891	0.909	E	2597	0.700	B	1104	0.397	A	2716	0.635	B	
21	Lincoln Boulevard	1070	2	4512	1.054	F	1648	0.385	A	2	1411	0.507	A	2280	0.820	D	1104	0.397	A	1264	0.454	A	
22	Culver Boulevard	1391	2	373	0.134	A	374	0.134	A	2	777	0.279	A	1115	0.401	A	678	0.244	A	737	0.285	A	
23	Vista Del Mar	1391	2	1363	0.662	B	946	0.473	A	2	1332	0.666	B	1233	0.617	A	235	0.174	A	1159	0.580	A	
24	La Brea Avenue	850	2	686	0.404	A	1501	0.883	D	2	945	0.556	A	873	0.514	A	1060	0.530	A	1220	0.718	C	
25	Jefferson Boulevard	1000	3	2871	0.957	E	1200	0.400	D	3	2225	0.742	C	2354	0.845	D	1541	0.514	A	1504	0.501	A	
26	Sepulveda Boulevard	850	3	1175	0.461	A	2432	0.962	E	3	2205	0.865	D	1976	0.775	A	1454	0.570	A	2030	0.796	C	
27	Centinella Avenue	850	3	530	0.209	A	1333	0.523	A	3	2060	0.808	D	1046	0.410	A	1179	0.694	B	1534	0.902	D	
28	El Segundo Boulevard	850	3	865	0.509	A	657	0.386	A	2	881	0.518	A	1422	0.836	D	932	0.548	A	531	0.324	A	
29	Inglewood Boulevard	850	2	1828	0.703	B	425	0.163	A	2	567	0.218	A	1369	0.534	A	808	0.308	A	635	0.244	A	
30	Vista Del Mar	1300	2							2													

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.  
 Imperial w/o La Brea has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.  
 Jefferson w/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.  
 \*\* Intersections at both ends of these links have been increased by 7 percent to reflect ATISAC.

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE C WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINES

No.	Link Location	Lane Count	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB		LOS	Vol	SB/WB		LOS	Vol	NB/EB		LOS	Vol	SB/WB		LOS					
					Y/C	Y/C			Y/C	Y/C			Y/C	Y/C			Y/C	Y/C						
1	Interstate 405 n/o Venice Blvd.	2,000	5	8937	0.830	D	8588	0.838	D	5	10033	1.003	E	5	7943	0.794	D	5	10815	1.082	F(0)	10003	1.000	E
2	Interstate 405 n/o La Tijera Blvd.	2,000	1	863	0.432	B	1622	0.811	D	1	1844	0.922	D	1	1625	0.813	D	1	1784	0.892	D	7614	1.307	F(0)
3	Interstate 405 n/o Rosecrans Ave.	2,000	4	7526	0.941	B	7815	0.977	E	4	8417	1.052	F(0)	4	7858	0.982	E	4	8886	1.111	F(0)	7321	0.915	D
4	Interstate 405 n/o Crenshaw Blvd.	2,000	1	968	0.484	B	1154	0.577	C	1	1569	0.785	D	1	1282	0.646	C	1	1505	0.753	C	1789	0.885	C
5	Interstate 405 n/o Crenshaw Blvd.	2,000	4	9052	1.132	F(0)	7887	0.968	E	4	8593	1.074	F(0)	4	9919	1.240	F(0)	4	9871	1.234	F(0)	9356	1.170	F(0)
6	Interstate 405 n/o Crenshaw Blvd.	2,000	1	1240	0.520	C	1078	0.539	B	1	1326	0.663	C	1	1706	0.854	D	1	1644	0.822	D	1920	0.980	E
7	Interstate 405 n/o Crenshaw Blvd.	2,000	4	7226	0.903	D	9130	1.141	F(0)	4	8433	1.054	F(0)	4	8465	1.058	F(0)	4	5303	0.563	C	5776	0.722	C
8	Interstate 405 n/o Crenshaw Blvd.	2,000	1	863	0.432	B	1201	0.601	C	1	1555	0.778	C	1	1218	0.609	C	1	1583	0.797	D	1591	0.846	D

**Los Angeles International Airport Master Plan**

**2015 PHASE 3F: ALTERNATIVE C WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY RAMPS**

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	744	0.496	B	1031	0.687	C	1322	0.881	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	364	0.121	A	548	0.183	A	384	0.128	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	619	0.413	B	1192	0.795	D	980	0.653	C
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	300	0.200	A	374	0.249	A	358	0.239	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	919	0.613	C	294	0.196	A	256	0.171	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	298	0.199	A	605	0.403	B	364	0.243	A
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	816	0.544	B	941	0.627	C	788	0.525	B
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	768	0.512	B	957	0.638	C	413	0.275	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	642	0.428	B	488	0.325	A	356	0.237	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	475	0.317	A	513	0.342	A	279	0.186	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	440	0.293	A	457	0.305	A	509	0.339	A
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1274	0.849	D	797	0.531	B	1020	0.680	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	1072	0.715	C	1280	0.853	D	1034	0.689	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	668	0.445	B	517	0.345	A	806	0.537	B
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	386	0.257	A	444	0.296	A	483	0.322	A
16	405 SB off-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	193	0.129	A	249	0.166	A	191	0.127	A
17	405 SB on-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	467	0.311	A	798	0.532	B	426	0.284	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1210	0.807	D	758	0.505	B	489	0.326	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	502	0.335	A	786	0.524	B	133	0.089	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	617	0.411	B	421	0.281	A	445	0.297	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	328	0.219	A	146	0.097	A	272	0.181	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	170	0.113	A	168	0.112	A	241	0.161	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	181	0.121	A	261	0.174	A	373	0.249	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	6	0.004	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	472	0.315	A	156	0.104	A	207	0.138	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	451	0.301	A	1400	0.933	D	497	0.331	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	751	0.501	B	600	0.400	B	528	0.352	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	248	0.165	A	671	0.447	B	335	0.223	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	376	0.251	A	348	0.232	A	460	0.307	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1341	0.447	B	2124	0.708	C	1083	0.361	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2827	0.628	C	3613	0.803	D	3609	0.802	D
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2375	0.792	D	1977	0.659	C	2360	0.787	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	730	0.487	B	483	0.322	A	509	0.339	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	794	0.529	B	884	0.589	C	930	0.620	C
35	105 WB off-ramp Nash St.	1,500	1	1646	1.097	F(0)	319	0.213	A	686	0.457	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	873	0.582	C	881	0.587	C	831	0.554	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	281	0.187	A	288	0.192	A	187	0.125	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	938	0.625	C	1197	0.798	D	645	0.430	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	92	0.061	A	711	0.474	B	488	0.325	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.817	D
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.515	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.572	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.835	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.820	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.957	E
7	AVIATION BLVD & 111TH ST	10	AM	0.466	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.937	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.056	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.847	D
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.132	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.257	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.115	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.135	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.800	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.793	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.849	D
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.615	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.321	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.119	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.892	D
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.755	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.202	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.722	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.642	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.322	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.806	D
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.181	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.244	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.800	C
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.808	D
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.808	D
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.783	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.482	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.855	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.275	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.351	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.240	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.336	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.675	B
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.889	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.783	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.376	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.647	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.825	D
46	LINCOLN BLVD & 83RD ST	87	AM	0.976	E
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.894	D
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.576	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.440	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.416	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.017	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.752	C
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.347	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.612	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.270	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.725	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.881	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.778	C
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.783	C
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.658	B
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.320	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	1.019	F
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.574	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.579	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.778	C
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.968	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.779	C
7	AVIATION BLVD & 111TH ST	10	PM	0.528	A
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.071	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.028	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.157	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.855	D
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.508	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.055	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.007	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.774	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.899	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.023	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.383	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.552	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.196	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.477	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.004	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.911	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.845	D
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.900	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.296	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.963	E
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.617	B
29	PERSHING DR & IMPERIAL HWY	49	PM	0.925	E
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.005	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.541	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.518	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.873	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.635	B
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.227	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.210	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.519	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.228	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.442	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.817	D
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.926	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.870	D
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.459	A
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.710	C
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	0.851	D
46	LINCOLN BLVD & 83RD ST	87	PM	1.312	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	1.360	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.597	A
49	LINCOLN BLVD & TEALE ST	94	PM	0.576	A
50	PERSHING DR & MANCHESTER AV	98	PM	0.665	B
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.007	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	0.992	E
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.275	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.754	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	1.024	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.660	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.964	E
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.603	B
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.603	B
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.658	B
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.423	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.273	F
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.714	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.686	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.877	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.889	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.830	D
7	AVIATION BLVD & 111TH ST	10	AM	0.835	D
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.932	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.030	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.157	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.400	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.367	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.955	E
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.843	D
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.571	A
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.751	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.603	B
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.366	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.505	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.944	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.490	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.454	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.879	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.662	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.836	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.681	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.536	A
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.430	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.705	C
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.978	E
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.567	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.574	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.668	B
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.432	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.851	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.635	B
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.659	B
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.400	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.835	D
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.075	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.639	B
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.406	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.325	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.638	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.461	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.339	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.893	D
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.518	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.383	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.240	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.849	D
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.057	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.129	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.848	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.107	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.694	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.561	A
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.813	D
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.331	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.451	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.392	A

Los Angeles International Airport Master Plan

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE (WITH LINE RELOCATION) - LOS ANGELES																								
No.		Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour								
				No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1547	0.723	C	1825	0.853	D	2	1839	0.859	D	1770	0.827	D	2	1478	0.691	B	1591	0.743	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1614	0.887	D	1113	0.612	B	2	1381	0.759	C	1499	0.824	D	2	1186	0.652	B	1423	0.782	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	851	0.468	A	918	0.505	A	2	770	0.423	A	1124	0.618	B	2	885	0.487	A	1070	0.588	A
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1542	0.848	D	1188	0.653	B	2	1585	0.860	D	1516	0.833	D	2	1450	0.797	C	1665	0.915	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	811	0.892	D	841	0.925	E	1	756	0.831	D	1024	1.126	F	1	750	0.825	D	895	0.984	E
6	Stocker Street	s/o La Brea Avenue	850	2	747	0.439	A	748	0.440	A	2	926	0.545	A	691	0.406	A	2	839	0.494	A	879	0.517	A
7	Slauson Avenue	s/o La Brea Avenue	850	3	986	0.387	A	1721	0.675	B	3	1525	0.598	A	1192	0.487	A	3	939	0.368	A	854	0.335	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	633	0.372	A	1498	0.881	D	2	1117	0.657	B	1959	1.152	F	2	1152	0.878	B	900	0.529	A
9	La Cienega Boulevard	n/o Slauson Avenue	1850	3	3043	0.548	A	2833	0.528	A	3	3460	0.623	B	3069	0.553	A	3	2112	0.381	A	2233	0.402	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1208	0.474	A	894	0.526	A	2*	986	0.580	A	1470	0.576	A	2	766	0.451	A	874	0.514	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	521	0.306	A	517	0.304	A	2	660	0.388	A	820	0.482	A	2	959	0.564	A	643	0.378	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1071	0.420	A	1273	0.499	A	3	1626	0.638	B	1120	0.438	A	3	1078	0.423	A	1001	0.393	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	496	0.292	A	948	0.372	A	3	1391	0.545	A	751	0.295	A	2	769	0.452	A	935	0.550	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2372	0.608	B	864	0.247	A	3	1504	0.386	A	2551	0.654	B	3	1450	0.372	A	1130	0.280	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4771	0.918	E	1352	0.260	A	4	2275	0.438	A	4171	0.802	C	4	2612	0.502	A	2681	0.512	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	378	0.208	A	850	0.467	A	2	518	0.285	A	716	0.394	A	2	676	0.372	A	880	0.484	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1166	0.641	B	748	0.411	A	2	1042	0.573	A	764	0.420	A	2	579	0.318	A	894	0.491	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1090	0.255	A	1143	0.267	A	2	1449	0.339	A	1175	0.275	A	2	1491	0.348	A	1274	0.288	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	1553	0.420	A	401	0.108	A	2	1049	0.284	A	1422	0.384	A	2	1407	0.380	A	1380	0.373	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	1745	0.480	A	923	0.338	A	4*	1625	0.447	A	2284	0.837	D	4*	562	0.154	A	956	0.350	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	2656	0.621	B	1674	0.391	A	4	3672	0.858	D	2611	0.610	B	4	2423	0.566	A	2519	0.589	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1861	0.669	B	758	0.273	A	2	1314	0.472	A	2078	0.747	C	2	1080	0.388	A	1184	0.426	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	1071	0.385	A	460	0.165	A	2	591	0.212	A	1102	0.396	A	2	755	0.271	A	847	0.233	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1199	0.600	A	808	0.404	A	2	1169	0.585	A	1192	0.596	A	2	958	0.479	A	1073	0.537	A
25	Jefferson Boulevard	n/o Rodera Road	850	2	633	0.372	A	1146	0.674	B	2	828	0.487	A	772	0.454	A	2	224	0.132	A	1057	0.622	B
26	Sepulveda Boulevard	n/o Slauson Avenue	1000	3	2543	0.848	D	1108	0.369	A	3	1937	0.646	B	2253	0.751	C	3	1314	0.438	A	1407	0.469	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	771	0.302	A	1716	0.673	B	3	1573	0.617	B	1322	0.518	A	3	1029	0.404	A	1589	0.623	B
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	498	0.195	A	1345	0.527	A	3	1943	0.762	C	963	0.378	A	2	1142	0.672	B	1421	0.836	D
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	804	0.473	A	603	0.355	A	2	832	0.489	A	1377	0.810	D	2	791	0.465	A	489	0.288	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2176	0.837	D	380	0.146	A	2	477	0.183	A	1394	0.536	A	2	788	0.303	A	522	0.201	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2005 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION), WEEKEND																							
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour								
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB		
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS
1	Interstate 405 n/o Venice Blvd. HOV	2,000	5	7810	0.781	D	7812	0.791	D	5	8739	0.874	D	7179	0.718	C	5	9526	0.953	E	9057	0.906	D
		2,000	1	1358	0.679	C	1743	0.872	D	1	1910	0.955	E	1584	0.792	D	1	2026	1.013	F(0)	2500	1.250	F(0)
2	Interstate 405 n/o La Tijera Blvd. HOV	2,000	4	7388	0.924	D	8471	1.059	F(0)	4	8549	1.069	F(0)	7985	0.998	E	4	8979	1.122	F(0)	7709	0.964	E
		2,000	1	1854	0.927	D	1734	0.867	D	1	2338	1.169	F(0)	1889	0.945	E	1	2185	1.093	F(0)	2288	1.144	F(0)
3	Interstate 405 s/o Rosecrans Ave. HOV	2,000	4	8680	1.085	F(0)	6987	0.873	D	4	7623	0.953	E	9387	1.173	F(0)	4	8853	1.119	F(0)	8352	1.044	F(0)
		2,000	1	2036	1.018	F(0)	1096	0.548	B	1	1780	0.890	D	1828	0.914	D	1	2181	1.091	F(0)	1732	0.866	D
4	Interstate 105 s/o Crenshaw Blvd. HOV	2,000	4	6015	0.752	C	7871	0.984	E	4	7095	0.887	D	7087	0.886	D	4	4291	0.536	B	4733	0.592	C
		2,000	1	1177	0.589	C	1919	0.960	E	1	2192	1.096	F(0)	1495	0.748	C	1	1911	0.956	E	2221	1.111	F(0)

Los Angeles International Airport Master Plan  
2005 PHASE 3F NO ACTION/NO LEVEL OF SERVICE ALTERNATIVE (WITH FINAL MITIGATION)  
WEEKDAY PEAK HOUR LEVEL OF SERVICE FOR FREEWAY RAMP

No.	Freeway Ramps		Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
					Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp	at Sepulveda Blvd.	1,500	1	714	0.476	B	723	0.482	B	1155	0.770	C
2	405 SB off-ramp	at Howard Hughes Pkwy.	1,500	2	600	0.200	A	767	0.256	A	792	0.264	A
3	405 SB on-ramp	at Howard Hughes Pkwy.	1,500	1	296	0.197	A	853	0.569	C	629	0.419	B
4	405 NB off-ramp	at Howard Hughes Pkwy.	1,500	1	280	0.187	A	272	0.181	A	304	0.203	A
5	405 NB on-ramp	at Howard Hughes Pkwy.	1,500	1	937	0.625	C	722	0.481	B	529	0.353	A
6	405 SB off-ramp	at La Tijera Blvd.	1,500	1	518	0.345	A	714	0.476	B	596	0.397	B
7	405 SB on-ramp	at La Tijera Blvd.	1,500	1	756	0.504	B	762	0.508	B	327	0.218	A
8	405 NB off-ramp	at La Tijera Blvd.	1,500	1	785	0.523	B	849	0.566	C	445	0.297	A
9	405 NB on-ramp	at La Tijera Blvd.	1,500	1	685	0.457	B	622	0.415	B	478	0.319	A
10	405 NB on-ramp	at Manchester Blvd. East	1,500	1	477	0.318	A	733	0.489	B	381	0.254	A
11	405 NB on-ramp	at Manchester Blvd. West	1,500	1	449	0.299	A	477	0.318	A	654	0.436	B
12	405 NB off-ramp	at Manchester Blvd.	1,500	1	1413	0.942	E	943	0.629	C	1179	0.786	D
13	405 SB on-ramp	at Manchester Blvd.	1,500	1	940	0.627	C	1288	0.859	D	883	0.589	C
14	405 SB off-ramp	at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	1106	0.737	C	973	0.649	C	1237	0.825	D
15	405 SB on-ramp	at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	345	0.230	A	523	0.349	A	474	0.316	A
16	405 SB off-ramp	at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	354	0.236	A	441	0.294	A	292	0.195	A
17	405 SB on-ramp	at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	606	0.404	B	923	0.615	C	751	0.501	B
18	405 NB off-ramp	at Century Blvd.	1,500	1	1429	0.953	E	797	0.531	B	673	0.449	B
19	405 NB on-ramp	at Century Blvd. EB	1,500	1	365	0.243	A	697	0.465	B	266	0.177	A
20	405 NB on-ramp	at Century Blvd. WB	1,500	1	608	0.405	B	438	0.292	A	466	0.311	A
21	405 SB off-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	356	0.237	A	153	0.102	A	304	0.203	A
22	405 SB on-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	142	0.095	A	190	0.127	A	274	0.183	A
23	405 SB off-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	202	0.135	A	277	0.185	A	378	0.252	A
24	405 SB on-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	12	0.008	A
25	405 SB off-ramp	El Segundo Blvd.	1,500	1	647	0.431	B	223	0.149	A	294	0.196	A
26	405 SB on-ramp	El Segundo Blvd.	1,500	1	364	0.243	A	1576	1.051	F(0)	455	0.303	A
27	405 NB off-ramp	El Segundo Blvd.	1,500	1	975	0.650	C	754	0.503	B	557	0.371	B
28	405 NB on-ramp	El Segundo Blvd. EB	1,500	1	231	0.154	A	645	0.430	B	317	0.211	A
29	405 NB on-ramp	El Segundo Blvd. WB	1,500	1	368	0.245	A	302	0.201	A	446	0.297	A
30	105 EB on-ramp	Sepulveda Blvd. SB	1,500	2	1475	0.492	B	2533	0.844	D	1713	0.571	C
31	105 EB on-ramp	Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1113	0.247	A	1836	0.408	B	1367	0.304	A
32	105 WB off-ramp	Sepulveda Blvd. NB	1,500	2	3011	1.004	E	2363	0.788	D	2608	0.869	D
33	105 WB off-ramp	Sepulveda Blvd. SB	1,500	1	829	0.553	C	516	0.344	A	937	0.625	C
34	105 EB on-ramp	Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	877	0.585	C	976	0.651	C	930	0.620	C
35	105 WB off-ramp	Nash St.	1,500	1	1793	1.195	F(0)	308	0.205	A	843	0.562	C
36	105 EB on-ramp	Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	846	0.564	C	941	0.627	C	861	0.574	C
37	105 EB on-ramp	Hawthorne Blvd. SB	1,500	1	338	0.225	A	345	0.230	A	323	0.215	A
38	105 WB off-ramp	Hawthorne Blvd.	1,500	1	975	0.650	C	1180	0.787	D	641	0.427	B
39	105 EB On-ramp	Atwood Wy (Bet Nash/Douglas)	1,500	1	198	0.132	A	770	0.513	B	579	0.386	B

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.726	C
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.577	A
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.742	C
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.483	A
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.689	B
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.486	A
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.751	C
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.145	F
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	0.881	D
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.018	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	1.124	F
13	AVIATION BLVD & MANCHESTER AV	14	AM	0.933	E
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.265	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	0.913	E
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.065	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	1.055	F
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.469	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.475	A
20	VISTA DEL MAR & CULVER BLVD	33	AM	0.273	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.283	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.045	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.643	B
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.797	C
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.884	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.783	C
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.808	D
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.295	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.527	A
30	MAIN ST & IMPERIAL HWY	47	AM	0.869	D
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.173	F
32	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.870	D
34	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.586	A
35	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.691	B
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.759	C
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.492	A
38	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.880	D

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	AM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.331	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.207	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.336	A
43	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.716	C
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.902	E
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.741	C
46	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.751	C
47	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.580	A
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.456	F
49	LINCOLN BLVD & 83RD ST	87	AM	0.989	E
50	LINCOLN BLVD & MANCHESTER AV	88	AM	0.851	D
51	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	AM	0.590	A
53	PERSHING DR & MANCHESTER AV	98	AM	0.369	A
54	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.080	F
55	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.786	C
56	PERSHING DR & WESTCHESTER PKWY	101	AM	0.387	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.564	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.108	F
59	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.854	D
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.806	D
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.589	A
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.751	C
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.752	C
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.594	A
65	LA CIENEGA BLVD & 120TH ST	313	AM	0.233	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.667	B
2	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.661	B
3	AIRPORT BLVD & CENTURY BLVD	4	PM	0.660	B
4	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.529	A
5	AIRPORT BLVD & MANCHESTER AV	6	PM	0.640	B
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.657	B
7	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.798	C
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.879	D
9	AVIATION BLVD & 111TH ST	10	PM		
10	AVIATION BLVD & CENTURY BLVD	11	PM	1.143	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.009	F
12	AVIATION BLVD & IMPERIAL HWY	13	PM	1.446	F
13	AVIATION BLVD & MANCHESTER AV	14	PM	0.790	C
14	AVIATION BLVD & ROSECRANS AV	15	PM	1.491	F
15	CENTINELA AV & JEFFERSON BLVD	18	PM	1.042	F
16	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.959	E
17	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.924	E
18	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.520	A
19	CULVER BLVD & JEFFERSON BLVD	28	PM	0.772	C
20	VISTA DEL MAR & CULVER BLVD	33	PM	0.347	A
21	DOUGLAS ST & IMPERIAL HWY	34	PM	0.379	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.100	F
23	VISTA DEL MAR & GRAND AV	36	PM	0.487	A
24	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.030	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.810	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.783	C
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.714	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.274	A
29	MAIN ST & IMPERIAL HWY	47	PM	0.601	B
30	MAIN ST & IMPERIAL HWY	47	PM	0.609	B
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.572	A
32	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.425	F
34	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.542	A
35	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.551	A
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.897	D
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.672	B
38	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.080	F

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	PM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.419	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.239	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.350	A
43	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.771	C
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.962	E
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.868	D
46	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.996	E
47	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.631	B
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.323	F
49	LINCOLN BLVD & 83RD ST	87	PM	1.229	F
50	LINCOLN BLVD & MANCHESTER AV	88	PM	1.284	F
51	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	PM	0.588	A
53	PERSHING DR & MANCHESTER AV	98	PM	0.843	D
54	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.019	F
55	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.260	F
56	PERSHING DR & WESTCHESTER PKWY	101	PM	0.343	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.713	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.919	E
59	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.658	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.741	C
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.602	B
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.622	B
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.649	B
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.622	B
65	LA CIENEGA BLVD & 120TH ST	313	PM	0.417	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.715	C
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.770	C
3	AIRPORT BLVD & CENTURY BLVD	4	AM	1.033	F
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.673	B
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.929	E
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.618	B
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.676	B
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.877	D
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.145	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.073	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	1.411	F
13	AVIATION BLVD & MANCHESTER AV	14	AM	1.376	F
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.380	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.030	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.807	D
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.629	B
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.177	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.506	A
20	CULVER BLVD & VISTA DEL MAR	33	AM	0.291	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.405	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.034	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.554	A
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.479	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.846	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.650	B
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.789	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.658	B
29	MAIN ST & IMPERIAL HWY	47	AM	0.525	A
30	MAIN ST & IMPERIAL HWY	47	AM	0.711	C
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.416	A
32	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.742	C
34	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.488	A
35	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.577	A
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.648	B
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.414	A
38	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.789	C

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	AM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.439	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.233	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.629	B
43	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.151	F
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.597	A
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.390	A
46	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.929	E
47	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.544	A
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.550	A
49	LINCOLN BLVD & 83RD ST	87	AM	1.379	F
50	LINCOLN BLVD & MANCHESTER AV	88	AM	0.975	E
51	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	AM	0.403	A
53	PERSHING DR & MANCHESTER AV	98	AM	0.238	A
54	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.817	D
55	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.404	F
56	PERSHING DR & WESTCHESTER PKWY	101	AM	0.426	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.829	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.902	E
59	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.688	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.431	A
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.305	A
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.873	D
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.403	A
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.455	A
65	LA CIENEGA BLVD & 120TH ST	313	AM	0.468	A

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE A (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Vonica Boulevard**	1070	2	1539	0.719	C	1719	0.803	C	2	1863	0.871	D	1769	0.827	D	2	1473	0.688	B	1533	0.716	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1596	0.877	D	1076	0.592	A	2	1361	0.748	C	1457	0.801	C	2	1171	0.644	B	1352	0.743	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	800	0.440	A	918	0.505	A	2	775	0.426	A	1108	0.609	B	2	820	0.451	A	1158	0.637	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1566	0.861	D	1149	0.632	B	2	1568	0.862	D	1499	0.824	D	2	1576	0.866	D	1572	0.864	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	795	0.874	D	803	0.883	D	1	772	0.849	D	1030	1.132	F	1	735	0.808	D	856	0.941	E
6	Stocker Street	e/o La Brea Avenue	850	2	764	0.449	A	888	0.405	A	2	887	0.522	A	687	0.404	A	2	833	0.480	A	846	0.498	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	1007	0.395	A	1737	0.681	B	3	1530	0.600	A	1200	0.471	A	3	947	0.371	A	892	0.350	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	629	0.370	A	1484	0.873	D	2	1109	0.652	B	1964	1.155	F	2	1161	0.683	B	885	0.521	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3064	0.552	A	2823	0.509	A	3	3373	0.608	B	3069	0.553	A	3	2082	0.377	A	2220	0.400	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1215	0.478	A	847	0.498	A	2*	988	0.581	A	1503	0.588	A	2	776	0.456	A	896	0.527	A
11	Arbor Vitae Street	w/o La Brea Avenue	850	2	590	0.347	A	445	0.262	A	2	702	0.413	A	848	0.499	A	2	953	0.561	A	621	0.365	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1159	0.455	A	1217	0.477	A	3	1594	0.625	B	1140	0.447	A	3	1067	0.418	A	992	0.388	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	501	0.295	A	803	0.315	A	3	1286	0.504	A	702	0.275	A	2	750	0.441	A	915	0.538	A
14	Aviation Boulevard	n/o Roscamans Avenue	1300	3	2297	0.589	A	1142	0.293	A	3	1485	0.381	A	2462	0.631	B	3	1458	0.374	A	1141	0.293	A
15	Sepulveda Boulevard	n/o Roscamans Avenue	1300	4	4476	0.861	D	1486	0.286	A	4	2381	0.458	A	4086	0.786	C	4	2561	0.493	A	2557	0.492	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	386	0.212	A	770	0.423	A	2	524	0.288	A	703	0.386	A	2	684	0.376	A	833	0.458	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1133	0.623	B	762	0.419	A	2	1032	0.567	A	755	0.415	A	2	581	0.319	A	901	0.485	A
18	Marina Freeway	e/o Lincoln Boulevard**	2140	2	1075	0.251	A	1046	0.244	A	2	1383	0.323	A	1176	0.275	A	2	1437	0.336	A	1259	0.294	A
19	Culver Boulevard	e/o Lincoln Boulevard	1850	2	1273	0.344	A	368	0.099	A	2	1008	0.272	A	1443	0.390	A	2	1309	0.354	A	1296	0.350	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	1648	0.453	A	996	0.365	A	4*	1584	0.430	A	2235	0.819	D	4*	584	0.163	A	1018	0.373	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3292	0.769	C	1637	0.382	A	4	3612	0.844	D	2790	0.652	B	4	2552	0.596	A	2483	0.580	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1015	0.365	A	724	0.260	A	2	1093	0.393	A	864	0.318	A	2	924	0.332	A	1145	0.412	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	323	0.116	A	291	0.105	A	2	605	0.218	A	864	0.318	A	2	589	0.212	A	610	0.219	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1240	0.620	B	765	0.383	A	2	1135	0.568	A	1184	0.582	A	2	960	0.480	A	1082	0.541	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	631	0.371	A	1094	0.644	B	2	776	0.456	A	738	0.434	A	2	203	0.119	A	1020	0.600	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2493	0.831	D	968	0.323	A	3	1762	0.587	A	2184	0.728	C	3	1270	0.423	A	1212	0.404	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	796	0.312	A	1612	0.632	B	3	1413	0.554	A	1268	0.497	A	3	1070	0.420	A	1530	0.600	A
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	521	0.204	A	1263	0.495	A	3	1891	0.742	C	991	0.389	A	2	1161	0.683	B	1436	0.845	D
29	Inglewood Avenue	n/o Roscamans Avenue	850	2	759	0.446	A	583	0.343	A	2	843	0.496	A	1371	0.806	D	2	807	0.475	A	501	0.295	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1697	0.653	B	389	0.150	A	2	526	0.202	A	1327	0.510	A	2	773	0.297	A	546	0.210	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.  
Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSC, the capacities of these links have been increased by 7 percent to reflect ATSC.

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE A (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2000 PHASE II: AIRPORT PEAK HOUR																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	8973	0.897	D	9524	0.952	E	5	10526	1.053	F(0)	9005	0.901	D	5	11303	1.130	F(0)	10874	1.087	F(0)
			2,000	1	1384	0.692	C	1579	0.790	D	1	1696	0.848	D	1463	0.732	C	1	1687	0.844	D	2245	1.123	F(0)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	8255	1.032	F(0)	9736	1.217	F(0)	4	9903	1.238	F(0)	9171	1.146	F(0)	4	10216	1.277	F(1)	9178	1.147	F(0)
			2,000	1	1776	0.888	D	1710	0.855	D	1	2064	1.032	F(0)	1745	0.873	D	1	1935	0.968	E	2161	1.081	F(0)
3	Interstate 405	s/o Rossmore Ave. HOV	2,000	4	8633	1.079	F(0)	7510	0.939	D	4	7782	0.973	E	9395	1.174	F(0)	4	9189	1.148	F(0)	8629	1.079	F(0)
			2,000	1	2027	1.014	F(0)	1145	0.573	C	1	1842	0.921	D	1877	0.939	D	1	2139	1.070	F(0)	1850	0.925	D
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	4	6279	0.785	D	7757	0.970	E	4	7074	0.884	D	6806	0.851	D	4	4411	0.551	C	4793	0.599	C
			2,000	1	1238	0.619	C	1930	0.965	E	1	2219	1.110	F(0)	1707	0.854	D	1	1962	0.981	E	2269	1.135	F(0)

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE A (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMPs

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	718	0.479	B	687	0.458	B	1121	0.747	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	651	0.217	A	779	0.260	A	802	0.267	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	244	0.163	A	683	0.455	B	598	0.399	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	274	0.183	A	252	0.168	A	280	0.187	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1358	0.905	D	904	0.603	C	617	0.411	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	544	0.363	B	738	0.492	B	597	0.398	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	685	0.457	B	743	0.495	B	350	0.233	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	804	0.536	B	861	0.574	C	418	0.279	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	706	0.471	B	673	0.449	B	495	0.330	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	552	0.368	B	826	0.551	C	587	0.391	B
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	489	0.326	A	511	0.341	A	740	0.493	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1345	0.897	D	898	0.599	C	1125	0.750	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	767	0.511	B	1159	0.773	C	665	0.443	B
14	405 SB off-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	1164	0.776	C	1107	0.738	C	1553	1.035	F(0)
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	356	0.237	A	412	0.275	A	466	0.311	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	303	0.202	A	248	0.165	A	120	0.080	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	490	0.327	A	738	0.492	B	526	0.351	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1389	0.926	D	786	0.524	B	564	0.376	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	449	0.299	A	1070	0.713	C	539	0.359	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	720	0.480	B	483	0.322	A	582	0.388	B
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	398	0.265	A	189	0.126	A	338	0.225	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	40	0.027	A	182	0.121	A	195	0.130	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	221	0.147	A	288	0.192	A	393	0.262	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	3	0.002	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	550	0.367	B	153	0.102	A	235	0.157	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	290	0.193	A	1400	0.933	D	486	0.324	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	781	0.521	B	643	0.429	B	599	0.399	B
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	268	0.179	A	659	0.439	B	320	0.213	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	379	0.253	A	322	0.215	A	477	0.318	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1337	0.446	B	1944	0.648	C	1393	0.464	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1949	0.433	B	2997	0.666	C	2307	0.513	B
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2375	0.792	D	1994	0.665	C	2385	0.795	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	708	0.472	B	468	0.312	A	643	0.429	B
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	822	0.548	B	906	0.604	C	830	0.553	C
35	105 WB off-ramp Nash St.	1,500	1	1604	1.069	F(0)	285	0.190	A	736	0.491	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	847	0.565	C	889	0.593	C	812	0.541	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	308	0.205	A	349	0.233	A	221	0.147	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	923	0.615	C	1137	0.758	C	590	0.393	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	120	0.080	A	673	0.449	B	554	0.369	B

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.737	C
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.417	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.436	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.649	B
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.831	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.271	F
7	AVIATION BLVD & 111TH ST	10	AM		
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.985	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.011	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.314	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	0.559	A
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.248	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.872	D
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.039	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.923	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.389	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.525	A
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.312	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.276	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.033	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.629	B
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.732	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.888	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.765	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.862	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.295	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.675	B
28	MAIN ST & IMPERIAL HWY	47	AM	0.514	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.196	F
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.243	F
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.541	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.782	C
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.769	C
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.490	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.909	E
37	LA CIENEGA BLVD & 111TH ST	67	AM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.344	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.230	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.259	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.681	B
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.924	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.759	C
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.559	A
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.561	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.425	F
47	LINCOLN BLVD & 83RD ST	87	AM	1.028	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	0.828	D
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.560	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.546	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.043	F
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.819	D
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.230	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.545	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.048	F
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.817	D
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.836	D
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.906	E
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.827	D
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.720	C
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.613	B
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.263	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.619	B
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.550	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.422	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.589	A
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.835	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.853	D
7	AVIATION BLVD & 111TH ST	10	PM		
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.230	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.010	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.516	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.667	B
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.473	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.037	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.937	E
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.935	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.567	A
17	CULVER BLVD & JEFFERSON BLVD	28	PM	0.835	D
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.375	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.344	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.122	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.479	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	0.999	E
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.792	C
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.757	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.719	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.289	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.514	A
28	MAIN ST & IMPERIAL HWY	47	PM	0.605	B
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.542	A
30	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.653	F
32	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.419	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.609	B
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.879	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.663	B
36	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.062	F
37	LA CIENEGA BLVD & 111TH ST	67	PM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.593	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.208	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.152	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.799	C
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.952	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.858	D
44	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.694	B
45	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.721	C
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.363	F
47	LINCOLN BLVD & 83RD ST	87	PM	1.243	F
48	LINCOLN BLVD & MANCHESTER AV	88	PM	1.330	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	PM	0.569	A
51	PERSHING DR & MANCHESTER AV	98	PM	0.771	C
52	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.929	E
53	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.319	F
54	PERSHING DR & WESTCHESTER PKWY	101	PM	0.191	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.685	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.811	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.649	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.851	D
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.833	D
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.664	B
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.661	B
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.608	B
63	LA CIENEGA BLVD & 120TH ST	313	PM	0.407	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.757	C
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.659	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.627	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.801	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.977	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.141	F
7	AVIATION BLVD & 111TH ST	10	AM		
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.526	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.086	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.487	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.090	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.430	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.018	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.789	C
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.733	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.164	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.516	A
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.281	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.449	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.040	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.586	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.473	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.850	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.634	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.787	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.657	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.430	A
28	MAIN ST & IMPERIAL HWY	47	AM	0.495	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.401	A
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.835	D
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.378	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.569	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.631	B
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.408	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.804	D
37	LA CIENEGA BLVD & 111TH ST	67	AM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.665	B

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.270	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.407	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.052	F
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.553	A
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.389	A
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.778	C
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.627	B
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.542	A
47	LINCOLN BLVD & 83RD ST	87	AM	1.374	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	1.005	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.405	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.157	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.815	D
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.430	F
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.218	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.839	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.000	E
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.663	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.576	A
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.516	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.985	E
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.421	A
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.452	A
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.475	A

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE B (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour									PM Peak Hour						Airport Peak Hour						
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1555	0.727	C	1714	0.801	C	2	1860	0.889	D	1764	0.824	D	2	1461	0.683	B	1538	0.719	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1600	0.880	D	1074	0.590	A	2	1379	0.758	C	1480	0.814	D	2	1174	0.645	B	1340	0.737	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	809	0.445	A	937	0.515	A	2	790	0.434	A	1121	0.616	B	2	810	0.445	A	1174	0.645	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1563	0.859	D	1135	0.624	B	2	1543	0.848	D	1483	0.815	D	2	1568	0.862	D	1548	0.891	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	798	0.877	D	799	0.879	D	1	747	0.821	D	1022	1.124	F	1	752	0.827	D	834	0.917	E
6	Stocker Street	s/o La Brea Avenue	850	2	756	0.445	A	677	0.398	A	2	882	0.519	A	689	0.405	A	2	836	0.492	A	842	0.495	A
7	Slauson Avenue	s/o La Brea Avenue	850	3	1031	0.404	A	1723	0.676	B	3	1557	0.611	B	1212	0.475	A	3	933	0.366	A	884	0.347	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	648	0.380	A	1476	0.868	D	2	1104	0.849	B	1954	1.149	F	2	1174	0.891	B	870	0.512	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3030	0.546	A	2810	0.506	A	3	3361	0.606	B	3047	0.549	A	3	2062	0.372	A	2238	0.403	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1242	0.487	A	855	0.503	A	2*	958	0.564	A	1506	0.591	A	2	760	0.447	A	890	0.524	A
11	Arbor Vitae Street	w/o La Brea Avenue	850	2	502	0.295	A	478	0.281	A	2	677	0.398	A	789	0.464	A	2	912	0.536	A	657	0.386	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1220	0.478	A	1214	0.476	A	3	1565	0.614	B	1095	0.429	A	3	976	0.383	A	964	0.378	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	499	0.294	A	762	0.299	A	3	1297	0.509	A	666	0.261	A	2	739	0.435	A	936	0.551	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2283	0.585	A	1130	0.290	A	3	1508	0.387	A	2424	0.622	B	3	1495	0.383	A	1167	0.299	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4423	0.851	D	1495	0.288	A	4	2387	0.459	A	4113	0.791	C	4	2562	0.493	A	2556	0.492	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	403	0.222	A	738	0.406	A	2	488	0.268	A	714	0.393	A	2	663	0.364	A	810	0.445	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1126	0.619	B	755	0.415	A	2	1019	0.560	A	752	0.413	A	2	581	0.319	A	904	0.497	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1101	0.257	A	1033	0.241	A	2	1351	0.316	A	1187	0.277	A	2	1428	0.334	A	1253	0.293	A
19	Culver Boulevard	e/o Lincoln Boulevard	1850	2	1373	0.371	A	401	0.108	A	2	1033	0.279	A	1590	0.430	A	2	1371	0.371	A	1324	0.358	A
20	Jefferson Avenue	e/o Lincoln Boulevard	910	4*	1667	0.458	A	991	0.363	A	4*	1563	0.430	A	2146	0.787	C	4*	561	0.154	A	1032	0.378	A
21	Lincoln Boulevard	s/o Jefferson Boulevard	1070	4	3323	0.776	C	1598	0.373	A	4	3624	0.647	D	2770	0.647	B	4	2562	0.589	A	2503	0.585	A
22	Culver Boulevard	w/o Jefferson Boulevard	1391	2	1225	0.440	A	718	0.258	A	2	1157	0.416	A	2006	0.721	C	2	939	0.338	A	1142	0.410	A
23	Vista Del Mar	s/o Culver Boulevard	1391	2	412	0.148	A	307	0.110	A	2	623	0.224	A	993	0.357	A	2	586	0.211	A	569	0.205	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1252	0.626	B	764	0.382	A	2	1155	0.578	A	1212	0.606	B	2	948	0.474	A	1078	0.539	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	628	0.369	A	1095	0.644	B	2	775	0.456	A	717	0.422	A	2	1215	0.126	A	1007	0.592	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2481	0.827	D	959	0.320	A	3	1708	0.569	A	2140	0.713	C	3	1271	0.424	A	1203	0.401	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	838	0.329	A	1556	0.610	B	3	1385	0.543	A	1235	0.484	A	3	1079	0.423	A	1487	0.583	A
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	518	0.203	A	1250	0.490	A	3	1902	0.746	C	993	0.389	A	2	1185	0.685	B	1444	0.849	D
29	Inglewood Avenue	n/o Rosecrans Avenue	850	2	739	0.435	A	583	0.343	A	2	818	0.481	A	1378	0.811	D	2	829	0.488	A	489	0.288	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1642	0.632	B	386	0.148	A	2	515	0.198	A	1288	0.496	A	2	766	0.295	A	549	0.211	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of those links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE B (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour									PM Peak Hour									Airport Peak Hour								
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB								
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS						
1	Interstate 405 n/o Venice Blvd. HOV	2,000	5	8969	0.897	D	9493	0.949	E	5	10482	1.048	F(0)	8954	0.895	D	5	11238	1.124	F(0)	10850	1.085	F(0)						
		2,000	1	1388	0.694	C	1593	0.797	D	1	1713	0.857	D	1492	0.745	C	1	1666	0.833	D	2301	1.151	F(0)						
2	Interstate 405 n/o La Tijera Blvd. HOV	2,000	4	8237	1.030	F(0)	9836	1.230	F(0)	4	9902	1.238	F(0)	9081	1.133	F(0)	4	9984	1.248	F(0)	9273	1.159	F(0)						
		2,000	1	1754	0.877	D	1700	0.850	D	1	2061	1.031	F(0)	1742	0.871	D	1	1977	0.989	E	2189	1.095	F(0)						
3	Interstate 405 s/o Rosecrans Ave. HOV	2,000	4	8602	1.075	F(0)	7485	0.936	D	4	7789	0.974	E	9377	1.172	F(0)	4	9114	1.139	F(0)	8588	1.074	F(0)						
		2,000	1	2027	1.014	F(0)	1153	0.577	C	1	1840	0.920	D	1855	0.928	D	1	2228	1.114	F(0)	1823	0.912	D						
4	Interstate 105 e/o Crenshaw Blvd. HOV	2,000	4	6296	0.787	D	7736	0.967	E	4	7048	0.881	D	6836	0.855	D	4	4413	0.552	C	4854	0.607	C						
		2,000	1	1271	0.636	C	1937	0.969	E	1	2226	1.113	F(0)	1783	0.892	D	1	1954	0.977	E	2277	1.139	F(0)						

Los Angeles International Airport Master Plan  
2005 PHASE 3F ALTERNATIVE B WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMPS

No.	Freeway/Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	703	0.469	B	674	0.449	B	1132	0.755	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	625	0.208	A	779	0.260	A	723	0.241	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	241	0.161	A	688	0.459	B	593	0.395	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	266	0.177	A	259	0.173	A	277	0.185	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1233	0.822	D	870	0.580	C	627	0.418	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	549	0.366	B	732	0.488	B	559	0.373	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	698	0.465	B	747	0.498	B	363	0.242	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	804	0.536	B	882	0.588	C	410	0.273	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	761	0.507	B	617	0.411	B	460	0.307	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	531	0.354	A	717	0.478	B	583	0.389	B
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	478	0.319	A	582	0.388	B	714	0.476	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1357	0.905	D	898	0.599	C	1136	0.757	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	766	0.511	B	1133	0.755	C	685	0.457	B
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	1173	0.782	D	1051	0.701	C	1624	1.083	F(0)
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	272	0.181	A	332	0.221	A	380	0.253	A
16	405 SB off-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	517	0.345	A	402	0.268	A	413	0.275	A
17	405 SB on-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	426	0.284	A	714	0.476	B	622	0.415	B
18	405 NB off-ramp at Century Blvd.	1,500	1	1340	0.893	D	747	0.498	B	591	0.394	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	702	0.468	B	1369	0.913	D	642	0.428	B
20	405 NB on-ramp at Century Blvd. WB	1,500	1	629	0.419	B	444	0.296	A	563	0.375	B
21	405 SB off-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	344	0.229	A	161	0.107	A	337	0.225	A
22	405 SB on-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	40	0.027	A	112	0.075	A	128	0.085	A
23	405 SB off-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	231	0.154	A	280	0.187	A	396	0.264	A
24	405 SB on-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	80	0.053	A	299	0.199	A	25	0.017	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	510	0.340	A	113	0.075	A	231	0.154	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	284	0.189	A	1474	0.983	E	497	0.331	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	834	0.556	C	693	0.462	B	553	0.369	B
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	258	0.172	A	688	0.459	B	323	0.215	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	374	0.249	A	321	0.214	A	469	0.313	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1338	0.446	B	1874	0.625	C	1394	0.465	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2314	0.514	B	3125	0.694	C	2615	0.581	C
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2189	0.730	C	1768	0.589	C	2525	0.842	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	663	0.442	B	377	0.251	A	675	0.450	B
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	751	0.501	B	891	0.594	C	828	0.552	C
35	105 WB off-ramp Nash St.	1,500	1	1581	1.054	F(0)	269	0.179	A	791	0.527	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	839	0.559	C	899	0.599	C	808	0.539	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	287	0.191	A	346	0.231	A	222	0.148	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	934	0.623	C	1129	0.753	C	599	0.399	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	111	0.074	A	676	0.451	B	544	0.363	B

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.693	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.419	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.461	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.521	A
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.641	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.451	F
7	AVIATION BLVD & 111TH ST	10	AM	0.527	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.497	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	0.980	E
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.904	E
11	AVIATION BLVD & MANCHESTER AV	14	AM	0.618	B
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.219	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.888	D
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.023	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.868	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.399	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.641	B
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.334	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.299	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.016	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.905	E
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.740	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.021	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.769	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.786	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.293	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.639	B
28	MAIN ST & IMPERIAL HWY	47	AM	0.580	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.223	F
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.155	F
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.108	F
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.566	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.764	C
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.494	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.954	E
37	LA CIENEGA BLVD & 111TH ST	67	AM	0.399	A
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.325	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.241	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.216	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.673	B
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.905	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.772	C
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.614	B
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.542	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.409	F
47	LINCOLN BLVD & 83RD ST	87	AM	1.068	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	0.714	C
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.564	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.538	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.024	F
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.791	C
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.033	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.543	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.021	F
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.823	D
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.843	D
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.898	D
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.807	D
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.736	C
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.606	B
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.239	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.662	B
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.597	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.466	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.588	A
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.779	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.959	E
7	AVIATION BLVD & 111TH ST	10	PM	0.611	B
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.043	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.029	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.352	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.778	C
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.489	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.162	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.978	E
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.843	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.581	A
17	CULVER BLVD & JEFFERSON BLVD	28	PM	0.885	D
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.449	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.375	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.133	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.665	B
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.048	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.842	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.757	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.679	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.277	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.752	C
28	MAIN ST & IMPERIAL HWY	47	PM	0.531	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.564	A
30	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.511	F
32	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.751	C
33	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.513	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.887	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.666	B
36	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.059	F
37	LA CIENEGA BLVD & 111TH ST	67	PM	0.502	A
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.405	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.214	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.210	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.731	C
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.947	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.831	D
44	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.771	C
45	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.667	B
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.347	F
47	LINCOLN BLVD & 83RD ST	87	PM	1.118	F
48	LINCOLN BLVD & MANCHESTER AV	88	PM	1.286	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	PM	0.536	A
51	PERSHING DR & MANCHESTER AV	98	PM	1.366	F
52	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.982	E
53	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.297	F
54	PERSHING DR & WESTCHESTER PKWY	101	PM	0.039	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.678	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.835	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.681	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.810	D
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.785	C
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.689	B
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.665	B
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.618	B
63	LA CIENEGA BLVD & 120TH ST	313	PM	0.433	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.645	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.547	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.614	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.759	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.694	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.215	F
7	AVIATION BLVD & 111TH ST	10	AM	0.795	C
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.525	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.039	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.123	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.211	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.385	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.014	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.785	C
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.686	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.229	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.565	A
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.339	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.444	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.992	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.707	C
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.468	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.848	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.635	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.728	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.675	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.591	A
28	MAIN ST & IMPERIAL HWY	47	AM	0.527	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.428	A
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.779	C
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.511	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.566	A
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.622	B
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.401	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.795	C
37	LA CIENEGA BLVD & 111TH ST	67	AM	0.661	B
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.491	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.355	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.506	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.015	F
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.556	A
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.373	A
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.836	D
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.546	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.545	A
47	LINCOLN BLVD & 83RD ST	87	AM	1.370	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	0.955	E
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.390	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.322	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.818	D
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.468	F
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.048	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.839	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.871	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.661	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.415	A
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.445	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.973	E
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.400	A
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.442	A
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.361	A

## Los Angeles International Airport Master Plan

## 2005 PHASE 3F ALTERNATIVE C (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1578	0.737	C	1731	0.809	D	2	1855	0.867	D	1786	0.839	D	2	1477	0.690	B	1523	0.712	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1612	0.886	D	1075	0.591	A	2	1343	0.738	C	1502	0.826	D	2	1182	0.650	B	1346	0.740	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	829	0.456	A	927	0.510	A	2	772	0.424	A	1144	0.629	B	2	805	0.443	A	1124	0.618	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1567	0.861	D	1126	0.619	B	2	1536	0.844	D	1514	0.832	D	2	1563	0.859	D	1562	0.859	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	816	0.897	D	803	0.883	D	1	738	0.811	D	1047	1.151	F	1	729	0.802	C	867	0.953	E
6	Stocker Street	e/o La Brea Avenue	850	2	767	0.451	A	671	0.395	A	2	881	0.518	A	719	0.423	A	2	829	0.488	A	835	0.491	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	1017	0.399	A	1733	0.680	B	3	1547	0.607	B	1219	0.478	A	3	942	0.369	A	888	0.348	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	639	0.376	A	1459	0.858	D	2	1108	0.652	B	1953	1.149	F	2	1165	0.685	B	874	0.514	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3039	0.548	A	2799	0.504	A	3	3328	0.600	A	3173	0.572	A	3	2069	0.373	A	2204	0.397	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1268	0.497	A	841	0.495	A	2*	948	0.558	A	1541	0.604	A	2	770	0.453	A	890	0.524	A
11	Arbor Vitae Street	w/o La Brea Avenue	850	2	548	0.322	A	473	0.278	A	2	682	0.389	A	877	0.516	A	2	946	0.556	A	842	0.378	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1168	0.458	A	1203	0.472	A	3	1547	0.607	B	1164	0.456	A	3	973	0.382	A	956	0.375	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	461	0.271	A	776	0.304	A	3	1269	0.498	A	684	0.268	A	2	747	0.439	A	981	0.577	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2257	0.579	A	1094	0.281	A	3	1538	0.394	A	2384	0.611	B	3	1472	0.377	A	1137	0.292	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4399	0.846	D	1463	0.281	A	4	2440	0.469	A	4058	0.780	C	4	2554	0.491	A	2576	0.495	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	427	0.235	A	740	0.407	A	2	489	0.269	A	731	0.402	A	2	662	0.364	A	811	0.446	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1134	0.623	B	756	0.416	A	2	1021	0.561	A	769	0.423	A	2	574	0.316	A	903	0.496	A
18	Marina Freeway	e/o Lincoln Boulevard**	2140	2	1070	0.250	A	1040	0.243	A	2	1381	0.323	A	1190	0.278	A	2	1438	0.336	A	1270	0.297	A
19	Culver Boulevard	e/o Lincoln Boulevard	1850	2	1565	0.423	A	381	0.103	A	2	1022	0.276	A	1717	0.464	A	2	1420	0.384	A	1303	0.352	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	1750	0.481	A	943	0.346	A	4*	1452	0.399	A	2215	0.812	D	4*	574	0.158	A	1125	0.412	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3349	0.782	C	1598	0.373	A	4	3438	0.803	C	2867	0.670	B	4	2480	0.579	A	2516	0.588	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1593	0.573	A	689	0.248	A	2	1099	0.395	A	2205	0.793	C	2	1011	0.363	A	1144	0.411	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	467	0.168	A	311	0.112	A	2	747	0.269	A	1035	0.372	A	2	691	0.248	A	843	0.231	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1240	0.620	B	770	0.385	A	2	1141	0.571	A	1191	0.596	A	2	957	0.479	A	1094	0.547	A
25	Jefferson Boulevard	n/o Rodao Road	850	2	617	0.363	A	1081	0.636	B	2	785	0.462	A	771	0.454	A	2	209	0.123	A	1010	0.594	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2481	0.827	D	952	0.317	A	3	1724	0.575	A	2210	0.737	C	3	1255	0.418	A	1177	0.392	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	761	0.298	A	1524	0.598	A	3	1351	0.530	A	1319	0.517	A	3	1062	0.416	A	1476	0.579	A
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	517	0.203	A	1268	0.497	A	3	1878	0.736	C	1015	0.398	A	2	1166	0.686	B	1429	0.841	D
29	Inglewood Avenue	n/o Rosecrans Avenue	850	2	738	0.434	A	575	0.338	A	2	879	0.517	A	1358	0.799	C	2	804	0.473	A	497	0.292	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1936	0.745	C	521	0.200	A	2	663	0.255	A	1398	0.538	A	2	795	0.306	A	614	0.236	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC; the capacities of these links have been increased by 7 percent to reflect ATSAC.

## Los Angeles International Airport Master Plan

## 2005 PHASE 3F ALTERNATIVE C (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

No.		Link Location		Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour								
					No. of Lanes	NB/EB			SB/AB			No. of Lanes	NB/EB			SB/AB			No. of Lanes	NB/EB			SB/AB		
						Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS
1	Interstate 405	n/o Venice Blvd.	2,000	5	9007	0.901	D	9476	0.948	E	5	10419	1.042	F(0)	9177	0.918	D	5	11236	1.124	F(0)	10826	1.083	F(0)	
		HOV	2,000	1	1383	0.692	C	1598	0.799	D	1	1751	0.881	D	1421	0.711	C	1	1724	0.862	D	2277	1.139	F(0)	
2	Interstate 405	n/o La Tijera Blvd.	2,000	4	8151	1.019	F(0)	9730	1.216	F(0)	4	9940	1.243	F(0)	9113	1.139	F(0)	4	10035	1.254	F(0)	9236	1.155	F(0)	
		HOV	2,000	1	1740	0.870	D	1897	0.849	D	1	2151	1.075	F(0)	1740	0.870	D	1	1969	0.985	E	2108	1.054	F(0)	
3	Interstate 405	s/o Rosecrans Ave.	2,000	4	8632	1.079	F(0)	7492	0.937	D	4	7889	0.986	E	9355	1.169	F(0)	4	9088	1.136	F(0)	8596	1.075	F(0)	
		HOV	2,000	1	2030	1.015	F(0)	1160	0.580	C	1	1869	0.935	D	1843	0.922	D	1	2202	1.101	F(0)	1824	0.912	D	
4	Interstate 105	e/o Crenshaw Blvd.	2,000	4	6298	0.787	D	7756	0.970	E	4	7027	0.878	D	7029	0.879	D	4	4421	0.553	C	4823	0.603	C	
		HOV	2,000	1	1265	0.633	C	1957	0.879	E	1	2219	1.110	F(0)	1828	0.914	D	1	1970	0.985	E	2258	1.129	F(0)	

Los Angeles International Airport Master Plan

**2005 PHASE 3F ALTERNATIVE C (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMPS**

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	696	0.464	B	738	0.492	B	1124	0.749	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	615	0.205	A	784	0.261	A	730	0.243	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	243	0.162	A	659	0.439	B	600	0.400	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	261	0.174	A	280	0.187	A	275	0.183	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1212	0.808	D	832	0.555	C	620	0.413	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	532	0.355	A	743	0.495	B	549	0.366	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	729	0.486	B	696	0.464	B	346	0.231	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	774	0.516	B	857	0.571	C	402	0.268	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	738	0.492	B	624	0.416	B	472	0.315	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	528	0.352	A	730	0.487	B	610	0.407	B
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	489	0.326	A	571	0.381	B	656	0.437	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1328	0.885	D	909	0.606	C	1150	0.767	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	779	0.519	B	1100	0.733	C	629	0.419	B
14	405 SB off-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	1173	0.782	D	1093	0.729	C	1569	1.046	F(0)
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	333	0.222	A	380	0.253	A	439	0.293	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	406	0.271	A	316	0.211	A	349	0.233	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	361	0.241	A	690	0.460	B	444	0.296	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1406	0.937	D	796	0.531	B	589	0.393	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	629	0.419	B	1292	0.861	D	539	0.359	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	661	0.441	B	453	0.302	A	539	0.359	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	365	0.243	A	168	0.112	A	324	0.216	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	164	0.109	A	182	0.121	A	279	0.186	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	230	0.153	A	290	0.193	A	399	0.266	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	7	0.005	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	486	0.324	A	104	0.069	A	245	0.163	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	280	0.187	A	1432	0.955	E	496	0.331	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	781	0.521	B	598	0.399	B	551	0.367	B
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	262	0.175	A	648	0.432	B	322	0.215	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	372	0.248	A	319	0.213	A	474	0.316	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1188	0.396	B	1793	0.598	C	1198	0.399	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2349	0.522	B	3240	0.720	C	2959	0.658	C
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2180	0.727	C	1846	0.615	C	2260	0.753	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	647	0.431	B	369	0.246	A	535	0.357	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	772	0.515	B	885	0.590	C	771	0.514	B
35	105 WB off-ramp Nash St.	1,500	1	1550	1.033	F(0)	270	0.180	A	680	0.453	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	839	0.559	C	902	0.601	C	802	0.535	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	274	0.183	A	350	0.233	A	216	0.144	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	921	0.614	C	1109	0.739	C	634	0.423	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	113	0.075	A	671	0.447	B	526	0.351	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.027	F
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.633	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.643	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.985	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.131	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.219	F
7	AVIATION BLVD & 111TH ST	10	AM		-
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.193	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.221	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.992	E
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.464	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.434	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.209	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.517	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.912	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.852	D
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.837	D
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.642	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.435	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.244	F
21	VISTA DEL MAR & GRAND AV	36	AM	1.111	F
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.910	E
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.286	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.764	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.672	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.359	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.876	D
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.174	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.548	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.874	D
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.018	F
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	1.046	F
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.893	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.517	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.416	F
36	LA CIENEGA BLVD & 111TH ST	67	AM		
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.401	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.217	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.458	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.795	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.861	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.784	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.577	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.766	C
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.942	E
46	LINCOLN BLVD & 83RD ST	87	AM	1.182	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	1.074	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.663	B
49	LINCOLN BLVD & TEALE ST	94	AM	0.529	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.532	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.103	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.889	D
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.454	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.882	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.414	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.801	D
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.879	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.727	C
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.831	D
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.766	C
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.433	A



## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	1.170	F
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.700	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.743	C
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.961	E
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.287	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.003	F
7	AVIATION BLVD & 111TH ST	10	PM		
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.143	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.160	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.096	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	1.136	F
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.747	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.371	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.340	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.936	E
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.891	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.360	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.506	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.740	C
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.349	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.571	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.195	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.996	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	1.038	F
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.820	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.337	A
27	MAIN ST & IMPERIAL HWY	47	PM	1.178	F
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.780	C
29	PERSHING DR & IMPERIAL HWY	49	PM	1.281	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.145	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.703	C
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.579	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.974	E
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.720	C
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.291	F
36	LA CIENEGA BLVD & 111TH ST	67	PM		
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.557	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.168	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.649	B
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.845	D
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.931	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.980	E
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.612	B
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.940	E
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.061	F
46	LINCOLN BLVD & 83RD ST	87	PM	1.894	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	2.202	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.671	B
49	LINCOLN BLVD & TEALE ST	94	PM	0.705	C
50	PERSHING DR & MANCHESTER AV	98	PM	0.806	D
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.148	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.145	F
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.437	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.753	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	1.115	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.723	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	1.031	F
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.585	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.693	B
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.764	C
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.468	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	1.317	F
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.726	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.771	C
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.997	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.051	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.997	E
7	AVIATION BLVD & 111TH ST	10	AM		
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.937	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.151	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.205	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.544	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.654	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.141	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.074	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.627	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.809	D
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.772	C
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.468	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.577	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.028	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.634	B
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.604	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.934	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.755	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.814	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.679	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.606	B
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.430	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.806	D
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.143	F
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.698	B
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.597	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.732	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.487	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.865	D
36	LA CIENEGA BLVD & 111TH ST	67	AM		
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.601	B
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.361	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.885	D
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.232	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.649	B
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.442	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.497	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.742	C
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.560	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.561	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	1.041	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.546	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.464	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.335	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.949	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.194	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.168	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.919	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.211	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.748	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.637	B
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.670	B
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.393	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.486	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.468	A

Los Angeles International Airport Master Plan

2015 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WR V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WR V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WR V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1600	0.748	C	1953	0.913	E	2	2083	0.973	E	1946	0.909	E	2	1624	0.759	C	1726	0.807	D
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1700	0.935	E	1221	0.671	B	2	1537	0.845	D	1636	0.899	D	2	1381	0.748	C	1604	0.882	D
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	1098	0.604	A	1086	0.597	A	2	931	0.512	A	1367	0.752	C	2	1107	0.609	B	1266	0.696	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1591	0.875	D	1326	0.729	C	2	1981	1.089	F	1705	0.937	E	2	1498	0.824	D	1793	0.986	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	796	0.875	D	889	0.977	E	1	823	0.905	D	1058	1.163	F	1	798	0.877	D	945	1.039	F
6	Stocker Street	e/o La Brea Avenue	850	2	879	0.517	A	947	0.557	A	2	1127	0.663	B	848	0.499	A	2	994	0.585	A	999	0.588	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	1141	0.447	A	1849	0.725	C	3	1706	0.669	B	1265	0.496	A	3	1013	0.397	A	966	0.379	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	839	0.494	A	1705	1.004	E	2	1287	0.757	C	2094	1.232	F	2	1323	0.778	C	1054	0.620	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3024	0.545	A	3321	0.598	A	3	3752	0.676	B	3308	0.596	A	3	2196	0.396	A	2346	0.423	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1398	0.548	A	1040	0.612	B	2*	1174	0.691	B	1573	0.617	B	2	800	0.471	A	907	0.534	A
11	Arbor Vitas	w/o La Brea Avenue	850	2	769	0.452	A	558	0.328	A	2	775	0.456	A	877	0.516	A	2	1100	0.647	B	864	0.391	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1272	0.499	A	1461	0.573	A	3	1769	0.694	B	1362	0.534	A	3	1355	0.531	A	1198	0.470	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	443	0.261	A	1169	0.458	A	3	1711	0.671	B	910	0.357	A	2	815	0.479	A	1177	0.692	B
14	Aviation Boulevard	n/o Roscamas Avenue	1300	3	2848	0.730	C	878	0.225	A	3	1787	0.458	A	3201	0.821	D	3	1654	0.424	A	1271	0.326	A
15	Sepulveda Boulevard	n/o Roscamas Avenue	1300	4	5371	1.033	F	1427	0.274	A	4	2447	0.471	A	4715	0.907	E	4	2790	0.537	A	2824	0.543	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	584	0.321	A	1070	0.588	A	2	646	0.355	A	931	0.512	A	2	837	0.460	A	1021	0.561	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1245	0.684	B	784	0.431	A	2	1136	0.625	B	887	0.488	A	2	609	0.335	A	885	0.487	A
18	Marina Freeway	e/o Lincoln Boulevard**	2140	2	1195	0.279	A	1252	0.293	A	2	1374	0.321	A	1304	0.305	A	2	1496	0.350	A	1360	0.318	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2292	0.619	B	105	0.028	A	2	1070	0.289	A	1392	0.376	A	2	1320	0.357	A	1590	0.430	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	2904	0.798	C	1351	0.485	A	4*	2234	0.614	B	2776	1.017	F	4*	1061	0.282	A	934	0.342	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3025	0.707	C	1728	0.404	A	4	4243	0.991	E	2858	0.668	B	4	2643	0.618	B	2791	0.652	B
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1947	0.700	B	965	0.347	A	2	1641	0.590	A	2407	0.865	D	2	1182	0.425	A	1338	0.481	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	1091	0.392	A	540	0.194	A	2	787	0.283	A	1295	0.465	A	2	925	0.332	A	802	0.288	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1372	0.686	B	1040	0.520	A	2	1339	0.670	B	1226	0.613	B	2	1044	0.522	A	1179	0.590	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	711	0.418	A	1501	0.883	D	2	990	0.582	A	907	0.534	A	2	279	0.164	A	1216	0.715	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2732	0.911	E	1273	0.424	A	3	2376	0.792	C	2470	0.823	D	3	1624	0.541	A	1501	0.500	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	1329	0.521	A	2612	1.024	F	3	2261	0.887	D	1978	0.776	C	3	1485	0.582	A	2109	0.827	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	468	0.184	A	1483	0.582	A	3	2209	0.866	D	1033	0.405	A	2	1195	0.703	B	1563	0.919	E
29	Inglewood Boulevard	n/o Roscamas Avenue	850	2	951	0.559	A	681	0.401	A	2	930	0.547	A	1485	0.874	D	2	922	0.542	A	579	0.341	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2359	0.807	E	402	0.155	A	2	569	0.219	A	1587	0.610	B	2	835	0.321	A	579	0.223	A

\* Manchester, w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC; the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2015 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2013 TRAFFIC AND TRANSPORTATION DATA																								
No.		Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour								
				No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	8530	0.853	D	8436	0.844	D	5	9863	0.986	E	7689	0.769	C	5	10455	1.046	F(0)	9752	0.975	E
			2,000	1	793	0.397	B	1611	0.806	D	1	1778	0.889	D	1557	0.779	C	1	1642	0.821	D	2585	1.298	F(1)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	8187	1.023	F(0)	10023	1.253	F(0)	4	9816	1.240	F(0)	9144	1.143	F(0)	4	9939	1.242	F(0)	8810	1.101	F(0)
			2,000	1	923	0.462	B	1532	0.766	C	1	1836	0.918	D	1519	0.760	C	1	1839	0.920	D	2314	1.157	F(0)
3	Interstate 405	s/o Rossmore Ave. HOV	2,000	4	9123	1.140	F(0)	7547	0.943	E	4	8453	1.057	F(0)	10048	1.256	F(0)	4	9742	1.218	F(0)	9203	1.150	F(0)
			2,000	1	1187	0.594	C	840	0.420	B	1	1247	0.624	C	1488	0.744	C	1	1625	0.813	D	1667	0.834	D
4	Interstate 105	e/o Crenshaw Blvd. HOV	2,000	4	6552	0.819	D	8558	1.070	F(0)	4	7762	0.970	E	7781	0.973	E	4	4664	0.583	C	5128	0.641	C
			2,000	1	735	0.368	B	1156	0.578	C	1	1556	0.778	C	1142	0.571	C	1	1412	0.706	C	1641	0.821	D

Los Angeles International Airport Master Plan  
2015 PHASE 3F NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR  
LEVELS OF SERVICE FOR FREEWAY RAMP

No.	Freeway Ramps		Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
					Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp	at Sepulveda Blvd.	1,500	1	767	0.511	B	866	0.577	C	1300	0.867	D
2	405 SB off-ramp	at Howard Hughes Pkwy.	1,500	2	812	0.271	A	820	0.273	A	844	0.281	A
3	405 SB on-ramp	at Howard Hughes Pkwy.	1,500	1	608	0.406	B	1054	0.703	C	727	0.485	B
4	405 NB off-ramp	at Howard Hughes Pkwy.	1,500	1	307	0.205	A	333	0.222	A	358	0.239	A
5	405 NB on-ramp	at Howard Hughes Pkwy.	1,500	1	991	0.661	C	790	0.527	B	556	0.371	B
6	405 SB off-ramp	at La Tijera Blvd.	1,500	1	580	0.387	B	728	0.485	B	627	0.418	B
7	405 SB on-ramp	at La Tijera Blvd.	1,500	1	882	0.441	B	906	0.604	C	403	0.269	A
8	405 NB off-ramp	at La Tijera Blvd.	1,500	1	644	0.429	B	775	0.517	B	442	0.285	A
9	405 NB on-ramp	at La Tijera Blvd.	1,500	1	675	0.450	B	632	0.421	B	484	0.323	A
10	405 NB on-ramp	at Manchester Blvd. East	1,500	1	396	0.264	A	541	0.361	B	342	0.228	A
11	405 NB on-ramp	at Manchester Blvd. West	1,500	1	469	0.313	A	520	0.347	A	844	0.429	B
12	405 NB off-ramp	at Manchester Blvd.	1,500	1	1132	0.755	C	744	0.496	B	984	0.656	C
13	405 SB on-ramp	at Manchester Blvd.	1,500	1	867	0.578	C	1210	0.807	D	865	0.577	C
14	405 SB off-ramp	at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	874	0.583	C	705	0.470	B	968	0.645	C
15	405 SB on-ramp	at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	292	0.195	A	446	0.297	A	423	0.282	A
16	405 SB off-ramp	at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	460	0.307	A	513	0.342	A	294	0.198	A
17	405 SB on-ramp	at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	550	0.367	B	864	0.576	C	576	0.384	B
18	405 NB off-ramp	at Century Blvd.	1,500	1	1254	0.836	D	799	0.533	B	514	0.343	A
19	405 NB on-ramp	at Century Blvd. EB	1,500	1	370	0.247	A	932	0.621	C	231	0.154	A
20	405 NB on-ramp	at Century Blvd. WB	1,500	1	613	0.409	B	407	0.271	A	432	0.288	A
21	405 SB off-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	392	0.261	A	185	0.130	A	279	0.186	A
22	405 SB on-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	44	0.029	A	163	0.109	A	246	0.164	A
23	405 SB off-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	235	0.157	A	258	0.172	A	371	0.247	A
24	405 SB on-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	4	0.003	A
25	405 SB off-ramp	El Segundo Blvd.	1,500	1	609	0.406	B	257	0.171	A	198	0.132	A
26	405 SB on-ramp	El Segundo Blvd.	1,500	1	428	0.285	A	1620	1.080	F(0)	457	0.305	A
27	405 NB off-ramp	El Segundo Blvd.	1,500	1	952	0.635	C	682	0.455	B	509	0.339	A
28	405 NB on-ramp	El Segundo Blvd. EB	1,500	1	239	0.159	A	703	0.469	B	331	0.221	A
29	405 NB on-ramp	El Segundo Blvd. WB	1,500	1	383	0.255	A	331	0.221	A	460	0.307	A
30	105 EB on-ramp	Sepulveda Blvd. SB	1,500	2	1614	0.538	B	2719	0.906	D	1748	0.583	C
31	105 EB on-ramp	Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1142	0.254	A	2004	0.445	B	1417	0.315	A
32	105 WB off-ramp	Sepulveda Blvd. NB	1,500	2	3353	1.118	F(0)	2479	0.826	D	2670	0.890	D
33	105 WB off-ramp	Sepulveda Blvd. SB	1,500	1	873	0.582	C	530	0.353	A	928	0.619	C
34	105 EB on-ramp	Imperial Highway (s/o Sepulveda Blvd.)	1,500	1	914	0.609	C	1011	0.674	C	983	0.655	C
35	105 WB off-ramp	Nash St.	1,500	1	1885	1.257	F(0)	334	0.223	A	883	0.589	C
36	105 EB on-ramp	Imperial Highway (s/o Hawthorne Blvd.)	1,500	1	901	0.601	C	811	0.541	B	842	0.561	C
37	105 EB on-ramp	Hawthorne Blvd. SB	1,500	1	291	0.194	A	266	0.177	A	185	0.123	A
38	105 WB off-ramp	Hawthorne Blvd.	1,500	1	929	0.619	C	1208	0.805	D	587	0.391	B
39	105 EB On-ramp	Atwood Wy (Bet Nash/Douglas)	1,500	1	256	0.171	A	858	0.573	C	567	0.378	B

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.501	A
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.701	C
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.827	D
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.446	A
5	AIRPORT BLVD & MANCHESTER AV	6	AM	0.735	C
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.617	B
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.748	C
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.246	F
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.001	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.122	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	0.941	E
13	AVIATION BLVD & MANCHESTER AV	14	AM	0.669	B
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.343	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.110	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.448	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	1.038	F
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.643	B
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.505	A
20	VISTA DEL MAR & CULVER BLVD	33	AM	0.310	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.301	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.124	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.679	B
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.766	C
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.953	E
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.859	D
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.641	B
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.271	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.453	A
30	MAIN ST & IMPERIAL HWY	47	AM	0.449	A
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.258	F
32	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.024	F
34	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.684	B
35	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.878	D
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.843	D
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.489	A
38	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.457	F

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	AM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.323	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.256	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.486	A
43	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.661	B
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.991	E
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.736	C
46	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.875	D
47	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.595	A
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.257	F
49	LINCOLN BLVD & 83RD ST	87	AM	1.220	F
50	LINCOLN BLVD & MANCHESTER AV	88	AM	0.981	E
51	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	AM	0.769	C
53	PERSHING DR & MANCHESTER AV	98	AM	0.451	A
54	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.148	F
55	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.954	E
56	PERSHING DR & WESTCHESTER PKWY	101	AM	0.591	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.633	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.148	F
59	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.884	D
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.737	C
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.736	C
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.535	A
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.838	D
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.676	B
65	LA CIENEGA BLVD & 120TH ST	313	AM	0.388	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.798	C
2	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.580	A
3	AIRPORT BLVD & CENTURY BLVD	4	PM	0.616	B
4	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.539	A
5	AIRPORT BLVD & MANCHESTER AV	6	PM	0.755	C
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.703	C
7	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.718	C
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.359	F
9	AVIATION BLVD & 111TH ST	10	PM		
10	AVIATION BLVD & CENTURY BLVD	11	PM	1.093	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.082	F
12	AVIATION BLVD & IMPERIAL HWY	13	PM	1.135	F
13	AVIATION BLVD & MANCHESTER AV	14	PM	0.813	D
14	AVIATION BLVD & ROSECRANS AV	15	PM	1.712	F
15	CENTINELA AV & JEFFERSON BLVD	18	PM	1.317	F
16	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.313	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	PM	1.002	F
18	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.776	C
19	CULVER BLVD & JEFFERSON BLVD	28	PM	1.276	F
20	VISTA DEL MAR & CULVER BLVD	33	PM	0.466	A
21	DOUGLAS ST & IMPERIAL HWY	34	PM	0.569	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.236	F
23	VISTA DEL MAR & GRAND AV	36	PM	0.607	B
24	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.030	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.899	D
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.921	E
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.754	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.313	A
29	MAIN ST & IMPERIAL HWY	47	PM	0.459	A
30	MAIN ST & IMPERIAL HWY	47	PM	0.563	A
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.695	B
32	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.529	F
34	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.608	B
35	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.681	B
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.891	D
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.683	B
38	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.209	F

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	PM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.397	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.188	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.574	A
43	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.723	C
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.816	D
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.912	E
46	LINCOLN BLVD & LA TIJERA BLVD	81	PM	1.244	F
47	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.790	C
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.505	F
49	LINCOLN BLVD & 83RD ST	87	PM	1.595	F
50	LINCOLN BLVD & MANCHESTER AV	88	PM	1.724	F
51	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	PM	0.633	B
53	PERSHING DR & MANCHESTER AV	98	PM	1.062	F
54	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.038	F
55	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.476	F
56	PERSHING DR & WESTCHESTER PKWY	101	PM	0.765	C
57	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.717	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.961	E
59	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.639	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.813	D
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.671	B
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.660	B
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.685	B
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.690	B
65	LA CIENEGA BLVD & 120TH ST	313	PM	0.424	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.665	B
2	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.839	D
3	AIRPORT BLVD & CENTURY BLVD	4	AM	0.737	C
4	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.683	B
5	AIRPORT BLVD & MANCHESTER AV	6	AM	1.015	F
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.720	C
7	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.883	D
8	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.069	F
9	AVIATION BLVD & 111TH ST	10	AM		
10	AVIATION BLVD & CENTURY BLVD	11	AM	1.385	F
11	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.201	F
12	AVIATION BLVD & IMPERIAL HWY	13	AM	1.235	F
13	AVIATION BLVD & MANCHESTER AV	14	AM	1.115	F
14	AVIATION BLVD & ROSECRANS AV	15	AM	1.693	F
15	CENTINELA AV & JEFFERSON BLVD	18	AM	1.114	F
16	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.016	F
17	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.638	B
18	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.333	A
19	CULVER BLVD & JEFFERSON BLVD	28	AM	0.749	C
20	CULVER BLVD & VISTA DEL MAR	33	AM	0.363	A
21	DOUGLAS ST & IMPERIAL HWY	34	AM	0.534	A
22	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.066	F
23	VISTA DEL MAR & GRAND AV	36	AM	0.817	D
24	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.345	F
25	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.929	E
26	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.704	C
27	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.758	C
28	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.670	B
29	MAIN ST & IMPERIAL HWY	47	AM	0.297	A
30	MAIN ST & IMPERIAL HWY	47	AM	0.298	A
31	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.425	A
32	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
33	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.858	D
34	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.523	A
35	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.620	B
36	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.698	B
37	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.444	A
38	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.861	D

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & 111TH ST	67	AM		
40	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.554	A
41	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.336	A
42	LA CIENEGA BLVD & LENNOX BLVD	71	AM	1.089	F
43	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.015	F
44	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.446	A
45	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.483	A
46	LINCOLN BLVD & LA TIJERA BLVD	81	AM	1.027	F
47	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.689	B
48	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.637	B
49	LINCOLN BLVD & 83RD ST	87	AM	1.553	F
50	LINCOLN BLVD & MANCHESTER AV	88	AM	1.166	F
51	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
52	LINCOLN BLVD & TEALE ST	94	AM	0.493	A
53	PERSHING DR & MANCHESTER AV	98	AM	0.228	A
54	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.891	D
55	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.677	F
56	PERSHING DR & WESTCHESTER PKWY	101	AM	0.480	A
57	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.943	F
58	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.847	D
59	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.639	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.491	A
61	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.461	A
62	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.739	C
63	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.461	A
64	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.500	A
65	LA CIENEGA BLVD & 120TH ST	313	AM	0.499	A

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE A (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1638	0.765	C	1988	0.928	E	2	2085	0.974	E	1995	0.932	E	2	1677	0.784	C	1717	0.802	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1721	0.946	E	1213	0.667	B	2	1538	0.846	D	1696	0.932	E	2	1407	0.774	C	1622	0.954	E
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	1086	0.597	A	1113	0.612	B	2	935	0.514	A	1453	0.799	C	2	1201	0.660	B	1343	0.790	C
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1598	0.879	D	1363	0.749	C	2	1970	1.083	F	1731	0.952	E	2	1527	0.839	D	1819	1.070	F
5	Overland Avenue	s/o Venice Boulevard**	850	1	835	0.918	E	902	0.992	E	1	822	0.904	D	1083	1.191	F	1	806	0.886	D	955	1.124	F
6	Stocker Street	s/o La Brea Avenue	850	2	873	0.514	A	924	0.544	A	2	1115	0.656	B	873	0.514	A	2	1007	0.592	A	1042	0.613	B
7	Slauson Avenue	s/o La Brea Avenue	850	3	1070	0.420	A	1825	0.716	C	3	1694	0.664	B	1244	0.488	A	3	1023	0.401	A	945	0.371	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	715	0.421	A	1634	0.961	E	2	1204	0.708	C	2029	1.194	F	2	1259	0.741	C	1030	0.606	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3090	0.557	A	3180	0.575	A	3	3721	0.670	B	3410	0.614	B	3	2236	0.403	A	2398	0.432	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1430	0.581	A	855	0.562	A	2*	1189	0.699	B	1647	0.646	B	2	790	0.465	A	911	0.536	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	765	0.450	A	549	0.323	A	2	803	0.472	A	899	0.529	A	2	1133	0.666	B	673	0.386	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1376	0.540	A	1427	0.560	A	3	1816	0.712	C	1281	0.502	A	3	1381	0.542	A	1254	0.492	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	566	0.333	A	977	0.383	A	3	1531	0.600	A	919	0.360	A	2	883	0.519	A	1182	0.684	B
14	Aviation Boulevard	n/o Roscamans Avenue	1300	3	2702	0.693	B	1026	0.263	A	3	1847	0.474	A	3108	0.797	C	3	1707	0.438	A	1350	0.346	A
15	Sepulveda Boulevard	n/o Roscamans Avenue	1300	4	4793	0.922	E	1483	0.285	A	4	2548	0.490	A	4605	0.886	D	4	2785	0.536	A	2910	0.560	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	670	0.368	A	1077	0.592	A	2	623	0.342	A	989	0.544	A	2	890	0.489	A	1069	0.588	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1186	0.652	B	715	0.393	A	2	1082	0.595	A	869	0.478	A	2	619	0.340	A	888	0.488	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1230	0.287	A	1104	0.258	A	2	1329	0.311	A	1287	0.301	A	2	1469	0.348	A	1330	0.311	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2137	0.578	A	69	0.019	A	2	1028	0.278	A	1326	0.358	A	2	1209	0.327	A	1483	0.401	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	2775	0.763	C	1028	0.377	A	4*	1803	0.486	A	2526	0.926	E	4*	882	0.242	A	754	0.276	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	4399	1.028	F	1555	0.387	A	4	3891	0.909	E	3018	0.705	C	4	2767	0.846	B	2735	0.639	B
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1206	0.434	A	815	0.293	A	2	1394	0.501	A	2245	0.807	D	2	1074	0.386	A	1262	0.454	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	368	0.132	A	366	0.132	A	2	775	0.279	A	1120	0.403	A	2	693	0.249	A	752	0.270	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1366	0.683	B	965	0.483	A	2	1334	0.667	B	1230	0.615	B	2	1047	0.524	A	1152	0.576	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	886	0.404	A	1511	0.889	D	2	970	0.571	A	893	0.525	A	2	291	0.171	A	1211	0.712	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2866	0.955	E	1196	0.399	A	3	2202	0.734	C	2523	0.841	D	3	1522	0.507	A	1416	0.472	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	1167	0.458	A	2440	0.957	E	3	2227	0.873	D	1989	0.780	C	3	1546	0.606	B	2035	0.798	C
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	517	0.203	A	1335	0.524	A	3	2080	0.816	D	1071	0.420	A	2	1207	0.710	C	1556	0.915	E
29	Inglewood Boulevard	n/o Roscamans Avenue	850	2	870	0.512	A	668	0.393	A	2	945	0.556	A	1423	0.837	D	2	941	0.554	A	572	0.336	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1849	0.711	C	413	0.159	A	2	554	0.213	A	1422	0.547	A	2	811	0.312	A	629	0.242	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE A (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINES

2015 PHASE 3F: ALTERNATIVE A (WITH FINAL MINGATION) WEEKDAY PEAK HOUR ANALYSIS																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	8819	0.882	D	8566	0.857	D	5	9965	0.997	E	7898	0.790	D	5	10786	1.079	F(0)	9996	1.000	E
			2,000	1	829	0.415	B	1617	0.809	D	1	1823	0.912	D	1619	0.810	D	1	1780	0.890	D	2669	1.335	F(1)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	7580	0.948	E	8022	1.003	E	4	8399	1.050	F(0)	8086	1.011	F(0)	4	9058	1.132	F(0)	7667	0.958	E
			2,000	1	847	0.424	B	1192	0.596	C	1	1814	0.807	D	1248	0.624	C	1	1508	0.754	C	1871	0.936	D
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	4	9128	1.141	F(0)	7835	0.978	E	4	8610	1.076	F(0)	9920	1.240	F(0)	4	9970	1.246	F(0)	9477	1.185	F(0)
			2,000	1	1235	0.618	C	1025	0.513	B	1	1318	0.659	C	1704	0.852	D	1	1866	0.833	D	2001	1.001	E
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	4	7219	0.902	D	9204	1.151	F(0)	4	8458	1.057	F(0)	8596	1.075	F(0)	4	5344	0.668	C	5809	0.726	C
			2,000	1	803	0.402	B	1179	0.580	C	1	1564	0.782	D	1292	0.646	C	1	1647	0.824	D	1740	0.870	D

Los Angeles International Airport Master Plan  
2015 PHASE 3F: ALTERNATIVE A (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR  
LEVELS OF SERVICE FOR FREEWAY RAMPS

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	701	0.467	B	977	0.651	C	1313	0.875	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	383	0.128	A	536	0.179	A	359	0.120	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	550	0.367	B	1127	0.751	C	920	0.613	C
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	298	0.199	A	356	0.237	A	351	0.234	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1015	0.677	C	300	0.200	A	266	0.177	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	315	0.210	A	612	0.408	B	380	0.253	A
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	758	0.505	B	873	0.582	C	597	0.398	B
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	745	0.497	B	904	0.603	C	405	0.270	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	621	0.414	B	439	0.293	A	352	0.235	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	448	0.299	A	507	0.338	A	264	0.176	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	439	0.293	A	469	0.313	A	488	0.325	A
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1202	0.801	D	764	0.509	B	975	0.650	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	981	0.654	C	1289	0.859	D	1023	0.682	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	616	0.411	B	365	0.243	A	701	0.467	B
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	272	0.181	A	442	0.295	A	432	0.288	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	457	0.305	A	493	0.329	A	404	0.269	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	645	0.430	B	902	0.601	C	700	0.467	B
18	405 NB off-ramp at Century Blvd.	1,500	1	1219	0.813	D	775	0.517	B	524	0.349	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	353	0.235	A	755	0.503	B	182	0.121	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	583	0.389	B	445	0.297	A	417	0.278	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	343	0.229	A	158	0.105	A	299	0.199	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	72	0.048	A	29	0.019	A	210	0.140	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	179	0.119	A	265	0.177	A	375	0.250	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	0	0.000	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	497	0.331	A	191	0.127	A	211	0.141	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	400	0.267	A	1448	0.965	E	489	0.326	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	905	0.603	C	705	0.470	B	507	0.338	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	298	0.199	A	665	0.444	B	332	0.221	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	380	0.253	A	346	0.231	A	470	0.313	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1151	0.384	B	1718	0.573	C	874	0.291	A
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2606	0.579	C	4049	0.900	D	3897	0.866	D
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2206	0.735	C	1748	0.583	C	2024	0.675	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	720	0.480	B	475	0.317	A	459	0.306	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	798	0.532	B	874	0.583	C	847	0.565	C
35	105 WB off-ramp Nash St.	1,500	1	1652	1.101	F(0)	320	0.213	A	608	0.405	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	864	0.576	C	872	0.581	C	818	0.545	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	283	0.189	A	300	0.200	A	174	0.116	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	949	0.633	C	1189	0.793	D	615	0.410	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	139	0.093	A	685	0.457	B	516	0.344	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.366	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.444	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.675	B
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.921	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.036	F
7	AVIATION BLVD & 111TH ST	10	AM		
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.950	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.041	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.410	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	0.933	E
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.345	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.090	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.441	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.858	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.534	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.504	A
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.300	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.287	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.079	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.732	C
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.760	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.937	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.835	D
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.844	D
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.267	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.497	A
28	MAIN ST & IMPERIAL HWY	47	AM	0.475	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.303	F
30	PERSHING DR & IMPERIAL HWY	49	AM	-0.070	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.094	F
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.689	B
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.886	D
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.843	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.482	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.449	F
37	LA CIENEGA BLVD & 111TH ST	67	AM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.389	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.277	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.410	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.684	B
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.989	E
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.710	C
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.871	D
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.539	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.229	F
47	LINCOLN BLVD & 83RD ST	87	AM	1.216	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	1.042	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.765	C
51	PERSHING DR & MANCHESTER AV	98	AM	0.446	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.199	F
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.913	E
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.547	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.606	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.085	F
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.876	D
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.633	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.849	D
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.722	C
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.810	D
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.651	B
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.349	A



## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.615	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.533	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.792	C
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.969	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.009	F
7	AVIATION BLVD & 111TH ST	10	PM		
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.287	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.076	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.445	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	1.077	F
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.674	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.303	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.291	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	1.011	F
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.758	C
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.355	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.462	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.451	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.228	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.603	B
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.060	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.916	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.874	D
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.728	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.310	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.497	A
28	MAIN ST & IMPERIAL HWY	47	PM	0.561	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.615	B
30	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.568	F
32	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.594	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.619	B
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.886	D
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.673	B
36	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.220	F
37	LA CIENEGA BLVD & 111TH ST	67	PM		
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.490	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.230	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.538	A
41	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.769	C
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.801	D
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.906	E
44	LINCOLN BLVD & LA TIJERA BLVD	81	PM	1.185	F
45	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.726	C
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.317	F
47	LINCOLN BLVD & 83RD ST	87	PM	1.576	F
48	LINCOLN BLVD & MANCHESTER AV	88	PM	1.800	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	PM	0.649	B
51	PERSHING DR & MANCHESTER AV	98	PM	0.989	E
52	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.026	F
53	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.469	F
54	PERSHING DR & WESTCHESTER PKWY	101	PM	0.623	B
55	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.680	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.876	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.614	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.701	C
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.779	C
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.710	C
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.652	B
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.659	B
63	LA CIENEGA BLVD & 120TH ST	313	PM	0.399	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.499	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.657	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.836	D
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.907	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.204	F
7	AVIATION BLVD & 111TH ST	10	AM	0.000	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.281	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.143	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.437	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.493	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.679	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.103	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.015	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.676	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.485	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.751	C
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.363	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.503	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.084	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.853	D
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.441	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.935	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.675	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.561	A
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.668	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.320	A
28	MAIN ST & IMPERIAL HWY	47	AM	0.342	A
29	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.431	A
30	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
31	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.835	D
32	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.534	A
33	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.636	B
34	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.698	B
35	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.451	A
36	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.853	D
37	LA CIENEGA BLVD & 111TH ST	67	AM	0.000	A
38	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.575	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.333	A
40	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.846	D
41	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.092	F
42	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.502	A
43	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.470	A
44	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.984	E
45	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.563	A
46	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.635	B
47	LINCOLN BLVD & 83RD ST	87	AM	1.526	F
48	LINCOLN BLVD & MANCHESTER AV	88	AM	1.149	F
49	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
50	LINCOLN BLVD & TEALE ST	94	AM	0.486	A
51	PERSHING DR & MANCHESTER AV	98	AM	0.230	A
52	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.835	D
53	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.671	F
54	PERSHING DR & WESTCHESTER PKWY	101	AM	0.415	A
55	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.919	F
56	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.830	D
57	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.665	B
58	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.455	A
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.445	A
60	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.888	D
61	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.431	A
62	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.504	A
63	LA CIENEGA BLVD & 120TH ST	313	AM	0.607	B

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE B (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1632	0.763	C	1965	0.918	E	2	2067	0.966	E	1985	0.928	E	2	1870	0.780	C	1713	0.800	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1721	0.946	E	1206	0.663	B	2	1527	0.839	D	1677	0.822	E	2	1406	0.773	C	1590	0.935	E
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	1105	0.607	B	1091	0.600	A	2	923	0.507	A	1421	0.781	C	2	1208	0.664	B	1334	0.765	C
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1588	0.873	D	1353	0.744	C	2	1958	1.076	F	1726	0.949	E	2	1495	0.822	D	1606	1.062	F
5	Overland Avenue	s/o Venice Boulevard**	910	1	822	0.904	D	889	0.977	E	1	817	0.898	D	1089	1.197	F	1	820	0.902	D	930	1.094	F
6	Stocker Street	e/o La Brea Avenue	850	2	874	0.514	A	927	0.545	A	2	1120	0.659	B	873	0.514	A	2	1008	0.593	A	1027	0.604	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	1093	0.429	A	1819	0.713	C	3	1705	0.669	B	1258	0.493	A	3	1039	0.407	A	939	0.368	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	719	0.423	A	1630	0.959	E	2	1236	0.727	C	2053	1.208	F	2	1284	0.755	C	1039	0.611	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3064	0.552	A	3126	0.563	A	3	3670	0.661	B	3380	0.609	B	3	2222	0.400	A	2290	0.414	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1384	0.543	A	906	0.533	A	2*	1111	0.654	B	1624	0.637	B	2	790	0.465	A	894	0.526	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	760	0.447	A	498	0.293	A	2	735	0.433	A	850	0.500	A	2	1086	0.539	B	844	0.379	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1331	0.522	A	1324	0.519	A	3	1680	0.659	B	1281	0.502	A	3	1338	0.525	A	1152	0.452	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	511	0.301	A	943	0.370	A	3	1517	0.585	A	927	0.364	A	2	844	0.496	A	1109	0.652	B
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2699	0.692	B	1036	0.266	A	3	1775	0.455	A	3061	0.785	C	3	1668	0.428	A	1283	0.329	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4723	0.908	E	1400	0.269	A	4	2587	0.498	A	4498	0.865	D	4	2762	0.531	A	2853	0.549	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	657	0.361	A	1058	0.582	A	2	617	0.339	A	966	0.531	A	2	684	0.486	A	1013	0.557	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1191	0.655	B	719	0.395	A	2	1088	0.598	A	873	0.480	A	2	613	0.337	A	868	0.488	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1228	0.287	A	1095	0.256	A	2	1290	0.301	A	1273	0.297	A	2	1485	0.347	A	1334	0.312	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2145	0.580	A	73	0.020	A	2	1069	0.288	A	1369	0.370	A	2	1228	0.332	A	1485	0.402	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	2730	0.756	C	1052	0.386	A	4*	1921	0.578	A	2581	0.946	E	4*	987	0.271	A	897	0.329	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	4367	1.020	F	1642	0.384	A	4	3857	0.901	D	2989	0.698	B	4	2766	0.846	B	2718	0.635	B
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1230	0.442	A	790	0.284	A	2	1405	0.565	A	2231	0.802	C	2	1068	0.384	A	1267	0.435	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	361	0.130	A	338	0.121	A	2	770	0.277	A	1108	0.398	A	2	696	0.250	A	747	0.289	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1371	0.686	B	978	0.489	A	2	1316	0.658	B	1230	0.615	B	2	1049	0.525	A	1139	0.570	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	677	0.398	A	1498	0.881	D	2	962	0.566	A	890	0.524	A	2	309	0.182	A	1231	0.724	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2845	0.948	E	1119	0.373	A	3	2172	0.724	C	2533	0.844	D	3	1487	0.496	A	1368	0.456	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	1145	0.449	A	2433	0.954	E	3	2262	0.887	D	1836	0.759	C	3	1532	0.601	A	2052	0.805	C
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	495	0.194	A	1310	0.514	A	3	2035	0.798	C	1041	0.408	A	2	1194	0.702	B	1541	0.906	E
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	850	0.500	A	654	0.385	A	2	917	0.539	A	1406	0.827	D	2	934	0.549	A	582	0.342	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1807	0.895	B	430	0.165	A	2	547	0.210	A	1413	0.543	A	2	800	0.308	A	625	0.240	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC; the capacities of these links have been increased by 7 percent to reflect ATSAC.

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE B (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINES

No.		Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						AP Peak Hour								
				No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
1	Interstate 405	n/a Venice Blvd.	2,000	5	8777	0.878	D	8491	0.849	D	5	9902	0.990	E	7827	0.783	D	5	10765	1.077	F(0)	9970	0.997	E
		HOV	2,000	1	828	0.414	B	1814	0.807	D	1	1815	0.908	D	1813	0.807	D	1	1824	0.912	D	2872	1.336	F(1)
2	Interstate 405	n/a La Tijera Blvd.	2,000	4	8000	1.000	E	8501	1.063	F(0)	4	8900	1.113	F(0)	8702	1.088	F(0)	4	9387	1.171	F(0)	8228	1.029	F(0)
		HOV	2,000	1	964	0.482	B	1096	0.548	B	1	1580	0.790	D	1285	0.643	C	1	1506	0.753	C	1885	0.943	E
3	Interstate 405	s/o Rosecrans Ave.	2,000	4	8992	1.124	F(0)	7737	0.967	E	4	8599	1.074	F(0)	9764	1.221	F(0)	4	9856	1.233	F(0)	9337	1.167	F(0)
		HOV	2,000	1	1203	0.602	C	1040	0.520	B	1	1324	0.662	C	1693	0.847	D	1	1652	0.826	D	1982	0.991	E
4	Interstate 105	s/o Crenshaw Blvd.	2,000	4	7150	0.694	D	9080	1.135	F(0)	4	8396	1.030	F(0)	8540	1.068	F(0)	4	5317	0.865	C	5762	0.720	C
		HOV	2,000	1	819	0.410	B	1162	0.581	C	1	1544	0.772	C	1292	0.646	C	1	1637	0.819	D	1731	0.866	D

Los Angeles International Airport Master Plan  
2015 PHASE 3F: ALTERNATIVE B (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR  
LEVELS OF SERVICE FOR FREEWAY RAMPS

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	658	0.439	B	896	0.597	C	1323	0.882	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	269	0.090	A	330	0.110	A	322	0.107	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	444	0.296	A	1102	0.735	C	856	0.571	C
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	293	0.195	A	351	0.234	A	368	0.245	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	985	0.657	C	301	0.201	A	286	0.191	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	322	0.215	A	626	0.417	B	380	0.253	A
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	709	0.473	B	861	0.574	C	580	0.387	B
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	689	0.459	B	846	0.564	C	428	0.285	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	644	0.429	B	491	0.327	A	335	0.223	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	455	0.303	A	498	0.332	A	292	0.195	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	463	0.309	A	494	0.329	A	570	0.380	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1229	0.819	D	808	0.539	B	1002	0.668	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	1012	0.675	C	1226	0.817	D	1020	0.680	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	804	0.536	B	831	0.554	C	1108	0.739	C
15	405 SB on-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	346	0.231	A	382	0.255	A	443	0.295	A
16	405 SB off-ramp (n/o Century Blvd.) at La Cienega Blvd.	1,500	1	367	0.245	A	420	0.280	A	285	0.190	A
17	405 SB on-ramp (s/o Century Blvd.) at La Cienega Blvd.	1,500	1	402	0.268	A	774	0.516	B	519	0.346	A
18	405 NB off-ramp (s/o Century Blvd.) at Century Blvd.	1,500	1	1337	0.891	D	729	0.486	B	481	0.321	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	704	0.469	B	1075	0.717	C	307	0.205	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	706	0.471	B	395	0.263	A	518	0.345	A
21	405 SB off-ramp at La Cienega Blvd.	1,500	1	346	0.231	A	159	0.106	A	281	0.187	A
22	405 SB on-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	128	0.085	A	134	0.089	A	225	0.150	A
23	405 SB off-ramp (n/o Imperial Hwy.) at La Cienega Blvd.	1,500	1	189	0.126	A	265	0.177	A	380	0.253	A
24	405 SB on-ramp (n/o El Segundo Blvd.) at La Cienega Blvd.	1,500	1	80	0.053	A	299	0.199	A	0	0.000	A
25	405 SB off-ramp (n/o El Segundo Blvd.) El Segundo Blvd.	1,500	1	453	0.302	A	161	0.107	A	207	0.138	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	357	0.238	A	1407	0.938	D	512	0.341	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	850	0.567	C	659	0.439	B	520	0.347	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	255	0.170	A	653	0.435	B	335	0.223	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	374	0.249	A	338	0.225	A	461	0.307	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1059	0.353	A	1546	0.515	B	684	0.228	A
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2827	0.628	C	4296	0.955	E	4147	0.922	D
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2084	0.695	C	1533	0.511	B	1998	0.666	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	702	0.468	B	486	0.324	A	245	0.163	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	666	0.444	B	815	0.543	B	787	0.525	B
35	105 WB off-ramp Nash St.	1,500	1	1484	0.989	E	385	0.257	A	804	0.536	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	877	0.585	C	865	0.577	C	837	0.558	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	290	0.193	A	280	0.187	A	186	0.124	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	924	0.616	C	1182	0.788	D	640	0.427	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	108	0.072	A	661	0.441	B	483	0.322	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.399	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.404	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.733	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.521	A
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.838	D
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.503	F
8	AVIATION BLVD & 111TH ST	10	AM		
9	AVIATION BLVD & CENTURY BLVD	11	AM	1.381	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.172	F
11	AVIATION BLVD & IMPERIAL HWY	13	AM	0.831	D
12	AVIATION BLVD & MANCHESTER AV	14	AM	0.683	B
13	AVIATION BLVD & ROSECRANS AV	15	AM	1.346	F
14	CENTINELA AV & JEFFERSON BLVD	18	AM	1.096	F
15	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.454	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	AM	1.087	F
17	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.469	A
18	CULVER BLVD & JEFFERSON BLVD	28	AM	0.498	A
19	VISTA DEL MAR & CULVER BLVD	33	AM	0.308	A
20	DOUGLAS ST & IMPERIAL HWY	34	AM	0.329	A
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.127	F
22	VISTA DEL MAR & GRAND AV	36	AM	0.677	B
23	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.807	D
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.949	E
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.877	D
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.665	B
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.255	A
28	MAIN St & IMPERIAL HWY	47	AM	0.501	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.493	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.256	F
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.035	F
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.677	B
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.784	C
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.851	D
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.489	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.463	F
38	LA CIENEGA BLVD & 111TH ST	67	AM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.393	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.285	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.673	B
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.705	C
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	1.003	F
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.750	C
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.856	D
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.598	A
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.246	F
48	LINCOLN BLVD & 83RD ST	87	AM	1.233	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	0.992	E
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.779	C
52	PERSHING DR & MANCHESTER AV	98	AM	0.460	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.182	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.900	D
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.589	A
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.637	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.126	F
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.912	E
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.668	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.705	C
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.629	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.790	C
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.652	B
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.323	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.624	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.499	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.711	C
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.757	C
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.719	C
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.401	F
8	AVIATION BLVD & 111TH ST	10	PM		
9	AVIATION BLVD & CENTURY BLVD	11	PM	1.163	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.113	F
11	AVIATION BLVD & IMPERIAL HWY	13	PM	1.214	F
12	AVIATION BLVD & MANCHESTER AV	14	PM	0.852	D
13	AVIATION BLVD & ROSECRANS AV	15	PM	1.676	F
14	CENTINELA AV & JEFFERSON BLVD	18	PM	1.294	F
15	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.295	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	PM	1.071	F
17	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.625	B
18	CULVER BLVD & JEFFERSON BLVD	28	PM	1.296	F
19	VISTA DEL MAR & CULVER BLVD	33	PM	0.461	A
20	DOUGLAS ST & IMPERIAL HWY	34	PM	0.551	A
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.233	F
22	VISTA DEL MAR & GRAND AV	36	PM	0.631	B
23	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.028	F
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.881	D
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.935	E
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.738	C
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.292	A
28	MAIN ST & IMPERIAL HWY	47	PM	0.531	A
29	MAIN ST & IMPERIAL HWY	47	PM	0.559	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.699	B
31	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.667	F
33	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.644	B
34	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.581	A
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.898	D
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.692	B
37	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.209	F
38	LA CIENEGA BLVD & 111TH ST	67	PM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.385	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.226	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.798	C
42	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.719	C
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.848	D
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.926	E
45	LINCOLN BLVD & LA TIJERA BLVD	81	PM	1.250	F
46	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.742	C
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.386	F
48	LINCOLN BLVD & 83RD ST	87	PM	1.574	F
49	LINCOLN BLVD & MANCHESTER AV	88	PM	1.711	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	PM	0.641	B
52	PERSHING DR & MANCHESTER AV	98	PM	1.046	F
53	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.028	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.489	F
55	PERSHING DR & WESTCHESTER PKWY	101	PM	0.742	C
56	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.719	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.868	D
58	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.639	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.861	D
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.664	B
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.665	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.639	B
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.662	B
64	LA CIENEGA BLVD & 120TH ST	313	PM	0.409	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.496	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.685	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.921	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.811	D
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.873	D
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.153	F
8	AVIATION BLVD & 111TH ST	10	AM		
9	AVIATION BLVD & CENTURY BLVD	11	AM	1.875	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.206	F
11	AVIATION BLVD & IMPERIAL HWY	13	AM	1.166	F
12	AVIATION BLVD & MANCHESTER AV	14	AM	1.194	F
13	AVIATION BLVD & ROSECRANS AV	15	AM	1.705	F
14	CENTINELA AV & JEFFERSON BLVD	18	AM	1.102	F
15	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.010	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.867	D
17	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.261	A
18	CULVER BLVD & JEFFERSON BLVD	28	AM	0.749	C
19	CULVER BLVD & VISTA DEL MAR	33	AM	0.355	A
20	DOUGLAS ST & IMPERIAL HWY	34	AM	0.622	B
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.087	F
22	VISTA DEL MAR & GRAND AV	36	AM	0.819	D
23	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.566	F
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.920	E
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.724	C
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.710	C
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.648	B
28	MAIN ST & IMPERIAL HWY	47	AM	0.359	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.515	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.412	A
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.904	E
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.712	C
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.580	A
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.693	B
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.439	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.856	D
38	LA CIENEGA BLVD & 111TH ST	67	AM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.597	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.339	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	1.346	F
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.146	F
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.451	A
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.582	A
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	1.017	F
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.595	A
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.637	B
48	LINCOLN BLVD & 83RD ST	87	AM	1.555	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	1.174	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.497	A
52	PERSHING DR & MANCHESTER AV	98	AM	0.235	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.830	D
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.615	F
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.483	A
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.935	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.938	E
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.646	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.463	A
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.446	A
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.657	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.448	A
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.498	A
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.511	A

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE C (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1643	0.768	C	1975	0.923	E	2	2087	0.975	E	2001	0.935	E	2	1671	0.781	C	1731	0.809	D
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1730	0.951	E	1214	0.667	B	2	1544	0.849	D	1708	0.939	E	2	1400	0.770	C	1595	0.877	D
3	Sawtella Boulevard	s/o Venice Boulevard**	910	2	1119	0.615	B	1113	0.612	B	2	940	0.517	A	1435	0.789	C	2	1220	0.671	B	1359	0.747	C
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1802	0.881	D	1369	0.753	C	2	1978	1.087	F	1748	0.961	E	2	1507	0.828	D	1778	0.977	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	846	0.930	E	898	0.987	E	1	832	0.915	E	1079	1.186	F	1	820	0.902	D	947	1.041	F
6	Stocker Street	s/o La Brea Avenue	850	2	890	0.524	A	931	0.548	A	2	1108	0.651	B	869	0.511	A	2	1002	0.589	A	1020	0.600	A
7	Slauson Avenue	s/o La Brea Avenue	850	3	1059	0.415	A	1815	0.712	C	3	1660	0.651	B	1249	0.490	A	3	1033	0.405	A	924	0.362	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	711	0.418	A	1618	0.952	E	2	1206	0.708	C	2032	1.195	F	2	1265	0.744	C	1029	0.605	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3111	0.561	A	3122	0.563	A	3	3681	0.665	B	3355	0.605	A	3	2202	0.397	A	2304	0.415	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1446	0.587	A	931	0.548	A	2*	1168	0.686	B	1644	0.645	B	2	806	0.474	A	905	0.532	A
11	Archer Vilao	w/o La Brea Avenue	850	2	800	0.471	A	524	0.308	A	2	799	0.470	A	802	0.531	A	2	1108	0.652	B	661	0.389	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1429	0.560	A	1355	0.531	A	3	1744	0.684	B	1298	0.509	A	3	1398	0.548	A	1210	0.475	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	524	0.308	A	939	0.368	A	3	1515	0.594	A	928	0.364	A	2	853	0.502	A	1149	0.676	B
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2719	0.697	B	1002	0.257	A	3	1805	0.463	A	3113	0.798	C	3	1694	0.434	A	1305	0.335	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4788	0.921	E	1485	0.286	A	4	2488	0.478	A	4580	0.881	D	4	2765	0.532	A	2856	0.549	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	681	0.374	A	1083	0.595	A	2	641	0.352	A	991	0.545	A	2	886	0.487	A	1023	0.562	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1192	0.655	B	733	0.403	A	2	1082	0.595	A	860	0.473	A	2	824	0.343	A	888	0.488	A
18	Marina Freesway	s/o Lincoln Boulevard**	2140	2	1255	0.293	A	1095	0.256	A	2	1323	0.309	A	1288	0.301	A	2	1479	0.346	A	1312	0.307	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2181	0.589	A	69	0.019	A	2	976	0.264	A	1303	0.352	A	2	1186	0.321	A	1444	0.390	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	2776	0.763	C	1039	0.381	A	4*	1828	0.502	A	2538	0.930	E	4*	925	0.254	A	770	0.282	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	4464	1.043	F	1654	0.386	A	4	3885	0.908	E	3014	0.704	B	4	2791	0.652	B	2698	0.630	B
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1225	0.440	A	808	0.290	A	2	1386	0.498	A	2242	0.806	D	2	1069	0.384	A	1254	0.451	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	361	0.130	A	378	0.136	A	2	767	0.276	A	1114	0.400	A	2	690	0.248	A	740	0.286	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1361	0.681	B	945	0.473	A	2	1320	0.660	B	1223	0.612	B	2	1048	0.524	A	1139	0.570	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	689	0.405	A	1517	0.892	D	2	934	0.549	A	872	0.513	A	2	299	0.176	A	1214	0.714	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2898	0.966	E	1212	0.404	A	3	2221	0.740	C	2494	0.831	D	3	1524	0.508	A	1471	0.490	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	1134	0.445	A	2457	0.964	E	3	2196	0.861	D	1954	0.766	C	3	1494	0.586	A	2018	0.791	C
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	521	0.204	A	1327	0.520	A	3	2049	0.804	C	1030	0.404	A	2	1182	0.695	B	1543	0.908	E
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	857	0.504	A	655	0.385	A	2	895	0.526	A	1410	0.829	D	2	931	0.548	A	549	0.323	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1826	0.702	B	419	0.161	A	2	568	0.218	A	1379	0.530	A	2	807	0.310	A	640	0.246	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F: ALTERNATIVE C (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINES

2015 PHASE 3F: ALTERNATIVE C (WITH FINAL MITIGATION) WEST OF I-10																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Interstate 405	n/o Venice Blvd.	2,000	5	8892	0.889	D	8559	0.856	D	5	9992	0.999	E	7888	0.789	D	5	10806	1.081	F(0)	10028	1.003	E
			2,000	1	876	0.439	B	1614	0.807	D	1	1833	0.917	D	1609	0.805	D	1	1781	0.891	D	2643	1.322	F(1)
2	Interstate 405	n/o La Tijera Blvd.	2,000	4	7452	0.932	D	7892	0.987	E	4	8382	1.048	F(0)	7856	0.982	E	4	8883	1.110	F(0)	7446	0.931	D
			2,000	1	945	0.473	B	1173	0.587	C	1	1604	0.802	D	1316	0.658	C	1	1526	0.763	C	1867	0.934	D
3	Interstate 405	s/o Rosecrans Ave.	2,000	4	9035	1.129	F(0)	7890	0.986	E	4	8596	1.075	F(0)	9870	1.234	F(0)	4	9877	1.235	F(0)	9390	1.174	F(0)
			2,000	1	1249	0.625	C	1069	0.535	B	1	1321	0.661	C	1714	0.857	D	1	1631	0.816	D	1952	0.976	E
4	Interstate 105	s/o Crenshaw Blvd.	2,000	4	7224	0.903	D	9146	1.144	F(0)	4	8421	1.053	F(0)	8495	1.062	F(0)	4	5292	0.662	C	5766	0.721	C
			2,000	1	871	0.436	B	1199	0.600	C	1	1580	0.780	D	1269	0.635	C	1	1604	0.802	D	1701	0.851	D

Los Angeles International Airport Master Plan  
2015 PHASE 3F: ALTERNATIVE C (WITH FINAL MITIGATION) WEEKDAY PEAK HOUR  
LEVELS OF SERVICE FOR FREEWAY RAMPS

No.	Freeway/Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	707	0.471	B	980	0.653	C	1298	0.865	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	379	0.126	A	577	0.192	A	361	0.120	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	563	0.375	B	1178	0.785	D	963	0.642	C
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	299	0.199	A	358	0.239	A	350	0.233	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1043	0.695	C	295	0.197	A	263	0.175	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	312	0.208	A	609	0.406	B	368	0.245	A
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	763	0.509	B	898	0.599	C	744	0.496	B
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	766	0.511	B	934	0.623	C	405	0.270	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	642	0.428	B	502	0.335	A	366	0.244	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	456	0.304	A	521	0.347	A	237	0.158	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	443	0.295	A	458	0.305	A	530	0.353	A
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1247	0.831	D	782	0.521	B	995	0.663	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	1119	0.746	C	1277	0.851	D	1033	0.689	C
14	405 SB off-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	596	0.397	B	526	0.351	A	797	0.531	B
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	385	0.257	A	427	0.285	A	471	0.314	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	217	0.145	A	248	0.165	A	242	0.161	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	449	0.299	A	809	0.539	B	465	0.310	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1214	0.809	D	759	0.506	B	515	0.343	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	470	0.313	A	781	0.521	B	145	0.097	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	627	0.418	B	427	0.285	A	450	0.300	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	333	0.222	A	155	0.103	A	276	0.184	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	166	0.111	A	170	0.113	A	232	0.155	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	193	0.129	A	258	0.172	A	372	0.248	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	5	0.003	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	449	0.299	A	148	0.099	A	217	0.145	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	436	0.291	A	1400	0.933	D	509	0.339	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	770	0.513	B	582	0.388	B	506	0.337	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	246	0.164	A	665	0.443	B	335	0.223	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	372	0.248	A	347	0.231	A	467	0.311	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1316	0.439	B	2155	0.718	C	1105	0.368	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2781	0.618	C	3583	0.796	D	3573	0.794	D
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2380	0.793	D	2022	0.674	C	2320	0.773	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	731	0.487	B	475	0.317	A	502	0.335	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	804	0.536	B	878	0.585	C	859	0.573	C
35	105 WB off-ramp Nash St.	1,500	1	1650	1.100	F(0)	303	0.202	A	699	0.466	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	876	0.584	C	874	0.583	C	833	0.555	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	284	0.189	A	286	0.191	A	189	0.126	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	925	0.617	C	1199	0.799	D	642	0.428	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	102	0.068	A	698	0.465	B	497	0.331	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.627	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.448	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.495	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.694	B
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.683	B
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.739	C
7	AVIATION BLVD & 111TH ST	10	AM	0.391	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.826	D
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	0.960	E
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.971	E
11	AVIATION BLVD & MANCHESTER AV	14	AM	0.985	E
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.224	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.993	E
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.098	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.736	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.742	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.862	D
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.627	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.360	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.031	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.835	D
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.717	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.163	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.726	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.685	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.281	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.753	C
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.284	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.044	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.723	C
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.818	D
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.617	B
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.762	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.465	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.895	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.174	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.357	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.266	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.350	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.673	B
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.862	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.767	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.416	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.576	A
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.785	C
46	LINCOLN BLVD & 83RD ST	87	AM	0.993	E
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.710	C
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.550	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.503	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.444	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.931	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.745	C
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.312	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.553	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.212	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.711	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.782	C
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.719	C
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.741	C
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.599	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.248	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.811	D
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.561	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.545	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.723	C
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.769	C
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.699	B
7	AVIATION BLVD & 111TH ST	10	PM	0.467	A
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.025	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	0.965	E
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.319	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.787	C
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.472	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.051	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.991	E
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.720	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.880	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.034	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.358	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.523	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.146	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.471	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	0.921	E
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.896	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.797	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.792	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.275	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.931	E
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.489	A
29	PERSHING DR & IMPERIAL HWY	49	PM	0.847	D
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	0.947	E
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.540	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.472	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.848	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.637	B
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.193	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.255	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.481	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.254	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.367	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.763	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.929	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.845	D
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.566	A
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.584	A
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	0.694	B
46	LINCOLN BLVD & 83RD ST	87	PM	1.096	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	1.014	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.565	A
49	LINCOLN BLVD & TEALE ST	94	PM	0.541	A
50	PERSHING DR & MANCHESTER AV	98	PM	0.557	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.945	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	0.962	E
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.210	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.713	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.950	E
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.639	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.893	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.587	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.582	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.596	A
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.422	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.911	E
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.711	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.672	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.900	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.703	C
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.787	C
7	AVIATION BLVD & 111TH ST	10	AM	0.812	D
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.769	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	0.889	D
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.235	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.394	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.332	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.897	D
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.811	D
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.534	A
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.657	B
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.581	A
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.358	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.509	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.888	D
21	VISTA DEL MAR & GRAND AV	36	AM	0.467	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.407	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.860	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.628	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.793	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.632	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.521	A
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.458	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.614	B
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.791	C
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.571	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.529	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.642	B
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.399	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.879	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.567	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.620	B
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.390	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.806	D
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.012	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.595	A
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.402	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.294	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.613	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.430	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.274	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.830	D
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.485	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.370	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.260	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.821	D
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.083	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.113	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.804	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.927	E
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.668	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.515	A
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.758	C
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.341	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.432	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.343	A

## Los Angeles International Airport Master Plan

## 2005 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE (W/FRAWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.		Link Location	Lane Cntr	AM Peak Hour						PM Peak Hour						AP Peak Hour								
				No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1564	0.731	C	1738	0.812	D	2	1857	0.868	D	1797	0.840	D	2	1470	0.687	B	1570	0.734	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1634	0.898	D	1092	0.600	A	2	1416	0.778	C	1531	0.842	D	2	1177	0.647	B	1420	0.781	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	895	0.492	A	861	0.473	A	2	794	0.437	A	1179	0.648	B	2	873	0.480	A	1046	0.575	A
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1600	0.880	D	1161	0.638	B	2	1544	0.848	D	1552	0.853	D	2	1432	0.787	C	1630	0.898	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	835	0.918	E	812	0.893	D	1	748	0.822	D	1043	1.147	F	1	752	0.827	D	888	0.976	E
6	Stocker Street	s/o La Brea Avenue	850	2	744	0.438	A	701	0.412	A	2	904	0.532	A	686	0.404	A	2	810	0.476	A	847	0.498	A
7	Slauson Avenue	s/o La Brea Avenue	850	3	995	0.390	A	1749	0.686	B	3	1588	0.623	B	1178	0.462	A	3	901	0.353	A	839	0.329	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	591	0.348	A	1522	0.895	D	2	1140	0.671	B	1860	1.153	F	2	1138	0.689	B	899	0.529	A
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3071	0.553	A	2775	0.500	A	3	3346	0.603	A	3087	0.556	A	3	2074	0.374	A	2221	0.400	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1201	0.471	A	832	0.489	A	2*	958	0.564	A	1470	0.576	A	2	758	0.446	A	868	0.511	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	440	0.259	A	456	0.268	A	2	587	0.345	A	789	0.452	A	2	810	0.476	A	572	0.336	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1048	0.411	A	1189	0.466	A	3	1539	0.604	A	1044	0.409	A	3	1061	0.416	A	958	0.376	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	490	0.288	A	798	0.313	A	3	1259	0.494	A	696	0.273	A	2	726	0.427	A	827	0.486	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2345	0.601	A	956	0.246	A	3	1450	0.372	A	2497	0.640	B	3	1377	0.353	A	1131	0.290	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4543	0.874	D	1338	0.257	A	4	2300	0.442	A	4130	0.794	C	4	2488	0.478	A	2671	0.514	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	414	0.228	A	761	0.418	A	2	535	0.294	A	743	0.408	A	2	559	0.362	A	869	0.478	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1136	0.625	B	744	0.409	A	2	1035	0.569	A	765	0.421	A	2	586	0.322	A	899	0.494	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1064	0.249	A	1069	0.250	A	2	1455	0.340	A	1155	0.270	A	2	1478	0.345	A	1282	0.300	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	1830	0.441	A	404	0.109	A	2	982	0.265	A	1472	0.398	A	2	1395	0.377	A	1034	0.379	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	1715	0.471	A	867	0.318	A	4*	1405	0.386	A	2211	0.810	D	4*	474	0.130	A	2540	0.593	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3016	0.705	B	1620	0.379	A	4	3475	0.812	D	2678	0.626	B	4	2343	0.547	A	1133	0.407	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1965	0.706	C	884	0.246	A	2	1203	0.432	A	2107	0.757	C	2	1055	0.379	A	617	0.222	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	1146	0.412	A	442	0.159	A	2	545	0.196	A	1082	0.389	A	2	760	0.273	A	1055	0.528	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1285	0.643	B	720	0.360	A	2	1156	0.578	A	1215	0.608	B	2	957	0.479	A	1055	0.621	B
25	Jefferson Boulevard	n/o Rodeo Road	850	2	628	0.369	A	1093	0.643	B	2	806	0.474	A	789	0.452	A	2	216	0.127	A	1302	0.434	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2572	0.857	D	1055	0.352	A	3	1839	0.613	B	2331	0.777	C	3	1307	0.436	A	1512	0.593	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	715	0.280	A	1649	0.647	B	3	1553	0.609	B	1287	0.497	A	3	1041	0.408	A	1374	0.808	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	493	0.193	A	1258	0.493	A	3	1830	0.718	C	946	0.371	A	2	1124	0.661	B	471	0.277	A
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	753	0.443	A	559	0.329	A	2	772	0.454	A	1349	0.794	C	2	742	0.436	A	510	0.196	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2120	0.815	D	383	0.147	A	2	472	0.182	A	1383	0.532	A	2	771	0.297	A			

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## Los Angeles International Airport Master Plan

## 2005 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE (W/FRAWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2005 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE (W/FRAMEWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE, CAPACITY, AND DELAY																								
No.	Link Location	Lane Cntr	AM Peak Hour						PM Peak Hour						AP Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	7837	0.784	D	7672	0.767	C	5	8711	0.871	D	7352	0.735	C	5	9427	0.943	E	9103	0.910	D
			2,000	1	1567	0.784	D	1708	0.854	D	1	1813	0.907	D	1551	0.776	C	1	2007	1.004	E	2382	1.191	F(0)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	7541	0.943	E	8061	1.008	E	4	8513	1.084	F(0)	8142	1.018	F(0)	4	8859	1.107	F(0)	7729	0.966	E
			2,000	1	1990	0.995	E	1684	0.842	D	1	2269	1.135	F(0)	1830	0.985	E	1	2243	1.122	F(0)	2276	1.138	F(0)
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	4	8608	1.076	F(0)	6568	0.821	D	4	7509	0.939	D	9166	1.146	F(0)	4	8794	1.099	F(0)	8129	1.016	F(0)
			2,000	1	2228	1.114	F(0)	1062	0.531	B	1	1780	0.880	D	1880	0.940	D	1	2143	1.072	F(0)	1672	0.836	D
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	4	5830	0.729	C	7578	0.947	E	4	6918	0.865	D	6967	0.871	D	4	4172	0.522	B	4535	0.557	C
			2,000	1	1329	0.665	C	2082	1.041	F(0)	1	2293	1.147	F(0)	1405	0.703	C	1	2066	1.033	F(0)	2291	1.146	F(0)

## Los Angeles International Airport Master Plan

## 2005 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE (W/FRAWORK) WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMPS

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	654	0.436	B	692	0.461	B	1147	0.765	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	541	0.180	A	688	0.229	A	719	0.240	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	269	0.179	A	820	0.547	B	608	0.405	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	279	0.186	A	276	0.184	A	296	0.197	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	812	0.541	B	685	0.457	B	502	0.335	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	488	0.325	A	696	0.464	B	612	0.408	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	742	0.495	B	737	0.491	B	328	0.219	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	766	0.511	B	861	0.574	C	435	0.290	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	648	0.432	B	616	0.411	B	466	0.311	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	495	0.330	A	698	0.465	B	429	0.286	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	452	0.301	A	526	0.351	A	612	0.408	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1363	0.909	D	906	0.604	C	1143	0.762	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	950	0.633	C	1283	0.855	D	851	0.567	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	1008	0.672	C	944	0.629	C	1149	0.766	C
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	238	0.159	A	457	0.305	A	410	0.273	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	327	0.218	A	417	0.278	A	218	0.145	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	622	0.415	B	933	0.622	C	645	0.430	B
18	405 NB off-ramp at Century Blvd.	1,500	1	1348	0.899	D	794	0.529	B	659	0.439	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	371	0.247	A	748	0.499	B	226	0.151	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	622	0.415	B	437	0.291	A	490	0.327	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	340	0.227	A	158	0.105	A	289	0.193	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	115	0.077	A	174	0.116	A	251	0.167	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	202	0.135	A	259	0.173	A	371	0.247	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	0	0.000	A
25	405 SB off-ramp at El Segundo Blvd.	1,500	1	505	0.337	A	223	0.149	A	308	0.205	A
26	405 SB on-ramp at El Segundo Blvd.	1,500	1	327	0.218	A	1379	0.919	D	388	0.259	A
27	405 NB off-ramp at El Segundo Blvd.	1,500	1	838	0.559	C	606	0.404	B	519	0.346	A
28	405 NB on-ramp at El Segundo Blvd. EB	1,500	1	237	0.158	A	651	0.434	B	326	0.217	A
29	405 NB on-ramp at El Segundo Blvd. WB	1,500	1	370	0.247	A	305	0.203	A	434	0.289	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1241	0.414	B	2314	0.771	C	1556	0.519	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1006	0.224	A	1752	0.389	B	1310	0.291	A
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2818	0.939	D	2093	0.698	C	2363	0.788	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	776	0.517	B	502	0.335	A	877	0.585	C
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	785	0.523	B	921	0.614	C	891	0.594	C
35	105 WB off-ramp Nash St.	1,500	1	1693	1.129	F(0)	310	0.207	A	758	0.505	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	826	0.551	C	945	0.630	C	838	0.559	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	358	0.239	A	321	0.214	A	345	0.230	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	978	0.652	C	1176	0.784	D	653	0.435	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	135	0.090	A	697	0.465	B	534	0.356	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.697	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.419	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.446	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.515	A
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.607	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.441	F
7	AVIATION BLVD & 111TH ST	10	AM	0.535	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.491	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	0.977	E
10	AVIATION BLVD & IMPERIAL HWY	13	AM	0.939	E
11	AVIATION BLVD & MANCHESTER AV	14	AM	0.638	B
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.248	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	0.896	D
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.039	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.886	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	-0.070	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.653	B
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.345	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.294	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.032	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.932	E
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.757	C
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.030	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.786	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.789	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.292	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.604	B
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.189	F
29	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.129	F
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.165	F
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.576	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.749	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.484	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.990	E
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.385	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.337	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.244	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.228	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.683	B
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.901	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.763	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.609	B
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.554	A
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.423	F
46	LINCOLN BLVD & 83RD ST	87	AM	1.123	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.750	C
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.592	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.542	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.044	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.793	C
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.030	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.547	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.031	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.847	D
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	1.289	F
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.815	D
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.721	C
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.615	B
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.243	A



## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.669	B
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.602	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.475	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.583	A
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	1.799	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.963	E
7	AVIATION BLVD & 111TH ST	10	PM	0.618	B
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.046	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.023	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.342	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	0.777	C
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.494	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.175	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	0.983	E
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.847	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	-0.070	A
17	CULVER BLVD & JEFFERSON BLVD	28	PM	0.903	E
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.449	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.356	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.131	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.669	B
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.036	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.852	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.752	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.668	B
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.277	A
27	MAIN ST & IMPERIAL HWY	47	PM	0.645	B
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.550	A
29	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.508	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.770	C
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.511	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.878	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.665	B
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.072	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.498	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.406	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.218	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.216	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.732	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.945	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.832	D
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.793	C
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.671	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.351	F
46	LINCOLN BLVD & 83RD ST	87	PM	1.137	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	1.306	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
49	LINCOLN BLVD & TEALE ST	94	PM	0.538	A
50	PERSHING DR & MANCHESTER AV	98	PM	1.349	F
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	0.981	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.275	F
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.041	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.681	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.831	D
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.683	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	1.077	F
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.674	B
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.663	B
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.626	B
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.425	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.639	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.540	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.619	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.759	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	1.683	F
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.215	F
7	AVIATION BLVD & 111TH ST	10	AM	0.790	C
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.523	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.036	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.117	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.229	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.384	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.023	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	0.789	C
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.691	B
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	-0.070	A
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.569	A
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.341	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.440	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.988	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.714	C
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.451	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.848	D
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.628	B
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.736	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.671	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.601	B
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.430	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.777	C
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.511	A
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.569	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.628	B
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.404	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.784	C
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.655	B
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.512	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.358	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.513	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.027	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.573	A
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.383	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.835	D
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.543	A
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.517	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.390	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.969	E
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.395	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.313	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.799	C
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.456	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.050	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.826	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.870	D
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.658	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.763	C
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.991	E
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.405	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.433	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.356	A

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE C (WITH FRAMEWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.	Link Location	Lane Cnt	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1594	0.745	C	1701	0.795	C	2	1818	0.850	D	1805	0.843	D	2	1486	0.694	B	1540	0.720	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1640	0.902	D	1059	0.582	A	2	1377	0.757	C	1510	0.830	D	2	1190	0.654	B	1332	0.732	C
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	921	0.506	A	896	0.493	A	2	753	0.414	A	1233	0.678	B	2	828	0.455	A	1121	0.616	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1638	0.900	D	1105	0.607	B	2	1562	0.859	D	1523	0.837	D	2	1595	0.877	D	1558	0.857	D
5	Overland Avenue	s/o Venice Boulevard**	910	1	825	0.907	E	795	0.874	D	1	753	0.828	D	1030	1.132	F	1	732	0.805	C	840	0.824	E
6	Stocker Street	e/o La Brea Avenue	850	2	777	0.457	A	671	0.395	A	2	864	0.508	A	726	0.427	A	2	835	0.491	A	843	0.496	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	993	0.389	A	1757	0.689	B	3	1571	0.616	B	1210	0.475	A	3	926	0.363	A	901	0.353	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	600	0.353	A	1511	0.889	D	2	1131	0.665	B	1950	1.147	F	2	1148	0.675	B	878	0.516	A
9	La Clonaga Boulevard	s/o Slauson Avenue	1850	3	3055	0.550	A	2776	0.500	A	3	3354	0.604	A	3190	0.575	A	3	2077	0.374	A	2191	0.395	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1274	0.500	A	855	0.503	A	2*	947	0.557	A	1537	0.603	A	2	770	0.453	A	882	0.518	A
11	Arbor Vitae Street	w/o La Brea Avenue	850	2	539	0.317	A	480	0.282	A	2	657	0.386	A	879	0.517	A	2	928	0.546	A	641	0.377	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1117	0.438	A	1203	0.472	A	3	1554	0.609	B	1169	0.458	A	3	989	0.388	A	964	0.378	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	484	0.285	A	792	0.311	A	3	1275	0.500	A	677	0.265	A	2	740	0.435	A	981	0.577	A
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2332	0.598	A	1011	0.259	A	3	1534	0.393	A	2416	0.619	B	3	1459	0.374	A	1114	0.286	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4457	0.857	D	1425	0.274	A	4	2418	0.465	A	4058	0.782	C	4	2559	0.492	A	2547	0.490	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	461	0.253	A	712	0.391	A	2	512	0.281	A	759	0.417	A	2	580	0.374	A	800	0.440	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1145	0.629	B	755	0.416	A	2	1036	0.570	A	767	0.422	A	2	575	0.315	A	900	0.495	A
18	Marina Freeway	e/o Lincoln Boulevard**	2140	2	1046	0.244	A	1059	0.247	A	2	1392	0.325	A	1176	0.275	A	2	1431	0.334	A	1279	0.299	A
19	Culver Boulevard	e/o Lincoln Boulevard	1850	2	1595	0.431	A	375	0.102	A	2	1031	0.279	A	1749	0.473	A	2	1372	0.371	A	1311	0.354	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	1789	0.482	A	952	0.349	A	4*	1471	0.404	A	2252	0.825	D	4*	594	0.163	A	1061	0.389	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3570	0.834	D	1591	0.372	A	4	3446	0.805	D	2896	0.677	B	4	2502	0.585	A	2498	0.584	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1641	0.590	A	678	0.244	A	2	1087	0.391	A	2255	0.811	D	2	1011	0.363	A	1144	0.411	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	493	0.177	A	313	0.113	A	2	734	0.264	A	1067	0.384	A	2	701	0.252	A	630	0.226	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1307	0.654	B	716	0.358	A	2	1134	0.567	A	1208	0.504	A	2	956	0.478	A	1058	0.534	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	617	0.363	A	1056	0.621	B	2	778	0.458	A	767	0.451	A	2	202	0.119	A	1013	0.596	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2526	0.842	D	913	0.304	A	3	1895	0.565	A	2229	0.743	C	3	1266	0.422	A	1169	0.390	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	724	0.284	A	1574	0.617	B	3	1380	0.541	A	1318	0.517	A	3	1063	0.417	A	1487	0.583	A
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	506	0.198	A	1291	0.506	A	3	1894	0.743	C	1012	0.397	A	2	1171	0.689	B	1443	0.849	D
29	Inglewood Avenue	n/o Rosecrans Avenue	850	2	776	0.456	A	575	0.338	A	2	870	0.512	A	1381	0.812	D	2	818	0.481	A	493	0.290	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1971	0.758	C	502	0.193	A	2	656	0.252	A	1428	0.549	A	2	802	0.308	A	611	0.235	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2005 PHASE 3F ALTERNATIVE C (WITH FRAMEWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2005 PEAK HOUR PERFORMANCE SUMMARY																								
No.                      Link Location			Lane Cntr	AM Peak Hour							PM Peak Hour							Airport Peak Hour						
				No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB		
				Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS		Vol	V/C	LOS	Vol	V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	9321	0.932	D	9386	0.939	D	5	10438	1.044	F(0)	9283	0.929	D	5	11300	1.130	F(0)	10781	1.078	F(0)
			2,000	1	1470	0.735	C	1538	0.789	C	1	1684	0.847	D	1440	0.720	C	1	1763	0.882	D	2299	1.150	F(0)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	8502	1.063	F(0)	9503	1.188	F(0)	4	9904	1.238	F(0)	9362	1.170	F(0)	4	10208	1.275	F(1)	9205	1.151	F(0)
			2,000	1	1827	0.914	D	1842	0.821	D	1	2121	1.061	F(0)	1684	0.847	D	1	1988	0.994	E	2114	1.057	F(0)
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	4	8793	1.099	F(0)	7333	0.917	D	4	7893	0.987	E	9428	1.178	F(0)	4	9155	1.144	F(0)	8592	1.074	F(0)
			2,000	1	2122	1.061	F(0)	1090	0.545	B	1	1831	0.916	D	1892	0.946	E	1	2245	1.123	F(0)	1811	0.906	D
4	Interstate 105	e/o Crenshaw Blvd. HOV	2,000	4	6253	0.782	D	7892	0.987	E	4	7065	0.883	D	7102	0.888	D	4	4413	0.552	C	4846	0.506	C
			2,000	1	1255	0.628	C	2004	1.002	E	1	2239	1.120	F(0)	1727	0.864	D	1	1962	0.981	E	2280	1.140	F(0)

Los Angeles International Airport Master Plan

**2005 PHASE 3F ALTERNATIVE C (WITH FRAMEWORK) WEEKDAY PEAK HOUR L.O.S. FOR FREEWAY RAMP**

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	675	0.450	B	727	0.485	B	1127	0.751	C
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	604	0.201	A	776	0.259	A	699	0.233	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	259	0.173	A	662	0.441	B	591	0.394	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	267	0.178	A	280	0.187	A	272	0.181	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	1221	0.814	D	855	0.570	C	599	0.399	B
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	555	0.370	B	740	0.493	B	568	0.379	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	688	0.459	B	702	0.468	B	352	0.235	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	764	0.509	B	852	0.568	C	406	0.271	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	741	0.494	B	825	0.417	B	495	0.330	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	543	0.362	B	745	0.497	B	551	0.367	B
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	489	0.326	A	559	0.373	B	691	0.461	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1331	0.887	D	917	0.611	C	1147	0.765	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	757	0.505	B	1095	0.730	C	637	0.425	B
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	1175	0.783	D	1089	0.726	C	1601	1.067	F(0)
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	335	0.223	A	379	0.253	A	458	0.305	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	396	0.264	A	313	0.209	A	366	0.244	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	365	0.243	A	694	0.463	B	492	0.328	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1334	0.889	D	792	0.528	B	594	0.396	B
19	405 NB on-ramp at Century Blvd. EB	1,500	1	572	0.381	B	1272	0.848	D	550	0.367	B
20	405 NB on-ramp at Century Blvd. WB	1,500	1	625	0.417	B	459	0.306	A	543	0.362	B
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	362	0.241	A	178	0.119	A	343	0.229	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	158	0.105	A	182	0.121	A	243	0.162	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	223	0.149	A	290	0.193	A	396	0.264	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	12	0.008	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	451	0.301	A	114	0.076	A	215	0.143	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	360	0.240	A	1439	0.955	E	477	0.318	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	784	0.523	B	622	0.415	B	538	0.359	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	272	0.181	A	642	0.428	B	321	0.214	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	384	0.256	A	321	0.214	A	480	0.320	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1189	0.396	B	1845	0.615	C	1160	0.387	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	2337	0.519	B	3289	0.731	C	2952	0.656	C
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2194	0.731	C	1833	0.611	C	2265	0.755	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	635	0.423	B	370	0.247	A	532	0.355	A
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	767	0.511	B	875	0.583	C	810	0.540	B
35	105 WB off-ramp Nash St.	1,500	1	1546	1.031	F(0)	273	0.182	A	666	0.444	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	816	0.544	B	896	0.597	C	795	0.530	B
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	292	0.195	A	340	0.227	A	211	0.141	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	925	0.617	C	1091	0.727	C	638	0.425	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	115	0.077	A	664	0.443	B	521	0.347	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.601	B
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.491	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.541	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.775	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.735	C
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.873	D
7	AVIATION BLVD & 111TH ST	10	AM	0.449	A
8	AVIATION BLVD & CENTURY BLVD	11	AM	0.941	E
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.090	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.104	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.202	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.331	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.161	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.460	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.771	C
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.745	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.871	D
18	VISTA DEL MAR & CULVER BLVD	33	AM	0.672	B
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.379	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.143	F
21	VISTA DEL MAR & GRAND AV	36	AM	0.961	E
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.839	D
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	1.232	F
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.754	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.742	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.265	A
27	MAIN ST & IMPERIAL HWY	47	AM	0.802	D
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.270	F
29	PERSHING DR & IMPERIAL HWY	49	AM	1.243	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.812	D
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	1.014	F
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.697	B
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.826	D
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.531	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.435	F
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.217	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.379	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.289	A

## CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.392	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.730	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.829	D
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.728	C
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.516	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.654	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.842	D
46	LINCOLN BLVD & 83RD ST	87	AM	1.217	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.845	D
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.582	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.669	B
50	PERSHING DR & MANCHESTER AV	98	AM	0.487	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.038	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.815	D
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.342	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.703	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.287	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.785	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.880	D
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.598	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.752	C
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.637	B
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.303	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.906	E
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.652	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.582	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.875	D
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.951	E
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	0.847	D
7	AVIATION BLVD & 111TH ST	10	PM	0.490	A
8	AVIATION BLVD & CENTURY BLVD	11	PM	1.094	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.084	F
10	AVIATION BLVD & IMPERIAL HWY	13	PM	1.316	F
11	AVIATION BLVD & MANCHESTER AV	14	PM	1.014	F
12	AVIATION BLVD & ROSECRANS AV	15	PM	1.649	F
13	CENTINELA AV & JEFFERSON BLVD	18	PM	1.356	F
14	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.266	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	PM	0.817	D
16	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.852	D
17	CULVER BLVD & JEFFERSON BLVD	28	PM	1.473	F
18	VISTA DEL MAR & CULVER BLVD	33	PM	0.459	A
19	DOUGLAS ST & IMPERIAL HWY	34	PM	0.665	B
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.293	F
21	VISTA DEL MAR & GRAND AV	36	PM	0.523	A
22	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.063	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.966	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.966	E
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.748	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.303	A
27	MAIN ST & IMPERIAL HWY	47	PM	1.076	F
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.612	B
29	PERSHING DR & IMPERIAL HWY	49	PM	1.100	F
30	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.058	F
31	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.725	C
32	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.545	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.925	E
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.710	C
35	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.187	F
36	LA CIENEGA BLVD & 111TH ST	67	PM	0.275	A
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.491	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.245	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.534	A
40	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.761	C
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.955	E
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.926	E
43	LINCOLN BLVD & LA TIJERA BLVD	81	PM	0.576	A
44	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.766	C
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	0.912	E
46	LINCOLN BLVD & 83RD ST	87	PM	1.480	F
47	LINCOLN BLVD & MANCHESTER AV	88	PM	1.514	F
48	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.629	B
49	LINCOLN BLVD & TEALE ST	94	PM	0.635	B
50	PERSHING DR & MANCHESTER AV	98	PM	0.622	B
51	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.076	F
52	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.083	F
53	PERSHING DR & WESTCHESTER PKWY	101	PM	0.316	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.700	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	1.009	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.670	B
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.985	E
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.587	A
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.602	B
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.674	B
61	LA CIENEGA BLVD & 120TH ST	313	PM	0.441	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.969	E
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.742	C
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.762	C
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.960	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.874	D
6	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	0.908	E
7	AVIATION BLVD & 111TH ST	10	AM	0.847	D
8	AVIATION BLVD & CENTURY BLVD	11	AM	1.846	F
9	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.062	F
10	AVIATION BLVD & IMPERIAL HWY	13	AM	1.281	F
11	AVIATION BLVD & MANCHESTER AV	14	AM	1.539	F
12	AVIATION BLVD & ROSECRANS AV	15	AM	1.608	F
13	CENTINELA AV & JEFFERSON BLVD	18	AM	1.113	F
14	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.013	F
15	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.599	A
16	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.713	C
17	CULVER BLVD & JEFFERSON BLVD	28	AM	0.748	C
18	CULVER BLVD & VISTA DEL MAR	33	AM	0.457	A
19	DOUGLAS ST & IMPERIAL HWY	34	AM	0.591	A
20	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	0.976	E
21	VISTA DEL MAR & GRAND AV	36	AM	0.597	A
22	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.561	F
23	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.907	E
24	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.755	C
25	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.769	C
26	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.629	B
27	MAIN ST & IMPERIAL HWY	47	AM	0.588	A
28	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.446	A
29	PERSHING DR & IMPERIAL HWY	49	AM	0.724	C
30	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.846	D
31	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.713	C
32	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.556	A
33	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.732	C
34	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.473	A
35	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.834	D
36	LA CIENEGA BLVD & 111TH ST	67	AM	0.643	B
37	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.591	A
38	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.374	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.884	D
40	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.133	F
41	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.601	B
42	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.451	A
43	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.422	A
44	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.688	B
45	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.479	A
46	LINCOLN BLVD & 83RD ST	87	AM	1.550	F
47	LINCOLN BLVD & MANCHESTER AV	88	AM	0.945	E
48	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.521	A
49	LINCOLN BLVD & TEALE ST	94	AM	0.468	A
50	PERSHING DR & MANCHESTER AV	98	AM	0.379	A
51	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.905	E
52	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.186	F
53	PERSHING DR & WESTCHESTER PKWY	101	AM	0.142	A
54	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.889	F
55	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.006	F
56	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.719	C
57	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.599	A
58	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.663	B
59	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.407	A
60	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.455	A
61	LA CIENEGA BLVD & 120TH ST	313	AM	0.439	A

Los Angeles International Airport Master Plan

2015 PHASE 3F: ADJUSTED ENVIRONMENTAL BASELINE (W/FRAWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

2015 PHASE 3F: ADJUSTED ENVIRONMENTAL BASELINE (W/FRAMEWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE																								
			AM Peak Hour						PM Peak Hour						AP Peak Hour									
			Lane Cap	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS
No.	Link	Location																						
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1641	0.757	C	1914	0.894	D	2	2094	0.979	E	1996	0.933	E	2	1631	0.762	C	1717	0.802	C
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1748	0.961	E	1165	0.640	B	2	1521	0.836	D	1691	0.930	E	2	1377	0.757	C	1586	0.872	D
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	1221	0.671	B	1028	0.565	A	2	874	0.480	A	1425	0.783	C	2	1132	0.622	B	1254	0.689	B
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1671	0.919	E	1284	0.706	C	2	1947	1.070	F	1753	0.964	E	2	1555	0.855	D	1756	0.965	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	864	0.950	E	870	0.957	E	1	812	0.893	D	1081	1.189	F	1	807	0.887	D	931	1.024	F
6	Stockor Street	e/o La Brea Avenue	850	2	839	0.494	A	914	0.538	A	2	1097	0.645	B	848	0.499	A	2	971	0.571	A	971	0.571	A
7	Slauson Avenue	e/o La Brea Avenue	850	3	1061	0.416	A	1877	0.736	C	3	1691	0.663	B	1229	0.492	A	3	984	0.386	A	956	0.375	A
8	Centinela Avenue	e/o La Brea Avenue	850	2	699	0.411	A	1734	1.020	F	2	1250	0.735	C	2010	1.182	F	2	1301	0.765	C	1052	0.625	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3111	0.561	A	2999	0.540	A	3	3631	0.654	B	3330	0.600	A	3	2169	0.391	A	2268	0.409	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1328	0.521	A	939	0.552	A	2*	1122	0.660	B	1564	0.613	B	2	791	0.465	A	887	0.522	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	724	0.425	A	485	0.285	A	2	720	0.424	A	767	0.451	A	2	1067	0.628	B	617	0.363	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1043	0.409	A	1308	0.513	A	3	1640	0.843	B	1193	0.468	A	3	1338	0.525	A	1147	0.450	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	497	0.292	A	969	0.380	A	3	1478	0.580	A	863	0.338	A	2	796	0.468	A	1130	0.665	B
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2742	0.703	B	826	0.212	A	3	1737	0.445	A	3039	0.779	C	3	1601	0.411	A	1205	0.309	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	5018	0.965	E	1332	0.256	A	4	2416	0.465	A	4617	0.888	D	4	2706	0.520	A	2817	0.542	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	661	0.363	A	1019	0.560	A	2	634	0.349	A	982	0.540	A	2	837	0.460	A	1025	0.563	A
17	Washington Boulevard	e/o Lincoln Boulevard**	910	2	1192	0.655	B	786	0.432	A	2	1091	0.600	A	867	0.477	A	2	807	0.334	A	885	0.487	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1107	0.259	A	1187	0.277	A	2	1342	0.314	A	1259	0.294	A	2	1488	0.348	A	1372	0.321	A
19	Culver Boulevard	e/o Lincoln Boulevard**	1850	2	2445	0.661	B	87	0.024	A	2	1038	0.281	A	1323	0.358	A	2	1292	0.349	A	842	0.309	A
20	Jefferson Avenue	e/o Lincoln Boulevard**	910	4*	2859	0.786	C	863	0.316	A	4*	1728	0.475	A	2513	0.921	E	4*	1036	0.285	A	2728	0.637	B
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	3892	0.909	E	1711	0.400	A	4	3869	0.904	D	2956	0.691	B	2	1182	0.425	A	1285	0.462	A
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	2191	0.788	C	805	0.289	A	2	1420	0.510	A	1285	0.462	A	2	939	0.338	A	753	0.271	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	1228	0.441	A	502	0.180	A	2	597	0.251	A	1261	0.631	B	2	1068	0.534	A	1141	0.571	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1441	0.721	C	876	0.438	A	2	1300	0.650	B	1261	0.631	B	2	278	0.164	A	1196	0.704	B
25	Jefferson Boulevard	n/o Rodeo Road	850	2	697	0.410	A	1462	0.860	D	2	1013	0.596	A	952	0.560	A	2	1657	0.552	A	1462	0.487	A
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	2843	0.948	E	1290	0.430	A	3	2227	0.742	C	2534	0.845	D	3	1447	0.567	A	2132	0.836	D
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	982	0.385	A	2540	0.996	E	3	2235	0.876	D	1753	0.687	B	3	1477	0.567	A	2132	0.836	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	487	0.191	A	1354	0.531	A	3	2042	0.801	C	996	0.391	A	2	1174	0.691	B	1508	0.887	D
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	881	0.518	A	601	0.354	A	2	829	0.488	A	1433	0.843	D	2	855	0.503	A	535	0.315	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	2299	0.884	D	380	0.146	A	2	542	0.208	A	1533	0.590	A	2	844	0.325	A	575	0.221	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM Peak Hour and the reverse for PM Peak Hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson e/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSC, the capacities of these links have been increased by 7 percent to reflect ATSC.

Los Angeles International Airport Master Plan

2015 PHASE 3F: ADJUSTED ENVIRONMENTAL BASELINE (W/FRAWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINE SEGMENTS

2015 PHASE 3F: ADJUSTED ENVIRONMENTAL BASELINE (W/FRAMEWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE (LOS)															AP Peak Hour									
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						No. of Lanes	NB/EB			SB/WB					
			No. of Lanes	Vol	NB/EB V/C	LOS	Vol	SB/WB V/C	LOS	No. of Lanes	Vol	NB/EB V/C	LOS	Vol		SB/WB V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2000	5	8874	0.887	D	8199	0.820	D	5	9747	0.975	E	7836	0.784	D	5	10493	1.049	F(0)	9647	0.965	E
			2000	1	698	0.449	B	1426	0.713	C	1	1672	0.836	D	1588	0.794	D	1	1661	0.831	D	2504	1.252	F(0)
2	Interstate 405	n/o La Tijera Blvd. HOV	2000	4	8497	1.062	F(0)	9115	1.139	F(0)	4	9503	1.188	F(0)	9226	1.153	F(0)	4	10163	1.270	F(1)	8885	1.085	F(0)
			2000	1	1090	0.545	B	1177	0.589	C	1	1662	0.831	D	1553	0.777	C	1	1832	0.916	D	2188	1.094	F(0)
3	Interstate 405	s/o Rosecrans Ave. HOV	2000	4	9129	1.141	F(0)	7054	0.882	D	4	8309	1.039	F(0)	9841	1.230	F(0)	4	9886	1.211	F(0)	8958	1.120	F(0)
			2000	1	1247	0.624	C	605	0.303	A	1	1164	0.582	C	1450	0.725	C	1	1613	0.807	D	1503	0.752	C
4	Interstate 105	e/o Crenshaw Blvd. HOV	2000	4	6400	0.800	D	8362	1.045	F(0)	4	7598	0.950	E	7589	0.949	E	4	4576	0.572	C	5030	0.629	C
			2000	1	666	0.333	A	1044	0.522	B	1	1415	0.708	C	1095	0.548	B	1	1359	0.680	C	1587	0.794	D

Los Angeles International Airport Master Plan  
2015 PHASE 3F ADJUSTED ENVIRONMENTAL BASELINE (W/FRAWORK) WEEKDAY PEAK HOUR  
LEVELS OF SERVICE FOR FREEWAY RAMPS

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	675	0.450	B	761	0.507	B	1312	0.875	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	749	0.250	A	742	0.247	A	828	0.276	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	731	0.487	B	1040	0.693	C	727	0.485	B
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	290	0.193	A	327	0.218	A	395	0.263	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	833	0.555	C	700	0.467	B	514	0.343	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	516	0.344	A	685	0.457	B	627	0.418	B
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	645	0.430	B	848	0.565	C	429	0.286	A
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	649	0.433	B	795	0.530	B	446	0.297	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	642	0.428	B	541	0.427	B	471	0.314	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	402	0.268	A	544	0.363	B	347	0.231	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	478	0.319	A	492	0.328	A	634	0.423	B
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1162	0.775	C	696	0.464	B	974	0.649	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	797	0.531	B	1213	0.809	D	902	0.601	C
14	405 SB off-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	762	0.508	B	632	0.421	B	952	0.635	C
15	405 SB on-ramp at La Cienega Blvd. (n/o Century Blvd.)	1,500	1	223	0.149	A	397	0.265	A	403	0.269	A
16	405 SB off-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	338	0.225	A	484	0.323	A	272	0.181	A
17	405 SB on-ramp at La Cienega Blvd. (s/o Century Blvd.)	1,500	1	569	0.379	B	842	0.561	C	533	0.355	A
18	405 NB off-ramp at Century Blvd.	1,500	1	1143	0.762	C	718	0.479	B	475	0.317	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	371	0.247	A	794	0.529	B	158	0.105	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	630	0.420	B	385	0.257	A	425	0.283	A
21	405 SB off-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	357	0.238	A	193	0.129	A	259	0.173	A
22	405 SB on-ramp at La Cienega Blvd. (n/o Imperial Hwy.)	1,500	1	118	0.079	A	142	0.095	A	237	0.158	A
23	405 SB off-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	174	0.116	A	248	0.166	A	356	0.237	A
24	405 SB on-ramp at La Cienega Blvd. (n/o El Segundo Blvd.)	1,500	1	80	0.053	A	299	0.199	A	0	0.000	A
25	405 SB off-ramp El Segundo Blvd.	1,500	1	463	0.309	A	210	0.140	A	189	0.126	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	319	0.213	A	1447	0.965	E	423	0.282	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	813	0.542	B	639	0.426	B	490	0.327	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	236	0.157	A	653	0.435	B	322	0.215	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	385	0.257	A	329	0.219	A	474	0.316	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1211	0.404	B	2400	0.800	D	1587	0.529	B
31	105 EB on-ramp Imperial Highway (w/o Sepulveda Blvd.)	1,500	3	1051	0.234	A	1955	0.434	B	1377	0.306	A
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2957	0.986	E	2134	0.711	C	2422	0.807	D
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	790	0.527	B	502	0.335	A	826	0.551	C
34	105 EB on-ramp Imperial Highway (e/o Sepulveda Blvd.)	1,500	1	789	0.526	B	940	0.627	C	874	0.583	C
35	105 WB off-ramp Nash St.	1,500	1	1719	1.146	F(0)	320	0.213	A	747	0.498	B
36	105 EB on-ramp Imperial Highway (e/o Hawthorne Blvd.)	1,500	1	823	0.549	B	833	0.555	C	861	0.574	C
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	328	0.219	A	280	0.187	A	220	0.147	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	920	0.613	C	1192	0.795	D	611	0.407	B
39	105 EB On-ramp Atwood Wy (Bet Nash/Douglas)	1,500	1	131	0.087	A	714	0.476	B	520	0.347	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.408	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.395	A
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.775	C
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.779	C
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.898	D
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.614	F
8	AVIATION BLVD & 111TH ST	10	AM		
9	AVIATION BLVD & CENTURY BLVD	11	AM	1.363	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.167	F
11	AVIATION BLVD & IMPERIAL HWY	13	AM	0.855	D
12	AVIATION BLVD & MANCHESTER AV	14	AM	0.703	C
13	AVIATION BLVD & ROSECRANS AV	15	AM	1.367	F
14	CENTINELA AV & JEFFERSON BLVD	18	AM	1.105	F
15	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.505	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	AM	1.131	F
17	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.486	A
18	CULVER BLVD & JEFFERSON BLVD	28	AM	0.527	A
19	VISTA DEL MAR & CULVER BLVD	33	AM	0.314	A
20	DOUGLAS ST & IMPERIAL HWY	34	AM	0.331	A
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.133	F
22	VISTA DEL MAR & GRAND AV	36	AM	0.701	C
23	LA CIENEGA BLVD & FLORENCE AV	40	AM	0.808	D
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.978	E
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.943	E
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.656	B
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.253	A
28	MAIN ST & IMPERIAL HWY	47	AM	0.511	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.452	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	1.223	F
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	1.049	F
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.719	C
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.734	C
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.835	D
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.486	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	1.443	F
38	LA CIENEGA BLVD & 111TH ST	67	AM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.387	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.293	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.678	B
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	0.713	C
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.994	E
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.750	C
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	0.910	E
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.607	B
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	1.244	F
48	LINCOLN BLVD & 83RD ST	87	AM	1.297	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	1.048	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.811	D
52	PERSHING DR & MANCHESTER AV	98	AM	0.494	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	1.206	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	0.905	E
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.599	A
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.655	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	1.153	F
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.942	E
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.691	B
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.891	D
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.723	C
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.807	D
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.644	B
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.325	A



# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	PM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	PM	0.624	B
3	AIRPORT BLVD & LA TIJERA BLVD	5	PM	0.499	A
4	AIRPORT BLVD & MANCHESTER AV	6	PM	0.722	C
5	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.845	D
6	AVIATION BLVD & ARBOR VITAE ST	7	PM	0.784	C
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	PM	1.395	F
8	AVIATION BLVD & 111TH ST	10	PM		
9	AVIATION BLVD & CENTURY BLVD	11	PM	1.169	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	PM	1.117	F
11	AVIATION BLVD & IMPERIAL HWY	13	PM	1.226	F
12	AVIATION BLVD & MANCHESTER AV	14	PM	0.856	D
13	AVIATION BLVD & ROSECRANS AV	15	PM	1.673	F
14	CENTINELA AV & JEFFERSON BLVD	18	PM	1.298	F
15	SEPULVEDA BLVD & CENTINELA AV	22	PM	1.305	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	PM	1.046	F
17	SEPULVEDA BLVD & CENTURY BLVD	27	PM	0.626	B
18	CULVER BLVD & JEFFERSON BLVD	28	PM	1.322	F
19	VISTA DEL MAR & CULVER BLVD	33	PM	0.462	A
20	DOUGLAS ST & IMPERIAL HWY	34	PM	0.527	A
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	PM	1.260	F
22	VISTA DEL MAR & GRAND AV	36	PM	0.621	B
23	LA CIENEGA BLVD & FLORENCE AV	40	PM	1.017	F
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	PM	0.891	D
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	PM	0.932	E
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	PM	0.732	C
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	PM	0.291	A
28	MAIN ST & IMPERIAL HWY	47	PM	0.515	A
29	MAIN ST & IMPERIAL HWY	47	PM	0.559	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	PM	0.714	C
31	PERSHING DR & IMPERIAL HWY	49	PM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	PM	1.631	F
33	VISTA DEL MAR & IMPERIAL HWY	51	PM	0.638	B
34	LA CIENEGA BLVD & IMPERIAL HWY	52	PM	0.586	A
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	PM	0.905	E
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	PM	0.691	B
37	LINCOLN BLVD & JEFFERSON BLVD	57	PM	1.176	F
38	LA CIENEGA BLVD & 111TH ST	67	PM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	PM	0.490	A
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	PM	0.227	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	PM	0.797	C
42	LA CIENEGA BLVD & MANCHESTER AV	72	PM	0.698	B
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	PM	0.845	D
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	PM	0.962	E
45	LINCOLN BLVD & LA TIJERA BLVD	81	PM	1.279	F
46	LA TIJERA BLVD & MANCHESTER AV	82	PM	0.727	C
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	PM	1.376	F
48	LINCOLN BLVD & 83RD ST	87	PM	1.583	F
49	LINCOLN BLVD & MANCHESTER AV	88	PM	1.686	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	PM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	PM	0.622	B
52	PERSHING DR & MANCHESTER AV	98	PM	1.031	F
53	SEPULVEDA BLVD & MANCHESTER AV	99	PM	1.035	F
54	SEPULVEDA BLVD & MARIPOSA AV	100	PM	1.485	F
55	PERSHING DR & WESTCHESTER PKWY	101	PM	0.762	C
56	SEPULVEDA BLVD & ROSECRANS AV	103	PM	1.742	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	PM	0.868	D
58	SEPULVEDA BLVD & 76TH/77TH ST	106	PM	0.637	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.857	D
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	PM	0.805	D
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	PM	0.657	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	PM	0.652	B
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	PM	0.680	B
64	LA CIENEGA BLVD & 120TH ST	313	PM	0.426	A

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
1	AIRPORT BLVD & ARBOR VITAE ST	3	AM	0.000	A
2	AIRPORT BLVD & CENTURY BLVD	4	AM	0.410	A
3	AIRPORT BLVD & LA TIJERA BLVD	5	AM	0.671	B
4	AIRPORT BLVD & MANCHESTER AV	6	AM	0.906	E
5	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.934	E
6	AVIATION BLVD & ARBOR VITAE ST	7	AM	0.995	E
7	LA CIENEGA BLVD & ARBOR VITAE ST	8	AM	1.121	F
8	AVIATION BLVD & 111TH ST	10	AM		
9	AVIATION BLVD & CENTURY BLVD	11	AM	1.894	F
10	AVIATION BLVD & EL SEGUNDO BLVD	12	AM	1.183	F
11	AVIATION BLVD & IMPERIAL HWY	13	AM	1.179	F
12	AVIATION BLVD & MANCHESTER AV	14	AM	1.187	F
13	AVIATION BLVD & ROSECRANS AV	15	AM	1.692	F
14	CENTINELA AV & JEFFERSON BLVD	18	AM	1.129	F
15	SEPULVEDA BLVD & CENTINELA AV	22	AM	1.027	F
16	LA CIENEGA BLVD & CENTURY BLVD	26	AM	0.914	E
17	SEPULVEDA BLVD & CENTURY BLVD	27	AM	0.271	A
18	CULVER BLVD & JEFFERSON BLVD	28	AM	0.743	C
19	CULVER BLVD & VISTA DEL MAR	33	AM	0.369	A
20	DOUGLAS ST & IMPERIAL HWY	34	AM	0.544	A
21	SEPULVEDA BLVD & EL SEGUNDO BLVD	35	AM	1.091	F
22	VISTA DEL MAR & GRAND AV	36	AM	0.809	D
23	LA CIENEGA BLVD & FLORENCE AV	40	AM	1.469	F
24	HIGHLAND AV/VISTA DEL MAR & ROSECRANS AV	43	AM	0.911	E
25	SEPULVEDA BLVD & HOWARD HUGHES PKWY	44	AM	0.742	C
26	I-105 FWY/CONTINENTAL CITY DR & IMPERIAL HWY	45	AM	0.718	C
27	I-405 FWY NB RAMPS & IMPERIAL HWY	46	AM	0.633	B
28	MAIN ST & IMPERIAL HWY	47	AM	0.362	A
29	MAIN ST & IMPERIAL HWY	47	AM	0.343	A
30	I-105 FWY W/B OFF/NASH ST & IMPERIAL HWY	48	AM	0.398	A
31	PERSHING DR & IMPERIAL HWY	49	AM	0.000	A
32	SEPULVEDA BLVD & IMPERIAL HWY	50	AM	0.926	E
33	VISTA DEL MAR & IMPERIAL HWY	51	AM	0.548	A
34	LA CIENEGA BLVD & IMPERIAL HWY	52	AM	0.585	A
35	I-405 N/B RAMPS & JEFFERSON BLVD	54	AM	0.710	C
36	I-405 S/B RAMPS & JEFFERSON BLVD	55	AM	0.447	A
37	LINCOLN BLVD & JEFFERSON BLVD	57	AM	0.859	D
38	LA CIENEGA BLVD & 111TH ST	67	AM		

# CalcaDB

## SUMMARY SHEET

REC NO.	INTERSECTIONS	IS NO.	AM/PM	V/C	LOS
39	LA CIENEGA BLVD & I-405 RAMPS S/O CENTURY BL	68	AM	0.606	B
40	LA CIENEGA BLVD & I-405 FWY SB N/O IMPERIAL	69	AM	0.355	A
41	LA CIENEGA BLVD & LENNOX BLVD	71	AM	0.898	D
42	LA CIENEGA BLVD & MANCHESTER AV	72	AM	1.130	F
43	I-405 N/B RAMPS & LA TIJERA BLVD	78	AM	0.467	A
44	I-405 S/B RAMPS & LA TIJERA BLVD	79	AM	0.614	B
45	LINCOLN BLVD & LA TIJERA BLVD	81	AM	1.022	F
46	LA TIJERA BLVD & MANCHESTER AV	82	AM	0.605	B
47	SEPULVEDA BLVD & LA TIJERA BLVD	83	AM	0.632	B
48	LINCOLN BLVD & 83RD ST	87	AM	1.589	F
49	LINCOLN BLVD & MANCHESTER AV	88	AM	1.199	F
50	SEPULVEDA BLVD & LINCOLN BLVD	93	AM	0.000	A
51	LINCOLN BLVD & TEALE ST	94	AM	0.499	A
52	PERSHING DR & MANCHESTER AV	98	AM	0.227	A
53	SEPULVEDA BLVD & MANCHESTER AV	99	AM	0.833	D
54	SEPULVEDA BLVD & MARIPOSA AV	100	AM	1.594	F
55	PERSHING DR & WESTCHESTER PKWY	101	AM	0.481	A
56	SEPULVEDA BLVD & ROSECRANS AV	103	AM	1.929	F
57	SEPULVEDA BLVD & I-105 OFF RAMP N/O IMPERIAL HW	105	AM	0.941	E
58	SEPULVEDA BLVD & 76TH/77TH ST	106	AM	0.646	B
59	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.464	A
60	SEPULVEDA BLVD & WESTCHESTER PKWY	109	AM	0.569	A
61	LA CIENEGA BLVD & I-405 SB RAMPS N/O CENTURY	111	AM	0.685	B
62	I-405 NB OFF-RAMP & CENTURY BLVD	307	AM	0.445	A
63	LA CIENEGA BLVD & EL SEGUNDO BLVD	312	AM	0.505	A
64	LA CIENEGA BLVD & 120TH ST	313	AM	0.529	A

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE C (W/FRAWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR ROADWAY SEGMENTS

No.		Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour								
				No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB		
					Vol	Y/C	LOS	Vol	Y/C	LOS		Vol	Y/C	LOS	Vol	Y/C	LOS		Vol	Y/C	LOS	Vol	Y/C	LOS
1	Lincoln Boulevard	s/o Venice Boulevard**	1070	2	1698	0.793	C	1938	0.906	E	2	2078	0.971	E	2040	0.953	E	2	1702	0.795	C	1726	0.807	D
2	Centinela Avenue	s/o Venice Boulevard**	910	2	1792	0.985	E	1199	0.659	B	2	1543	0.848	D	1768	0.971	E	2	1445	0.794	C	1592	0.875	D
3	Sawtelle Boulevard	s/o Venice Boulevard**	910	2	1291	0.709	C	1056	0.580	A	2	983	0.529	A	1491	0.819	D	2	1244	0.684	B	1319	0.725	C
4	Sepulveda Boulevard	s/o Venice Boulevard**	910	2	1884	0.925	E	1311	0.720	C	2	1954	1.074	F	1815	0.997	E	2	1568	0.862	D	1784	0.980	E
5	Overland Avenue	s/o Venice Boulevard**	910	1	893	0.881	E	878	0.865	E	1	824	0.905	E	1109	1.219	F	1	830	0.912	E	941	1.034	F
6	Stocker Street	s/o La Brea Avenue	850	2	880	0.524	A	944	0.555	A	2	1118	0.658	B	885	0.521	A	2	1019	0.599	A	1033	0.608	B
7	Slauson Avenue	s/o La Brea Avenue	850	3	1027	0.403	A	1867	0.732	C	3	1707	0.669	B	1236	0.485	A	3	990	0.388	A	937	0.367	A
8	Centinela Avenue	s/o La Brea Avenue	850	2	853	0.384	A	1718	1.011	F	2	1224	0.720	C	2008	1.181	F	2	1254	0.738	C	1060	0.624	B
9	La Cienega Boulevard	s/o Slauson Avenue	1850	3	3221	0.580	A	3038	0.547	A	3	3685	0.664	B	3429	0.618	B	3	2239	0.403	A	2302	0.415	A
10	Manchester Boulevard	w/o La Brea Avenue	850	3*	1434	0.562	A	967	0.569	A	2*	1179	0.694	B	1647	0.646	B	2	801	0.471	A	898	0.528	A
11	Arbor Vitae	w/o La Brea Avenue	850	2	773	0.455	A	537	0.316	A	2	801	0.471	A	896	0.527	A	2	1136	0.668	B	657	0.386	A
12	Century Boulevard	w/o La Brea Avenue	850	3	1404	0.551	A	1390	0.545	A	3	1775	0.696	B	1296	0.508	A	3	1388	0.544	A	1224	0.480	A
13	Imperial Highway	w/o La Brea Avenue	850	2*	539	0.317	A	946	0.371	A	3	1506	0.591	A	923	0.362	A	2	841	0.495	A	1170	0.688	B
14	Aviation Boulevard	n/o Rosecrans Avenue	1300	3	2807	0.720	C	940	0.241	A	3	1811	0.464	A	3189	0.818	D	3	1712	0.439	A	1284	0.329	A
15	Sepulveda Boulevard	n/o Rosecrans Avenue	1300	4	4878	0.938	E	1414	0.272	A	4	2456	0.472	A	4703	0.904	D	4	2784	0.535	A	2794	0.537	A
16	Pacific Avenue	s/o Venice Boulevard**	910	2	749	0.412	A	1056	0.580	A	2	672	0.369	A	1026	0.564	A	2	915	0.503	A	1052	0.578	A
17	Washington Boulevard	s/o Lincoln Boulevard**	910	2	1178	0.648	B	745	0.408	A	2	1109	0.809	B	864	0.475	A	2	615	0.338	A	882	0.485	A
18	Marina Freeway	s/o Lincoln Boulevard**	2140	2	1215	0.284	A	1110	0.259	A	2	1328	0.310	A	1285	0.300	A	2	1478	0.345	A	1342	0.314	A
19	Culver Boulevard	s/o Lincoln Boulevard	1850	2	2213	0.588	A	82	0.022	A	2	993	0.288	A	1297	0.351	A	2	1209	0.327	A	1462	0.395	A
20	Jefferson Avenue	s/o Lincoln Boulevard**	910	4*	2734	0.751	C	1078	0.395	A	4*	1670	0.459	A	2345	0.859	D	4*	885	0.243	A	758	0.278	A
21	Lincoln Boulevard	s/o Jefferson Avenue**	1070	4	4710	1.100	F	1544	0.384	A	4	3882	0.902	D	3072	0.718	C	4	2821	0.659	B	2700	0.631	B
22	Culver Boulevard	w/o Jefferson Avenue**	1391	2	1312	0.472	A	798	0.287	A	2	1387	0.499	A	2306	0.829	D	2	1091	0.392	A	1254	0.451	A
23	Vista Del Mar	s/o Culver Boulevard**	1391	2	381	0.137	A	364	0.131	A	2	754	0.271	A	1140	0.410	A	2	712	0.256	A	742	0.287	A
24	La Brea Avenue	s/o Slauson Avenue	1000	2	1439	0.720	C	902	0.451	A	2	1310	0.655	B	1236	0.618	B	2	1066	0.533	A	1139	0.570	A
25	Jefferson Boulevard	n/o Rodeo Road	850	2	707	0.416	A	1487	0.875	D	2	945	0.556	A	905	0.532	A	2	271	0.159	A	1210	0.712	C
26	Sepulveda Boulevard	s/o Slauson Avenue	1000	3	3077	1.026	F	1182	0.394	A	3	2195	0.732	C	2532	0.844	D	3	1578	0.526	A	1451	0.484	A
27	Centinela Avenue	w/o Sepulveda Boulevard	850	3	1104	0.433	A	2635	1.033	F	3	2250	0.882	D	1940	0.781	C	3	1465	0.575	A	2065	0.810	D
28	El Segundo Boulevard	w/o Hawthorne Boulevard	850	3	524	0.205	A	1358	0.533	A	3	2081	0.808	D	1027	0.403	A	2	1186	0.898	B	1542	0.907	E
29	Inglewood Boulevard	n/o Rosecrans Avenue	850	2	896	0.527	A	622	0.366	A	2	880	0.518	A	1426	0.839	D	2	941	0.554	A	524	0.308	A
30	Vista Del Mar	s/o Grand Avenue	1300	2	1898	0.730	C	402	0.155	A	2	541	0.208	A	1409	0.542	A	2	820	0.315	A	638	0.245	A

\* Manchester w/o La Brea has 3 lanes in the eastbound direction and 2 lanes in the westbound direction for the AM peak hour and the reverse for PM peak hour due to a reversible lane.

Imperial w/o La Brea has 2 lanes in the eastbound direction and 3 lanes in the westbound direction during the AM peak hour due to on-street parking restriction.

Jefferson s/o Lincoln has 4 lanes in the eastbound direction and 3 lanes in the westbound direction during all three peak hours.

\*\* Intersections at both ends of these links have ATSC, the capacities of these links have been increased by 7 percent to reflect ATSC.

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE C (W/FRAWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY MAINLINES

2015 PHASE 3F: ALTERNATIVE C (W/ FRAMEWORK) WEEKDAY PEAK HOUR																								
No.	Link Location	Lane Cap	AM Peak Hour						PM Peak Hour						Airport Peak Hour									
			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			No. of Lanes	NB/EB			SB/WB			
				Vol	Y/C	LOS	Vol	Y/C	LOS		Vol	Y/C	LOS	Vol	Y/C	LOS		Vol	Y/C	LOS	Vol	Y/C	LOS	
1	Interstate 405	n/o Venice Blvd. HOV	2,000	5	9321	0.932	D	8448	0.845	D	5	9962	0.986	E	8053	0.805	D	5	10983	1.098	F(0)	9989	0.999	E
			2,000	1	1058	0.529	B	1511	0.756	C	1	1802	0.901	D	1643	0.822	D	1	1799	0.800	D	2549	1.275	F(1)
2	Interstate 405	n/o La Tijera Blvd. HOV	2,000	4	7788	0.974	E	7643	0.955	E	4	8295	1.037	F(0)	7975	0.997	E	4	9180	1.148	F(0)	7370	0.921	D
			2,000	1	1169	0.585	C	1024	0.512	B	1	1575	0.788	D	1359	0.680	C	1	1529	0.765	C	1720	0.860	D
3	Interstate 405	s/o Rosecrans Ave. HOV	2,000	4	9251	1.156	F(0)	7514	0.939	D	4	8499	1.062	F(0)	10039	1.255	F(0)	4	9977	1.247	F(0)	9281	1.160	F(0)
			2,000	1	1407	0.704	C	922	0.461	B	1	1284	0.642	C	1750	0.875	D	1	1653	0.832	D	1840	0.920	D
4	Interstate 105	s/o Crenshaw Blvd. HOV	2,000	4	7120	0.890	D	9336	1.167	F(0)	4	8499	1.082	F(0)	8454	1.057	F(0)	4	5287	0.661	C	5807	0.726	C
			2,000	1	857	0.429	B	1227	0.614	C	1	1588	0.794	D	1264	0.632	C	1	1570	0.785	D	1696	0.848	D

Los Angeles International Airport Master Plan

**2015 PHASE 3F: ALTERNATIVE C (W/FRAWORK) WEEKDAY PEAK HOUR LEVELS OF SERVICE FOR FREEWAY RAMPS**

No.	Freeway Ramps	Cap	No. of Lane	AM Peak Hour			PM Peak Hour			Airport Peak Hour		
				Vol	V/C	LOS	Vol	V/C	LOS	Vol	V/C	LOS
1	405 NB off-ramp at Sepulveda Blvd.	1,500	1	686	0.457	B	948	0.632	C	1311	0.874	D
2	405 SB off-ramp at Howard Hughes Pkwy.	1,500	2	397	0.132	A	577	0.192	A	391	0.130	A
3	405 SB on-ramp at Howard Hughes Pkwy.	1,500	1	538	0.359	A	1215	0.810	D	947	0.631	C
4	405 NB off-ramp at Howard Hughes Pkwy.	1,500	1	304	0.203	A	350	0.233	A	362	0.241	A
5	405 NB on-ramp at Howard Hughes Pkwy.	1,500	1	908	0.605	C	287	0.191	A	277	0.185	A
6	405 SB off-ramp at La Tijera Blvd.	1,500	1	331	0.221	A	617	0.411	B	386	0.257	A
7	405 SB on-ramp at La Tijera Blvd.	1,500	1	754	0.503	B	953	0.635	C	780	0.520	B
8	405 NB off-ramp at La Tijera Blvd.	1,500	1	779	0.519	B	911	0.607	C	418	0.279	A
9	405 NB on-ramp at La Tijera Blvd.	1,500	1	639	0.426	B	505	0.337	A	365	0.243	A
10	405 NB on-ramp at Manchester Blvd. East	1,500	1	421	0.281	A	511	0.341	A	226	0.151	A
11	405 NB on-ramp at Manchester Blvd. West	1,500	1	456	0.304	A	484	0.323	A	523	0.349	A
12	405 NB off-ramp at Manchester Blvd.	1,500	1	1240	0.827	D	771	0.514	B	995	0.663	C
13	405 SB on-ramp at Manchester Blvd.	1,500	1	1028	0.685	C	1297	0.865	D	1039	0.693	C
14	405 SB off-ramp at La Cienega Blvd.	1,500	1	649	0.433	B	527	0.351	A	828	0.552	C
	(n/o Century Blvd.)											
15	405 SB on-ramp at La Cienega Blvd.	1,500	1	405	0.270	A	439	0.293	A	487	0.325	A
	(n/o Century Blvd.)											
16	405 SB off-ramp at La Cienega Blvd.	1,500	1	211	0.141	A	288	0.192	A	235	0.157	A
	(s/o Century Blvd.)											
17	405 SB on-ramp at La Cienega Blvd.	1,500	1	487	0.325	A	853	0.569	C	470	0.313	A
	(s/o Century Blvd.)											
18	405 NB off-ramp at Century Blvd.	1,500	1	1227	0.818	D	766	0.511	B	491	0.327	A
19	405 NB on-ramp at Century Blvd. EB	1,500	1	500	0.333	A	763	0.509	B	120	0.080	A
20	405 NB on-ramp at Century Blvd. WB	1,500	1	651	0.434	B	434	0.289	A	463	0.309	A
21	405 SB off-ramp at La Cienega Blvd.	1,500	1	338	0.225	A	161	0.107	A	275	0.183	A
	(n/o Imperial Hwy.)											
22	405 SB on-ramp at La Cienega Blvd.	1,500	1	166	0.111	A	169	0.113	A	230	0.153	A
	(n/o Imperial Hwy.)											
23	405 SB off-ramp at La Cienega Blvd.	1,500	1	189	0.126	A	254	0.169	A	378	0.252	A
	(n/o El Segundo Blvd.)											
24	405 SB on-ramp at La Cienega Blvd.	1,500	1	80	0.053	A	299	0.199	A	8	0.005	A
	(n/o El Segundo Blvd.)											
25	405 SB off-ramp El Segundo Blvd.	1,500	1	448	0.299	A	140	0.093	A	186	0.124	A
26	405 SB on-ramp El Segundo Blvd.	1,500	1	378	0.252	A	1415	0.943	E	509	0.339	A
27	405 NB off-ramp El Segundo Blvd.	1,500	1	762	0.508	B	597	0.398	B	536	0.357	A
28	405 NB on-ramp El Segundo Blvd. EB	1,500	1	252	0.168	A	676	0.451	B	337	0.225	A
29	405 NB on-ramp El Segundo Blvd. WB	1,500	1	390	0.260	A	347	0.231	A	482	0.321	A
30	105 EB on-ramp Sepulveda Blvd. SB	1,500	2	1347	0.449	B	2135	0.712	C	1112	0.371	B
31	105 EB on-ramp Imperial Highway	1,500	3	2797	0.622	C	3670	0.816	D	3581	0.796	D
	(w/o Sepulveda Blvd.)											
32	105 WB off-ramp Sepulveda Blvd. NB	1,500	2	2390	0.797	D	2030	0.677	C	2316	0.772	C
33	105 WB off-ramp Sepulveda Blvd. SB	1,500	1	724	0.483	B	476	0.317	A	478	0.319	A
34	105 EB on-ramp Imperial Highway	1,500	1	778	0.519	B	873	0.582	C	842	0.561	C
	(e/o Sepulveda Blvd.)											
35	105 WB off-ramp Nash St.	1,500	1	1634	1.089	F(0)	315	0.210	A	640	0.427	B
36	105 EB on-ramp Imperial Highway	1,500	1	845	0.563	C	862	0.575	C	834	0.556	C
	(e/o Hawthorne Blvd.)											
37	105 EB on-ramp Hawthorne Blvd. SB	1,500	1	295	0.197	A	291	0.194	A	185	0.123	A
38	105 WB off-ramp Hawthorne Blvd.	1,500	1	939	0.626	C	1191	0.794	D	653	0.435	B
39	105 EB On-ramp Atwood Wy	1,500	1	100	0.067	A	693	0.462	B	494	0.329	A
	(Bet Nash/Douglas)											

# **Attachment D**

## **Master Plan Transportation Impacts (RTP Background Assumptions)**

INTERSECTIONS	BA ID	Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3				—	0.629			—	0.815			—	0.929			—
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	2722	3273	3950	—		0.608		—		0.891		—		0.902		—
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	2016	2464	2892	—		0.647		—		0.633		—		0.649		—
AIRPORT BLVD at CENTURY BLVD	4	5004	5421	4622	Yes	0.442	0.829	0.387	X	0.553	0.732	0.180	X	0.738	1.042	0.304	—
AIRPORT BLVD at LA TIJERA BLVD	5	2888	3177	3173	—	0.507	0.529	0.023	—	0.538	0.510	-0.028	—	0.684	0.678	-0.007	—
AIRPORT BLVD at MANCHESTER AV	6	3699	4046	4811	Yes	0.690	0.735	0.045	X	0.712	0.721	0.009	—	0.885	0.958	0.073	X
*AVIATION BLVD at ARBOR VITAE ST (1)	7				—	0.715			—	0.770			—	0.717			—
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	2911	3390	3309	—		0.719		—		0.796		—		0.725		—
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	2646	2933	3022	—		0.519		—		0.835		—		0.647		—
*LA CIENEGA BLVD at ARBOR VITAE ST	8	3447	3991	4945	Yes	0.732	0.833	0.101	X	0.696	0.670	-0.026	—	0.793	0.869	0.075	X
AVIATION BLVD at 111TH ST (3)	10				—	0.381			—	0.457			—	0.806			—
*AVIATION BLVD at CENTURY BLVD	11	6432	7089	7376	Yes	0.828	1.073	0.245	X	1.006	0.858	-0.148	—	1.804	1.124	-0.680	—
*AVIATION BLVD at EL SEGUNDO BLVD	12	5130	6461	5522	Yes	0.951	0.978	0.028	X	0.959	1.063	0.104	X	0.903	1.044	0.141	—
*AVIATION BLVD at IMPERIAL HWY	13	4270	6238	8315	—	0.935	0.601	-0.334	—	1.305	0.849	-0.456	—	1.243	1.145	-0.097	—
AVIATION BLVD at MANCHESTER AV	14	3781	4493	5235	Yes	0.980	0.790	-0.191	—	0.787	0.846	0.060	X	1.399	1.316	-0.083	—
AVIATION BLVD at ROSECRANS AV	15	6828	7824	6788	Yes	1.179	1.418	0.239	X	1.475	1.511	0.036	X	0.911	1.002	0.091	—
CENTINELA AV at JEFFERSON BLVD	18	4595	5923	3860	Yes	1.077	0.929	-0.148	—	1.100	1.133	0.033	X	0.911	1.002	0.091	—
SEPULVEDA BLVD at CENTINELA AV	22	6621	6503	4705	Yes	1.071	1.082	0.012	X	0.969	0.988	0.020	X	0.819	0.789	-0.030	—
*LA CIENEGA BLVD at CENTURY BLVD	26	5141	5761	4882	Yes	0.716	0.808	0.099	X	0.721	0.674	-0.047	—	0.535	0.594	0.059	—
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4367	4661	1629	—	0.731	0.473	-0.258	—	0.885	0.595	-0.289	—	0.861	0.152	-0.509	—
CULVER BLVD at JEFFERSON BLVD	28	2339	3805	2284	—	0.896	0.587	-0.309	—	1.072	0.953	-0.119	—	0.522	0.522	-0.068	—
VISTA DEL MAR at CULVER BLVD	33	1078	1698	1156	—	0.604	0.326	-0.278	—	0.347	0.369	0.023	—	0.364	0.280	-0.084	—
*DOUGLAS ST at IMPERIAL HWY	34	1407	2472	2620	—	0.433	0.231	-0.201	—	0.610	0.291	-0.319	—	0.516	0.431	-0.084	—
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6269	7525	6859	Yes	1.007	1.078	0.069	X	1.135	1.148	0.011	X	0.889	1.022	0.133	—
VISTA DEL MAR at GRAND AV	36	2213	2215	1752	—	0.813	0.562	-0.151	—	0.459	0.467	0.008	—	0.469	0.563	0.093	—
LA CIENEGA BLVD at FLORENCE AV	40	3497	4333	5310	Yes	0.690	0.820	0.130	X	0.925	1.015	0.090	X	1.428	1.484	0.057	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2420	2479	2158	—	1.145	0.957	-0.187	—	0.887	0.808	-0.079	—	0.862	0.842	-0.020	—
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	8283	6010	4923	Yes	0.710	0.840	0.130	X	0.788	0.775	-0.013	—	0.649	0.635	-0.015	—
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	3482	3181	4707	—	0.688	0.608	-0.080	—	0.797	0.521	-0.276	—	0.791	0.731	-0.060	—
*I-405 FWY NB RAMP at IMPERIAL HWY	46	1897	1906	3945	—	0.288	0.287	-0.021	—	0.275	0.280	0.005	—	0.649	0.672	0.023	—
*MAIN ST at IMPERIAL HWY (1)	47				—	0.812			—	0.997			—	0.522			—
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4460	4864	3767	—		0.874		—		0.813		—		0.817		—
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3049	3110	2562	—		0.829		—		0.672		—		0.658		—
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3398	2981	2860	—	1.283	1.103	-0.180	—	0.508	0.532	0.025	—	0.462	0.443	-0.019	—
PERSHING DR at IMPERIAL HWY (3)	49				—	1.080			—	0.807			—	0.616			—
*SEPULVEDA BLVD at IMPERIAL HWY	50	6746	7943	5824	Yes	0.797	0.988	0.191	X	1.015	1.482	0.467	X	0.794	0.798	0.004	—
*VISTA DEL MAR at IMPERIAL HWY	51	2256	2843	1792	—	0.774	0.704	-0.070	—	0.538	0.650	0.112	—	0.576	0.567	-0.009	—
*LA CIENEGA BLVD at IMPERIAL HWY	52	2533	3067	5297	—	0.802	0.326	-0.276	—	0.476	0.320	-0.156	—	0.537	0.682	0.045	—
I-405 N/B RAMP at JEFFERSON BLVD	54	2918	3624	2886	—	0.778	0.737	-0.041	—	0.842	0.836	-0.006	—	0.849	0.628	-0.021	—
I-405 S/B RAMP at JEFFERSON BLVD	55	3237	3705	2827	—	0.539	0.497	-0.042	—	0.704	0.841	-0.063	—	0.409	0.407	-0.002	—
LINCOLN BLVD at JEFFERSON BLVD	57	6493	8572	5571	Yes	0.930	0.958	0.027	X	1.252	1.097	-0.155	—	0.883	0.801	-0.082	—
LA CIENEGA BLVD at 111TH ST (3)	67				—	0.166			—	0.253			—	0.569			—
*LA CIENEGA BLVD at I-405 RAMP S/O CENTURY BL	68	1098	1815	2485	—	0.339	0.161	-0.178	—	0.482	0.335	-0.147	—	0.658	0.414	-0.244	—
*LA CIENEGA BLVD at I-405 FWY S/B N/O IMPERIAL	69	1217	1251	2104	—	0.256	0.237	-0.019	—	0.262	0.204	-0.058	—	0.393	0.310	-0.083	—
LA CIENEGA BLVD at LENNOX BLVD	71	1027	1170	2358	—	0.398	0.221	-0.175	—	0.430	0.168	-0.262	—	0.842	0.624	-0.218	—
LA CIENEGA BLVD at MANCHESTER AV	72	3486	4012	5232	Yes	0.647	0.697	0.049	—	0.759	0.693	-0.065	—	1.018	1.112	0.094	X
I-405 N/B RAMP at LA TIJERA BLVD	78	4152	4724	2282	—	0.878	0.811	-0.067	—	0.941	0.947	0.006	—	0.597	0.602	0.004	—
I-405 S/B RAMP at LA TIJERA BLVD	79	4112	4711	3077	—	0.760	0.656	-0.104	—	0.837	0.820	-0.017	—	0.401	0.407	0.006	—
LINCOLN BLVD at LA TIJERA BLVD	81	4255	5363	4283	Yes	0.462	0.595	0.124	—	0.522	0.737	0.214	X	0.303	0.745	0.441	—
LA TIJERA BLVD at MANCHESTER AV	82	3001	3856	2992	—	0.579	0.633	0.055	—	0.588	0.642	0.054	—	0.625	0.557	-0.068	—
SEPULVEDA BLVD at LA TIJERA BLVD	83	6348	7052	3174	Yes	0.781	1.490	0.710	X	0.682	1.505	0.822	X	0.411	0.704	0.293	—
LINCOLN BLVD at 83RD ST	87	5991	7957	6561	Yes	0.950	1.081	0.132	X	1.082	1.174	0.092	X	1.281	1.349	0.068	—
LINCOLN BLVD at MANCHESTER AV	88	5553	8147	5882	Yes	0.697	0.741	0.044	X	1.004	1.258	0.255	X	0.832	1.002	0.170	—
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				—	0.580			—	0.577			—	0.485			—
LINCOLN BLVD at TEALE ST	94	5180	6348	5057	—	0.544	0.582	0.038	—	0.611	0.576	-0.035	—	0.373	0.399	0.026	—
PERSHING DR at MANCHESTER AV	98	1319	1874	850	—	0.432	0.534	0.102	—	0.560	0.657	0.097	—	0.265	0.194	-0.071	—
SEPULVEDA BLVD at MANCHESTER AV	99	6174	6586	4264	Yes	0.936	1.051	0.115	X	0.953	1.088	0.135	X	0.810	0.808	-0.002	—
SEPULVEDA BLVD at MARIPOSA AV	100	6016	7265	5724	Yes	0.710	0.838	0.119	X	0.955	1.303	0.348	X	1.096	1.419	0.323	—
PERSHING DR at WESTCHESTER PKWY (2)	101	629	719	1032	—	0.281	0.177	-0.104	—	0.197	0.173	-0.024	—	0.114	0.374	0.260	—
SEPULVEDA BLVD at ROSECRANS AV	103	8177	9357	8020	—	1.540	1.646	0.105	X	1.700	1.595	-0.105	—	1.803	1.831	0.028	—
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4846	4034	3896	—	1.191	1.104	-0.087	—	0.947	0.915	-0.032	—	0.927	0.893	-0.035	—
SEPULVEDA BLVD at 76TH/77TH ST	108	4840	4581	4060	Yes	0.699	0.853	0.154	X	0.835	0.682	0.047	—	0.668	0.674	0.006	—
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109				—	0.791			—	0.882			—	0.511			—
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTIO	109A	4821	5203	2581	—		0.825		—		0.895		—		0.405		—
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTIO	109B	5012	5375	2644	—		0.717		—		0.683		—		0.415		—
*LA CIENEGA BLVD at I-405 SB RAMP N/O IMPERIAL	111	2738	2823	3158	—	0.760	0.737	0.037	—	0.589	0.517	-0.072	—	0.755	0.859	0.104	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3306	3752	2576	—	0.730	0.653	-0.077	—	0.580	0.593	0.013	—	0.309	0.440	0.131	—
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2888	3534	2908	—	0.588	0.611	0.022	—	0.590	0.615	0.026	—	0.416	0.441	0.025	—
LA CIENEGA BLVD at 120TH ST	313	1015	1295	803	—	0.232	0.257	0.025	—	0.418	0.341	-0.077	—	0.351	0.383	0.031	—

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# IMPACTS  
Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better. (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better. (3) Intersection does not exist in 2005. (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	BA ID	Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	ARA V/C	ARA - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	ARA V/C	ARA - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	ARA V/C	ARA - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3					0.629				0.815				0.929			
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	2750	2693	3891		0.726				0.667				0.715			
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	1752	2302	2752		0.577				0.681				0.770			
AIRPORT BLVD at CENTURY BLVD	4	5313	5299	4647	Yes	0.442	0.742	0.300	X	0.553	0.660	0.108	---	0.738	1.033	0.295	---
AIRPORT BLVD at LA TIJERA BLVD	5	2511	2918	3162	---	0.507	0.483	-0.024	---	0.536	0.529	-0.009	---	0.684	0.673	-0.011	---
AIRPORT BLVD at MANCHESTER AV	6	3481	3774	4658	Yes	0.690	0.689	-0.001	---	0.712	0.640	-0.072	---	0.885	0.928	0.044	X
*AVIATION BLVD at ARBOR VITAE ST (1)	7				---	0.715			---	0.770			---	0.717			---
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	2924	2938	3511		0.486				0.657				0.618			
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	2336	2643	3081		0.751				0.798				0.676			
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4130	4611	4985	Yes	0.732	1.145	0.413	X	0.696	0.879	0.183	X	0.793	0.877	0.083	X
AVIATION BLVD at 111TH ST (3)	10					0.381				0.457				0.806			
*AVIATION BLVD at CENTURY BLVD	11	7026	8000	7476	Yes	0.828	0.881	0.053	X	1.006	1.143	0.137	X	1.804	1.145	-0.659	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5220	6348	5620	Yes	0.951	1.018	0.068	X	0.959	1.009	0.050	X	0.903	1.073	0.170	---
*AVIATION BLVD at IMPERIAL HWY	13	5435	7381	6820	Yes	0.935	1.124	0.189	X	1.305	1.446	0.142	X	1.243	1.411	0.168	---
AVIATION BLVD at MANCHESTER AV	14	3564	4080	5290	---	0.980	0.933	-0.047	---	0.787	0.790	0.004	---	1.398	1.376	-0.023	---
AVIATION BLVD at ROSECRANS AV	15	7173	8457	8754	Yes	1.179	1.285	0.088	X	1.475	1.491	0.016	X	1.338	1.380	0.044	---
CENTINELA AV at JEFFERSON BLVD	18	4543	5577	3969	---	1.077	0.913	-0.164	---	1.100	1.042	-0.058	---	0.911	1.030	0.119	---
SEPULVEDA BLVD at CENTINELA AV	22	6242	6273	4763	---	1.071	1.065	-0.006	---	0.969	0.969	-0.010	---	0.819	0.807	-0.012	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6132	7353	4968	Yes	0.716	1.055	0.339	X	0.721	0.924	0.204	X	0.535	0.629	0.094	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4299	4235	1798	---	0.731	0.469	-0.262	---	0.885	0.520	-0.365	---	0.661	0.177	-0.485	---
CULVER BLVD at JEFFERSON BLVD	28	1978	3331	2246	---	0.896	0.475	-0.421	---	1.072	0.772	-0.300	---	0.588	0.506	-0.082	---
VISTA DEL MAR at CULVER BLVD	33	936	1551	1202	---	0.604	0.273	-0.332	---	0.347	0.347	0.000	---	0.364	0.291	-0.073	---
*DOUGLAS ST at IMPERIAL HWY	34	1822	2833	2349	---	0.433	0.283	-0.150	---	0.610	0.379	-0.231	---	0.516	0.405	-0.110	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6153	7569	6867	Yes	1.007	1.045	0.039	X	1.135	1.100	-0.035	---	0.889	1.034	0.146	---
VISTA DEL MAR at GRAND AV	36	2199	2229	1765	---	0.813	0.643	-0.171	---	0.459	0.487	0.028	---	0.468	0.554	0.085	---
LA CIENEGA BLVD at FLORENCE AV	40	3502	4328	5307	Yes	0.890	0.797	0.108	X	0.925	1.030	0.105	X	1.428	1.479	0.052	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2332	2550	2170	---	1.145	0.884	-0.261	---	0.887	0.810	-0.077	---	0.882	0.846	-0.016	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6261	5931	5035	Yes	0.710	0.783	0.073	X	0.788	0.783	-0.005	---	0.649	0.650	0.001	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5380	4955	5435	Yes	0.688	0.808	0.120	X	0.797	0.714	-0.082	---	0.791	0.789	-0.002	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1976	1842	3793	---	0.288	0.295	0.007	---	0.275	0.274	-0.001	---	0.649	0.658	0.009	---
*MAIN ST at IMPERIAL HWY (1)	47					0.812				0.997				0.522			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2710	3117	2446		0.527				0.601				0.525			
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1948	2058	1707		0.869				0.609				0.711			
*I-105 FWY W/O OFF/NASH ST at IMPERIAL HWY	48	3702	3190	2433	---	1.283	1.173	-0.110	---	0.508	0.572	0.065	---	0.462	0.416	-0.046	---
PERSHING DR at IMPERIAL HWY (3)	49					1.060				0.907				0.616			
*SEPULVEDA BLVD at IMPERIAL HWY	50	6507	7503	5659	Yes	0.797	0.870	0.073	X	1.015	1.425	0.409	X	0.794	0.742	-0.052	---
*VISTA DEL MAR at IMPERIAL HWY	51	2331	2853	2090	---	0.774	0.586	-0.187	---	0.538	0.542	0.004	---	0.576	0.488	-0.088	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	3797	3873	5408	---	0.602	0.691	0.089	---	0.476	0.551	0.075	---	0.537	0.577	0.039	---
I-405 NB RAMPS at JEFFERSON BLVD	54	2913	3717	2914	Yes	0.778	0.758	-0.018	---	0.842	0.897	0.055	X	0.649	0.648	-0.002	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3233	3774	2850	---	0.539	0.492	-0.047	---	0.704	0.672	-0.032	---	0.409	0.414	0.005	---
LINCOLN BLVD at JEFFERSON BLVD	57	6314	8497	5563	---	0.930	0.880	-0.050	---	1.252	1.080	-0.173	---	0.883	0.789	-0.094	---
LA CIENEGA BLVD at 111TH ST (3)	67					0.166				0.253				0.599			
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1643	2246	2518	---	0.339	0.331	-0.008	---	0.482	0.419	-0.063	---	0.658	0.439	-0.219	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1233	1414	1865	---	0.258	0.207	-0.048	---	0.262	0.239	-0.023	---	0.393	0.233	-0.159	---
LA CIENEGA BLVD at LENNOX BLVD	71	1324	1569	2297	---	0.396	0.336	-0.060	---	0.430	0.350	-0.079	---	0.642	0.629	-0.013	---
LA CIENEGA BLVD at MANCHESTER AV	72	3451	4170	5345	Yes	0.647	0.716	0.069	X	0.759	0.771	0.012	---	1.018	1.151	0.132	X
I-405 NB RAMPS at LA TIJERA BLVD	78	4288	4777	2287	Yes	0.878	0.902	0.024	X	0.941	0.962	0.022	X	0.507	0.597	-0.091	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4079	4700	3050	Yes	0.760	0.741	-0.019	---	0.837	0.868	0.032	X	0.401	0.390	-0.011	---
LINCOLN BLVD at LA TIJERA BLVD	81	5509	6250	4786	Yes	0.462	0.751	0.289	X	0.522	0.996	0.474	X	0.303	0.929	0.625	---
LA TIJERA BLVD at MANCHESTER AV	82	2851	3513	2829	---	0.578	0.580	0.002	---	0.588	0.531	0.043	---	0.625	0.544	-0.082	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6037	6403	2805	Yes	0.781	1.456	0.676	X	0.682	1.323	0.641	X	0.411	0.550	0.139	---
LINCOLN BLVD at 83RD ST	87	5855	7873	6662	Yes	0.950	0.889	0.039	X	1.082	1.229	0.147	X	1.281	1.379	0.099	---
LINCOLN BLVD at MANCHESTER AV	88	6212	8304	6092	Yes	0.697	0.851	0.154	X	1.004	1.284	0.280	X	0.832	0.975	0.143	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.580				0.577				0.485			
LINCOLN BLVD at TEALE ST	94	4970	6334	5036	---	0.544	0.590	0.046	---	0.611	0.588	-0.022	---	0.373	0.403	0.030	---
PERSHING DR at MANCHESTER AV	98	1112	1827	898	Yes	0.432	0.389	-0.043	---	0.560	0.843	0.283	X	0.265	0.238	-0.026	---
SEPULVEDA BLVD at MANCHESTER AV	99	6157	6206	4338	Yes	0.936	1.080	0.144	X	0.953	1.019	0.065	X	0.810	0.817	0.006	---
SEPULVEDA BLVD at MARIPOSA AV	100	5880	7089	5641	Yes	0.719	0.786	0.067	X	0.855	1.260	0.308	X	1.096	1.404	0.308	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1196	1216	1116	---	0.281	0.387	0.106	---	0.197	0.343	0.146	---	0.114	0.426	0.312	---
SEPULVEDA BLVD at ROSECRANS AV	103	8234	9586	8037	Yes	1.540	1.564	0.023	X	1.700	1.713	0.013	X	1.803	1.829	0.026	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4853	4050	3938	---	1.191	1.108	-0.083	---	0.947	0.919	-0.029	---	0.927	0.902	-0.025	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4961	4480	4174	Yes	0.698	0.854	0.155	X	0.635	0.858	0.024	---	0.668	0.688	0.020	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.791				0.882				0.511			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4400	4594	2128		0.806				0.741				0.431			
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5388	5488	2427		0.589				0.602				0.305			
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2765	3004	3185	Yes	0.700	0.751	0.051	X	0.589	0.822	0.033	---	0.755	0.873	0.118	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3740	4189	2548	---	0.730	0.752	0.022	---	0.580	0.649	0.069	---	0.309	0.403	0.093	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2892	3432	2967	---	0.588	0.504	0.008	---	0.590	0.622	0.033	---	0.416	0.455	0.039	---
LA CIENEGA BLVD at 120TH ST	313	775	996	1080	---	0.232	0.233	0.001	---	0.418	0.417	-0.002	---	0.351	0.458	0.117	---

## 2005 PHASE 3F - ALTERNATIVE A VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.724	0.726	0.002	---	0.830	0.813	-0.017	---	0.875	0.855	-0.020	---	0.829	0.823	-0.006	---	0.665	0.687	0.022	---	0.737	0.727	-0.010	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.695	0.881	-0.003	---	0.598	0.591	-0.007	---	0.770	0.748	-0.021	---	0.814	0.805	-0.008	---	0.650	0.849	-0.031	---	0.793	0.745	-0.049	---
3	Scawtella Boulevard	s/o Venice Boulevard**	-	0.443	0.439	-0.004	---	0.496	0.518	0.022	---	0.421	0.412	-0.009	---	0.595	0.631	0.036	---	0.492	0.447	-0.034	---	0.578	0.625	0.051	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.855	0.873	0.018	---	0.633	0.617	-0.016	---	0.836	0.878	0.042	X	0.823	0.814	-0.009	---	0.796	0.888	0.071	---	0.688	0.662	-0.026	---
5	Owens Avenue	s/o Venice Boulevard**	Yes	0.888	0.871	-0.018	---	0.899	0.879	-0.020	---	0.825	0.822	-0.003	---	1.105	1.127	0.022	X	0.824	0.838	-0.015	---	0.968	0.933	-0.034	---
6	Stocker Street	s/o La Brea Avenue	-	0.428	0.446	0.019	---	0.418	0.398	-0.022	---	0.538	0.524	-0.014	---	0.395	0.406	0.011	---	0.476	0.489	0.013	---	0.499	0.486	-0.004	---
7	Slauson Avenue	s/o La Brea Avenue	-	0.388	0.396	0.008	---	0.671	0.684	0.012	---	0.569	0.603	0.034	---	0.467	0.466	-0.002	---	0.351	0.373	0.021	---	0.331	0.348	0.018	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.362	0.374	0.011	---	0.667	0.671	0.004	---	0.653	0.653	0.000	---	1.155	1.155	0.001	---	0.666	0.678	0.012	---	0.522	0.521	-0.001	---
9	La Cienega Boulevard	s/o Slauson Avenue	-	0.538	0.544	0.006	---	0.510	0.538	-0.002	---	0.630	0.606	0.306	---	0.546	0.555	0.010	---	0.374	0.376	0.002	---	0.399	0.400	0.001	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.473	0.475	0.002	---	0.484	0.487	0.013	---	0.562	0.578	0.016	---	0.577	0.596	0.019	---	0.449	0.455	0.005	---	0.510	0.524	0.014	---
11	Arthur Vitan Street	w/o La Brea Avenue	-	0.258	0.344	0.086	---	0.256	0.282	0.025	---	0.348	0.399	0.051	---	0.447	0.504	0.056	---	0.468	0.568	0.101	---	0.335	0.365	0.029	---
12	Century Boulevard	w/o La Brea Avenue	-	0.417	0.456	0.040	---	0.456	0.466	0.000	---	0.502	0.531	0.030	---	0.406	0.451	0.041	---	0.415	0.425	0.009	---	0.371	0.394	0.024	---
13	Imperial Highway	w/o La Brea Avenue	-	0.282	0.318	0.035	---	0.319	0.310	-0.009	---	0.491	0.499	0.008	---	0.276	0.276	0.001	---	0.428	0.449	0.021	---	0.495	0.574	0.079	---
14	Aviation Boulevard	n/o Rossmore Avenue	-	0.578	0.582	0.004	---	0.247	0.293	0.046	---	0.371	0.384	0.013	---	0.636	0.628	-0.008	---	0.355	0.373	0.018	---	0.281	0.297	0.006	---
15	Sepulveda Boulevard	n/o Rossmore Avenue	-	0.858	0.888	0.010	---	0.265	0.265	0.000	---	0.445	0.459	0.013	---	0.783	0.787	0.004	---	0.479	0.482	0.013	---	0.516	0.491	-0.026	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.706	0.712	0.006	---	0.438	0.420	-0.018	---	0.285	0.289	0.004	---	0.388	0.393	0.005	---	0.264	0.372	0.208	---	0.468	0.447	-0.020	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.621	0.625	0.004	---	0.405	0.417	0.013	---	0.567	0.564	-0.003	---	0.419	0.417	-0.002	---	0.317	0.323	0.006	---	0.492	0.489	0.005	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.250	0.252	0.002	---	0.261	0.246	-0.004	---	0.332	0.322	-0.010	---	0.271	0.274	0.003	---	0.345	0.335	-0.011	---	0.302	0.292	-0.008	---
19	Chilvers Boulevard	s/o Lincoln Boulevard	-	0.421	0.380	-0.042	---	0.116	0.111	-0.004	---	0.268	0.277	0.009	---	0.288	0.414	0.026	---	0.379	0.369	-0.010	---	0.364	0.364	0.001	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.466	0.445	-0.021	---	0.310	0.340	0.030	---	0.387	0.437	0.049	---	0.793	0.815	0.022	---	0.134	0.143	0.009	---	0.383	0.362	-0.021	---
21	Lincoln Boulevard	s/o Jefferson Boulevard**	Yes	0.865	0.746	-0.081	X	0.381	0.375	-0.006	---	0.812	0.842	0.030	---	0.610	0.642	0.330	---	0.552	0.582	0.040	---	0.587	0.590	-0.007	---
22	Chilvers Boulevard	w/o Jefferson Boulevard**	-	0.675	0.442	-0.233	---	0.248	0.264	0.016	---	0.430	0.450	0.020	---	0.734	0.729	-0.005	---	0.381	0.339	-0.043	---	0.410	0.418	0.008	---
23	Vista Del Mar	s/o Chilvers Boulevard**	-	0.391	0.147	-0.245	---	0.158	0.106	-0.051	---	0.164	0.211	0.017	---	0.373	0.353	-0.020	---	0.275	0.210	-0.066	---	0.224	0.225	-0.019	---
24	La Brea Avenue	s/o Slauson Avenue	-	0.635	0.618	-0.013	---	0.373	0.378	0.006	---	0.570	0.568	-0.002	---	0.568	0.583	0.005	---	0.474	0.463	-0.007	---	0.527	0.536	0.009	---
25	Jefferson Boulevard	n/o Rodeo Road	-	0.358	0.372	0.004	---	0.653	0.645	-0.008	---	0.477	0.456	-0.011	---	0.439	0.441	0.002	---	0.432	0.420	-0.012	---	0.453	0.403	-0.053	---
26	Sepulveda Boulevard	s/o Slauson Avenue	-	0.833	0.835	0.002	---	0.371	0.328	-0.043	---	0.604	0.579	-0.024	---	0.757	0.738	-0.021	---	0.432	0.420	-0.012	---	0.453	0.403	-0.053	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.289	0.312	0.023	---	0.618	0.631	0.013	---	0.589	0.543	-0.046	---	0.489	0.474	-0.015	---	0.400	0.409	0.009	---	0.602	0.574	-0.027	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.197	0.204	0.007	---	0.468	0.487	0.009	---	0.716	0.749	0.032	---	0.378	0.393	0.015	---	0.682	0.681	0.018	---	0.809	0.838	0.028	---
29	Inglewood Avenue	n/o Rossmore Avenue	-	0.424	0.444	0.019	---	0.334	0.348	0.014	---	0.463	0.498	0.035	---	0.795	0.809	0.014	---	0.446	0.477	0.031	---	0.279	0.295	0.016	---
30	Vista Del Mar	s/o Grand Avenue	-	0.795	0.653	-0.142	---	0.150	0.142	-0.008	---	0.183	0.191	0.008	---	0.519	0.510	-0.009	---	0.288	0.286	-0.002	---	0.198	0.207	0.008	---

## # IMPACTS

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## 2005 PHASE 31\* - ALTERNATIVE A (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter - Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.724	0.719	-0.005	---	0.830	0.803	-0.027	---	0.875	0.871	-0.005	---	0.829	0.827	-0.002	---	0.686	0.688	0.003	---	0.737	0.737	0.000	---
2	Continental Avenue	s/o Venice Boulevard**	-	0.865	0.877	-0.007	---	0.588	0.592	-0.007	---	0.779	0.748	-0.022	---	0.814	0.801	-0.013	---	0.653	0.644	-0.006	---	0.793	0.793	0.000	---
3	Sawdell Boulevard	s/o Venice Boulevard**	-	0.443	0.440	-0.003	---	0.496	0.505	0.008	---	0.421	0.426	0.005	---	0.595	0.609	0.014	---	0.482	0.451	-0.031	---	0.578	0.578	0.000	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	-	0.855	0.861	0.005	---	0.633	0.632	-0.002	---	0.836	0.882	0.025	---	0.893	0.824	0.001	---	0.796	0.866	0.070	X	0.868	0.838	0.007	---
5	Overland Avenue	s/o Venice Boulevard**	Yes	0.888	0.874	-0.014	---	0.898	0.883	-0.015	---	0.825	0.849	0.024	---	1.105	1.132	0.027	X	0.824	0.808	-0.015	---	0.968	0.968	0.000	---
6	Stockton Street	s/o La Brea Avenue	-	0.428	0.449	0.022	---	0.418	0.405	-0.014	---	0.538	0.522	-0.016	---	0.385	0.404	0.009	---	0.476	0.490	0.014	---	0.499	0.489	0.000	---
7	Slanson Avenue	s/o La Brea Avenue	-	0.388	0.395	0.007	---	0.571	0.581	0.010	---	0.599	0.600	0.001	---	0.467	0.471	0.003	---	0.351	0.371	0.020	---	0.331	0.331	0.000	---
8	Continental Avenue	s/o La Brea Avenue	-	0.362	0.370	0.008	---	0.867	0.873	0.006	---	0.653	0.652	-0.001	---	1.155	1.155	0.000	---	0.665	0.663	0.017	---	0.522	0.522	0.000	---
9	La Cienega Boulevard	s/o Slanson Avenue	-	0.538	0.552	0.013	---	0.510	0.509	-0.001	---	0.600	0.608	0.008	---	0.546	0.553	0.007	---	0.374	0.377	0.003	---	0.389	0.399	0.000	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.473	0.476	0.004	---	0.484	0.488	0.004	---	0.582	0.581	0.019	---	0.577	0.588	0.012	---	0.449	0.456	0.007	---	0.510	0.510	0.000	---
11	Archer Vitae Street	w/o La Brea Avenue	-	0.258	0.347	0.089	---	0.256	0.262	0.005	---	0.348	0.413	0.065	---	0.447	0.499	0.052	---	0.458	0.551	0.093	---	0.336	0.336	0.000	---
12	Century Boulevard	w/o La Brea Avenue	-	0.417	0.455	0.039	---	0.466	0.477	0.011	---	0.602	0.625	0.024	---	0.409	0.447	0.038	---	0.428	0.441	0.013	---	0.495	0.495	0.000	---
13	Imperial Highway	w/o La Brea Avenue	-	0.282	0.295	0.012	---	0.319	0.315	-0.004	---	0.491	0.504	0.013	---	0.276	0.275	0.003	---	0.428	0.441	0.013	---	0.495	0.495	0.000	---
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.578	0.599	0.011	---	0.247	0.283	0.046	---	0.371	0.381	0.010	---	0.636	0.631	-0.005	---	0.355	0.374	0.019	---	0.291	0.291	0.000	---
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	0.858	0.861	0.002	---	0.265	0.286	0.021	---	0.445	0.458	0.013	---	0.783	0.768	0.033	---	0.479	0.493	0.013	---	0.516	0.516	0.000	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.206	0.212	0.007	---	0.438	0.423	-0.015	---	0.285	0.268	0.003	---	0.388	0.388	-0.001	---	0.364	0.376	0.012	---	0.498	0.468	0.000	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.581	0.623	0.002	---	0.435	0.419	0.014	---	0.567	0.567	0.000	---	0.418	0.415	-0.003	---	0.317	0.319	0.022	---	0.482	0.492	0.000	---
18	Martina Freeway	s/o Lincoln Boulevard**	-	0.250	0.251	0.002	---	0.251	0.244	-0.005	---	0.332	0.323	-0.009	---	0.271	0.275	0.004	---	0.346	0.336	-0.010	---	0.300	0.300	0.000	---
19	Oliver Boulevard	s/o Lincoln Boulevard	-	0.421	0.344	-0.077	---	0.115	0.099	-0.015	---	0.269	0.272	0.004	---	0.368	0.390	0.002	---	0.379	0.354	-0.025	---	0.364	0.364	0.000	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.466	0.453	-0.013	---	0.310	0.395	0.055	---	0.387	0.430	0.043	---	0.793	0.819	0.028	---	0.134	0.163	0.029	---	0.363	0.383	0.000	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.665	0.769	0.104	X	0.381	0.382	0.001	---	0.812	0.844	0.032	---	0.610	0.652	0.042	---	0.552	0.596	0.045	---	0.597	0.597	0.000	---
22	Oliver Boulevard	w/o Jefferson Avenue**	-	0.675	0.365	-0.310	---	0.248	0.260	0.012	---	0.430	0.393	-0.037	---	0.734	0.666	-0.068	---	0.381	0.332	-0.049	---	0.410	0.410	0.000	---
23	Vista Del Mar	s/o Oliver Boulevard**	-	0.391	0.116	-0.275	---	0.158	0.105	-0.053	---	0.184	0.218	0.024	---	0.373	0.318	-0.055	---	0.276	0.212	-0.064	---	0.224	0.224	0.000	---
24	La Brea Avenue	s/o Slanson Avenue	-	0.805	0.820	0.016	---	0.373	0.383	0.010	---	0.570	0.568	-0.002	---	0.588	0.592	0.004	---	0.474	0.480	0.007	---	0.527	0.527	0.000	---
25	Jefferson Boulevard	n/o Rodan Road	-	0.358	0.371	0.004	---	0.653	0.644	-0.009	---	0.477	0.458	0.021	---	0.439	0.434	-0.005	---	0.131	0.119	-0.012	---	0.619	0.619	0.000	---
26	Sepulveda Boulevard	s/o Slanson Avenue	-	0.833	0.831	-0.002	---	0.371	0.323	-0.048	---	0.504	0.597	-0.016	---	0.757	0.728	-0.029	---	0.432	0.423	-0.009	---	0.453	0.453	0.000	---
27	Continental Avenue	w/o Sepulveda Boulevard	-	0.289	0.312	0.023	---	0.618	0.632	0.014	---	0.589	0.554	-0.035	---	0.489	0.497	0.009	---	0.682	0.683	0.001	---	0.609	0.609	0.000	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.187	0.204	0.007	---	0.468	0.495	0.007	---	0.716	0.742	0.025	---	0.378	0.389	0.011	---	0.446	0.475	0.029	---	0.279	0.279	0.000	---
29	Inglewood Avenue	n/o Rosecrans Avenue	-	0.424	0.446	0.022	---	0.334	0.343	0.009	---	0.463	0.495	0.033	---	0.795	0.806	0.012	---	0.446	0.475	0.029	---	0.279	0.279	0.000	---
30	Vista Del Mar	s/o Grand Avenue	-	0.795	0.653	-0.142	---	0.150	0.150	0.000	---	0.183	0.222	0.019	---	0.518	0.510	-0.008	---	0.298	0.267	-0.001	---	0.198	0.198	0.000	---

## \* IMPACTS

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan																										
2005 PHASE 3F - ALTERNATIVE A VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.		Link Location	Total Impacts	AM PEAK HOUR								PM Peak Hour								Airport Peak Hour						
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB		
				Adj. Env. V/C	Alter. A V/C	Alter. A Adj. Env	% Hr Impact	Adj. Env. V/C	Alter. A V/C	Alter. A Adj. Env	% Hr Impact	Adj. Env. V/C	Alter. A V/C	Alter. A Adj. Env	% Hr Impact	Adj. Env. V/C	Alter. A V/C	Alter. A Adj. Env	% Hr Impact	Adj. Env. V/C	Alter. A V/C	Alter. A Adj. Env	% Hr Impact			
1	Interstate 405 s/b Venice Blvd. HOV	Yes	0.759	0.902	0.143	--	0.782	0.949	0.167	--	0.855	1.034	0.189	X	0.715	0.901	0.185	--	0.947	1.119	0.173	X	0.802	1.080	0.178	X
		-	0.742	0.731	-0.041	--	0.869	0.796	-0.074	--	0.919	0.956	-0.063	--	0.792	0.745	-0.048	--	0.995	0.969	-0.126	--	1.241	1.143	-0.098	--
2	Interstate 405 s/b La Tijera Blvd. HOV	Yes	0.910	1.035	0.125	X	1.038	1.220	0.161	X	1.552	1.228	0.176	X	0.991	1.149	0.157	X	1.120	1.263	0.143	X	0.973	1.147	0.174	--
		-	0.943	0.887	-0.058	--	0.879	0.855	-0.024	--	1.156	1.020	-0.096	--	0.939	0.842	-0.087	--	1.132	0.989	-0.143	--	1.150	1.075	-0.075	--
3	Interstate 405 s/b Pacermans Ave. HOV	Yes	1.049	1.082	0.032	X	0.949	0.543	0.094	--	0.935	0.976	0.043	--	1.132	1.171	0.039	X	1.119	1.136	0.017	X	1.024	1.076	0.051	--
		Yes	1.065	1.013	-0.053	--	0.568	0.574	0.006	--	0.884	0.918	0.034	--	0.900	0.933	0.033	--	1.035	1.104	0.069	X	0.849	0.917	0.068	--
4	Interstate 105 s/b Crenshaw Blvd. HOV	-	0.725	0.791	0.066	--	0.934	0.967	0.033	--	0.862	0.815	0.023	--	0.858	0.865	-0.003	--	0.522	0.552	0.023	--	0.573	0.599	0.026	--
		-	0.666	0.638	-0.028	--	1.014	0.967	-0.047	--	1.131	1.113	-0.018	--	0.715	0.849	0.135	--	1.035	0.950	-0.055	--	1.125	1.139	0.015	--
# IMPACTS			4																							



2005 PHASE 3F - ALTERNATIVE A VS. ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

## # IMPACTS

2005 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

## # IMPACTS

INTERSECTIONS	BA ID	Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3	4070	4090	3958	Yes	0.629	0.739	0.110	X	0.615	0.659	-0.155	—	0.929	0.761	-0.169	—
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A																
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B																
AIRPORT BLVD at CENTURY BLVD	4	4305	4780	4094	—	0.442	0.420	-0.022	—	0.553	0.566	0.013	—	0.738	0.560	-0.178	—
AIRPORT BLVD at LA TIJERA BLVD	5	2477	2698	3022	—	0.507	0.430	-0.077	—	0.538	0.444	-0.094	—	0.684	0.644	-0.041	—
AIRPORT BLVD at MANCHESTER AV	6	3170	3409	4136	—	0.690	0.676	-0.014	—	0.712	0.603	-0.109	—	0.885	0.811	-0.075	—
*AVIATION BLVD at ARBOR VITAE ST (1)	7	6385	6586	7263		0.715	0.844			0.770	0.827			0.717	0.859		
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4340	4767	5502	Yes	0.732	1.271	0.539	X	0.696	0.867	0.171	X	0.793	1.129	0.335	X
AVIATION BLVD at 111TH ST (3)	10					0.381				0.457				0.806			
*AVIATION BLVD at CENTURY BLVD	11	7388	8675	8060	Yes	0.828	0.998	0.170	X	1.006	1.230	0.223	X	1.804	1.431	-0.372	—
*AVIATION BLVD at EL SEGUNDO BLVD	12	5179	6424	5646	Yes	0.951	1.003	0.052	X	0.959	1.005	0.047	X	0.903	1.062	0.159	—
*AVIATION BLVD at IMPERIAL HWY	13	5633	7490	6979	Yes	0.935	1.316	0.380	X	1.305	1.510	0.206	X	1.243	1.457	0.215	—
AVIATION BLVD at MANCHESTER AV	14	2764	3368	4597	—	0.980	0.574	-0.406	—	0.787	0.682	-0.105	—	1.398	1.093	-0.306	—
AVIATION BLVD at ROSECRANS AV	15	7151	8417	6813	Yes	1.179	1.259	0.080	X	1.475	1.477	0.002	—	1.336	1.408	0.072	—
CENTINELA AV at JEFFERSON BLVD	18	4508	5566	3880	—	1.077	0.871	-0.206	—	1.100	1.082	-0.018	—	0.911	1.025	0.115	—
SEPULVEDA BLVD at CENTINELA AV	22	6118	6093	4712	—	1.071	1.030	-0.041	—	0.969	0.938	-0.031	—	0.819	0.794	-0.025	—
*LA CIENEGA BLVD at CENTURY BLVD	26	8512	7811	5476	Yes	0.716	0.958	0.241	X	0.721	0.982	0.261	—	0.535	0.719	0.184	—
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4318	4633	1967	—	0.731	0.385	-0.347	—	0.885	0.563	-0.322	—	0.661	0.181	-0.480	—
CULVER BLVD at JEFFERSON BLVD	28	2258	3706	2295	—	0.896	0.555	-0.341	—	1.072	0.865	-0.206	—	0.588	0.523	-0.065	—
VISTA DEL MAR at CULVER BLVD	33	1029	1662	1144	—	0.604	0.308	-0.296	—	0.347	0.365	0.018	—	0.364	0.278	-0.086	—
*DOUGLAS ST at IMPERIAL HWY	34	1723	2864	2517	—	0.433	0.269	-0.163	—	0.610	0.359	-0.251	—	0.516	0.445	-0.071	—
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6237	7713	6879	Yes	1.007	1.034	0.027	X	1.135	1.117	-0.018	—	0.869	1.026	0.157	—
VISTA DEL MAR at GRAND AV	36	2130	2210	1824	—	0.813	0.823	-0.011	—	0.459	0.477	0.018	—	0.469	0.591	0.122	—
LA CIENEGA BLVD at FLORENCE AV	40	3305	4212	5258	Yes	0.990	0.744	-0.246	X	0.925	1.007	0.082	X	1.428	1.468	0.040	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2317	2501	2144	—	1.145	0.881	-0.263	—	0.887	0.794	-0.093	—	0.862	0.842	-0.020	—
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6009	5789	4886	Yes	0.710	0.758	0.048	X	0.768	0.759	-0.009	—	0.649	0.633	-0.016	—
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5526	5068	5210	Yes	0.688	0.855	0.167	X	0.797	0.714	-0.083	—	0.761	0.786	-0.005	—
*I-405 FWY NB RAMP at IMPERIAL HWY	46	2011	1855	3806	—	0.288	0.306	0.018	—	0.275	0.289	0.014	—	0.649	0.659	0.009	—
*MAIN ST at IMPERIAL HWY (1)	47					0.612				0.697				0.522			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	3911	4448	3474	—		0.699				0.804				0.650		
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	2550	2730	2183	—		0.732				0.850				0.607		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3044	2974	2801	—	1.283	1.211	-0.072	—	0.508	0.543	0.036	—	0.462	0.430	-0.032	—
PERSHING DR at IMPERIAL HWY (3)	49					1.060				0.907				0.616			
*SEPULVEDA BLVD at IMPERIAL HWY	50	8833	7879	6135	Yes	0.797	1.184	0.387	X	1.015	1.651	0.635	X	0.794	0.849	0.055	—
*VISTA DEL MAR at IMPERIAL HWY	51	2139	2587	1847	—	0.774	0.539	-0.235	—	0.538	0.418	-0.120	—	0.576	0.387	-0.189	—
*LA CIENEGA BLVD at IMPERIAL HWY	52	4021	4048	5457	Yes	0.602	0.769	0.167	X	0.476	0.614	0.138	—	0.537	0.577	0.039	—
I-405 N/B RAMP at JEFFERSON BLVD	54	2893	3656	2963	Yes	0.778	0.759	-0.018	—	0.842	0.867	0.045	X	0.649	0.648	-0.002	—
I-405 S/B RAMP at JEFFERSON BLVD	55	3211	3717	2867	—	0.539	0.484	-0.055	—	0.704	0.668	-0.036	—	0.409	0.414	0.005	—
LINCOLN BLVD at JEFFERSON BLVD	57	5314	8389	5601	—	0.930	0.906	-0.024	—	1.252	1.054	-0.199	—	0.883	0.813	-0.070	—
LA CIENEGA BLVD at 111TH ST (3)	67					0.166				0.253				0.569			
*LA CIENEGA BLVD at I-405 RAMP S/O CENTURY BL	68	1493	2241	2792	—	0.339	0.353	0.014	—	0.482	0.552	0.070	—	0.658	0.621	-0.037	—
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1421	1434	1981	—	0.255	0.228	-0.027	—	0.252	0.206	-0.046	—	0.393	0.270	-0.122	—
LA CIENEGA BLVD at LENNOX BLVD	71	1491	1990	2277	—	0.396	0.248	-0.148	—	0.430	0.165	-0.264	—	0.842	0.423	-0.419	—
LA CIENEGA BLVD at MANCHESTER AV	72	3370	4243	5254	Yes	0.647	0.677	0.030	—	0.759	0.820	0.062	X	1.018	1.058	0.039	X
I-405 N/B RAMP at LA TIJERA BLVD	78	4261	4652	2234	Yes	0.878	0.916	0.038	X	0.941	0.862	0.022	X	0.597	0.552	-0.046	—
I-405 S/B RAMP at LA TIJERA BLVD	79	4026	4416	2919	Yes	0.760	0.762	0.002	—	0.837	0.860	0.023	X	0.401	0.400	-0.001	—
LINCOLN BLVD at LA TIJERA BLVD	81	4353	5217	4145	Yes	0.462	0.572	0.110	—	0.522	0.713	0.190	X	0.303	0.702	0.399	—
LA TIJERA BLVD at MANCHESTER AV	82	2829	3765	3131	Yes	0.578	0.585	0.007	—	0.588	0.721	0.132	X	0.625	0.597	-0.028	—
SEPULVEDA BLVD at LA TIJERA BLVD	83	6191	6757	3238	Yes	0.781	1.366	0.585	X	0.882	1.563	0.900	X	0.411	0.679	0.268	—
LINCOLN BLVD at 83RD ST	87	5909	7802	6581	Yes	0.950	1.043	0.093	X	1.082	1.206	0.124	X	1.281	1.385	0.105	—
LINCOLN BLVD at MANCHESTER AV	88	5653	8022	5944	Yes	0.697	0.844	0.147	X	1.004	1.308	0.305	X	0.832	1.004	0.172	—
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.580				0.577				0.485			
LINCOLN BLVD at TEALE ST	94	4982	6313	5074	—	0.544	0.562	0.018	—	0.611	0.562	-0.048	—	0.373	0.402	0.029	—
PERSHING DR at MANCHESTER AV	98	1339	1860	794	—	0.432	0.502	0.070	—	0.560	0.587	0.027	—	0.265	0.150	-0.115	—
SEPULVEDA BLVD at MANCHESTER AV	99	5823	6093	4394	Yes	0.936	1.039	0.103	X	0.953	0.951	-0.002	—	0.810	0.822	0.012	—
SEPULVEDA BLVD at MARIPOSA AV	100	6058	7273	5787	Yes	0.719	0.816	0.097	X	0.955	1.330	0.375	X	1.096	1.451	0.355	—
PERSHING DR at WESTCHESTER PKWY (2)	101	766	752	906	—	0.281	0.188	-0.093	—	0.197	0.204	0.007	—	0.114	0.287	0.173	—
SEPULVEDA BLVD at ROSECRANS AV	103	8180	9599	8046	—	1.540	1.546	0.006	—	1.700	1.674	-0.025	—	1.803	1.836	0.034	—
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4573	3689	4038	—	1.191	1.043	-0.148	—	0.947	0.837	-0.110	—	0.927	0.925	-0.002	—
SEPULVEDA BLVD at 76TH/77TH ST	106	4691	4363	4020	Yes	0.699	0.794	0.095	X	0.635	0.661	0.027	—	0.668	0.653	-0.015	—
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.791				0.862				0.511			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTIO	109A	4947	5170	2516	—		0.789				0.827				0.599		
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTIO	109B	5874	5766	2732	—		0.698				0.625				0.575		
*LA CIENEGA BLVD at I-405 SB RAMP N/O CENTURY	111	3157	3488	3674	Yes	0.700	0.834	0.134	X	0.589	0.681	0.092	—	0.755	0.945	0.190	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4009	4356	2546	—	0.730	0.731	0.001	—	0.580	0.668	0.088	—	0.309	0.432	0.123	—
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2907	3448	2938	—	0.588	0.601	0.013	—	0.590	0.607	0.016	—	0.416	0.448	0.032	—
LA CIENEGA BLVD at 120TH ST	313	857	1133	1078	—	0.232	0.249	0.017	—	0.418	0.408	-0.010	—	0.351	0.459	0.108	—

8 IMPACTS

Notes: (1) Spills into two interchanges in new design for 2005, with LOS D or better, (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	BA ID	Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	AR B V/C	AR B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	AR B V/C	AR B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	AR B V/C	AR B - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (2)	3	3975	3998	3838		0.629	0.737	0.107		0.815	0.818	-0.196		0.929	0.757	-0.173	
AIRPORT BLVD at CENTURY BLVD	4	4223	4886	4363		0.442	0.417	-0.026		0.553	0.550	-0.003		0.738	0.659	-0.079	
AIRPORT BLVD at LA TIJERA BLVD	5	2527	2885	3028		0.507	0.436	-0.071		0.538	0.422	-0.116		0.884	0.628	-0.057	
AIRPORT BLVD at MANCHESTER AV	6	3038	3311	3971		0.690	0.649	-0.041		0.712	0.589	-0.123		0.885	0.801	-0.085	
*AVIATION BLVD at ARBOR VITAE ST (2)	7	6281	6499	7350		0.715	0.831	0.116		0.770	0.835	0.065		0.717	0.977	0.260	
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4339	4891	5517	Yes	0.732	1.271	0.539	X	0.696	0.853	0.157	X	0.793	1.141	0.348	X
AVIATION BLVD at 111TH ST (3)	10					0.381				0.457				0.806			
*AVIATION BLVD at CENTURY BLVD	11	7225	8498	8221	Yes	0.828	0.985	0.157	X	1.006	1.230	0.223	X	1.804	1.526	-0.277	
*AVIATION BLVD at EL SEGUNDO BLVD	12	5239	6448	5660	Yes	0.951	1.011	0.060	X	0.959	1.010	0.052	X	0.803	1.086	0.183	
*AVIATION BLVD at IMPERIAL HWY	13	5597	7475	7024	Yes	0.935	1.314	0.379	X	1.305	1.516	0.212	X	1.243	1.487	0.244	
AVIATION BLVD at MANCHESTER AV	14	2681	3292	4629		0.980	0.559	-0.421		0.787	0.667	-0.120		1.399	1.090	-0.309	
AVIATION BLVD at ROSECRANS AV	15	7130	8406	8887	Yes	1.179	1.248	0.069	X	1.475	1.474	-0.001		1.336	1.430	0.094	
CENTINELA AV at JEFFERSON BLVD	18	4501	5538	3865		1.077	0.873	-0.204		1.100	1.037	-0.063		0.911	1.018	0.107	
SEPULVEDA BLVD at CENTINELA AV	22	6158	6088	4701		1.071	1.039	-0.032		0.969	0.938	-0.031		0.819	0.789	-0.030	
*LA CIENEGA BLVD at CENTURY BLVD	26	8361	7590	5482	Yes	0.716	0.924	0.207	X	0.721	0.935	0.215	X	0.535	0.733	0.198	
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4359	4653	1840		0.731	0.389	-0.343		0.885	0.567	-0.317		0.681	0.164	-0.497	
CULVER BLVD at JEFFERSON BLVD	28	2177	3541	2262		0.886	0.525	-0.371		1.072	0.835	-0.237		0.588	0.516	-0.072	
VISTA DEL MAR at CULVER BLVD	33	1041	1676	1158		0.604	0.312	-0.292		0.947	0.375	0.028		0.364	0.281	-0.083	
*DOUGLAS ST at IMPERIAL HWY	34	1898	2658	2547		0.433	0.278	-0.157		0.610	0.344	-0.266		0.516	0.449	-0.066	
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6226	7702	6895	Yes	1.007	1.034	0.027	X	1.135	1.122	-0.013		0.889	1.040	0.151	
VISTA DEL MAR at GRAND AV	36	2148	2207	1813		0.813	0.629	-0.185		0.459	0.479	0.019		0.469	0.586	0.117	
LA CIENEGA BLVD at FLORENCE AV	40	3263	4198	5256	Yes	0.690	0.732	0.042	X	0.925	0.999	0.074	X	1.428	1.473	0.045	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2932	2491	2167		1.145	0.888	-0.257		0.887	0.792	-0.095		0.862	0.850	-0.012	
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6067	5781	4906	Yes	0.710	0.785	0.055	X	0.788	0.757	-0.031		0.849	0.634	-0.015	
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5490	5119	5225	Yes	0.688	0.863	0.174	X	0.797	0.719	-0.078		0.791	0.787	-0.004	
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1837	1849	3752		0.288	0.295	0.007		0.275	0.289	0.014		0.649	0.657	0.007	
*MAIN ST at IMPERIAL HWY (1)	47					0.812				0.997				0.522			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	3411	2733	2238			0.675				0.514				0.430		
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1703	1806	1538			0.514				0.605				0.485		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3585	2991	2635		1.283	1.196	-0.087		0.508	0.542	0.034		0.462	0.401	-0.061	
PERSHING DR at IMPERIAL HWY (3)	49					1.060				0.907				0.616			
*SEPULVEDA BLVD at IMPERIAL HWY	50	6770	7956	6343	Yes	0.797	1.243	0.446	X	1.015	1.653	0.638	X	0.794	0.835	0.041	
*VISTA DEL MAR at IMPERIAL HWY	51	2153	2598	1841		0.774	0.541	-0.233		0.538	0.419	-0.119		0.576	0.378	-0.198	
*LA CIENEGA BLVD at IMPERIAL HWY	52	3981	4044	5391	Yes	0.802	0.782	0.180	X	0.478	0.609	0.133		0.537	0.569	0.031	
I-405 N/B RAMPS at JEFFERSON BLVD	54	2947	3641	2928	Yes	0.778	0.789	-0.008		0.842	0.879	0.038		0.649	0.631	-0.018	
I-405 S/B RAMPS at JEFFERSON BLVD	55	3207	3694	2816		0.539	0.490	-0.049		0.704	0.663	-0.041		0.409	0.408	-0.001	
LINCOLN BLVD at JEFFERSON BLVD	57	6223	8380	5591		0.830	0.909	-0.021		1.252	1.082	-0.191		0.883	0.804	-0.079	
LA CIENEGA BLVD at 111TH ST (3)	67					0.188				0.253				0.569			
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1870	2415	3151		0.339	0.344			0.482	0.593			0.658	0.685		
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1434	1441	1965		0.256	0.230	-0.026		0.282	0.208	-0.054		0.393	0.270	-0.122	
LA CIENEGA BLVD at LENNOX BLVD	71	1491	1947	2199		0.396	0.259	-0.137		0.430	0.152	-0.278		0.842	0.407	-0.435	
LA CIENEGA BLVD at MANCHESTER AV	72	3381	4180	5264	Yes	0.847	0.681	0.033		0.759	0.799	0.040	X	1.018	1.052	0.034	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4313	4668	2235	Yes	0.780	0.924	0.046	X	0.941	0.953	0.012	X	0.597	0.553	-0.044	
I-405 S/B RAMPS at LA TIJERA BLVD	79	4084	4432	2903	Yes	0.760	0.780	0.000		0.837	0.858	0.022	X	0.401	0.389	-0.012	
LINCOLN BLVD at LA TIJERA BLVD	81	4201	5107	4127		0.462	0.559	0.097		0.522	0.694	0.171		0.303	0.778	0.475	
LA TIJERA BLVD at MANCHESTER AV	82	2986	3815	3261	Yes	0.578	0.561	-0.018		0.588	0.721	0.133	X	0.625	0.627	0.001	
SEPULVEDA BLVD at LA TIJERA BLVD	83	5914	8301	3117	Yes	0.781	1.425	0.645	X	0.882	1.363	0.681	X	0.411	0.542	0.131	
LINCOLN BLVD at 83RD ST	87	5909	7885	6585	Yes	0.950	1.028	0.079	X	1.082	1.243	0.161	X	1.281	1.374	0.093	
LINCOLN BLVD at MANCHESTER AV	88	5654	8089	5861	Yes	0.687	0.828	0.131	X	1.004	1.330	0.326	X	0.832	1.005	0.173	
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.580				0.577				0.485			
LINCOLN BLVD at TEALE ST	94	4971	6352	5088		0.544	0.560	0.016		0.611	0.569	-0.042		0.373	0.405	0.032	
PERSHING DR at MANCHESTER AV	98	1475	1738	757	Yes	0.432	0.546	0.114		0.560	0.771	0.211	X	0.265	0.157	-0.108	
SEPULVEDA BLVD at MANCHESTER AV	99	5840	6099	4380	Yes	0.938	1.044	0.108	X	0.953	0.929	-0.024		0.810	0.815	0.005	
SEPULVEDA BLVD at MARIPOSA AV	100	8051	7263	5797	Yes	0.719	0.819	0.100	X	0.955	1.319	0.364	X	1.096	1.430	0.334	
PERSHING DR at WESTCHESTER PKWY (2)	101	764	721	788		0.281	0.230	-0.051		0.197	0.191	-0.006		0.114	0.218	0.104	
SEPULVEDA BLVD at ROSECRANS AV	103	8167	9580	8040		1.540	1.545	0.004		1.700	1.885	-0.015		1.803	1.839	0.036	
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4593	3577	4374		1.191	1.048	-0.143		0.947	0.811	-0.136		0.927	1.000	0.073	
SEPULVEDA BLVD at 78TH/77TH ST	108	4760	4355	4047	Yes	0.699	0.817	0.118	X	0.635	0.649	0.014		0.688	0.663	-0.004	
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.791				0.882				0.511			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4530	4657	2286			0.836				0.851				0.576		
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5352	5418	2582			0.906				0.833				0.516		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	3132	3404	3801		0.700	0.827	0.127	X	0.589	0.664	0.075		0.755	0.985	0.231	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3868	4281	2544		0.730	0.720	-0.010		0.580	0.681	0.081		0.309	0.421	0.112	
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2943	3455	2952		0.588	0.613	0.025		0.590	0.608	0.018		0.416	0.452	0.036	
LA CIENEGA BLVD at 120TH ST	313	905	1118	1091		0.232	0.263	0.031		0.418	0.407	-0.011		0.351	0.475	0.124	

# IMPACTS

Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005. (\*) Airport Access Facility, must maintain LOS E or better

## 2005 PHASE 3F - ALTERNATIVE B VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/SB				SA/WB				NB/SB				SA/WB				NB/SB				SA/WB				
			Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	n/o Venice Boulevard**	-	0.724	0.729	0.005	---	0.830	0.801	-0.029	---	0.875	0.880	0.005	---	0.829	0.833	0.004	---	0.888	0.889	0.004	---	0.737	0.721	0.016	---
2	Centinela Avenue	n/o Venice Boulevard**	-	0.885	0.880	-0.005	---	0.598	0.583	-0.005	---	0.770	0.772	0.002	---	0.814	0.810	-0.003	---	0.850	0.849	-0.001	---	0.793	0.743	-0.050	---
3	Santa Monica Boulevard	n/o Venice Boulevard**	-	0.443	0.452	0.009	---	0.496	0.505	0.008	---	0.421	0.405	-0.016	---	0.595	0.534	0.040	---	0.492	0.446	-0.034	---	0.578	0.631	0.053	---
4	Sepulveda Boulevard	n/o Venice Boulevard**	Yes	0.855	0.855	-0.001	---	0.533	0.513	-0.020	---	0.836	0.857	0.021	---	0.823	0.821	-0.002	---	0.796	0.872	0.076	X	0.898	0.857	-0.241	---
5	Oversand Avenue	n/o Venice Boulevard**	-	0.888	0.899	0.011	---	0.668	0.666	-0.001	---	0.825	0.825	0.000	---	1.105	1.107	0.002	---	0.824	0.825	0.001	---	0.968	0.948	-0.019	---
6	Stockton Street	n/o La Brea Avenue	-	0.428	0.444	0.016	---	0.418	0.406	-0.012	---	0.538	0.534	-0.005	---	0.385	0.405	0.010	---	0.478	0.494	0.018	---	0.499	0.486	-0.010	---
7	Stanton Avenue	n/o La Brea Avenue	-	0.388	0.404	0.016	---	0.571	0.576	0.005	---	0.599	0.613	0.013	---	0.467	0.473	0.005	---	0.351	0.385	0.014	---	0.331	0.340	0.010	---
8	Centinela Avenue	n/o La Brea Avenue	-	0.362	0.376	0.014	---	0.887	0.865	-0.002	---	0.653	0.658	0.006	---	1.155	1.158	0.003	---	0.686	0.687	0.001	---	0.522	0.518	-0.004	---
9	La Cienega Boulevard	n/o Stanton Avenue	-	0.539	0.548	0.010	---	0.510	0.507	-0.003	---	0.600	0.609	0.009	---	0.546	0.554	0.009	---	0.374	0.372	-0.002	---	0.399	0.396	-0.003	---
10	Manchester Boulevard	n/o La Brea Avenue	-	0.473	0.487	0.014	---	0.484	0.504	0.019	---	0.562	0.538	-0.004	---	0.577	0.580	0.013	---	0.445	0.456	0.007	---	0.510	0.519	0.009	---
11	Arbor Vitae Street	n/o La Brea Avenue	-	0.258	0.265	0.008	---	0.258	0.279	0.023	---	0.348	0.387	0.043	---	0.447	0.485	0.038	---	0.468	0.541	0.073	---	0.336	0.374	0.038	---
12	Century Boulevard	n/o La Brea Avenue	-	0.417	0.482	0.065	---	0.465	0.476	0.010	---	0.602	0.618	0.016	---	0.409	0.439	0.030	---	0.418	0.395	-0.021	---	0.371	0.370	-0.001	---
13	Imperial Highway	n/o La Brea Avenue	-	0.282	0.298	0.015	---	0.319	0.300	-0.019	---	0.481	0.509	0.018	---	0.275	0.264	-0.012	---	0.428	0.450	0.022	---	0.495	0.546	0.051	---
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.578	0.587	0.009	---	0.247	0.288	0.041	---	0.371	0.380	0.009	---	0.836	0.822	-0.015	---	0.355	0.381	0.028	---	0.291	0.287	-0.006	---
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	0.859	0.855	-0.003	---	0.265	0.288	0.023	---	0.445	0.482	0.017	---	0.783	0.791	0.008	---	0.479	0.487	0.008	---	0.516	0.501	-0.015	---
16	Pacific Avenue	n/o Venice Boulevard**	-	0.206	0.227	0.021	---	0.438	0.436	-0.002	---	0.285	0.289	0.015	---	0.388	0.393	0.005	---	0.364	0.373	0.009	---	0.468	0.439	-0.029	---
17	Washington Boulevard	n/o Lincoln Boulevard**	-	0.821	0.822	0.002	---	0.405	0.410	0.005	---	0.587	0.587	0.000	---	0.419	0.417	-0.002	---	0.817	0.816	-0.002	---	0.492	0.496	0.004	---
18	Marina Freeway	n/o Lincoln Boulevard**	-	0.250	0.254	0.004	---	0.251	0.242	-0.008	---	0.332	0.319	-0.014	---	0.271	0.275	0.004	---	0.346	0.336	-0.010	---	0.300	0.295	-0.004	---
19	Culver Boulevard	n/o Lincoln Boulevard	-	0.421	0.385	-0.037	---	0.115	0.112	-0.003	---	0.288	0.288	0.000	---	0.388	0.419	0.031	---	0.379	0.359	-0.020	---	0.364	0.358	-0.006	---
20	Jefferson Avenue	n/o Lincoln Boulevard**	-	0.466	0.466	0.000	---	0.310	0.364	0.054	---	0.387	0.434	0.047	---	0.793	0.797	0.004	---	0.134	0.163	0.029	---	0.383	0.385	0.003	---
21	Lincoln Boulevard	n/o Jefferson Avenue**	Yes	0.865	0.780	-0.115	X	0.361	0.372	0.009	---	0.812	0.849	0.029	---	0.610	0.646	0.036	---	0.552	0.592	0.041	---	0.587	0.593	0.004	---
22	Culver Boulevard	n/o Jefferson Avenue**	-	0.875	0.484	-0.211	---	0.248	0.266	0.018	---	0.430	0.459	0.029	---	0.194	0.214	0.020	---	0.372	0.359	-0.015	---	0.224	0.201	-0.023	---
23	Vista Del Mar	n/o Culver Boulevard**	-	0.391	0.146	-0.245	---	0.158	0.108	-0.050	---	0.194	0.214	0.020	---	0.372	0.359	-0.015	---	0.376	0.210	-0.066	---	0.527	0.538	0.011	---
24	La Brea Avenue	n/o Stanton Avenue	-	0.805	0.621	-0.016	---	0.573	0.574	0.001	---	0.570	0.578	0.008	---	0.588	0.600	0.012	---	0.474	0.492	0.018	---	0.618	0.592	-0.027	---
25	Jefferson Boulevard	n/o Roden Road	-	0.398	0.373	-0.005	---	0.653	0.644	-0.009	---	0.477	0.468	-0.009	---	0.438	0.436	-0.003	---	0.131	0.125	-0.006	---	0.453	0.381	-0.072	---
26	Sepulveda Boulevard	n/o Stanton Avenue	-	0.823	0.821	-0.012	---	0.271	0.328	0.045	---	0.604	0.581	-0.023	---	0.737	0.728	-0.009	---	0.432	0.415	-0.017	---	0.602	0.592	-0.009	---
27	Centinela Avenue	n/o Sepulveda Boulevard	-	0.288	0.312	0.023	---	0.618	0.603	-0.015	---	0.589	0.545	-0.045	---	0.488	0.480	-0.009	---	0.662	0.683	0.021	---	0.839	0.845	0.005	---
28	El Segundo Boulevard	n/o Hawthorne Boulevard	-	0.197	0.204	0.007	---	0.488	0.492	0.004	---	0.716	0.753	0.038	---	0.378	0.387	0.009	---	0.445	0.477	0.031	---	0.279	0.284	0.015	---
29	Inglewood Avenue	n/o Rosecrans Avenue	-	0.424	0.430	0.006	---	0.334	0.342	0.008	---	0.463	0.488	0.025	---	0.795	0.809	0.013	---	0.298	0.293	-0.005	---	0.198	0.213	0.015	---
30	Vista Del Mar	n/o Grand Avenue	-	0.795	0.628	-0.167	---	0.152	0.147	-0.002	---	0.183	0.189	0.015	---	0.518	0.497	-0.021	---								
* IMPACTS			2																								

\*\* Intersections at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

## 2005 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	n/o Venice Boulevard**	-	0.724	0.727	0.002	---	0.830	0.801	-0.029	---	0.875	0.869	-0.006	---	0.829	0.824	-0.005	---	0.588	0.583	-0.003	---	0.737	0.719	-0.018	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.885	0.880	-0.005	---	0.598	0.590	-0.008	---	0.770	0.758	-0.012	---	0.814	0.814	0.000	---	0.550	0.545	-0.004	---	0.793	0.737	-0.056	---
3	Santa Monica Boulevard	s/o Venice Boulevard**	-	0.443	0.445	0.002	---	0.496	0.515	0.019	---	0.421	0.434	0.013	---	0.595	0.616	0.021	---	0.482	0.445	-0.036	---	0.578	0.645	0.067	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.855	0.859	0.004	---	0.633	0.624	-0.009	---	0.826	0.848	0.013	---	0.823	0.815	-0.008	---	0.796	0.862	0.066	X	0.899	0.851	-0.047	---
5	Owens Avenue	s/o Venice Boulevard**	-	0.888	0.877	-0.011	---	0.898	0.879	-0.020	---	0.825	0.821	-0.003	---	1.105	1.124	0.019	---	0.824	0.827	0.003	---	0.988	0.917	-0.051	---
6	Stocker Street	s/o La Brea Avenue	-	0.428	0.445	0.017	---	0.418	0.398	-0.020	---	0.538	0.519	-0.019	---	0.395	0.405	0.011	---	0.476	0.432	-0.044	---	0.499	0.485	-0.014	---
7	Stinson Avenue	s/o La Brea Avenue	-	0.388	0.404	0.016	---	0.671	0.675	0.004	---	0.599	0.611	0.011	---	0.467	0.475	0.008	---	0.381	0.366	-0.015	---	0.331	0.347	0.016	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.382	0.380	-0.002	---	0.657	0.668	0.001	---	0.553	0.649	-0.004	---	1.155	1.149	-0.005	---	0.666	0.691	0.025	---	0.552	0.512	-0.040	---
9	La Cienega Boulevard	s/o Stinson Avenue	-	0.539	0.546	0.007	---	0.510	0.508	-0.004	---	0.600	0.606	0.006	---	0.546	0.549	0.003	---	0.374	0.372	-0.003	---	0.399	0.403	0.004	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.470	0.487	0.014	---	0.464	0.503	0.019	---	0.552	0.564	0.002	---	0.577	0.591	0.013	---	0.449	0.447	-0.002	---	0.510	0.524	0.014	---
11	Arbutus Street	w/o La Brea Avenue	-	0.258	0.295	0.037	---	0.256	0.281	0.025	---	0.348	0.398	0.050	---	0.447	0.454	0.007	---	0.468	0.536	0.068	---	0.336	0.366	0.031	---
12	Century Boulevard	w/o La Brea Avenue	-	0.417	0.478	0.062	---	0.466	0.476	0.010	---	0.672	0.614	-0.012	---	0.409	0.429	0.020	---	0.415	0.383	-0.033	---	0.371	0.378	0.007	---
13	Imperial Highway	w/o La Brea Avenue	-	0.282	0.284	0.011	---	0.319	0.329	-0.020	---	0.491	0.509	0.018	---	0.276	0.281	-0.015	---	0.428	0.435	0.006	---	0.495	0.551	0.056	---
14	Aviation Boulevard	n/o Rossmore Avenue	-	0.578	0.585	0.008	---	0.247	0.290	0.043	---	0.371	0.387	0.016	---	0.636	0.622	-0.015	---	0.355	0.383	0.028	---	0.291	0.299	0.008	---
15	Sepulveda Boulevard	n/o Rossmore Avenue	-	0.858	0.851	-0.008	---	0.265	0.288	0.022	---	0.445	0.459	0.014	---	0.793	0.791	-0.002	---	0.479	0.493	0.014	---	0.515	0.492	-0.023	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.206	0.222	0.016	---	0.436	0.406	-0.032	---	0.285	0.258	-0.016	---	0.388	0.393	0.005	---	0.364	0.364	0.001	---	0.468	0.445	-0.023	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.621	0.619	-0.002	---	0.405	0.415	0.010	---	0.567	0.560	-0.007	---	0.410	0.413	-0.003	---	0.317	0.319	0.002	---	0.492	0.497	0.005	---
18	Murder Freeway	s/o Lincoln Boulevard**	-	0.250	0.257	0.008	---	0.251	0.241	-0.009	---	0.332	0.316	-0.016	---	0.271	0.277	0.006	---	0.346	0.334	-0.012	---	0.330	0.233	-0.097	---
19	Calver Boulevard	s/o Lincoln Boulevard	-	0.421	0.371	-0.050	---	0.115	0.108	-0.006	---	0.268	0.279	0.011	---	0.388	0.430	0.042	---	0.379	0.371	-0.009	---	0.364	0.358	-0.006	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.456	0.458	0.008	---	0.310	0.363	0.053	---	0.387	0.450	0.063	---	0.134	0.154	0.020	---	0.134	0.154	0.020	---	0.383	0.376	-0.004	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.655	0.776	0.111	X	0.381	0.373	-0.008	---	0.612	0.647	0.034	---	0.510	0.647	0.037	---	0.552	0.599	0.047	---	0.597	0.585	-0.012	---
22	Calver Boulevard	w/o Jefferson Avenue**	-	0.675	0.440	-0.234	---	0.248	0.258	0.010	---	0.430	0.415	-0.014	---	0.734	0.721	-0.013	---	0.381	0.339	-0.044	---	0.410	0.410	0.000	---
23	Vista Del Mar	s/o Calver Boulevard**	-	0.391	0.148	-0.243	---	0.158	0.110	-0.047	---	0.194	0.224	0.030	---	0.373	0.357	-0.016	---	0.276	0.211	-0.065	---	0.224	0.235	0.011	---
24	La Brea Avenue	s/o Stinson Avenue	-	0.605	0.626	0.022	---	0.373	0.382	0.010	---	0.570	0.578	0.008	---	0.588	0.626	0.018	---	0.474	0.474	0.001	---	0.527	0.539	0.012	---
25	Jefferson Boulevard	n/o Rossmore Avenue	-	0.388	0.389	0.002	---	0.553	0.644	-0.009	---	0.477	0.456	-0.021	---	0.439	0.423	-0.018	---	0.131	0.126	-0.005	---	0.619	0.592	-0.026	---
26	Sepulveda Boulevard	s/o Stinson Avenue	-	0.833	0.827	-0.006	---	0.371	0.320	-0.051	---	0.634	0.569	-0.034	---	0.757	0.713	-0.044	---	0.432	0.424	-0.009	---	0.453	0.401	-0.052	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.289	0.329	0.039	---	0.518	0.510	-0.008	---	0.589	0.543	-0.045	---	0.499	0.484	-0.004	---	0.400	0.423	0.024	---	0.602	0.593	-0.009	---
28	El Segundo Boulevard	w/o Rossmore Avenue	Yes	0.197	0.203	0.006	---	0.488	0.490	0.002	---	0.716	0.745	0.029	---	0.378	0.389	0.011	---	0.682	0.665	-0.023	---	0.803	0.849	0.046	X
29	Inglewood Avenue	n/o Rossmore Avenue	-	0.424	0.435	0.011	---	0.334	0.343	0.009	---	0.453	0.491	0.018	---	0.735	0.811	0.016	---	0.445	0.468	0.042	---	0.279	0.286	0.009	---
30	Vista Del Mar	s/o Grand Avenue	-	0.795	0.832	-0.163	---	0.150	0.148	-0.001	---	0.183	0.196	0.015	---	0.518	0.465	-0.222	---	0.298	0.285	-0.003	---	0.198	0.211	0.013	---
* IMPACTS			3																								

\*\* Intersections at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

2005 PHASE 3F - ALTERNATIVE B VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS

2005 PHASE 3F - ALTERNATIVE B VS. ADJUSTED ENVIRONMENTAL BASELINE VOLUMES FOR PHASE 3F IMPACTS																											
No.		Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Afternoon Peak Hour							
				NB/EB				SB/AB				NB/EB				SB/AB				NB/EB				SB/AB			
				Adj.Env. V/C	Alter B V/C	Alter B Adj.Env.	Pk Hr Impact	Adj.Env. V/C	Alter B V/C	Alter B Adj.Env.	Pk Hr Impact	Adj.Env. V/C	Alter B V/C	Alter B Adj.Env.	Pk Hr Impact	Adj.Env. V/C	Alter B V/C	Alter B Adj.Env.	Pk Hr Impact	Adj.Env. V/C	Alter B V/C	Alter B Adj.Env.	Pk Hr Impact	Adj.Env. V/C	Alter B V/C	Alter B Adj.Env.	Pk Hr Impact
1	Interstate 405	n/a Venice Blvd. HOV	Yes	0.759	0.899	0.140	---	0.782	0.550	0.188	---	0.865	1.049	0.134	X	0.716	0.907	0.187	---	0.947	1.125	0.178	X	0.902	1.078	0.176	X
			-	0.742	0.599	-0.043	---	0.589	0.789	-0.381	---	0.919	0.868	-0.051	---	0.792	0.758	-0.336	---	0.595	0.876	-0.118	---	1.241	1.171	-0.073	---
2	Interstate 405	n/a La Tijera Blvd. HOV	Yes	0.910	1.032	0.123	X	1.038	1.218	0.181	X	1.052	1.231	0.178	X	0.991	1.143	0.152	X	1.123	1.259	0.139	X	0.973	1.137	0.184	---
			-	0.843	0.872	-0.071	---	0.879	0.859	-0.020	---	1.156	1.096	-0.061	---	0.939	0.877	-0.063	---	1.132	0.966	-0.136	---	1.153	0.981	-0.059	---
3	Interstate 405	s/a Rosecrans Ave. HOV	Yes	1.049	1.072	0.023	X	0.649	0.937	0.088	---	0.935	0.979	0.045	---	1.132	1.174	0.042	X	1.119	1.136	0.017	X	0.840	0.912	0.063	---
			-	1.065	1.007	-0.059	---	0.568	0.972	0.004	---	0.884	0.931	0.047	---	0.900	0.934	0.034	---	1.035	1.105	0.070	X	0.572	0.600	0.028	---
4	Interstate 105	e/a Chenshaw Blvd. HOV	Yes	0.725	0.789	0.064	---	0.934	0.967	0.033	---	0.682	0.880	0.019	---	0.666	0.867	-0.001	---	0.522	0.555	0.033	---	0.572	0.600	0.028	---
			-	0.668	0.844	-0.022	---	1.014	0.967	0.048	---	1.131	1.109	-0.022	---	0.715	0.874	0.155	---	1.085	0.988	-0.047	---	1.125	1.132	0.007	---
# IMPACTS			4																								

## Los Angeles International Airport Master Plan

2005 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																												
No.		Link Location		Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
					NB/E/B				SB/W/B				NB/E/B				SB/W/B				NB/E/B				SB/W/B			
					Adj. Env. V/C	Alter B V/C	Alter B Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B Adj. Env.	Pk Hr Impact
1	Interstate 405 s/o Venice Blvd. HOV	Yes	0.759	0.897	0.138	---	0.762	0.949	0.186	---	0.885	1.048	0.183	X	0.716	0.855	0.180	---	0.947	1.124	0.177	X	0.902	1.085	0.183	X		
		Yes	0.742	0.894	-0.048	---	0.869	0.797	-0.073	---	0.919	0.857	-0.062	---	0.782	0.745	-0.046	---	0.995	0.833	-0.162	---	1.241	1.151	-0.090	---		
2	Interstate 405 s/o La Tijera Blvd. HOV	Yes	0.910	1.030	0.120	X	1.038	1.220	0.191	X	1.052	1.238	0.186	X	0.991	1.133	0.142	X	1.120	1.248	0.128	X	0.973	1.159	0.186	---		
		Yes	0.943	0.977	-0.066	---	0.879	0.850	-0.029	---	1.156	1.031	-0.126	---	0.939	0.871	-0.068	---	1.132	0.989	-0.143	---	1.150	1.055	-0.095	---		
3	Interstate 405 s/o Resecrans Ave. HOV	Yes	1.049	1.375	0.026	X	0.848	0.836	0.007	---	0.985	0.974	0.039	---	1.132	1.172	0.040	X	1.119	1.139	0.020	X	1.024	1.074	0.049	---		
		Yes	1.065	1.014	-0.051	---	0.968	0.577	-0.391	---	0.884	0.920	0.036	---	0.900	0.828	-0.072	---	1.035	1.114	0.079	X	0.949	0.912	0.063	---		
4	Interstate 105 s/o Cronshaw Blvd. HOV	Yes	0.725	0.787	0.062	---	0.934	0.967	0.033	---	0.882	0.881	0.020	---	0.868	0.855	-0.014	---	0.922	0.552	0.029	---	0.573	0.637	0.034	---		
		Yes	0.668	0.636	-0.031	---	1.014	0.969	-0.046	---	1.131	1.112	-0.018	---	0.715	0.832	0.117	---	1.035	0.977	-0.058	---	1.125	1.139	0.014	---		
# IMPACTS		4																										

2005 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

No. Freeway Ramps			Significant Impacts	AM Peak Hour				PM Peak Hour				Airport Peak Hour			
				Adj. Env. V/C	ALT. B V/C	ALT. B-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	ALT. B V/C	ALT. B-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	ALT. B V/C	ALT. B-Adj. Env.	Pk Hr Impact
1	405 NB off-ramp	at Sepulveda Blvd.	-	0.438	0.469	0.031	---	0.456	0.449	-0.007	---	0.760	0.755	-0.005	---
2	405 SB off-ramp	at Howard Hughes Pkwy.	-	0.182	0.208	0.026	---	0.230	0.260	0.029	---	0.258	0.241	-0.017	---
3	405 SB on-ramp	at Howard Hughes Pkwy.	-	0.189	0.161	-0.028	---	0.543	0.459	-0.085	---	0.440	0.395	-0.045	---
4	405 NB off-ramp	at Howard Hughes Pkwy.	-	0.184	0.177	-0.007	---	0.181	0.173	-0.009	---	0.208	0.185	-0.023	---
5	405 NB on-ramp	at Howard Hughes Pkwy.	-	0.560	0.822	0.262	---	0.456	0.580	0.124	---	0.341	0.418	0.077	---
6	405 SB off-ramp	at La Tijera Blvd.	-	0.327	0.366	0.039	---	0.461	0.488	0.027	---	0.399	0.373	-0.027	---
7	405 SB on-ramp	at La Tijera Blvd.	-	0.491	0.465	-0.026	---	0.489	0.498	0.009	---	0.223	0.242	0.019	---
8	405 NB off-ramp	at La Tijera Blvd.	-	0.521	0.536	0.015	---	0.588	0.588	0.000	---	0.285	0.273	-0.012	---
9	405 NB on-ramp	at La Tijera Blvd.	-	0.447	0.507	0.060	---	0.411	0.411	0.000	---	0.311	0.307	-0.004	---
	405 NB on-ramp	at Manchester Blvd. East	-	0.335	0.354	0.019	---	0.495	0.478	-0.017	---	0.313	0.389	0.075	---
11	405 NB on-ramp	at Manchester Blvd. West	-	0.317	0.319	0.002	---	0.315	0.398	0.073	---	0.378	0.476	0.098	---
12	405 NB off-ramp	at Manchester Blvd.	-	0.922	0.905	-0.017	---	0.612	0.599	-0.013	---	0.773	0.757	-0.015	---
13	405 SB on-ramp	at Manchester Blvd.	-	0.631	0.511	-0.120	---	0.841	0.755	-0.085	---	0.589	0.457	-0.132	---
14	405 SB off-ramp	at La Cienega Blvd. (n/o Century Blvd.)	Yes	0.664	0.782	0.118	---	0.636	0.701	0.065	---	0.755	1.083	0.328	X
15	405 SB on-ramp	at La Cienega Blvd. (n/o Century Blvd.)	-	0.158	0.181	0.023	---	0.310	0.221	-0.089	---	0.271	0.253	-0.017	---
16	405 SB off-ramp	at La Cienega Blvd. (s/o Century Blvd.)	-	0.221	0.345	0.123	---	0.296	0.268	-0.028	---	0.149	0.275	0.127	---
17	405 SB on-ramp	at La Cienega Blvd. (s/o Century Blvd.)	-	0.404	0.284	-0.120	---	0.618	0.476	-0.142	---	0.455	0.415	-0.040	---
18	405 NB off-ramp	at Century Blvd.	-	0.891	0.893	0.002	---	0.531	0.498	-0.033	---	0.415	0.394	-0.021	---
19	405 NB on-ramp	at Century Blvd. EB	-	0.247	0.468	0.221	---	0.508	0.913	0.405	---	0.150	0.428	0.278	---
20	405 NB on-ramp	at Century Blvd. WB	-	0.402	0.419	0.017	---	0.288	0.296	0.008	---	0.319	0.375	0.056	---
21	405 SB off-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.238	0.229	-0.009	---	0.099	0.107	0.009	---	0.190	0.225	0.035	---
22	405 SB on-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.073	0.027	-0.046	---	0.127	0.075	-0.053	---	0.139	0.085	-0.054	---
23	405 SB off-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.123	0.154	0.031	---	0.169	0.187	0.017	---	0.247	0.264	0.017	---
24	405 SB on-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.053	0.053	0.000	---	0.199	0.199	0.000	---	0.000	0.017	0.017	---
25	405 SB off-ramp	El Segundo Blvd.	-	0.363	0.340	-0.023	---	0.141	0.075	-0.066	---	0.201	0.154	-0.047	---
26	405 SB on-ramp	El Segundo Blvd.	-	0.225	0.189	-0.035	---	0.913	0.983	0.070	---	0.261	0.331	0.071	---
27	405 NB off-ramp	El Segundo Blvd.	-	0.557	0.556										



INTERSECTIONS	BA ID	Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. C V/C	Alt. C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. C V/C	Alt. C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. C V/C	Alt. C - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3	3958	4370	4344	Yes	0.629	0.761	0.131	X	0.815	0.675	-0.139	---	0.929	0.645	-0.285	---
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A																
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B																
AIRPORT BLVD at CENTURY BLVD	4	4094	4744	3635	---	0.442	0.560	0.118	---	0.553	0.598	0.045	---	0.738	0.542	-0.196	---
AIRPORT BLVD at LA TIJERA BLVD	5	3022	2613	2922	---	0.507	0.643	0.136	---	0.538	0.385	-0.153	---	0.684	0.806	-0.078	---
AIRPORT BLVD at MANCHESTER AV	6	4136	3231	4247	Yes	0.690	0.811	0.121	X	0.712	0.568	-0.144	---	0.895	0.771	-0.114	---
*AVIATION BLVD at ARBOR VITAE ST (1)	7	7334	6806	7266		0.715	1.969			0.770	1.719			0.717	1.702		
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5502	4952	5698	Yes	0.732	1.129	0.397	X	0.696	0.952	0.256	X	0.793	1.217	0.424	X
AVIATION BLVD at 111TH ST	10	2550	3284	4424	---	0.381	0.524	0.143	---	0.457	0.616	0.159	---	0.806	0.735	-0.071	---
*AVIATION BLVD at CENTURY BLVD	11	8060	8482	8035	Yes	0.828	1.431	0.603	X	1.006	1.012	0.006	---	1.604	1.553	-0.250	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5646	6215	5512	Yes	0.951	1.062	0.111	X	0.969	1.021	0.063	X	0.903	1.033	0.130	---
*AVIATION BLVD at IMPERIAL HWY	13	6979	7091	6161	Yes	0.935	1.457	0.522	X	1.305	1.353	0.049	X	1.243	1.109	-0.134	---
AVIATION BLVD at MANCHESTER AV	14	4597	3773	4781	Yes	0.880	1.093	0.112	X	0.787	0.721	-0.066	---	1.399	1.214	-0.185	---
AVIATION BLVD at ROSECRANS AV	15	6813	8389	6732	Yes	1.179	1.408	0.229	X	1.475	1.474	-0.001	---	1.336	1.385	0.049	---
CENTINELA AV at JEFFERSON BLVD	18	3880	5449	3842	---	1.077	1.025	-0.051	---	1.100	1.037	-0.063	---	0.911	1.006	0.095	---
SEPULVEDA BLVD at CENTINELA AV	22	4712	6006	4696	---	1.071	0.793	-0.278	---	0.969	0.925	-0.044	---	0.819	0.783	-0.036	---
*LA CIENEGA BLVD at CENTURY BLVD	26	5476	7099	5299	Yes	0.716	0.718	0.001	---	0.721	0.827	0.106	X	0.535	0.694	0.159	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	1967	4688	2153	---	0.731	0.181	-0.550	---	0.885	0.595	-0.320	---	0.661	0.211	-0.451	---
CULVER BLVD at JEFFERSON BLVD	28	2295	3797	2385	---	0.896	0.523	-0.373	---	1.072	0.896	-0.176	---	0.588	0.576	-0.012	---
VISTA DEL MAR at CULVER BLVD	33	1144	1568	1205	---	0.604	0.278	-0.327	---	0.347	0.340	-0.007	---	0.364	0.294	-0.070	---
*DOUGLAS ST at IMPERIAL HWY	34	2517	2721	2572	---	0.433	0.445	0.012	---	0.610	0.338	-0.272	---	0.516	0.437	-0.079	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6879	7610	6842	Yes	1.007	1.025	0.019	X	1.135	1.108	-0.027	---	0.889	0.993	0.104	---
VISTA DEL MAR at GRAND AV	36	1824	2632	2077	---	0.813	0.591	-0.222	---	0.459	0.607	0.148	---	0.469	0.707	0.237	---
LA CIENEGA BLVD at FLORENCE AV	40	5259	4259	5149	Yes	0.690	1.460	0.778	X	0.925	1.024	0.099	X	1.428	1.450	0.023	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2144	2562	2186	---	1.145	0.842	-0.303	---	0.887	0.839	-0.048	---	0.862	0.845	-0.017	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	4686	5707	4877	---	0.710	0.748	0.037	---	0.788	0.747	-0.041	---	0.649	0.635	-0.014	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5210	4627	4616	Yes	0.688	0.786	0.098	X	0.797	0.667	-0.130	---	0.791	0.729	-0.062	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	3806	1858	3956	---	0.288	0.659	0.371	---	0.275	0.277	0.003	---	0.649	0.674	0.025	---
*MAIN ST at IMPERIAL HWY (1)	47					0.812				0.997				0.522			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4148	4599	3682	---		0.849				0.799				0.794		
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3333	3209	2942	---		0.872				0.709				0.766		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	2601	3086	2556	---	1.283	0.430	-0.853	---	0.508	0.547	0.039	---	0.462	0.433	-0.029	---
PERSHING DR at IMPERIAL HWY (3)	49					1.060				0.907				0.616			
*SEPULVEDA BLVD at IMPERIAL HWY	50	6135	7815	5788	Yes	0.797	0.849	0.052	X	1.015	1.645	0.630	X	0.794	0.804	0.009	---
*VISTA DEL MAR at IMPERIAL HWY	51	1847	3082	2183	Yes	0.774	0.387	-0.387	---	0.538	0.206	-0.332	X	0.576	0.546	-0.030	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	5457	3529	5130	---	0.602	0.577	-0.025	---	0.476	0.497	0.021	---	0.537	0.570	0.033	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	2963	3576	2925	---	0.778	0.648	-0.130	---	0.842	0.848	0.006	---	0.649	0.630	-0.019	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	2867	3672	2779	---	0.539	0.414	-0.125	---	0.704	0.653	-0.051	---	0.409	0.399	-0.010	---
LINCOLN BLVD at JEFFERSON BLVD	57	5501	8196	5449	---	0.930	0.813	-0.117	---	1.282	1.037	-0.216	---	0.883	0.767	-0.116	---
LA CIENEGA BLVD at 111TH ST(3)	67	814	1378	2270	---	0.166	0.199	0.033	---	0.253	0.486	0.233	---	0.569	0.635	0.066	---
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2792	2157	2866	---	0.339	0.521	0.182	---	0.482	0.391	-0.091	---	0.658	0.495	-0.163	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1981	1306	2162	---	0.255	0.270	0.015	---	0.262	0.215	-0.047	---	0.393	0.345	-0.047	---
LA CIENEGA BLVD at LENNOX BLVD	71	2277	1799	2925	---	0.396	0.423	0.028	---	0.430	0.203	-0.227	---	0.842	0.507	-0.336	---
LA CIENEGA BLVD at MANCHESTER AV	72	5254	4003	5118	Yes	0.647	1.057	0.410	X	0.759	0.727	-0.032	---	1.018	1.031	0.012	---
I-405 N/B RAMPS at LA TIJERA BLVD	78	2234	4627	2243	---	0.878	0.562	-0.326	---	0.941	0.948	0.007	---	0.597	0.561	-0.037	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	2919	4438	2889	---	0.760	0.399	-0.361	---	0.837	0.853	0.016	---	0.401	0.382	-0.019	---
LINCOLN BLVD at LA TIJERA BLVD	81	4145	4370	3852	Yes	0.462	0.702	0.241	X	0.522	0.523	0.001	---	0.303	0.691	0.388	---
LA TIJERA BLVD at MANCHESTER AV	82	3131	3447	2683	---	0.578	0.597	0.019	---	0.588	0.643	0.055	---	0.625	0.496	-0.130	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	3238	6536	2963	Yes	0.781	0.679	-0.102	---	0.682	1.446	0.764	X	0.411	0.637	0.227	---
LINCOLN BLVD at 83RD ST	87	6581	7451	6395	Yes	0.950	1.385	0.436	X	1.082	1.148	0.066	X	1.281	1.350	0.070	---
LINCOLN BLVD at MANCHESTER AV	88	5944	7603	5657	Yes	0.697	1.004	0.307	X	1.004	1.199	0.195	X	0.832	0.963	0.131	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.580				0.577				0.485			
LINCOLN BLVD at TEALE ST	94	5074	6163	4960	---	0.544	0.402	-0.142	---	0.611	0.545	-0.065	---	0.373	0.389	0.016	---
PERSHING DR at MANCHESTER AV	98	794	1996	806	---	0.432	0.150	-0.282	---	0.560	0.499	-0.061	---	0.285	0.153	-0.111	---
SEPULVEDA BLVD at MANCHESTER AV	99	4394	5893	4214	---	0.936	0.822	-0.113	---	0.963	0.926	-0.027	---	0.810	0.807	-0.003	---
SEPULVEDA BLVD at MARIPOSA AV	100	5787	7172	5704	Yes	0.719	1.451	0.732	X	0.955	1.289	0.334	X	1.096	1.464	0.368	---
PERSHING DR at WESTCHESTER PKWY (2)	101	906	3975	3232	---	0.281	0.287	0.006	---	0.197	0.027	-0.170	---	0.114	0.061	-0.053	---
SEPULVEDA BLVD at ROSECRANS AV	103	8045	9508	8013	Yes	1.540	1.836	0.296	X	1.700	1.671	-0.029	---	1.803	1.834	0.031	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4038	3733	3851	---	1.191	0.925	-0.267	---	0.947	0.848	-0.099	---	0.927	0.882	-0.045	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4020	4273	3989	---	0.699	0.653	-0.046	---	0.635	0.654	0.020	---	0.668	0.660	-0.008	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.791				0.882				0.511			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	2511	5008	2453	---		0.479				0.753				0.437		
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	2732	5036	2641	---		0.406				0.485				0.373		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	3674	3358	3758	Yes	0.700	0.945	0.245	X	0.589	0.673	0.083	---	0.755	0.990	0.235	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	2546	4194	2494	---	0.730	0.432	-0.298	---	0.580	0.655	0.075	---	0.309	0.427	0.118	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2936	3319	2916	---	0.588	0.448	-0.140	---	0.590	0.615	0.025	---	0.416	0.440	0.024	---
LA CIENEGA BLVD at 120TH ST	313	1078	935	856	---	0.232	0.459	0.227	---	0.418	0.424	0.006	---	0.351	0.359	0.007	---

## # IMPACTS

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Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	BA ID	Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	A/C V/C	A/C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	A/C V/C	A/C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	A/C V/C	A/C - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST	3	4613	4541	4277	---	0.629	0.693	0.064	---	0.815	0.662	-0.153	---	0.929	0.645	-0.285	---
AIRPORT BLVD at CENTURY BLVD	4	4106	4764	3591	---	0.442	0.420	-0.023	---	0.553	0.597	0.044	---	0.738	0.547	-0.191	---
AIRPORT BLVD at LA TIJERA BLVD	5	2547	2829	2985	---	0.507	0.461	-0.046	---	0.538	0.466	-0.072	---	0.684	0.614	-0.070	---
AIRPORT BLVD at MANCHESTER AV	6	3054	3339	4143	---	0.690	0.521	-0.169	---	0.712	0.588	-0.124	---	0.885	0.759	-0.127	---
*AVIATION BLVD at ARBOR VITAE ST	7	6599	6804	7314	Yes	0.716	1.641	0.925	X	0.770	1.779	1.009	X	0.717	1.694	0.977	X
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4604	5024	5670	Yes	0.732	1.451	0.719	X	0.696	0.959	0.263	X	0.793	1.215	0.421	X
AVIATION BLVD at 111TH ST	10	2599	3314	4483	---	0.381	0.527	0.147	---	0.457	0.611	0.155	---	0.808	0.795	-0.011	---
*AVIATION BLVD at CENTURY BLVD	11	6711	8588	8009	Yes	0.828	1.497	0.668	X	1.006	1.043	0.036	X	1.804	1.525	-0.279	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5127	6275	5498	Yes	0.951	0.980	0.029	X	0.959	1.029	0.071	X	0.903	1.039	0.137	---
*AVIATION BLVD at IMPERIAL HWY	13	4828	7269	6205	Yes	0.935	0.804	-0.031	---	1.305	1.352	0.047	X	1.243	1.123	-0.120	---
AVIATION BLVD at MANCHESTER AV	14	2897	3858	4678	---	0.980	0.618	-0.362	---	0.787	0.778	-0.008	---	1.399	1.211	-0.177	---
AVIATION BLVD at ROSECRANS AV	15	7045	8420	6734	Yes	1.179	1.219	0.040	X	1.475	1.489	0.014	X	1.336	1.385	0.049	---
CENTINELA AV at JEFFERSON BLVD	18	4528	5591	3871	Yes	1.077	0.898	-0.189	---	1.100	1.162	0.062	X	0.911	1.014	0.103	---
SEPULVEDA BLVD at CENTINELA AV	22	6147	6192	4674	---	1.071	1.023	-0.047	---	0.969	0.978	0.009	---	0.819	0.785	-0.034	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6034	7223	5261	Yes	0.716	0.868	0.152	X	0.721	0.843	0.122	X	0.535	0.686	0.151	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4436	4796	2236	---	0.731	0.399	-0.333	---	0.685	0.581	-0.304	---	0.661	0.229	-0.432	---
CULVER BLVD at JEFFERSON BLVD	28	2515	3576	2347	---	0.896	0.641	-0.255	---	1.072	0.885	-0.187	---	0.588	0.565	-0.023	---
VISTA DEL MAR at CULVER BLVD	33	1104	1858	1339	---	0.604	0.334	-0.270	---	0.347	0.449	0.102	---	0.364	0.339	-0.025	---
*DOUGLAS ST at IMPERIAL HWY	34	1828	2925	2611	---	0.433	0.299	-0.134	---	0.610	0.375	-0.234	---	0.516	0.444	-0.072	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6156	7743	6868	---	1.007	1.016	0.010	---	1.135	1.133	-0.002	---	0.889	0.992	0.103	---
VISTA DEL MAR at GRAND AV	36	2848	2719	2074	Yes	0.813	0.905	0.091	X	0.459	0.665	0.206	---	0.469	0.707	0.238	---
LA CIENEGA BLVD at FLORENCE AV	40	3238	4348	5191	Yes	0.690	0.740	0.051	X	0.925	1.048	0.123	X	1.428	1.468	0.041	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2592	2595	2187	---	1.145	1.021	-0.124	---	0.887	0.842	-0.045	---	0.862	0.848	-0.014	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6061	5770	4893	Yes	0.710	0.769	0.058	X	0.788	0.757	-0.032	---	0.649	0.635	-0.015	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4716	4754	4628	Yes	0.689	0.786	0.098	X	0.797	0.679	-0.118	---	0.791	0.728	-0.063	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1925	1854	3985	---	0.288	0.293	0.005	---	0.275	0.277	0.002	---	0.649	0.675	0.026	---
*MAIN ST at IMPERIAL HWY (1)	47				---	0.812			---	0.997			---	0.522			---
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2615	2918	2503	---		0.639		---		0.752		---		0.591		---
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	2193	2001	2318	---		0.580		---		0.531		---		0.527		---
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3747	3255	2588	---	1.283	1.223	-0.060	---	0.508	0.584	0.057	---	0.462	0.428	-0.034	---
PERSHING DR at IMPERIAL HWY (3)	49				---	1.060			---	0.907			---	0.616			---
*SEPULVEDA BLVD at IMPERIAL HWY	50	6453	7944	5741	Yes	0.797	1.155	0.358	X	1.015	1.511	0.496	X	0.794	0.780	-0.015	---
*VISTA DEL MAR at IMPERIAL HWY	51	3113	3221	2204	Yes	0.774	1.108	0.334	X	0.538	0.751	0.213	X	0.576	0.511	-0.065	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	3218	3652	5127	---	0.602	0.566	-0.036	---	0.476	0.513	0.037	---	0.537	0.568	0.029	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	2953	3650	2886	Yes	0.778	0.764	-0.013	---	0.842	0.887	0.045	X	0.649	0.622	-0.028	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3255	3825	2808	---	0.539	0.494	-0.045	---	0.704	0.666	-0.038	---	0.409	0.401	-0.008	---
LINCOLN BLVD at JEFFERSON BLVD	57	6275	8266	5546	Yes	0.930	0.954	0.024	X	1.252	1.080	-0.193	---	0.893	0.795	-0.088	---
LA CIENEGA BLVD at 111TH ST	67	1392	1402	2310	---	0.166	0.400	0.234	---	0.253	0.502	0.249	---	0.569	0.661	0.092	---
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1682	2189	2853	---	0.339	0.325	-0.015	---	0.482	0.405	-0.077	---	0.658	0.491	-0.167	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1306	1312	2191	---	0.256	0.241	-0.015	---	0.262	0.214	-0.048	---	0.393	0.355	-0.037	---
LA CIENEGA BLVD at LENNOX BLVD	71	1620	1832	2937	---	0.398	0.216	-0.180	---	0.430	0.210	-0.220	---	0.842	0.506	-0.336	---
LA CIENEGA BLVD at MANCHESTER AV	72	3284	4096	5130	---	0.647	0.673	0.025	---	0.759	0.731	-0.028	---	1.018	1.015	-0.003	---
I-405 N/B RAMPS at LA TIJERA BLVD	78	4310	4700	2243	Yes	0.878	0.906	0.027	X	0.941	0.947	0.006	---	0.597	0.566	-0.041	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4096	4546	2932	---	0.760	0.772	0.013	---	0.837	0.831	-0.006	---	0.401	0.373	-0.028	---
LINCOLN BLVD at LA TIJERA BLVD	81	4482	5460	4185	Yes	0.462	0.614	0.153	---	0.522	0.771	0.249	X	0.303	0.836	0.533	---
LA TIJERA BLVD at MANCHESTER AV	82	2838	3722	2892	---	0.578	0.542	-0.036	---	0.588	0.668	0.079	---	0.625	0.546	-0.079	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	5869	6294	2883	Yes	0.781	1.409	0.629	X	0.682	1.347	0.665	X	0.411	0.545	0.135	---
LINCOLN BLVD at 83RD ST	87	5799	7799	6459	Yes	0.950	1.068	0.119	X	1.082	1.118	0.036	X	1.281	1.370	0.090	---
LINCOLN BLVD at MANCHESTER AV	88	5643	8427	5825	Yes	0.697	0.714	0.017	---	1.004	1.286	0.282	X	0.832	0.955	0.123	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				---	0.580			---	0.577			---	0.486			---
LINCOLN BLVD at TEALE ST	94	4997	6261	4998	---	0.544	0.564	0.020	---	0.611	0.536	-0.074	---	0.373	0.390	0.018	---
PERSHING DR at MANCHESTER AV	98	1688	2824	997	Yes	0.432	0.538	0.106	---	0.580	1.366	0.807	X	0.265	0.322	0.058	---
SEPULVEDA BLVD at MANCHESTER AV	99	5816	6074	4299	Yes	0.936	1.024	0.088	X	0.953	0.982	0.029	X	0.810	0.818	0.008	---
SEPULVEDA BLVD at MARIPOSA AV	100	5901	7173	5704	Yes	0.719	0.791	0.071	X	0.955	1.297	0.342	X	1.096	1.468	0.372	---
PERSHING DR at WESTCHESTER PKWY (2)	101	3950	4518	3295	---	0.281	0.033	-0.248	---	0.197	0.039	-0.158	---	0.114	0.048	-0.066	---
SEPULVEDA BLVD at ROSECRANS AV	103	8065	9593	8034	---	1.540	1.543	0.002	---	1.700	1.678	-0.022	---	1.803	1.839	0.036	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4489	3678	3807	---	1.191	1.021	-0.171	---	0.947	0.835	-0.113	---	0.927	0.871	-0.056	---
SEPULVEDA BLVD at 78TH/77TH ST	106	4745	4380	4014	Yes	0.699	0.823	0.124	X	0.635	0.681	0.046	---	0.668	0.681	-0.008	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109				---	0.791			---	0.882			---	0.511			---
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTIO	109A	4650	4538	2121	---		0.843		---		0.810		---		0.415		---
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTIO	109B	4808	5300	2421	---		0.898		---		0.786		---		0.445		---
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	3033	3380	3708	Yes	0.700	0.807	0.107	X	0.589	0.689	0.099	---	0.755	0.973	0.219	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3884	4253	2445	---	0.730	0.736	0.006	---	0.580	0.665	0.085	---	0.309	0.400	0.091	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2925	3360	2904	---	0.588	0.606	0.018	---	0.590	0.618	0.028	---	0.416	0.442	0.026	---
LA CIENEGA BLVD at 120TH ST	313	739	960	868	---	0.232	0.239	0.007	---	0.418	0.434	0.015	---	0.351	0.361	0.009	---

\* IMPACTS

Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better

## 2005 PHASE 3F - ALTERNATIVE C VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact
1	Lincoln Boulevard	n/o Venice Boulevard**	0.724	0.735	0.011	---	0.830	0.792	-0.039	---	0.875	0.865	-0.010	---	0.829	0.829	0.000	---	0.886	0.886	0.000	---	0.737	0.718	-0.019	---
2	Continental Avenue	s/o Venice Boulevard**	0.835	0.887	0.052	---	0.598	0.599	-0.005	---	0.770	0.748	-0.023	---	0.814	0.806	-0.007	---	0.650	0.654	0.004	---	0.793	0.738	-0.055	---
3	Santa Monica Boulevard	s/o Venice Boulevard**	0.443	0.454	0.011	---	0.496	0.469	0.003	---	0.421	0.425	0.004	---	0.595	0.621	0.026	---	0.482	0.442	-0.040	---	0.578	0.634	0.055	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	0.855	0.863	0.007	---	0.833	0.823	-0.010	---	0.836	0.836	0.002	---	0.823	0.822	-0.001	---	0.824	0.822	-0.002	---	0.868	0.842	-0.025	---
5	Oversand Avenue	s/o Venice Boulevard**	0.888	0.892	0.003	---	0.899	0.871	-0.027	---	0.825	0.814	-0.011	---	1.105	1.116	0.011	---	0.824	0.822	-0.002	---	0.868	0.842	-0.025	---
6	Stockton Street	s/o La Brea Avenue	0.428	0.443	0.022	---	0.418	0.399	-0.023	---	0.538	0.505	-0.033	---	0.365	0.405	0.041	---	0.476	0.491	0.015	---	0.499	0.491	-0.007	---
7	Stanton Avenue	s/o La Brea Avenue	0.389	0.396	0.008	---	0.571	0.673	0.008	---	0.553	0.652	-0.001	---	1.155	1.156	0.002	---	0.565	0.569	0.004	---	0.522	0.514	-0.008	---
8	Centinela Avenue	s/o La Brea Avenue	0.362	0.371	0.009	---	0.857	0.859	0.002	---	0.553	0.652	-0.001	---	1.155	1.156	0.002	---	0.565	0.569	0.004	---	0.522	0.514	-0.008	---
9	La Cienega Boulevard	s/o Stanton Avenue	0.539	0.545	0.006	---	0.510	0.506	-0.004	---	0.600	0.509	0.009	---	0.546	0.555	0.011	---	0.565	0.569	0.004	---	0.522	0.514	-0.008	---
10	Manchester Boulevard	w/o La Brea Avenue	0.473	0.487	0.014	---	0.484	0.494	0.010	---	0.562	0.559	-0.002	---	0.577	0.596	0.019	---	0.449	0.446	-0.003	---	0.510	0.518	0.008	---
11	Arbor Vitae Street	w/o La Brea Avenue	0.259	0.319	0.061	---	0.255	0.269	0.012	---	0.348	0.382	0.034	---	0.447	0.489	0.052	---	0.468	0.551	0.083	---	0.336	0.374	0.038	---
12	Century Boulevard	w/o La Brea Avenue	0.417	0.457	0.040	---	0.456	0.473	0.007	---	0.502	0.607	0.105	---	0.409	0.436	0.026	---	0.416	0.387	-0.029	---	0.371	0.381	0.011	---
13	Imperial Highway	w/o La Brea Avenue	0.282	0.284	0.001	---	0.319	0.307	-0.011	---	0.491	0.494	0.003	---	0.276	0.259	-0.016	---	0.428	0.443	0.015	---	0.495	0.567	0.072	---
14	Aviation Boulevard	n/o Rossmore Avenue	0.578	0.577	-0.001	---	0.247	0.282	0.034	---	0.371	0.387	0.016	---	0.636	0.613	-0.023	---	0.553	0.574	0.021	---	0.291	0.290	-0.001	---
15	Sepulveda Boulevard	n/o Rossmore Avenue	0.658	0.645	-0.013	---	0.265	0.281	0.016	---	0.445	0.458	0.013	---	0.783	0.785	0.002	---	0.479	0.487	0.008	---	0.516	0.495	-0.021	---
16	Pacific Avenue	s/o Venice Boulevard**	0.205	0.234	0.029	---	0.438	0.411	-0.027	---	0.285	0.279	-0.005	---	0.398	0.398	0.010	---	0.364	0.393	0.029	---	0.468	0.432	-0.036	---
17	Washington Boulevard	s/o Lincoln Boulevard**	0.521	0.627	0.107	---	0.425	0.414	-0.009	---	0.567	0.567	0.000	---	0.418	0.417	-0.001	---	0.317	0.319	0.002	---	0.492	0.496	0.004	---
18	Marina Freeway	s/o Lincoln Boulevard**	0.285	0.253	0.003	---	0.251	0.245	-0.005	---	0.332	0.325	-0.007	---	0.271	0.275	0.004	---	0.346	0.337	-0.009	---	0.363	0.293	-0.070	---
19	Culver Boulevard	s/o Lincoln Boulevard	0.421	0.437	0.016	---	0.115	0.151	-0.033	---	0.258	0.288	0.030	---	0.388	0.435	0.046	---	0.379	0.385	0.006	---	0.364	0.371	0.007	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	0.466	0.465	0.003	---	0.510	0.398	0.027	---	0.367	0.412	0.025	---	0.393	0.393	0.000	---	0.134	0.148	0.014	---	0.383	0.363	-0.019	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	0.655	0.780	0.115	X	0.381	0.373	-0.008	---	0.912	0.817	0.065	---	0.510	0.634	0.024	---	0.582	0.591	0.009	---	0.597	0.578	-0.019	---
22	Culver Boulevard	w/o Jefferson Avenue**	0.675	0.585	-0.092	---	0.248	0.232	0.004	---	0.430	0.459	0.029	---	0.734	0.771	0.037	---	0.381	0.371	-0.010	---	0.410	0.419	0.010	---
23	Vista Del Mar	s/o Culver Boulevard**	0.391	0.151	-0.240	---	0.159	0.108	-0.050	---	0.194	0.193	-0.001	---	0.373	0.359	-0.014	---	0.276	0.218	-0.058	---	0.224	0.214	-0.010	---
24	La Brea Avenue	s/o Stanton Avenue	0.605	0.623	0.018	---	0.373	0.378	0.006	---	0.570	0.579	0.009	---	0.588	0.599	0.011	---	0.474	0.478	0.004	---	0.527	0.535	0.007	---
25	Jefferson Boulevard	n/o Rossmore Road	0.368	0.264	-0.104	---	0.553	0.633	0.080	---	0.477	0.460	-0.017	---	0.439	0.433	-0.006	---	0.131	0.123	-0.008	---	0.619	0.601	-0.018	---
26	Sepulveda Boulevard	s/o Stanton Avenue	0.833	0.818	-0.015	---	0.371	0.320	-0.051	---	0.604	0.561	-0.043	---	0.757	0.725	-0.032	---	0.432	0.432	-0.002	---	0.453	0.384	-0.069	---
27	Centinela Avenue	w/o Sepulveda Boulevard	0.289	0.285	0.006	---	0.618	0.585	-0.033	---	0.589	0.591	-0.002	---	0.488	0.456	-0.033	---	0.420	0.422	0.002	---	0.602	0.571	-0.031	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	0.197	0.228	0.031	---	0.498	0.496	0.002	---	0.716	0.728	0.022	---	0.378	0.392	0.014	---	0.682	0.693	0.011	---	0.905	0.844	-0.061	---
29	Imperial Avenue	n/o Rossmore Avenue	0.424	0.435	0.011	---	0.334	0.339	0.005	---	0.463	0.493	0.030	---	0.295	0.311	0.016	---	0.445	0.474	0.028	---	0.279	0.265	-0.014	---
30	Vista Del Mar	s/o Grand Avenue	0.295	0.240	-0.055	---	0.150	0.203	0.054	---	0.183	0.231	0.047	---	0.518	0.554	0.036	---	0.298	0.325	0.027	---	0.198	0.238	0.040	---
IMPACTS			2																							

\*\* Interactions at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

Los Angeles International Airport Master Plan																											
2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS																											
No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/LB				SB/WB				NB/LB				SB/WB				NB/CB				SB/WB				
			Adj. Env. V/C	Alter C V/C	Alter C- Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C- Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C- Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C- Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C- Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C- Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.724	0.737	0.013	---	0.830	0.809	-0.021	---	0.875	0.867	-0.008	---	0.829	0.819	0.010	---	0.686	0.690	0.005	---	0.737	0.712	-0.025	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.885	0.886	0.002	---	0.598	0.591	-0.007	---	0.770	0.738	-0.032	---	0.914	0.826	0.012	---	0.650	0.650	0.000	---	0.793	0.740	-0.053	---
3	Sawtelle Boulevard	s/o Venice Boulevard**	-	0.443	0.456	0.013	---	0.496	0.510	0.013	---	0.421	0.424	0.003	---	0.595	0.623	0.034	---	0.482	0.443	-0.039	---	0.578	0.618	0.040	---
4	Sunland Boulevard	s/o Venice Boulevard**	-	3.855	0.661	2.306	---	0.633	0.619	-0.014	---	0.838	0.844	0.006	---	0.823	0.932	0.009	---	0.766	0.859	0.093	---	0.898	0.895	-0.003	---
5	Overland Avenue	s/o Venice Boulevard**	Yes	0.888	0.887	0.009	---	0.898	0.863	-0.015	---	0.825	0.811	-0.013	---	1.105	1.151	0.046	X	0.824	0.802	-0.022	---	0.988	0.953	-0.014	---
6	Stocker Street	s/o La Brea Avenue	-	0.428	0.451	0.024	---	0.418	0.395	-0.024	---	0.596	0.518	-0.023	---	0.395	0.423	0.028	---	0.475	0.488	0.012	---	0.489	0.491	-0.008	---
7	Slanson Avenue	s/o La Brea Avenue	-	0.388	0.399	0.011	---	0.671	0.580	0.009	---	0.599	0.507	0.007	---	0.467	0.478	0.011	---	0.351	0.369	0.018	---	0.331	0.348	0.016	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.362	0.376	0.014	---	0.857	0.658	-0.009	---	0.653	0.652	-0.001	---	1.185	1.149	-0.006	---	0.656	0.685	0.019	---	0.522	0.514	-0.008	---
9	La Cienega Boulevard	s/o Slanson Avenue	-	0.539	0.548	0.009	---	0.510	0.504	-0.006	---	0.650	0.600	0.000	---	0.546	0.572	0.026	---	0.374	0.373	-0.002	---	0.399	0.397	-0.002	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.473	0.497	0.024	---	0.484	0.495	0.011	---	0.562	0.558	0.004	---	0.577	0.504	0.027	---	0.449	0.453	0.004	---	0.510	0.524	0.014	---
11	Arbor Vitae Street	w/o La Brea Avenue	-	0.258	0.322	0.064	---	0.235	0.278	0.022	---	0.348	0.369	0.041	---	0.447	0.515	0.066	---	0.468	0.556	0.089	---	0.336	0.376	0.042	---
12	Century Boulevard	w/o La Brea Avenue	-	0.417	0.458	0.041	---	0.468	0.472	0.005	---	0.602	0.607	0.005	---	0.409	0.436	0.047	---	0.418	0.382	-0.035	---	0.371	0.375	0.004	---
13	Imperial Highway	w/o La Brea Avenue	-	0.282	0.271	-0.011	---	0.319	0.304	-0.015	---	0.491	0.499	0.007	---	0.279	0.268	-0.007	---	0.428	0.439	0.011	---	0.435	0.577	0.092	---
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.578	0.579	0.001	---	0.247	0.291	0.039	---	0.371	0.394	0.024	---	0.636	0.611	-0.025	---	0.355	0.377	0.023	---	0.281	0.292	0.001	---
15	Sunland Boulevard	n/o Rosecrans Avenue	-	0.858	0.846	-0.013	---	0.265	0.291	0.016	---	0.445	0.460	0.024	---	0.783	0.780	-0.003	---	0.479	0.491	0.012	---	0.516	0.495	-0.021	---
16	Pacific Avenue	s/o Van Ness Boulevard**	-	0.206	0.236	0.023	---	0.438	0.407	-0.031	---	0.285	0.269	-0.016	---	0.388	0.402	0.014	---	0.564	0.364	0.000	---	0.468	0.446	-0.022	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.621	0.623	0.003	---	0.435	0.416	0.011	---	0.367	0.351	-0.035	---	0.418	0.423	0.004	---	0.317	0.316	-0.002	---	0.492	0.486	0.004	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.250	0.250	0.000	---	0.251	0.243	-0.008	---	0.332	0.323	-0.009	---	0.271	0.278	0.007	---	0.346	0.336	-0.010	---	0.300	0.287	-0.004	---
19	Culver Boulevard	s/o Lincoln Boulevard	-	0.421	0.423	0.002	---	0.115	0.103	-0.012	---	0.268	0.276	0.008	---	0.388	0.464	0.076	---	0.379	0.384	0.005	---	0.364	0.352	-0.011	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.465	0.491	0.015	---	0.210	0.346	0.035	---	0.387	0.399	0.012	---	0.793	0.812	0.019	---	0.134	0.168	0.024	---	0.383	0.412	0.030	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.695	0.782	0.117	X	0.381	0.379	-0.008	---	0.812	0.803	-0.009	---	0.610	0.670	0.060	---	0.552	0.579	0.028	---	0.597	0.588	-0.008	---
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.675	0.573	-0.102	---	0.248	0.249	0.000	---	0.430	0.395	-0.035	---	0.734	0.793	0.059	---	0.381	0.363	-0.018	---	0.410	0.411	0.001	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.391	0.168	-0.224	---	0.158	0.112	-0.046	---	0.194	0.269	0.074	---	0.373	0.372	-0.001	---	0.278	0.248	-0.029	---	0.224	0.231	0.007	---
24	La Brea Avenue	s/o Slanson Avenue	-	0.635	0.660	0.016	---	0.373	0.365	0.013	---	0.570	0.571	0.001	---	0.588	0.596	0.008	---	0.474	0.479	0.005	---	0.527	0.547	0.020	---
25	Jefferson Boulevard	n/o Rodero Road	-	0.388	0.363	-0.005	---	0.653	0.638	-0.017	---	0.477	0.462	-0.015	---	0.439	0.454	0.014	---	0.131	0.123	-0.008	---	0.519	0.594	-0.025	---
26	Sunland Boulevard	s/o Slanson Avenue	-	0.833	0.827	-0.006	---	0.371	0.317	-0.054	---	0.654	0.575	-0.029	---	0.757	0.737	-0.020	---	0.432	0.418	-0.014	---	0.453	0.392	-0.061	---
27	Centinela Avenue	w/o Sunland Boulevard	-	0.289	0.298	0.009	---	0.618	0.598	-0.020	---	0.589	0.530	-0.050	---	0.489	0.517	0.029	---	0.400	0.416	0.017	---	0.602	0.579	-0.023	---
28	E. Segundo Boulevard	w/o Hawthorne Boulevard	-	0.197	0.203	0.006	---	0.488	0.497	0.009	---	0.716	0.736	0.020	---	0.378	0.398	0.020	---	0.602	0.685	0.024	---	0.879	0.841	0.031	---
29	Inglewood Avenue	n/o Rosecrans Avenue	-	0.424	0.434	0.010	---	0.334	0.338	0.004	---	0.463	0.517	0.054	---	0.735	0.739	0.004	---	0.446	0.473	0.027	---	0.279	0.292	0.014	---
30	Vista Del Mar	s/o Grand Avenue	-	0.795	0.745	-0.050	---	0.150	0.200	0.351	---	0.183	0.265	0.072	---	0.518	0.538	0.020	---	0.238	0.305	0.008	---	0.198	0.235	0.038	---
IMPACTS			2																								

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## 2005 PHASE 3F - ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS

2005 PHASE 3F - ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL DISBURSEMENT ALTERNATIVE C VS. ENVIRONMENTAL DISBURSEMENT																											
No.		Link Location	Total Impact	PM Peak Hour																Airport Peak Hour							
				AM Peak Hour								PM Peak Hour															
				NB/EB				SB/AB				NB/EB				SB/AB				NB/EB				SB/AB			
				Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact				
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.759	0.899	0.139	--	0.782	0.949	0.166	--	0.855	1.048	0.184	X	0.716	0.905	0.189	--	0.947	1.127	0.180	X	0.902	1.082	0.180	X	
		-	0.742	0.694	-0.048	--	0.869	0.794	-0.065	--	0.919	0.874	-0.045	--	0.792	0.730	-0.062	--	0.995	0.862	-0.133	--	1.241	1.152	-0.089	--	
2	Interstate 405 n/o La Tijera Blvd. HOV	Yes	0.910	1.019	0.109	X	1.038	1.210	0.172	X	1.052	1.227	0.175	X	0.991	1.140	0.145	X	1.120	1.268	0.148	X	0.973	1.147	0.174	--	
		-	0.943	0.870	-0.073	--	0.879	0.851	-0.028	--	1.156	1.074	-0.083	--	0.939	0.855	-0.083	--	1.132	1.006	-0.126	--	1.130	1.093	-0.037	--	
3	Interstate 405 s/o Rosecrans Ave. HOV	Yes	1.049	1.079	0.030	X	0.849	0.935	0.086	--	0.935	0.967	0.032	--	1.132	1.169	0.037	X	1.119	1.138	0.017	X	1.024	0.976	0.053	--	
		-	1.065	1.021	-0.045	--	0.868	0.578	0.010	--	0.884	0.894	0.009	--	0.900	0.931	0.031	--	1.035	1.107	0.072	X	0.849	0.919	0.070	--	
4	Interstate 105 s/o Cronshaw Blvd. HOV	Yes	0.725	0.793	0.068	--	0.934	0.970	0.036	--	0.862	0.880	0.019	--	0.868	0.674	0.006	--	0.922	0.953	0.030	--	0.573	0.600	0.028	--	
		-	0.866	0.631	-0.036	--	1.014	0.970	-0.045	--	1.131	1.107	0.024	--	0.715	0.942	0.128	--	1.035	0.986	-0.048	--	1.125	1.123	-0.002	--	
# IMPACTS			4																								

Los Angeles International Airport Master Plan 2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Traffic Impacts	AM Peak Hour												PM Peak Hour						Airport Peak Hour					
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj. Env. VC	Alt. C VC	Alt. C Adj. Env.	Pk Hr Impact	Adj. Env. VC	Alt. C VC	Alt. C Adj. Env.	Pk Hr Impact	Adj. Env. VC	Alt. C VC	Alt. C Adj. Env.	Pk Hr Impact	Adj. Env. VC	Alt. C VC	Alt. C Adj. Env.	Pk Hr Impact	Adj. Env. VC	Alt. C VC	Alt. C Adj. Env.	Pk Hr Impact	Adj. Env. VC	Alt. C VC	Alt. C Adj. Env.	Pk Hr Impact
1	Interstate 405 n/a Venice Blvd. HOV	Yes	0.759	0.901	-0.142	---	0.762	0.948	-0.186	---	0.855	1.042	-0.177	X	0.715	0.918	-0.202	---	0.947	1.124	-0.177	X	0.902	1.083	-0.181	X
2	Interstate 405 n/a La Tijera Blvd. HOV	Yes	0.742	0.892	-0.150	---	0.799	0.999	-0.200	---	0.919	0.991	-0.078	---	0.792	0.711	-0.082	---	0.995	0.862	-0.133	---	1.241	1.159	-0.082	---
3	Interstate 405 n/a Rosecrans Ave. HOV	Yes	0.910	1.019	-0.108	X	1.038	1.216	-0.178	X	1.032	1.243	-0.210	X	0.991	1.139	-0.148	X	1.120	1.284	-0.164	X	0.973	1.165	-0.191	---
4	Interstate 405 n/a Rosecrans Ave. HOV	Yes	0.843	0.870	-0.027	---	0.875	0.848	-0.026	---	1.156	1.076	-0.081	---	0.939	0.870	-0.068	---	1.132	0.985	-0.147	---	1.150	1.054	-0.096	---
5	Interstate 405 n/a Rosecrans Ave. HOV	Yes	1.049	1.078	-0.030	X	0.849	0.937	-0.088	---	0.935	0.985	-0.051	---	1.132	1.169	-0.038	X	1.119	1.136	-0.017	X	1.024	1.075	-0.050	---
6	Interstate 405 n/a Rosecrans Ave. HOV	Yes	1.063	1.015	-0.050	---	0.868	0.980	-0.112	---	0.984	0.935	-0.051	---	0.903	0.922	-0.022	---	1.035	1.101	-0.066	X	0.849	0.912	-0.063	---
7	Interstate 105 n/a Crenshaw Blvd. HOV	Yes	0.725	0.787	-0.062	---	0.934	0.976	-0.046	---	0.862	0.878	-0.017	---	0.898	0.879	-0.011	---	0.922	0.553	-0.030	---	0.573	0.603	-0.030	---
8	Interstate 105 n/a Crenshaw Blvd. HOV	Yes	0.686	0.633	-0.053	---	1.014	0.979	-0.036	---	1.131	1.110	-0.021	---	0.715	0.914	-0.200	---	1.035	0.985	-0.050	---	1.125	1.129	-0.004	---
# IMPACTS		4																								

[illegible]

2005 PHASE 3F - ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY RAMP LEVEL OF SERVICE COMPARISONS

## # IMPACTS

Los Angeles International Airport Master Plan

2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY RAMPS LEVEL OF SERVICE COMPARISONS

2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE			AM Peak Hour								PM Peak Hour				Airport Peak Hour			
No.	Freeway Ramps		Significant Impacts	Adj.Env. V/C	ALT. C V/C	ALT. C-Adj.Env.	Pk Hr Impact	Adj.Env. V/C	ALT. C V/C	ALT. C-Adj.Env.	Pk Hr Impact	Adj.Env. V/C	ALT. C V/C	ALT. C-Adj.Env.	Pk Hr Impact			
1	405 NB off-ramp	at Sepulveda Blvd.	-	0.438	0.464	0.026	---	0.458	0.492	0.036	---	0.760	0.749	-0.011	---			
2	405 SB off-ramp	at Howard Hughes Pkwy.	-	0.182	0.205	0.023	---	0.230	0.261	0.031	---	0.258	0.243	-0.015	---			
3	405 SB on-ramp	at Howard Hughes Pkwy.	-	0.189	0.162	-0.027	---	0.543	0.439	-0.104	---	0.440	0.400	-0.040	---			
4	405 NB off-ramp	at Howard Hughes Pkwy.	-	0.184	0.174	-0.010	---	0.181	0.187	0.005	---	0.208	0.183	-0.025	---			
5	405 NB on-ramp	at Howard Hughes Pkwy.	-	0.560	0.808	0.248	---	0.456	0.555	0.099	---	0.341	0.413	0.072	---			
6	405 SB off-ramp	at La Tijera Blvd.	-	0.327	0.355	0.028	---	0.461	0.495	0.034	---	0.399	0.366	-0.033	---			
7	405 SB on-ramp	at La Tijera Blvd.	-	0.491	0.486	-0.005	---	0.489	0.464	-0.025	---	0.223	0.231	0.008	---			
8	405 NB off-ramp	at La Tijera Blvd.	-	0.521	0.516	-0.005	---	0.588	0.571	-0.017	---	0.285	0.268	-0.017	---			
9	405 NB on-ramp	at La Tijera Blvd.	-	0.447	0.492	0.045	---	0.411	0.416	0.005	---	0.311	0.315	0.004	---			
10	405 NB on-ramp	at Manchester Blvd. East	-	0.335	0.352	0.017	---	0.495	0.487	-0.008	---	0.313	0.407	0.093	---			
11	405 NB on-ramp	at Manchester Blvd. West	-	0.317	0.326	0.009	---	0.315	0.381	0.065	---	0.378	0.437	0.059	---			
12	405 NB off-ramp	at Manchester Blvd.	-	0.922	0.885	-0.037	---	0.612	0.606	-0.006	---	0.773	0.767	-0.006	---			
13	405 SB on-ramp	at Manchester Blvd.	-	0.631	0.519	-0.111	---	0.841	0.733	-0.107	---	0.589	0.419	-0.169	---			
14	405 SB off-ramp	at La Cienega Blvd.	Yes	0.664	0.782	0.118	---	0.636	0.729	0.093	---	0.755	1.046	0.291	X			
15	405 SB on-ramp	(n/o Century Blvd.) at La Cienega Blvd.	-	0.158	0.222	0.064	---	0.310	0.253	-0.057	---	0.271	0.293	0.022	---			
16	405 SB off-ramp	(n/o Century Blvd.) at La Cienega Blvd.	-	0.221	0.271	0.049	---	0.296	0.211	-0.085	---	0.149	0.233	0.084	---			
17	405 SB on-ramp	(s/o Century Blvd.) at La Cienega Blvd.	-	0.404	0.241	-0.163	---	0.618	0.460	-0.158	---	0.455	0.296	-0.159	---			
18	405 NB off-ramp	(s/o Century Blvd.) at Century Blvd.	-	0.891	0.937	0.046	---	0.531	0.531	-0.001	---	0.415	0.393	-0.023	---			
19	405 NB on-ramp	at Century Blvd. EB	-	0.247	0.419	0.173	---	0.508	0.861	0.353	---	0.150	0.359	0.209	---			
20	405 NB on-ramp	at Century Blvd. WB	-	0.402	0.441	0.039	---	0.288	0.302	0.014	---	0.319	0.359	0.040	---			
21	405 SB off-ramp	at La Cienega Blvd.	-	0.238	0.243	0.005	---	0.099	0.112	0.013	---	0.190	0.216	0.026	---			
22	405 SB on-ramp	(n/o Imperial Hwy.) at La Cienega Blvd.	-	0.073	0.109	0.037	---	0.127	0.121	-0.006	---	0.139	0.186	0.047	---			
23	405 SB off-ramp	(n/o Imperial Hwy.) at La Cienega Blvd.	-	0.123	0.153	0.030	---	0.169	0.193	0.024	---	0.247	0.266	0.019	---			
24	405 SB on-ramp	(n/o El Segundo Blvd.) at La Cienega Blvd.	-	0.053	0.053	0.000	---	0.199	0.199	0.000	---	0.000	0.005	0.005	---			
25	405 SB off-ramp	(n/o El Segundo Blvd.) El Segundo Blvd.	-	0.363	0.324	-0.039	---	0.141	0.069	-0.072	---	0.201	0.163	-0.037	---			
26	405 SB on-ramp	El Segundo Blvd.	-	0.225	0.187	-0.038	---	0.913	0.955	0.042	---	0.261	0.331	0.070	---			
27	405 NB off-ramp	El Segundo Blvd.																

INTERSECTIONS	BA ID	No Action/No Project App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	NA/NP V/C	NA/NP Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	NA/NP V/C	NA/NP Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	NA/NP V/C	NA/NP Adj. Env.	Pk-Hr Impact
AIRPORT BLVD at ARBOR VITAE ST	3	3382	4335	5280	Yes	0.629	0.783	0.154	X	0.615	1.007	0.193	X	0.929	1.257	0.327	X
AIRPORT BLVD at CENTURY BLVD	4	4500	4834	4378	---	0.442	0.526	0.084	---	0.553	0.569	0.017	---	0.738	0.720	-0.018	---
AIRPORT BLVD at LA TIJERA BLVD	5	2942	3173	3350	---	0.507	0.564	0.058	---	0.538	0.574	0.036	---	0.684	0.697	0.012	---
AIRPORT BLVD at MANCHESTER AV	6	4268	4293	5079	Yes	0.690	0.847	0.157	X	0.712	0.785	0.053	X	0.885	0.883	-0.002	---
AVIATION BLVD at ARBOR VITAE ST	7	4133	4963	4845	Yes	0.715	0.921	0.205	X	0.770	0.976	0.206	X	0.717	0.886	0.169	---
LA CIENEGA BLVD at ARBOR VITAE ST	8	3877	4408	4612	Yes	0.732	0.987	0.255	X	0.696	0.783	0.087	X	0.793	0.825	0.032	X
AVIATION BLVD at 111TH ST	10	3360	3854	5221	Yes	0.381	0.503	0.122	---	0.457	0.635	0.178	---	0.806	0.857	0.051	X
AVIATION BLVD at CENTURY BLVD	11	7037	7806	7512	Yes	0.828	0.940	0.111	X	1.006	1.028	0.022	X	1.804	1.853	0.049	---
AVIATION BLVD at EL SEGUNDO BLVD	12	5176	6431	5334	Yes	0.951	1.036	0.086	X	0.959	1.012	0.053	X	0.903	1.015	0.113	---
AVIATION BLVD at IMPERIAL HWY	13	5834	7540	6730	Yes	0.935	0.950	0.015	X	1.305	1.185	-0.119	---	1.243	1.254	0.011	---
AVIATION BLVD at MANCHESTER AV	14	3607	4286	4966	Yes	0.980	1.086	0.106	X	0.787	0.853	0.066	X	1.399	1.397	-0.002	---
AVIATION BLVD at ROSECRANS AV	15	7108	8527	6662	Yes	1.179	1.291	0.112	X	1.475	1.506	0.031	X	1.336	1.370	0.033	---
CENTINELA AV at JEFFERSON BLVD	18	4866	5578	3869	Yes	1.077	1.110	0.033	X	1.100	1.077	-0.023	---	0.911	0.965	0.054	---
SEPULVEDA BLVD at CENTINELA AV	22	6500	6616	4930	Yes	1.071	1.133	0.063	X	0.969	1.002	0.033	X	0.819	0.833	0.014	---
LA CIENEGA BLVD at CENTURY BLVD	26	5790	6555	4544	Yes	0.716	0.806	0.089	X	0.721	0.755	0.034	---	0.535	0.564	0.028	---
SEPULVEDA BLVD at CENTURY BLVD	27	7358	7840	7295	Yes	0.731	0.799	0.067	X	0.885	0.894	0.009	---	0.661	0.746	0.085	---
CULVER BLVD at JEFFERSON BLVD	28	2857	3790	2450	---	0.896	0.843	-0.053	---	1.072	1.025	-0.047	---	0.588	0.609	0.021	---
VISTA DEL MAR at CULVER BLVD	33	1858	1735	1415	---	0.604	0.612	0.007	---	0.347	0.378	0.031	---	0.364	0.369	0.005	---
DOUGLAS ST at IMPERIAL HWY	34	2587	3829	3101	Yes	0.433	0.475	0.042	---	0.610	0.721	0.112	X	0.516	0.639	0.124	---
SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6462	7717	7024	Yes	1.007	1.106	0.100	X	1.135	1.179	0.044	X	0.889	0.943	0.054	---
VISTA DEL MAR at GRAND AV	36	2858	2121	1658	Yes	0.813	0.911	0.098	X	0.459	0.478	0.019	---	0.469	0.489	0.020	---
LA CIENEGA BLVD at FLORENCE AV	40	3361	4218	5258	Yes	0.690	0.767	0.078	X	0.925	0.989	0.064	X	1.428	1.455	0.028	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2893	2725	2222	Yes	1.145	1.203	0.058	X	0.887	0.914	0.027	X	0.862	0.880	0.018	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	5691	6083	5073	Yes	0.710	0.727	0.016	---	0.788	0.833	0.044	X	0.649	0.658	0.008	---
I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4654	5123	4895	Yes	0.688	0.639	-0.049	---	0.797	0.918	0.121	X	0.791	0.856	0.065	---
I-405 FWY NB RAMPS at IMPERIAL HWY	46	2060	2003	3959	---	0.288	0.344	0.056	---	0.275	0.291	0.016	---	0.649	0.681	0.032	---
MAIN ST at IMPERIAL HWY	47	3393	4195	2957	---	0.812	0.807	-0.005	---	0.997	0.951	-0.046	---	0.522	0.548	0.026	---
I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	4002	3718	2750	---	1.283	1.201	-0.082	---	0.508	0.615	0.107	---	0.462	0.408	-0.054	---
PERSHING DR at IMPERIAL HWY	49	3748	3798	2577	Yes	1.060	1.307	0.246	X	0.907	0.922	0.014	X	0.616	0.721	0.105	---
SEPULVEDA BLVD at IMPERIAL HWY	50	6572	7679	6661	---	0.797	0.815	0.018	---	1.015	1.009	-0.007	---	0.794	0.974	0.180	---
VISTA DEL MAR at IMPERIAL HWY	51	3066	2804	2242	Yes	0.774	0.835	0.062	X	0.538	0.557	0.020	---	0.576	0.571	-0.005	---
LA CIENEGA BLVD at IMPERIAL HWY	52	4090	4000	5367	Yes	0.602	0.893	0.291	X	0.476	0.521	0.044	---	0.537	0.580	0.043	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	2979	3757	3017	Yes	0.778	0.789	0.012	---	0.842	0.863	0.022	X	0.649	0.658	0.009	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3236	3641	2924	---	0.539	0.479	-0.060	---	0.704	0.647	-0.057	---	0.409	0.423	0.014	---
LINCOLN BLVD at JEFFERSON BLVD	57	6050	8625	5542	---	0.930	0.880	-0.050	---	1.252	1.229	-0.023	---	0.883	0.887	0.004	---
LA CIENEGA BLVD at 111TH ST	67	1674	1521	2585	---	0.166	0.407	0.241	---	0.253	0.351	0.098	---	0.569	0.699	0.129	---
LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2160	2744	3630	---	0.339	0.405	0.066	---	0.482	0.555	0.073	---	0.658	0.686	0.028	---
LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1420	1451	2460	---	0.256	0.272	0.016	---	0.282	0.246	-0.016	---	0.393	0.418	0.025	---
LA CIENEGA BLVD at LENNOX BLVD	71	1855	1615	2817	---	0.396	0.367	-0.029	---	0.430	0.453	0.023	---	0.842	0.840	-0.002	---
LA CIENEGA BLVD at MANCHESTER AV	72	3691	4239	5202	Yes	0.647	0.688	0.041	---	0.759	0.819	0.060	X	1.018	1.090	0.072	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4429	4794	2397	---	0.878	0.885	0.007	---	0.941	0.926	-0.015	---	0.597	0.650	0.053	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4411	4791	3162	Yes	0.760	0.775	0.015	---	0.837	0.859	0.022	X	0.401	0.412	0.011	---
LINCOLN BLVD at LA TIJERA BLVD	81	3536	4041	2784	---	0.462	0.425	-0.037	---	0.522	0.486	-0.037	---	0.303	0.342	0.039	---
LA TIJERA BLVD at MANCHESTER AV	82	3509	4023	3497	---	0.578	0.646	0.068	---	0.588	0.698	0.110	---	0.625	0.626	0.001	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	4747	5232	2193	Yes	0.781	0.807	0.027	X	0.682	0.859	0.177	X	0.411	0.468	0.058	---
LINCOLN BLVD at 83RD ST	87	5326	7774	6474	Yes	0.950	0.989	0.039	X	1.082	1.345	0.263	X	1.281	1.347	0.066	---
LINCOLN BLVD at MANCHESTER AV	88	6031	8012	5934	Yes	0.697	0.976	0.279	X	1.004	1.440	0.437	X	0.832	0.950	0.118	---
SEPULVEDA BLVD at LINCOLN BLVD	93	6725	6782	5674	---	0.580	0.593	0.013	---	0.577	0.611	0.034	---	0.485	0.510	0.025	---
LINCOLN BLVD at TEALE ST	94	4439	6266	4989	---	0.544	0.463	-0.081	---	0.611	0.580	-0.031	---	0.373	0.383	0.011	---
PERSHING DR at MANCHESTER AV	98	1557	2290	1051	---	0.432	0.414	-0.017	---	0.560	0.671	0.111	---	0.265	0.249	-0.016	---
SEPULVEDA BLVD at MANCHESTER AV	99	5987	6443	4650	Yes	0.936	0.993	0.057	X	0.953	0.992	0.039	X	0.810	0.892	0.081	---
SEPULVEDA BLVD at MARIPOSA AV	100	5790	6989	5704	Yes	0.719	0.764	0.044	X	0.955	0.985	0.030	X	1.096	1.060	-0.036	---
PERSHING DR at WESTCHESTER PKWY	101	2011	1851	1108	---	0.281	0.375	0.094	---	0.197	0.278	0.081	---	0.114	0.133	0.019	---
SEPULVEDA BLVD at ROSECRANS AV	103	8459	9694	8154	Yes	1.540	1.615	0.075	X	1.700	1.738	0.038	X	1.803	1.843	0.040	---
SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	5511	4544	4819	Yes	1.191	1.261	0.069	X	0.947	1.033	0.086	X	0.927	1.100	0.173	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4356	4546	4187	---	0.699	0.722	0.023	---	0.635	0.660	0.025	---	0.668	0.689	0.022	---
SEPULVEDA BLVD at WESTCHESTER PKWY	109	4573	5440	2721	Yes	0.791	0.837	0.045	X	0.882	0.947	0.065	X	0.511	0.569	0.059	---
LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2844	3037	3025	Yes	0.700	0.787	0.087	X	0.589	0.603	0.013	---	0.755	0.823	0.068	---
I-405 NB OFF-RAMP at CENTURY BLVD	307	3788	3989	2403	Yes	0.730	0.788	0.058	X	0.580	0.636	0.056	---	0.309	0.329	0.020	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3212	3531	2941	---	0.588	0.679	0.091	---	0.590	0.653	0.063	---	0.416	0.466	0.050	---
LA CIENEGA BLVD at 120TH ST	313	1248	1102	948	---	0.232	0.378	0.146	---	0.418	0.415	-0.004	---	0.351	0.391	0.040	---



INTERSECTIONS	BA ID	No Action No Project App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	NANP V/C	Adj. Env. NANP	PH-Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. NANP	PH-Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. NANP	PH-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST	3	3419	4219	5195	Yes	0.629	0.817	0.188	X	0.815	1.019	0.204	X	0.929	1.273	0.344	X
AIRPORT BLVD at CENTURY BLVD	4	4468	4912	4302	---	0.442	0.516	0.074	---	0.553	0.574	0.022	---	0.738	0.714	-0.024	---
AIRPORT BLVD at LA TIJERA BLVD	5	2987	3215	3315	---	0.507	0.572	0.066	---	0.538	0.579	0.041	---	0.684	0.686	0.002	---
AIRPORT BLVD at MANCHESTER AV	6	4285	4269	5030	Yes	0.690	0.835	0.145	X	0.712	0.778	0.066	X	0.885	0.877	-0.008	---
*AVIATION BLVD at ARBOR VITAE ST	7	4045	4896	4860	Yes	0.715	0.820	0.105	X	0.770	0.968	0.198	X	0.717	0.889	0.172	---
*LA CIENEGA BLVD at ARBOR VITAE ST	8	3804	4402	4590	Yes	0.732	0.957	0.225	X	0.696	0.779	0.083	X	0.793	0.830	0.037	X
AVIATION BLVD at 111TH ST	10	2630	3323	4741	Yes	0.381	0.466	0.085	---	0.457	0.528	0.071	---	0.806	0.835	0.029	X
*AVIATION BLVD at CENTURY BLVD	11	7017	7986	7649	Yes	0.828	0.937	0.109	X	1.006	1.071	0.065	X	1.804	1.932	0.129	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5261	6487	5361	Yes	0.951	1.056	0.106	X	0.969	1.028	0.069	X	0.903	1.030	0.127	---
*AVIATION BLVD at IMPERIAL HWY	13	5966	7745	8818	---	0.935	0.847	-0.088	---	1.305	1.157	-0.148	---	1.243	1.157	-0.086	---
AVIATION BLVD at MANCHESTER AV	14	3645	4310	5026	Yes	0.980	1.132	0.152	X	0.787	0.855	0.069	X	1.399	1.400	0.001	---
AVIATION BLVD at ROSECRANS AV	15	7098	8549	8662	Yes	1.179	1.258	0.079	X	1.475	1.508	0.033	X	1.336	1.367	0.031	---
CENTINELA AV at JEFFERSON BLVD	18	4820	5561	3851	Yes	1.077	1.115	0.038	X	1.100	1.055	-0.045	---	0.911	0.955	0.044	---
SEPULVEDA BLVD at CENTINELA AV	22	6526	6856	4949	Yes	1.071	1.135	0.065	X	0.989	1.007	0.038	X	0.819	0.843	0.024	---
*LA CIENEGA BLVD at CENTURY BLVD	26	5701	6587	4547	Yes	0.716	0.800	0.084	X	0.721	0.774	0.054	X	0.535	0.572	0.036	---
*SEPULVEDA BLVD at CENTURY BLVD	27	7361	7877	7306	Yes	0.731	0.793	0.062	X	0.885	0.899	0.014	---	0.661	0.751	0.089	---
CULVER BLVD at JEFFERSON BLVD	28	2855	3784	2441	---	0.896	0.849	-0.047	---	1.072	1.023	-0.049	---	0.588	0.603	0.015	---
VISTA DEL MAR at CULVER BLVD	33	1871	1753	1410	---	0.804	0.615	0.011	---	0.347	0.383	0.036	---	0.364	0.366	0.002	---
*DOUGLAS ST at IMPERIAL HWY	34	2172	3586	2930	---	0.433	0.321	-0.111	---	0.610	0.552	-0.058	---	0.516	0.505	-0.011	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6518	7697	7042	Yes	1.007	1.119	0.112	X	1.135	1.196	0.061	X	0.889	0.944	0.055	---
VISTA DEL MAR at GRAND AV	36	2821	2130	1654	Yes	0.813	0.892	0.079	X	0.459	0.477	0.018	---	0.469	0.490	0.021	---
LA CIENEGA BLVD at FLORENCE AV	40	3318	4242	5241	Yes	0.690	0.755	0.065	X	0.925	1.004	0.079	X	1.428	1.454	0.026	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2899	2741	2219	Yes	1.145	1.202	0.057	X	0.887	0.911	0.024	X	0.862	0.879	0.017	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	5716	6105	5091	Yes	0.710	0.722	0.012	---	0.788	0.845	0.057	X	0.649	0.662	0.013	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4646	5104	4782	Yes	0.658	0.842	-0.046	---	0.797	0.900	0.103	X	0.791	0.837	0.046	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	2039	2015	3930	---	0.288	0.322	0.034	---	0.275	0.296	0.021	---	0.649	0.681	0.032	---
*MAIN ST at IMPERIAL HWY	47	3339	4123	2899	---	0.812	0.807	-0.005	---	0.997	0.963	-0.034	---	0.522	0.536	0.014	---
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3957	3744	2811	---	1.253	1.181	-0.102	---	0.908	0.617	0.110	---	0.462	0.430	-0.032	---
PERSHING DR at IMPERIAL HWY	49	3654	3757	2553	Yes	1.080	1.244	0.163	X	0.907	0.925	0.018	X	0.616	0.705	0.089	---
*SEPULVEDA BLVD at IMPERIAL HWY	50	6656	7768	6772	---	0.797	0.800	0.003	---	1.015	1.005	-0.010	---	0.794	0.978	0.184	---
*VISTA DEL MAR at IMPERIAL HWY	51	3014	2780	2236	Yes	0.774	0.808	0.034	X	0.538	0.541	0.004	---	0.576	0.567	-0.008	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	3890	3938	5189	Yes	0.602	0.808	0.206	X	0.476	0.518	0.042	---	0.537	0.574	0.037	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	2958	3744	3006	Yes	0.778	0.783	0.005	---	0.842	0.873	0.031	X	0.649	0.668	0.018	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3236	3632	2951	---	0.539	0.482	-0.057	---	0.704	0.635	-0.069	---	0.409	0.432	0.023	---
LINCOLN BLVD at JEFFERSON BLVD	57	5970	8598	5486	---	0.930	0.855	-0.075	---	1.252	1.227	-0.026	---	0.853	0.852	-0.001	---
LA CIENEGA BLVD at 111TH ST	67	1441	1330	2599	---	0.186	0.275	0.109	---	0.253	0.210	-0.043	---	0.569	0.635	0.066	---
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1965	2624	3500	---	0.339	0.351	0.011	---	0.482	0.519	0.037	---	0.658	0.659	0.001	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1292	1351	2317	---	0.255	0.240	-0.015	---	0.262	0.228	-0.034	---	0.393	0.400	0.008	---
LA CIENEGA BLVD at LENNOX BLVD	71	1742	1616	2921	---	0.396	0.336	-0.060	---	0.430	0.442	0.013	---	0.842	0.835	-0.007	---
LA CIENEGA BLVD at MANCHESTER AV	72	3637	4289	5180	Yes	0.647	0.675	0.028	---	0.759	0.818	0.059	X	1.018	1.075	0.057	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4461	4799	2384	---	0.878	0.889	0.011	---	0.941	0.927	-0.014	---	0.597	0.639	0.041	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4451	4829	3128	Yes	0.760	0.783	0.023	---	0.837	0.870	0.033	X	0.401	0.406	0.005	---
LINCOLN BLVD at LA TIJERA BLVD	81	3438	3976	2789	---	0.462	0.376	-0.086	---	0.522	0.459	-0.064	---	0.303	0.325	0.022	---
LA TIJERA BLVD at MANCHESTER AV	82	3499	4052	3536	Yes	0.578	0.647	0.069	---	0.588	0.710	0.122	X	0.825	0.638	0.012	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	4750	5235	2114	Yes	0.781	0.825	0.044	X	0.682	0.851	0.168	X	0.411	0.461	0.051	---
LINCOLN BLVD at 83RD ST	87	5221	7563	6412	Yes	0.950	0.976	0.026	X	1.082	1.312	0.230	X	1.281	1.340	0.059	---
LINCOLN BLVD at MANCHESTER AV	88	5774	7839	5818	Yes	0.697	0.894	0.197	X	1.004	1.360	0.357	X	0.832	0.893	0.061	---
SEPULVEDA BLVD at LINCOLN BLVD	93	6753	6803	5665	---	0.580	0.576	-0.004	---	0.577	0.597	0.020	---	0.465	0.518	0.033	---
LINCOLN BLVD at TEALE ST	94	4373	6234	4943	---	0.544	0.440	-0.104	---	0.611	0.576	-0.035	---	0.373	0.383	0.011	---
PERSHING DR at MANCHESTER AV	98	1528	2268	1036	---	0.432	0.416	-0.016	---	0.560	0.665	0.105	---	0.265	0.240	-0.025	---
SEPULVEDA BLVD at MANCHESTER AV	99	6116	6496	4612	Yes	0.936	1.017	0.082	X	0.953	1.007	0.054	X	0.810	0.849	0.039	---
SEPULVEDA BLVD at MARIPOSA AV	100	5744	6939	5701	Yes	0.719	0.752	0.033	---	0.855	0.992	0.037	X	1.096	1.057	-0.039	---
PERSHING DR at WESTCHESTER PKWY	101	1925	1843	1083	---	0.281	0.347	0.066	---	0.197	0.275	0.078	---	0.114	0.129	0.015	---
SEPULVEDA BLVD at ROSECRANS AV	103	8464	9724	8151	Yes	1.540	1.612	0.072	X	1.700	1.754	0.055	X	1.803	1.848	0.045	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	5551	4504	4853	Yes	1.191	1.270	0.079	X	0.947	1.024	0.077	X	0.927	1.107	0.180	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4467	4544	4202	---	0.699	0.725	0.026	---	0.635	0.660	0.025	---	0.668	0.694	0.026	---
*SEPULVEDA BLVD at WESTCHESTER PKWY	109	4688	5558	2734	Yes	0.791	0.881	0.090	X	0.882	0.964	0.082	X	0.511	0.561	0.051	---
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2821	3064	3042	Yes	0.700	0.778	0.078	X	0.589	0.603	0.014	---	0.755	0.813	0.058	---
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3686	3863	2367	Yes	0.730	0.783	0.053	X	0.580	0.603	0.023	---	0.309	0.331	0.021	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3139	3540	2898	---	0.588	0.658	0.070	---	0.593	0.658	0.068	---	0.416	0.451	0.034	---
LA CIENEGA BLVD at 120TH ST	313	1084	1129	916	---	0.232	0.320	0.088	---	0.418	0.423	0.005	---	0.351	0.392	0.041	---
# IMPACTS					38												

Notes: (\*) Airport Access Facility, must maintain LOS E or better

Los Angeles International Airport Master Plan																							
2005 PHASE 3F - NO ACTION/NO PROJECT ALTERNATIVE VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS																							
No.	Link Location	Significant Impact	AM PEAK HOUR								PM/PAK HOUR								AP PEAK HOUR				
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				
			Adj. Env. V/C	NANP V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.724	0.714	-0.010	---	0.830	0.842	0.011	---	0.875	0.866	-0.009	---	0.829	0.829	0.000	---	0.686	0.692	0.006	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.885	0.887	0.003	---	0.598	0.605	0.007	---	0.770	0.765	-0.005	---	0.814	0.822	0.008	---	0.650	0.651	0.002	---
3	Sawtelle Highway	s/o Venice Boulevard**	-	0.443	0.454	0.010	---	0.496	0.549	0.053	---	0.421	0.455	0.034	---	0.395	0.622	0.007	---	0.482	0.493	0.012	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	-	0.855	0.848	-0.008	---	0.633	0.657	0.024	---	0.836	0.839	0.003	---	0.822	0.838	0.016	---	0.796	0.798	0.002	---
5	Overland Avenue	s/o Venice Boulevard**	Yes	0.898	0.873	-0.019	---	0.869	0.942	0.042	X	0.825	0.928	0.003	---	1.135	1.121	0.016	---	0.824	0.822	-0.001	---
6	Stocker Street	s/o La Brea Avenue	-	0.428	0.438	0.010	---	0.418	0.446	0.028	---	0.538	0.535	-0.003	---	0.395	0.405	0.010	---	0.476	0.487	0.011	---
7	Siemon Avenue	s/o La Brea Avenue	-	0.388	0.382	-0.006	---	0.571	0.579	0.008	---	0.599	0.609	0.010	---	0.467	0.469	0.002	---	0.351	0.362	0.011	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.362	0.366	0.004	---	0.667	0.676	0.009	---	0.653	0.656	0.004	---	1.155	1.185	0.001	---	0.668	0.658	0.002	---
9	La Cienega Boulevard	s/o Siemon Avenue	-	0.539	0.547	0.008	---	0.510	0.529	0.019	---	0.600	0.618	0.018	---	0.546	0.551	0.006	---	0.374	0.379	0.005	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.473	0.471	-0.002	---	0.484	0.509	0.054	---	0.562	0.577	0.015	---	0.577	0.576	-0.002	---	0.449	0.449	0.001	---
11	Azusa Village Street	w/o La Brea Avenue	-	0.258	0.290	0.032	---	0.238	0.303	0.046	---	0.348	0.401	0.053	---	0.447	0.482	0.035	---	0.468	0.556	0.088	---
12	Century Boulevard	w/o La Brea Avenue	-	0.417	0.420	0.004	---	0.468	0.512	0.045	---	0.502	0.635	0.033	---	0.409	0.442	0.033	---	0.418	0.425	0.009	---
13	Imperial Highway	w/o La Brea Avenue	-	0.282	0.288	0.006	---	0.319	0.378	0.059	---	0.481	0.546	0.055	---	0.276	0.283	0.018	---	0.428	0.459	0.031	---
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.578	0.622	0.045	---	0.247	0.239	-0.008	---	0.371	0.384	0.013	---	0.636	0.661	0.025	---	0.355	0.379	0.018	---
15	Sepulveda Boulevard	n/o Rosecrans Avenue	Yes	0.858	0.918	0.063	X	0.285	0.261	-0.004	---	0.445	0.443	0.004	---	0.783	0.794	0.011	---	0.479	0.502	0.023	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.206	0.203	-0.003	---	0.438	0.457	0.029	---	0.285	0.285	0.002	---	0.388	0.390	0.003	---	0.564	0.372	0.308	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.621	0.633	0.012	---	0.405	0.407	0.002	---	0.567	0.579	0.012	---	0.419	0.421	0.003	---	0.317	0.321	0.003	---
18	Montana Freeway	s/o Lincoln Boulevard**	-	0.250	0.260	0.010	---	0.251	0.268	0.017	---	0.332	0.336	0.005	---	0.271	0.278	0.007	---	0.346	0.347	0.001	---
19	Culver Boulevard	s/o Lincoln Boulevard	-	0.491	0.421	-0.301	---	0.115	0.113	-0.001	---	0.268	0.285	0.015	---	0.388	0.366	-0.002	---	0.379	0.377	-0.002	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	Yes	0.466	0.492	0.026	---	0.310	0.329	0.019	---	0.387	0.453	0.056	---	0.733	0.845	0.052	X	0.134	0.155	0.021	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.655	0.636	-0.029	---	0.381	0.390	0.009	---	0.812	0.860	0.048	X	0.610	0.613	0.003	---	0.552	0.585	0.013	---
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.675	0.665	-0.009	---	0.249	0.279	0.031	---	0.430	0.476	0.046	---	0.734	0.745	0.012	---	0.381	0.389	0.008	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.391	0.379	-0.013	---	0.158	0.185	0.007	---	0.194	0.208	0.014	---	0.373	0.393	0.019	---	0.276	0.274	-0.003	---
24	La Brea Avenue	s/o Siemon Avenue	-	0.605	0.607	0.002	---	0.373	0.415	0.042	---	0.570	0.592	0.020	---	0.569	0.586	-0.002	---	0.474	0.484	0.011	---
25	Jefferson Boulevard	n/o Siemon Road	-	0.368	0.371	0.003	---	0.653	0.681	0.028	---	0.477	0.491	0.014	---	0.439	0.456	0.017	---	0.131	0.131	0.000	---
26	Sepulveda Boulevard	s/o Siemon Avenue	-	0.833	0.858	0.026	---	0.371	0.369	-0.002	---	0.804	0.631	0.327	---	0.757	0.740	-0.017	---	0.432	0.444	0.012	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.289	0.311	0.022	---	0.618	0.569	0.051	---	0.589	0.613	0.324	---	0.489	0.522	0.033	---	0.400	0.404	0.004	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.197	0.193	-0.004	---	0.488	0.529	0.042	---	0.716	0.783	0.046	---	0.378	0.377	-0.001	---	0.662	0.672	0.009	---
29	Ingwood Avenue	n/o Rosecrans Avenue	-	0.424	0.479	0.055	---	0.334	0.355	0.021	---	0.463	0.499	0.036	---	0.795	0.815	0.021	---	0.445	0.471	0.025	---
30	Vista Del Mar	s/o Grand Avenue	Yes	0.735	0.843	0.049	X	0.150	0.146	-0.003	---	0.183	0.181	-0.003	---	0.518	0.537	0.019	---	0.298	0.324	0.026	---
# IMPACTS			5																				

Los Angeles International Airport Master Plan  
2005 PHASE 3F - NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			Adj. Env. V/C	NANP V/C	NANP Adj. Env.	PLHr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	PLHr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	PLHr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	PLHr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	PLHr Impact	Adj. Env. V/C	NANP V/C	NANP Adj. Env.	PLHr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.724	0.723	-0.001	---	0.830	0.853	0.022	---	0.875	0.859	-0.015	---	0.829	0.827	-0.002	---	0.686	0.691	0.005	---	0.737	0.743	0.007	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.685	0.697	0.012	---	0.598	0.612	0.014	---	0.770	0.759	-0.011	---	0.814	0.824	0.010	---	0.650	0.652	0.002	---	0.793	0.782	-0.010	---
3	Santa Monica Boulevard	s/o Venice Boulevard**	-	0.443	0.468	0.025	---	0.496	0.505	0.008	---	0.421	0.423	0.002	---	0.595	0.618	0.023	---	0.492	0.487	-0.005	---	0.578	0.588	0.010	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	-	0.855	0.848	-0.008	---	0.633	0.653	0.020	---	0.836	0.860	0.025	---	0.823	0.833	0.010	---	0.796	0.797	0.001	---	0.698	0.916	0.019	---
5	Oversand Avenue	s/o Venice Boulevard**	Yes	0.888	0.892	0.003	---	0.858	0.926	0.066	X	0.925	0.831	0.097	---	1.105	1.125	0.021	X	0.824	0.825	0.001	---	0.968	0.984	0.015	---
6	Stocker Street	s/o La Brea Avenue	-	0.428	0.439	0.012	---	0.418	0.440	0.022	---	0.538	0.545	0.006	---	0.395	0.405	0.010	---	0.476	0.494	0.018	---	0.499	0.517	0.018	---
7	Stanton Avenue	s/o La Brea Avenue	-	0.388	0.387	-0.001	---	0.671	0.675	0.004	---	0.599	0.598	-0.001	---	0.467	0.467	0.000	---	0.351	0.369	0.017	---	0.331	0.335	0.004	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.352	0.372	0.010	---	0.667	0.881	0.014	---	0.653	0.657	0.004	---	1.155	1.152	-0.002	---	0.866	0.878	0.012	---	0.522	0.529	0.008	---
9	La Cienega Boulevard	s/o Stanton Avenue	-	0.539	0.548	0.009	---	0.510	0.528	0.018	---	0.600	0.593	0.007	---	0.546	0.533	0.007	---	0.374	0.381	0.006	---	0.394	0.422	0.009	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.473	0.474	0.001	---	0.484	0.526	0.042	---	0.552	0.580	0.018	---	0.577	0.576	0.001	---	0.449	0.451	0.001	---	0.510	0.514	0.004	---
11	Arbor Vitae Street	w/o La Brea Avenue	-	0.256	0.306	0.048	---	0.256	0.304	0.048	---	0.348	0.398	0.040	---	0.447	0.482	0.035	---	0.458	0.564	0.096	---	0.336	0.378	0.042	---
12	Century Boulevard	w/o La Brea Avenue	-	0.417	0.420	0.003	---	0.466	0.439	0.033	---	0.602	0.638	0.036	---	0.439	0.433	0.006	---	0.416	0.423	0.007	---	0.371	0.393	0.022	---
13	Imperial Highway	w/o La Brea Avenue	-	0.282	0.292	0.009	---	0.319	0.372	0.053	---	0.491	0.545	0.055	---	0.276	0.298	0.019	---	0.428	0.452	0.024	---	0.495	0.553	0.055	---
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.578	0.608	0.031	---	0.247	0.247	0.000	---	0.371	0.386	0.015	---	0.636	0.584	0.018	---	0.353	0.372	0.017	---	0.291	0.290	-0.001	---
15	Sepulveda Boulevard	n/o Rosecrans Avenue	Yes	0.859	0.918	0.059	X	0.265	0.260	-0.005	---	0.445	0.478	-0.003	---	0.783	0.802	0.019	---	0.479	0.502	0.023	---	0.516	0.512	-0.004	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.205	0.208	0.002	---	0.438	0.467	0.029	---	0.285	0.285	0.000	---	0.368	0.394	0.006	---	0.364	0.372	0.008	---	0.466	0.484	0.016	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.821	0.841	0.020	---	0.405	0.411	0.007	---	0.567	0.573	0.006	---	0.418	0.420	0.002	---	0.317	0.318	0.001	---	0.492	0.491	-0.001	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.253	0.255	0.005	---	0.251	0.267	0.016	---	0.332	0.338	0.007	---	0.271	0.275	0.004	---	0.345	0.348	0.002	---	0.320	0.298	-0.003	---
19	Culver Boulevard	s/o Lincoln Boulevard	-	0.421	0.420	-0.002	---	0.115	0.108	0.006	---	0.268	0.284	0.015	---	0.388	0.384	-0.004	---	0.378	0.380	0.001	---	0.364	0.373	0.009	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	Yes	0.466	0.480	0.013	---	0.310	0.338	0.028	---	0.387	0.447	0.060	---	0.793	0.837	0.044	X	0.134	0.134	0.000	---	0.383	0.350	-0.032	---
21	Nicolai Boulevard	s/o Jefferson Avenue**	Yes	0.685	0.621	-0.045	---	0.381	0.391	0.010	---	0.812	0.858	0.046	X	0.610	0.610	0.000	---	0.552	0.565	0.014	---	0.587	0.589	-0.002	---
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.675	0.659	-0.006	---	0.248	0.273	0.025	---	0.430	0.472	0.042	---	0.734	0.747	0.013	---	0.391	0.388	0.007	---	0.410	0.426	0.016	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.391	0.385	-0.006	---	0.158	0.165	0.008	---	0.194	0.212	0.018	---	0.373	0.396	0.023	---	0.278	0.271	-0.005	---	0.224	0.233	0.009	---
24	La Brea Avenue	n/o Stanton Avenue	-	0.605	0.600	-0.005	---	0.373	0.404	0.032	---	0.570	0.585	0.015	---	0.586	0.586	0.000	---	0.474	0.479	0.006	---	0.527	0.537	0.009	---
25	Jefferson Boulevard	n/o Rodeo Road	-	0.366	0.372	0.005	---	0.653	0.674	0.021	---	0.477	0.487	0.010	---	0.439	0.454	0.015	---	0.131	0.132	0.001	---	0.619	0.622	0.003	---
26	Sepulveda Boulevard	s/o Stanton Avenue	-	0.833	0.848	0.015	---	0.371	0.359	-0.002	---	0.604	0.646	0.042	---	0.757	0.751	-0.006	---	0.432	0.438	0.006	---	0.453	0.459	0.016	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.289	0.302	0.013	---	0.618	0.673	0.055	---	0.589	0.617	0.027	---	0.489	0.518	0.030	---	0.400	0.404	0.004	---	0.602	0.623	0.022	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.197	0.195	-0.002	---	0.488	0.527	0.040	---	0.716	0.752	0.035	---	0.378	0.378	0.000	---	0.652	0.672	0.020	---	0.809	0.836	0.026	---
29	Inglewood Avenue	n/o Rosecrans Avenue	-	0.424	0.473	0.049	---	0.354	0.355	0.001	---	0.463	0.489	0.026	---	0.795	0.810	0.015	---	0.446	0.465	0.019	---	0.279	0.288	0.009	---
30	Vista Del Mar	s/o Grand Avenue	Yes	0.765	0.837	0.042	X	0.150	0.146	-0.003	---	0.183	0.183	0.000	---	0.518	0.535	0.018	---	0.288	0.303	0.005	---	0.159	0.251	0.002	---
# IMPACTS			S																								

\*\* Intersections at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

Los Angeles International Airport Master Plan 2005 PHASE 3F - NO ACTION/NO PROJECT ALTERNATIVE VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																											
No.		Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
				Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact
1	Interstate 405 s/o Vanice Blvd. HOV	- Yes	0.759 0.742	0.779 0.875	0.020 -0.067	--- ---	0.782 0.869	0.005 0.000	--- ---	0.865 0.919	0.870 0.953	0.005 0.034	--- ---	0.716 0.792	0.717 0.789	0.001 -0.004	--- ---	0.947 0.995	0.954 1.004	0.007 0.002	---	0.902 1.241	0.913 1.216	0.011 -0.026	---		
2	Interstate 405 n/o La Tijera Blvd. HOV	Yes -	0.910 0.943	0.925 0.923	0.015 -0.014	--- ---	1.038 0.879	1.062 0.881	0.024 -0.018	X ---	1.052 1.156	1.074 1.147	0.022 -0.009	X ---	0.991 0.839	0.985 0.941	0.004 0.002	---	1.120 1.132	1.118 1.126	-0.002 -0.006	---	0.873 1.150	0.979 1.099	0.006 -0.051	---	
3	Interstate 405 s/o Rosecrans Ave. HOV	Yes Yes	1.049 1.055	1.091 1.018	0.041 -0.047	X ---	0.849 0.568	0.864 0.540	0.015 -0.029	---	0.935 0.884	0.949 0.891	0.014 0.006	---	1.132 0.900	1.171 0.910	0.039 0.010	X ---	1.119 1.035	1.124 1.091	0.005 0.056	X	0.849 0.882	0.862 0.913	0.013 ---	---	
4	Interstate 105 s/o Crossshore Blvd. HOV	- -	0.725 0.568	0.748 0.576	0.023 -0.080	--- ---	0.934 1.014	0.988 0.954	0.054 -0.061	---	0.882 1.131	0.884 1.085	0.023 -0.045	---	0.868 0.715	0.891 0.715	0.023 0.000	---	0.522 1.035	0.535 0.857	0.014 -0.078	---	0.673 1.125	0.592 1.110	0.030 -0.015	---	
* IMPACTS			4																								

Los Angeles International Airport Master Plan 2005 PHASE 3E - NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj. Env. V/C	NA/NP Alt. V/C	NA/NP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NA/NP Alt. V/C	NA/NP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NA/NP Alt. V/C	NA/NP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NA/NP Alt. V/C	NA/NP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NA/NP Alt. V/C	NA/NP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NA/NP Alt. V/C	NA/NP Adj. Env.	Pk Hr Impact
1	Interstate 40 n/o Van Ness Blvd. HOV	- Yes	0.733 0.742	0.781 0.879	0.022 -0.063	— —	0.782 0.869	0.791 0.872	0.009 0.003	— —	0.863 0.519	0.874 0.955	0.009 0.037	— —	0.716 0.792	0.718 0.792	0.002 0.000	— —	0.947 0.935	0.953 1.013	0.006 0.018	— X	0.902 1.241	0.906 1.250	0.004 0.010	— —
2	Interstate 40 n/o La Tijera Blvd. HOV	- Yes	0.310 0.943	0.924 0.927	0.014 -0.015	— —	1.038 0.879	1.059 0.867	0.021 -0.012	X —	1.052 1.156	1.069 1.169	0.017 0.013	X —	0.991 0.999	0.998 0.945	0.008 0.008	— —	1.120 1.132	1.122 1.093	0.002 -0.039	— —	0.979 1.153	0.984 1.144	-0.010 -0.006	— —
3	Interstate 40 s/o Rossmore Ave. HOV	- Yes	0.943 1.049	0.927 1.985	-0.015 0.036	— X	0.879 0.849	0.867 0.873	-0.012 0.025	— —	1.156 0.935	1.169 0.953	0.013 0.018	— —	0.999 1.132	0.945 1.173	0.008 0.042	— X	1.120 1.119	1.122 1.119	0.002 0.000	— —	0.979 1.024	0.984 1.044	-0.010 0.020	— —
4	Interstate 10 e/o Chesapeake Blvd HOV	- Yes	0.725 1.065	0.752 1.018	0.027 -0.047	— —	0.934 0.569	0.984 0.848	0.050 -0.020	— —	0.892 0.844	0.887 0.890	0.025 0.006	— —	0.868 0.900	0.886 0.914	0.018 0.014	— —	0.522 1.335	0.536 1.091	0.014 0.056	— X	0.573 0.849	0.562 0.866	0.010 0.017	— —
# IMPACTS		4	0.655	0.589	-0.076	—	1.014	0.960	-0.055	—	1.131	1.036	-0.095	—	0.716	0.748	0.033	—	1.035	0.956	-0.079	—	1.125	1.111	-0.014	—

Los Angeles International Airport Master Plan  
2005 PHASE 3F - NA/NP ALTERNATIVE VS. ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

No.	Freeway Ramps		Significant Impacts	AM Peak Hour				PM Peak Hour				Airport Peak Hour			
				Adj.Env. V/C	NA/NP V/C	NA/NP - Adj.Env.	Pk Hr Impact	Adj.Env. V/C	NA/NP V/C	NA/NP - Adj.Env.	Pk Hr Impact	Adj.Env. V/C	NA/NP V/C	NA/NP - Adj.Env.	Pk Hr Impact
1	405 NB off-ramp	at Sepulveda Blvd.	-	0.457	0.471	0.015	---	0.468	0.473	0.005	---	0.761	0.765	0.004	---
2	405 SB off-ramp	at Howard Hughes Pkwy.	-	0.178	0.200	0.022	---	0.231	0.248	0.017	---	0.237	0.257	0.021	---
3	405 SB on-ramp	at Howard Hughes Pkwy.	-	0.189	0.183	-0.007	---	0.543	0.547	0.003	---	0.397	0.422	0.025	---
4	405 NB off-ramp	at Howard Hughes Pkwy.	-	0.185	0.185	0.001	---	0.183	0.184	0.001	---	0.205	0.206	0.001	---
5	405 NB on-ramp	at Howard Hughes Pkwy.	-	0.557	0.571	0.014	---	0.427	0.497	0.069	---	0.361	0.373	0.013	---
6	405 SB off-ramp	at La Tijera Blvd.	-	0.335	0.344	0.009	---	0.468	0.469	0.001	---	0.402	0.405	0.003	---
7	405 SB on-ramp	at La Tijera Blvd.	-	0.511	0.502	-0.009	---	0.510	0.497	-0.013	---	0.215	0.227	0.012	---
8	405 NB off-ramp	at La Tijera Blvd.	-	0.527	0.530	0.003	---	0.586	0.568	-0.017	---	0.290	0.301	0.011	---
9	405 NB on-ramp	at La Tijera Blvd.	-	0.443	0.449	0.005	---	0.416	0.411	-0.005	---	0.310	0.320	0.010	---
10	405 NB on-ramp	at Manchester Blvd. East	-	0.342	0.310	-0.032	---	0.463	0.467	0.003	---	0.295	0.299	0.004	---
11	405 NB on-ramp	at Manchester Blvd. West	-	0.306	0.305	-0.001	---	0.347	0.348	0.001	---	0.390	0.394	0.004	---
12	405 NB off-ramp	at Manchester Blvd.	-	0.920	0.927	0.007	---	0.612	0.633	0.021	---	0.777	0.786	0.009	---
13	405 SB on-ramp	at Manchester Blvd.	-	0.627	0.625	-0.002	---	0.833	0.861	0.028	---	0.609	0.601	-0.007	---
14	405 SB off-ramp	at La Cienega Blvd. (n/o Century Blvd.)	-	0.673	0.741	0.069	---	0.630	0.639	0.009	---	0.751	0.832	0.081	---
15	405 SB on-ramp	at La Cienega Blvd. (n/o Century Blvd.)	-	0.159	0.232	0.073	---	0.311	0.328	0.017	---	0.269	0.323	0.055	---
16	405 SB off-ramp	at La Cienega Blvd. (s/o Century Blvd.)	-	0.218	0.299	0.081	---	0.283	0.342	0.059	---	0.161	0.269	0.108	---
17	405 SB on-ramp	at La Cienega Blvd. (s/o Century Blvd.)	-	0.407	0.423	0.016	---	0.653	0.667	0.015	---	0.392	0.545	0.153	---
18	405 NB off-ramp	at Century Blvd.	-	0.904	0.956	0.052	---	0.529	0.555	0.026	---	0.417	0.447	0.030	---
19	405 NB on-ramp	at Century Blvd. EB	-	0.246	0.305	0.059	---	0.511	0.549	0.039	---	0.162	0.193	0.031	---
20	405 NB on-ramp	at Century Blvd. WB	-	0.389	0.408	0.019	---	0.289	0.284	-0.005	---	0.321	0.314	-0.007	---
21	405 SB off-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.235	0.233	-0.003	---	0.104	0.097	-0.007	---	0.181	0.222	0.041	---
22	405 SB on-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.073	0.129	0.055	---	0.105	0.133	0.029	---	0.176	0.175	-0.001	---
23	405 SB off-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.121	0.133	0.013	---	0.173	0.183	0.010	---	0.251	0.251	0.001	---
24	405 SB on-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.053	0.053	0.000	---	0.199	0.199	0.000	---	0.000	0.003	0.003	---
25	405 SB off-ramp	El Segundo Blvd.	-	0.371	0.439	0.068	---	0.139	0.153	0.015	---	0.207	0.195	-0.012	---
26	405 SB on-ramp	El Segundo Blvd.	Yes	0.215	0.225	0.010	---	0.907	1.046	0.141	X	0.261	0.295	0.034	---
27	405 NB off-ramp	El Segundo Blvd.	-	0.582	0.699	0.117	---	0.407	0.493	0.086	---	0.338	0.387	0.049	---
28	405 NB on-ramp	El Segundo Blvd. EB	-	0.145	0.155	0.009	---	0.431	0.430	-0.001	---	0.215	0.211	-0.004	---
29	405 NB on-ramp	El Segundo Blvd. WB	-	0.242	0.245	0.003	---	0.204	0.201	-0.003	---	0.287	0.298	0.011	---
30	105 EB on-ramp	Sepulveda Blvd. SB	-	0.414	0.465	0.051	---	0.762	0.829	0.067	---	0.513	0.545	0.032	---
31	105 EB on-ramp	Imperial Highway (w/o Sepulveda Blvd.)	-	0.227	0.244	0.016	---	0.385	0.405	0.020	---	0.290	0.302	0.012	---
32	105 WB off-ramp	Sepulveda Blvd. NB	-	0.919	0.997	0.077	---	0.692	0.792	0.099	---	0.779	0.867	0.088	---
33	105 WB off-ramp	Sepulveda Blvd. SB	-	0.515	0.543	0.029	---	0.339	0.338	-0.001	---	0.589	0.573	-0.015	---
34	105 EB on-ramp	Imperial Highway (o/o Sepulveda Blvd.)	-	0.521	0.605	0.084	---	0.607	0.623	0.017	---	0.587	0.661	0.073	---
35	105 WB off-ramp	Nash St.	Yes	1.132	1.180	0.048	X	0.200	0.215	0.015	---	0.505	0.589	0.083	---
36	105 EB on-ramp	Imperial Highway (e/o Hawthorne Blvd.)	-	0.562	0.565	0.003	---	0.629	0.623	-0.006	---	0.569	0.583	0.013	---
37	105 EB on-ramp	Hawthorne Blvd. SB	-	0.234	0.233	-0.001	---	0.218	0.233	0.015	---	0.215	0.199	-0.016	---
38	105 WB off-ramp	Hawthorne Blvd.	-	0.649	0.652	0.003	---	0.784	0.785	0.001	---	0.433	0.421	-0.011	---
39	105 EB On-ramp	Atwood Wy (Bet Nash/Douglas)	-	0.091	0.123	0.032	---	0.471	0.508	0.037	---	0.361	0.379	0.018	---
# IMPACTS			2												

Los Angeles International Airport Master Plan  
2005 PHASE 3F - NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE  
WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

No.	Freeway Ramps	Significant Impacts	AM Peak Hour				PM Peak Hour				Airport Peak Hour			
			Adj.Env. V/C	NA/NP V/C	NA/NP - Adj.Env.	Pk Hr Impact	Adj.Env. V/C	NA/NP V/C	NA/NP - Adj.Env.	Pk Hr Impact	Adj.Env. V/C	NA/NP V/C	NA/NP - Adj.Env.	Pk Hr Impact
1	405 NB off-ramp at Sepulveda Blvd.	-	0.438	0.476	0.038	---	0.456	0.482	0.026	---	0.760	0.770	0.010	---
2	405 SB off-ramp at Howard Hughes Pkwy.	-	0.182	0.200	0.018	---	0.230	0.256	0.025	---	0.258	0.264	0.006	---
3	405 SB on-ramp at Howard Hughes Pkwy.	-	0.189	0.197	0.009	---	0.543	0.569	0.025	---	0.440	0.419	-0.021	---
4	405 NB off-ramp at Howard Hughes Pkwy.	-	0.184	0.187	0.003	---	0.181	0.181	0.000	---	0.208	0.203	-0.005	---
5	405 NB on-ramp at Howard Hughes Pkwy.	-	0.560	0.625	0.065	---	0.456	0.481	0.025	---	0.341	0.353	0.011	---
6	405 SB off-ramp at La Tijera Blvd.	-	0.327	0.345	0.019	---	0.461	0.476	0.015	---	0.399	0.397	-0.002	---
7	405 SB on-ramp at La Tijera Blvd.	-	0.491	0.504	0.013	---	0.489	0.508	0.019	---	0.223	0.218	-0.005	---
8	405 NB off-ramp at La Tijera Blvd.	-	0.521	0.523	0.002	---	0.588	0.566	-0.022	---	0.285	0.297	0.011	---
9	405 NB on-ramp at La Tijera Blvd.	-	0.447	0.457	0.009	---	0.411	0.415	0.003	---	0.311	0.319	0.008	---
10	405 NB on-ramp at Manchester Blvd. East	-	0.335	0.318	-0.017	---	0.495	0.489	-0.006	---	0.313	0.254	-0.059	---
11	405 NB on-ramp at Manchester Blvd. West	-	0.317	0.299	-0.017	---	0.315	0.318	0.003	---	0.378	0.436	0.058	---
12	405 NB off-ramp at Manchester Blvd.	-	0.922	0.942	0.020	---	0.612	0.629	0.017	---	0.773	0.786	0.013	---
13	405 SB on-ramp at Manchester Blvd.	-	0.631	0.627	-0.004	---	0.841	0.859	0.018	---	0.589	0.589	0.000	---
14	405 SB off-ramp at La Cienega Blvd.	-	0.664	0.737	0.073	---	0.636	0.649	0.013	---	0.755	0.825	0.070	---
15	405 SB on-ramp at La Cienega Blvd.	-	0.158	0.230	0.072	---	0.310	0.349	0.039	---	0.271	0.316	0.045	---
16	405 SB off-ramp at La Cienega Blvd.	-	0.221	0.236	0.015	---	0.296	0.294	-0.002	---	0.149	0.195	0.046	---
17	405 SB on-ramp at La Cienega Blvd.	-	0.404	0.404	0.000	---	0.618	0.615	-0.003	---	0.455	0.501	0.046	---
18	405 NB off-ramp at Century Blvd.	-	0.891	0.953	0.061	---	0.531	0.531	0.000	---	0.415	0.449	0.033	---
19	405 NB on-ramp at Century Blvd. EB	-	0.247	0.243	-0.003	---	0.508	0.465	-0.043	---	0.150	0.177	0.027	---
20	405 NB on-ramp at Century Blvd. WB	-	0.402	0.405	0.003	---	0.288	0.292	0.004	---	0.319	0.311	-0.009	---
21	405 SB off-ramp at La Cienega Blvd.	-	0.238	0.237	-0.001	---	0.099	0.102	0.003	---	0.190	0.203	0.013	---
22	405 SB on-ramp at La Cienega Blvd.	-	0.073	0.095	0.022	---	0.127	0.127	-0.001	---	0.139	0.183	0.043	---
23	405 SB off-ramp at La Cienega Blvd.	-	0.123	0.135	0.011	---	0.169	0.185	0.015	---	0.247	0.252	0.005	---
24	405 SB on-ramp at La Cienega Blvd.	-	0.053	0.053	0.000	---	0.199	0.199	0.000	---	0.000	0.008	0.008	---
25	405 SB off-ramp at El Segundo Blvd.	-	0.363	0.431	0.069	---	0.141	0.149	0.007	---	0.201	0.196	-0.005	---
26	405 SB on-ramp at El Segundo Blvd.	Yes	0.225	0.243	0.018	---	0.913	1.051	0.138	X	0.261	0.303	0.043	---
27	405 NB off-ramp at El Segundo Blvd.	-	0.557	0.650	0.093	---	0.405	0.503	0.097	---	0.331	0.371	0.041	---
28	405 NB on-ramp at El Segundo Blvd. EB	-	0.161	0.154	-0.007	---	0.431	0.430	-0.001	---	0.215	0.211	-0.004	---
29	405 NB on-ramp at El Segundo Blvd. WB	-	0.241	0.245	0.005	---	0.201	0.201	0.000	---	0.292	0.297	0.005	---
30	105 EB on-ramp Sepulveda Blvd. SB	-	0.416	0.492	0.076	---	0.766	0.844	0.078	---	0.526	0.571	0.045	---
31	105 EB on-ramp Imperial Highway	-	0.228	0.247	0.019	---	0.385	0.408	0.023	---	0.290	0.304	0.014	---
32	105 WB off-ramp Sepulveda Blvd. NB	Yes	0.929	1.004	0.074	X	0.693	0.788	0.095	---	0.782	0.869	0.087	---
33	105 WB off-ramp Sepulveda Blvd. SB	-	0.517	0.553	0.035	---	0.342	0.344	0.002	---	0.584	0.625	0.041	---
34	105 EB on-ramp Imperial Highway	-	0.521	0.585	0.064	---	0.608	0.651	0.043	---	0.582	0.620	0.038	---
35	105 WB off-ramp Nash St.	Yes	1.123	1.195	0.073	X	0.203	0.205	0.003	---	0.502	0.562	0.060	---
36	105 EB on-ramp Imperial Highway	-	0.561	0.564	0.003	---	0.633	0.627	-0.005	---	0.561	0.574	0.013	---
37	105 EB on-ramp Hawthorne Blvd. SB	-	0.237	0.225	-0.011	---	0.221	0.230	0.009	---	0.227	0.215	-0.011	---
38	105 WB off-ramp Hawthorne Blvd.	-	0.645	0.650	0.005	---	0.784	0.787	0.003	---	0.433	0.427	-0.005	---
39	105 EB On-ramp Atwood Wy	-	0.094	0.132	0.038	---	0.467	0.513	0.046	---	0.356	0.386	0.030	---
	(Bet Nash/Douglas)	-												
# IMPACTS			3											

INTERSECTIONS	BA ID	Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		NANP V/C	ANA V/C	ANA - NANP	Pk-Hr Impact	NANP V/C	ANA V/C	ANA - NANP	Pk-Hr Impact	NANP V/C	ANA V/C	ANA - NANP	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3					0.783				1.007				1.257			
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	2722	3273	3950		0.608	0.608			0.891	0.891			0.902	0.902		
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	2016	2464	2852		0.647	0.647			0.633	0.633			0.649	0.649		
AIRPORT BLVD at CENTURY BLVD	4	5004	5421	4622	Yes	0.626	0.829	0.303	X	0.568	0.732	0.163	X	0.720	1.042	0.322	---
AIRPORT BLVD at LA TIJERA BLVD	5	2888	3177	3173	---	0.564	0.529	-0.035	---	0.574	0.510	-0.065	---	0.697	0.678	-0.019	---
AIRPORT BLVD at MANCHESTER AV	6	3699	4046	4811	Yes	0.647	0.735	-0.112	---	0.765	0.721	-0.044	---	0.883	0.958	0.075	X
*AVIATION BLVD at ARBOR VITAE ST (1)	7				---	0.921			---	0.976			---	0.886			---
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	2911	3390	3309		0.719	0.719			0.796	0.796			0.725	0.725		
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	2646	2933	3022		0.519	0.519			0.835	0.835			0.647	0.647		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	3447	3991	4945	Yes	0.987	0.833	-0.153	---	0.870	0.870	-0.113	---	0.825	0.869	0.043	X
AVIATION BLVD at 111TH ST	10	2514	3208	4846	Yes	0.503	0.541	0.039	---	0.635	0.493	-0.142	---	0.857	1.023	0.166	X
*AVIATION BLVD at CENTURY BLVD	11	6432	7069	7376	Yes	0.940	1.073	0.134	X	1.028	0.858	-0.170	---	1.853	1.124	-0.729	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5130	6461	5522	Yes	1.036	0.978	-0.058	---	1.012	1.083	0.061	X	1.015	1.044	0.028	---
*AVIATION BLVD at IMPERIAL HWY	13	4270	6238	8315	---	0.950	0.801	-0.348	---	1.185	0.849	-0.337	---	1.254	1.145	-0.108	---
AVIATION BLVD at MANCHESTER AV	14	3781	4493	5235	---	1.086	0.790	-0.297	---	0.853	0.846	-0.006	---	1.397	1.318	-0.081	---
AVIATION BLVD at ROSECRANS AV	15	6828	7824	8766	Yes	1.291	1.418	0.127	X	1.506	1.511	0.005	---	1.370	1.001	0.021	---
CENTINELA AV at JEFFERSON BLVD	18	4595	5923	3860	Yes	1.110	0.929	-0.181	---	1.077	1.133	0.058	X	0.965	1.002	0.037	---
SEPULVEDA BLVD at CENTINELA AV	22	8921	8503	4705	---	1.133	1.082	-0.051	---	1.002	0.988	-0.013	---	0.833	0.789	-0.044	---
*LA CIENEGA BLVD at CENTURY BLVD	26	5141	5761	4882	---	0.806	0.806	0.000	---	0.755	0.674	-0.081	---	0.564	0.594	0.031	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4367	4861	1629	---	0.799	0.473	-0.325	---	0.894	0.595	-0.299	---	0.746	0.152	-0.594	---
CULVER BLVD at JEFFERSON BLVD	28	2339	3805	2284	---	0.843	0.587	-0.255	---	1.025	0.953	-0.071	---	0.609	0.522	-0.087	---
VISTA DEL MAR at CULVER BLVD	33	1075	1898	1156	---	0.612	0.328	-0.285	---	0.378	0.369	-0.009	---	0.369	0.280	-0.089	---
*DOUGLAS ST at IMPERIAL HWY	34	1407	2472	2620	---	0.475	0.231	-0.243	---	0.721	0.291	-0.431	---	0.639	0.431	-0.208	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6269	7525	6859	---	1.108	1.076	-0.031	---	1.179	1.146	-0.033	---	0.943	1.022	0.079	---
VISTA DEL MAR at GRAND AV	36	2213	2215	1752	---	0.911	0.862	-0.049	---	0.478	0.497	0.019	---	0.489	0.553	0.063	---
LA CIENEGA BLVD at FLORENCE AV	40	3497	4333	5310	Yes	0.767	0.820	0.052	X	0.989	1.015	0.026	X	1.455	1.484	0.029	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2420	2479	2158	---	1.203	0.957	-0.246	---	0.914	0.808	-0.106	---	0.880	0.842	-0.038	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6283	6010	4923	Yes	0.727	0.840	0.114	X	0.833	0.775	-0.058	---	0.858	0.836	-0.023	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	3482	3181	4707	---	0.639	0.608	-0.031	---	0.918	0.521	-0.397	---	0.856	0.731	-0.126	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1697	1806	3945	---	0.344	0.267	-0.077	---	0.291	0.280	-0.011	---	0.681	0.672	-0.009	---
*MAIN ST at IMPERIAL HWY (1)	47					0.807				0.951				0.548			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4460	4664	3767		0.874	0.874			0.813	0.813			0.817	0.817		
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3049	3110	2592		0.829	0.829			0.672	0.672			0.658	0.658		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3398	2981	2660	---	1.201	1.103	-0.098	---	0.615	0.532	-0.083	---	0.408	0.443	0.035	---
PERSHING DR at IMPERIAL HWY (3)	49					1.307				0.922				0.721			
*SEPULVEDA BLVD at IMPERIAL HWY	50	6746	7943	5824	Yes	0.815	0.986	0.173	X	1.009	1.482	0.474	X	0.974	0.798	-0.177	---
*VISTA DEL MAR at IMPERIAL HWY	51	2256	2843	1792	---	0.835	0.704	-0.131	---	0.557	0.650	0.093	---	0.571	0.567	-0.004	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	2533	3067	5297	---	0.893	0.326	-0.567	---	0.521	0.320	-0.201	---	0.580	0.582	0.002	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	2918	3624	2888	---	0.789	0.737	-0.053	---	0.889	0.838	-0.051	---	0.658	0.628	-0.030	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3237	3705	2827	---	0.479	0.497	0.018	---	0.647	0.641	-0.006	---	0.423	0.407	-0.016	---
LINCOLN BLVD at JEFFERSON BLVD	57	6493	8572	5871	Yes	0.880	0.958	0.078	X	1.229	1.097	-0.132	---	0.887	0.801	-0.087	---
LINCOLN BLVD at 111TH ST	67	1190	1256	2271	---	0.407	0.238	-0.169	---	0.351	0.287	-0.064	---	0.699	0.709	0.011	---
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1096	1815	2485	---	0.406	0.161	-0.244	---	0.555	0.335	-0.220	---	0.686	0.414	-0.272	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1217	1251	2104	---	0.272	0.237	-0.034	---	0.246	0.204	-0.042	---	0.418	0.310	-0.108	---
LA CIENEGA BLVD at LENNOX BLVD	71	1027	1170	2358	---	0.367	0.221	-0.146	---	0.453	0.188	-0.265	---	0.840	0.624	-0.216	---
LA CIENEGA BLVD at MANCHESTER AV	72	3486	4012	5232	Yes	0.688	0.687	0.009	---	0.819	0.893	-0.126	---	1.090	1.112	0.022	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4152	4724	2282	Yes	0.865	0.811	-0.074	---	0.926	0.947	0.021	X	0.850	0.892	-0.048	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4112	4711	3077	---	0.775	0.658	-0.119	---	0.859	0.820	-0.039	---	0.412	0.407	-0.005	---
LINCOLN BLVD at LA TIJERA BLVD	81	4255	5363	4293	Yes	0.425	0.585	0.161	---	0.486	0.737	0.251	X	0.342	0.745	0.403	---
LA TIJERA BLVD at MANCHESTER AV	82	3001	3855	2992	---	0.646	0.633	-0.012	---	0.898	0.642	-0.056	---	0.626	0.557	-0.069	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6348	7052	3174	Yes	0.807	1.490	0.683	X	0.859	1.505	0.646	X	0.468	0.704	0.236	---
LINCOLN BLVD at 83RD ST	87	5991	7957	6581	Yes	0.989	1.081	0.092	X	1.345	1.174	-0.170	---	1.347	1.349	0.002	---
LINCOLN BLVD at MANCHESTER AV	88	5553	8147	5882	---	0.876	0.741	-0.235	---	1.440	1.258	-0.182	---	0.950	1.002	0.052	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.593				0.611				0.510			
LINCOLN BLVD at TEALE ST	94	5169	6348	5057	---	0.493	0.582	0.119	---	0.580	0.576	-0.004	---	0.383	0.398	0.016	---
PERSHING DR at MANCHESTER AV	98	1319	1874	850	---	0.414	0.534	0.119	---	0.671	0.657	-0.015	---	0.249	0.194	-0.055	---
SEPULVEDA BLVD at MANCHESTER AV	99	6174	6588	4264	Yes	0.983	1.051	0.058	X	0.992	1.088	0.096	X	0.892	0.808	-0.084	---
SEPULVEDA BLVD at MARIPOSA AV	100	6016	7285	5724	Yes	0.764	0.838	0.074	X	0.985	1.303	0.318	X	1.080	1.419	0.359	---
PERSHING DR at WESTCHESTER PKWY (2)	101	629	719	1032	---	0.375	0.177	-0.198	---	0.278	0.173	-0.105	---	0.133	0.374	0.241	---
SEPULVEDA BLVD at ROSECRANS AV	103	8177	9357	8020	Yes	1.615	1.646	0.031	X	1.738	1.595	-0.143	---	1.843	1.831	-0.012	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4846	4034	3896	---	1.281	1.104	-0.157	---	1.033	0.915	-0.118	---	1.100	0.893	-0.207	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4840	4581	4060	Yes	0.722	0.853	0.131	X	0.680	0.882	0.022	---	0.689	0.674	-0.015	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.837				0.947				0.569			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4821	5203	2581		0.825	0.825			0.885	0.885			0.405	0.405		
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5012	5375	2644		0.717	0.717			0.883	0.883			0.415	0.415		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2738	2623	3159	Yes	0.787	0.737	-0.050	---	0.603	0.517	-0.085	---	0.823	0.858	0.036	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3306	3752	2576	---	0.788	0.653	-0.135	---	0.636	0.593	-0.043	---	0.329	0.440	0.111	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2898	3534	2908	---	0.679	0.611	-0.069	---	0.653	0.815	-0.037	---	0.466	0.441	-0.025	---
LA CIENEGA BLVD at 120TH ST	313	1015	1295	903	---	0.378	0.267	-0.121	---	0.415	0.341	-0.073	---	0.391	0.383	-0.009	---

# IMPACTS 22

Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesign for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	SAID	Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		NANP V/C	ARA V/C	ARA - NANP	Pk-Hr Impact	NANP V/C	ARA V/C	ARA - NANP	Pk-Hr Impact	NANP V/C	ARA V/C	ARA - NANP	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3					0.783				1.007				1.257			---
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	2750	2693	3691			0.726				0.667				0.715		---
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	1752	2302	2752			0.577				0.681				0.770		---
AIRPORT BLVD at CENTURY BLVD	4	5313	5299	4647	Yes	0.526	0.742	0.216	X	0.569	0.680	0.091	---	0.720	1.033	0.314	---
AIRPORT BLVD at LA TIJERA BLVD	5	2511	2918	3162	---	0.564	0.403	-0.082	---	0.574	0.529	-0.045	---	0.697	0.673	-0.023	---
AIRPORT BLVD at MANCHESTER AV	6	3481	3774	4658	Yes	0.847	0.889	-0.158	---	0.765	0.640	-0.125	---	0.883	0.929	0.046	X
*AVIATION BLVD at ARBOR VITAE ST (1)	7				---	0.921			---	0.976			---	0.885			---
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	2924	2838	3511			0.486				0.657				0.618		---
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	2338	2543	3081			0.751				0.798				0.676		---
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4130	4611	4965	Yes	0.987	1.145	0.158	X	0.783	0.879	0.097	X	0.825	0.877	0.051	X
AVIATION BLVD at 111TH ST (3)	10					0.503				0.635				0.857			---
*AVIATION BLVD at CENTURY BLVD	11	7026	8000	7476	Yes	0.940	0.881	-0.058	---	1.028	1.143	0.115	X	1.853	1.146	-0.708	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5220	6348	5620	---	1.035	1.018	-0.018	---	1.012	1.009	-0.003	---	1.015	1.073	0.057	---
*AVIATION BLVD at IMPERIAL HWY	13	5435	7381	6820	Yes	0.850	1.124	0.175	X	1.185	1.446	0.261	X	1.254	1.411	0.157	---
AVIATION BLVD at MANCHESTER AV	14	3564	4080	5290	---	1.086	0.933	-0.153	---	0.853	0.780	-0.062	---	1.397	1.376	-0.020	---
AVIATION BLVD at ROSECRANS AV	15	7173	8457	6754	---	1.281	1.265	-0.026	---	1.508	1.491	-0.015	---	1.370	1.380	0.011	---
CENTINELA AV at JEFFERSON BLVD	18	4543	5577	3969	---	1.110	0.913	-0.197	---	1.077	1.042	-0.034	---	0.965	1.030	0.065	---
SEPULVEDA BLVD at CENTINELA AV	22	6242	6273	4783	---	1.133	1.056	-0.068	---	1.002	0.858	-0.043	---	0.833	0.807	-0.025	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6132	7353	4968	Yes	0.806	1.055	0.250	X	0.755	0.924	0.170	X	0.564	0.629	0.065	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4298	4236	1798	---	0.799	0.469	-0.329	---	0.894	0.520	-0.374	---	0.746	0.177	-0.569	---
CULVER BLVD at JEFFERSON BLVD	28	1978	3931	2246	---	0.843	0.475	-0.368	---	1.025	0.772	-0.253	---	0.609	0.506	-0.103	---
VISTA DEL MAR at CULVER BLVD	33	936	1551	1202	---	0.612	0.273	-0.339	---	0.378	0.347	-0.031	---	0.369	0.291	-0.079	---
*DOUGLAS ST at IMPERIAL HWY	34	1822	2833	2349	---	0.475	0.283	-0.192	---	0.721	0.379	-0.343	---	0.639	0.405	-0.234	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6153	7569	6987	---	1.106	1.045	-0.061	---	1.179	1.100	-0.079	---	0.943	1.034	0.092	---
VISTA DEL MAR at GRAND AV	36	2199	2229	1765	---	0.911	0.643	-0.269	---	0.478	0.487	0.009	---	0.469	0.554	0.065	---
LA CIENEGA BLVD at FLORENCE AV	40	3502	4329	5307	Yes	0.787	0.797	0.030	---	0.989	1.030	0.041	X	1.455	1.479	0.024	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2332	2550	2170	---	1.203	0.884	-0.319	---	0.914	0.810	-0.105	---	0.880	0.846	-0.034	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6261	5931	5035	Yes	0.727	0.783	0.057	X	0.833	0.783	-0.049	---	0.659	0.650	-0.008	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5380	4955	5435	Yes	0.639	0.808	0.169	X	0.818	0.714	-0.204	---	0.858	0.789	-0.067	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1976	1842	3793	---	0.344	0.285	-0.049	---	0.291	0.274	-0.017	---	0.681	0.658	-0.023	---
*MAIN ST at IMPERIAL HWY (1)	47					0.807			---	0.951			---	0.546			---
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2710	3117	2446			0.527		---		0.601		---		0.525		---
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1948	2058	1707			0.669		---		0.609		---		0.711		---
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3702	3190	2433	---	1.201	1.173	-0.028	---	0.615	0.572	-0.043	---	0.408	0.416	0.008	---
PERSHING DR at IMPERIAL HWY (3)	49					1.307			---	0.922			---	0.721			---
*SEPULVEDA BLVD at IMPERIAL HWY	50	6507	7503	5659	Yes	0.815	0.870	0.055	X	1.009	1.425	0.416	X	0.974	0.742	-0.233	---
*VISTA DEL MAR at IMPERIAL HWY	51	2331	2953	2090	---	0.835	0.586	-0.249	---	0.557	0.542	-0.016	---	0.571	0.488	-0.083	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	3797	3873	5408	---	0.893	0.691	-0.202	---	0.521	0.551	0.031	---	0.580	0.577	-0.004	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	2913	3717	2914	Yes	0.789	0.759	-0.030	---	0.863	0.897	0.033	X	0.856	0.848	-0.011	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3233	3774	2850	---	0.479	0.492	0.013	---	0.647	0.672	0.025	---	0.423	0.414	-0.009	---
LINCOLN BLVD at JEFFERSON BLVD	57	6314	8497	5563	---	0.880	0.880	0.000	---	1.229	1.080	-0.149	---	0.887	0.789	-0.098	---
LA CIENEGA BLVD at 111TH ST (3)	67					0.407			---	0.351			---	0.699			---
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1843	2246	2516	---	0.405	0.331	-0.074	---	0.555	0.419	-0.136	---	0.686	0.439	-0.247	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1233	1414	1855	---	0.272	0.207	-0.065	---	0.246	0.239	-0.007	---	0.418	0.233	-0.185	---
LA CIENEGA BLVD at LENNOX BLVD	71	1324	1569	2297	---	0.367	0.336	-0.030	---	0.453	0.350	-0.102	---	0.840	0.629	-0.211	---
LA CIENEGA BLVD at MANCHESTER AV	72	3451	4170	5345	Yes	0.688	0.716	0.028	---	0.819	0.771	-0.048	---	1.090	1.151	0.060	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4288	4777	2287	Yes	0.885	0.902	0.017	X	0.928	0.982	0.037	X	0.650	0.587	-0.063	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4079	4700	3050	---	0.775	0.741	-0.034	---	0.859	0.868	0.009	---	0.412	0.390	-0.022	---
LINCOLN BLVD at LA TIJERA BLVD	81	5509	6260	4786	Yes	0.425	0.751	0.327	X	0.486	0.986	0.511	X	0.342	0.928	0.587	---
LA TIJERA BLVD at MANCHESTER AV	82	2851	3513	2929	---	0.646	0.580	-0.065	---	0.698	0.831	-0.067	---	0.626	0.544	-0.082	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6037	8403	2905	Yes	0.807	1.456	0.649	X	0.859	1.323	0.464	X	0.468	0.550	0.081	---
LINCOLN BLVD at 83RD ST	87	5855	7873	6682	---	0.989	0.989	0.000	---	1.345	1.229	-0.116	---	1.347	1.379	0.032	---
LINCOLN BLVD at MANCHESTER AV	88	6212	8304	6092	---	0.976	0.851	-0.125	---	1.440	1.284	-0.157	---	0.950	0.975	0.025	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.583			---	0.611			---	0.510			---
LINCOLN BLVD at TEALE ST	94	4979	6334	5036	---	0.463	0.590	0.127	---	0.580	0.588	0.008	---	0.383	0.403	0.020	---
PERSHING DR at MANCHESTER AV	98	1112	1827	896	Yes	0.414	0.369	-0.046	---	0.671	0.843	0.172	X	0.249	0.238	-0.010	---
SEPULVEDA BLVD at MANCHESTER AV	99	6157	6209	4338	Yes	0.993	1.080	0.087	X	0.982	1.019	0.027	X	0.892	0.817	-0.075	---
SEPULVEDA BLVD at MARIPOSA AV	100	5880	7089	5641	Yes	0.764	0.786	0.023	---	0.985	1.260	0.276	X	1.080	1.404	0.343	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1196	1216	1116	---	0.375	0.387	0.012	---	0.278	0.343	0.065	---	0.133	0.426	0.293	---
SEPULVEDA BLVD at ROSECRANS AV	103	8234	9586	8037	---	1.615	1.584	-0.052	---	1.738	1.713	-0.025	---	1.843	1.829	-0.014	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4853	4050	3838	---	1.261	1.108	-0.153	---	1.033	0.919	-0.115	---	1.100	0.902	-0.198	---
SEPULVEDA BLVD at 78TH/77TH ST	106	4981	4480	4174	Yes	0.722	0.854	0.132	X	0.660	0.658	-0.001	---	0.689	0.688	-0.001	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.837			---	0.947			---	0.569			---
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4400	4594	2128			0.808		---		0.741		---		0.431		---
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5389	5488	2427			0.589		---		0.602		---		0.305		---
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2765	3004	3185	Yes	0.787	0.751	-0.036	---	0.603	0.622	0.019	---	0.823	0.873	0.050	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3749	4189	2546	---	0.788	0.752	-0.036	---	0.636	0.649	0.013	---	0.329	0.403	0.073	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2892	3432	2967	---	0.679	0.594	-0.085	---	0.653	0.622	-0.031	---	0.486	0.455	-0.011	---
LA CIENEGA BLVD at 120TH ST	313	775	996	1080	---	0.378	0.233	-0.145	---	0.415	0.417	0.002	---	0.391	0.468	0.077	---

# IMPACTS 20  
Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better

## 2005 PHASE 3F - ALTERNATIVE A VS. NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

## AIRPORT PEAK HOUR

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR							
			NB/EB				SB/WR				NB/EB				SB/WR				NB/EB				SB/WR			
			NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact
1	Lincoln Boulevard s/o Venice Boulevard**	-	0.714	0.726	0.012	---	0.842	0.813	-0.029	---	0.866	0.855	-0.011	---	0.829	0.823	-0.006	---	0.692	0.687	-0.004	---	0.742	0.727	-0.015	---
2	Centinela Avenue s/o Venice Boulevard**	-	0.897	0.981	-0.086	---	0.605	0.591	-0.014	---	0.765	0.749	-0.016	---	0.922	0.805	-0.116	---	0.651	0.649	-0.002	---	0.788	0.745	-0.043	---
3	Sawtelle Boulevard s/o Venice Boulevard**	-	0.454	0.439	-0.014	---	0.549	0.518	-0.031	---	0.465	0.412	-0.053	---	0.802	0.831	0.029	---	0.463	0.447	-0.016	---	0.589	0.623	0.034	---
4	Sepulveda Boulevard s/o Venice Boulevard**	-	0.848	0.673	-0.175	---	0.657	0.617	-0.040	---	0.833	0.878	0.045	---	0.838	0.814	-0.024	---	0.759	0.868	0.109	---	0.915	0.862	-0.054	---
5	Owens Avenue s/o Venice Boulevard**	-	0.870	0.671	-0.199	---	0.940	0.879	-0.062	---	0.828	0.822	-0.005	---	1.121	1.127	0.005	---	0.822	0.806	-0.014	---	0.969	0.933	-0.035	---
6	Stockton Street s/o La Brea Avenue	-	0.439	0.446	0.009	---	0.445	0.396	-0.049	---	0.535	0.524	-0.011	---	0.405	0.406	0.001	---	0.487	0.499	0.012	---	0.611	0.496	-0.115	---
7	Slousson Avenue s/o La Brea Avenue	-	0.382	0.396	0.015	---	0.679	0.684	0.004	---	0.609	0.603	-0.006	---	0.469	0.468	-0.001	---	0.362	0.373	0.011	---	0.342	0.348	0.006	---
8	Centinela Avenue s/o La Brea Avenue	-	0.366	0.374	0.008	---	0.876	0.871	-0.005	---	0.656	0.653	-0.003	---	1.155	1.165	0.009	---	0.668	0.678	0.010	---	0.532	0.521	-0.011	---
9	La Cienega Boulevard s/o Slousson Avenue	-	0.547	0.544	-0.003	---	0.529	0.508	-0.021	---	0.618	0.506	-0.112	---	0.551	0.555	0.004	---	0.379	0.376	-0.003	---	0.405	0.400	-0.005	---
10	Manchester Boulevard w/o La Brea Avenue	-	0.471	0.475	0.004	---	0.538	0.497	-0.041	---	0.577	0.578	0.001	---	0.576	0.586	0.010	---	0.449	0.465	0.016	---	0.516	0.524	0.008	---
11	Arbor Vitae Street w/o La Brea Avenue	-	0.290	0.344	0.054	---	0.303	0.282	-0.021	---	0.401	0.399	-0.002	---	0.492	0.504	0.012	---	0.556	0.569	0.013	---	0.370	0.365	-0.005	---
12	Century Boulevard w/o La Brea Avenue	-	0.420	0.456	0.036	---	0.512	0.466	-0.046	---	0.635	0.631	-0.004	---	0.442	0.451	0.009	---	0.425	0.425	0.000	---	0.424	0.394	-0.030	---
13	Imperial Highway w/o La Brea Avenue	-	0.268	0.319	0.050	---	0.379	0.310	-0.067	---	0.546	0.499	-0.047	---	0.293	0.275	-0.017	---	0.459	0.449	-0.009	---	0.551	0.574	0.023	---
14	Aviation Boulevard n/o Rossmore Avenue	-	0.522	0.582	-0.060	---	0.239	0.293	0.054	---	0.384	0.384	0.000	---	0.661	0.628	-0.033	---	0.372	0.373	0.000	---	0.284	0.287	0.013	---
15	Sepulveda Boulevard n/o Rossmore Avenue	-	0.918	0.868	-0.050	---	0.261	0.295	0.034	---	0.449	0.458	0.009	---	0.794	0.787	-0.007	---	0.522	0.492	-0.030	---	0.516	0.491	-0.025	---
16	Pacific Avenue s/o Venice Boulevard**	-	0.203	0.212	0.009	---	0.467	0.420	-0.047	---	0.768	0.788	0.020	---	0.390	0.383	-0.007	---	0.372	0.372	-0.000	---	0.478	0.447	-0.030	---
17	Washington Boulevard s/o Lincoln Boulevard**	-	0.633	0.625	-0.008	---	0.457	0.417	-0.040	---	0.579	0.564	-0.015	---	0.421	0.417	-0.004	---	0.321	0.323	0.002	---	0.492	0.468	-0.024	---
18	Marina Freeway s/o Lincoln Boulevard**	-	0.260	0.252	-0.008	---	0.268	0.246	-0.021	---	0.338	0.322	-0.016	---	0.278	0.274	-0.004	---	0.347	0.335	-0.012	---	0.286	0.282	-0.004	---
19	Calver Boulevard s/o Lincoln Boulevard	-	0.421	0.380	-0.041	---	0.113	0.111	-0.002	---	0.235	0.277	-0.042	---	0.396	0.414	0.018	---	0.377	0.369	-0.008	---	0.371	0.364	-0.007	---
20	Jefferson Avenue s/o Lincoln Boulevard**	-	0.492	0.445	-0.047	---	0.329	0.340	0.011	---	0.453	0.437	-0.016	---	0.645	0.615	-0.030	---	0.155	0.143	-0.012	---	0.391	0.362	-0.029	---
21	Lincoln Boulevard s/o Jefferson Avenue**	-	0.636	0.745	0.110	X	0.390	0.375	-0.014	---	0.860	0.842	-0.018	---	0.613	0.640	0.027	---	0.565	0.582	0.017	---	0.600	0.590	-0.010	---
22	Calver Boulevard w/o Jefferson Avenue**	-	0.665	0.442	-0.224	---	0.279	0.264	-0.014	---	0.476	0.450	-0.026	---	0.745	0.729	-0.017	---	0.389	0.338	-0.051	---	0.426	0.418	-0.008	---
23	Vista Del Mar s/o Calver Boulevard**	-	0.379	0.147	-0.232	---	0.165	0.136	-0.029	---	0.208	0.211	0.003	---	0.393	0.353	-0.040	---	0.274	0.210	-0.064	---	0.231	0.205	-0.025	---
24	La Brea Avenue s/o Slousson Avenue	-	0.657	0.618	-0.039	---	0.415	0.378	-0.037	---	0.590	0.568	-0.022	---	0.586	0.583	0.003	---	0.484	0.480	-0.004	---	0.534	0.536	0.001	---
25	Jefferson Boulevard n/o Rodas Road	-	0.371	0.372	0.001	---	0.369	0.329	-0.040	---	0.631	0.579	-0.051	---	0.740	0.739	-0.001	---	0.444	0.420	-0.024	---	0.468	0.400	-0.067	---
26	Sepulveda Boulevard s/o Slousson Avenue	-	0.858	0.835	-0.024	---	0.666	0.631	-0.035	---	0.613	0.543	-0.070	---	0.522	0.474	-0.047	---	0.404	0.409	0.005	---	0.806	0.574	-0.232	---
27	Centinela Avenue w/o Sepulveda Boulevard	-	0.311	0.312	0.001	---	0.529	0.497	-0.032	---	0.763	0.749	-0.014	---	0.377	0.393	0.015	---	0.672	0.681	0.009	---	0.835	0.838	0.003	---
28	El Segundo Boulevard w/o Hawthorne Boulevard	-	0.193	0.204	0.011	---	0.355	0.348	-0.008	---	0.499	0.498	-0.001	---	0.815	0.808	-0.007	---	0.471	0.477	0.006	---	0.287	0.295	0.008	---
29	Inglwood Avenue n/o Rossmore Avenue	-	0.479	0.444	-0.035	---	0.146	0.142	-0.004	---	0.181	0.191	0.010	---	0.537	0.510	-0.027	---	0.304	0.296	-0.008	---	0.202	0.207	0.004	---
30	Vista Del Mar s/o Grand Avenue	-	0.843	0.653	-0.190	---																				
IMPACTS			1																							

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## 2005 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATION) VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter - NANP	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.714	0.719	0.005	---	0.842	0.803	-0.039	---	0.866	0.871	0.005	---	0.828	0.827	-0.003	---	0.692	0.686	-0.003	---	0.742	0.716	-0.025	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.887	0.877	-0.010	---	0.865	0.582	-0.014	---	0.765	0.748	-0.017	---	0.822	0.801	-0.021	---	0.651	0.644	-0.008	---	0.788	0.743	-0.045	---
3	Sawtelle Boulevard	s/o Venice Boulevard**	-	0.454	0.440	-0.014	---	0.548	0.525	-0.045	---	0.485	0.426	-0.039	---	0.602	0.609	0.007	---	0.493	0.451	-0.042	---	0.599	0.637	0.047	---
4	Sopavada Boulevard	s/o Venice Boulevard**	-	0.848	0.861	0.013	---	0.857	0.632	-0.025	---	0.838	0.852	0.023	---	0.838	0.824	-0.014	---	0.798	0.686	0.059	X	0.916	0.864	-0.052	---
5	Overland Avenue	s/o Venice Boulevard**	-	0.870	0.874	0.004	---	0.943	0.883	-0.057	---	0.828	0.849	0.021	---	1.121	1.132	0.011	---	0.822	0.828	-0.014	---	0.969	0.941	-0.027	---
6	Stockton Street	e/o La Brea Avenue	-	0.438	0.449	0.012	---	0.448	0.405	-0.041	---	0.535	0.522	-0.014	---	0.405	0.404	-0.001	---	0.487	0.490	0.003	---	0.511	0.498	-0.014	---
7	Stansan Avenue	e/o La Brea Avenue	-	0.382	0.395	0.013	---	0.679	0.661	0.002	---	0.609	0.600	-0.009	---	0.489	0.471	0.001	---	0.362	0.371	0.009	---	0.342	0.350	0.008	---
8	Centinela Avenue	e/o La Brea Avenue	-	0.366	0.370	0.004	---	0.876	0.873	-0.004	---	0.656	0.652	-0.004	---	1.155	1.155	0.000	---	0.668	0.663	0.015	---	0.532	0.521	0.012	---
9	La Cienega Boulevard	s/o Stansan Avenue	-	0.547	0.552	0.005	---	0.529	0.509	-0.020	---	0.618	0.608	-0.010	---	0.551	0.553	0.002	---	0.379	0.377	-0.002	---	0.405	0.400	-0.005	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.471	0.476	0.005	---	0.538	0.498	-0.039	---	0.577	0.581	0.004	---	0.576	0.589	0.014	---	0.449	0.435	0.008	---	0.515	0.527	0.011	---
11	Arbor Vitae Street	w/o La Brea Avenue	-	0.290	0.347	0.057	---	0.303	0.282	-0.041	---	0.401	0.413	0.012	---	0.482	0.459	0.016	---	0.556	0.561	0.005	---	0.373	0.385	-0.005	---
12	Century Boulevard	w/o La Brea Avenue	-	0.420	0.455	0.034	---	0.512	0.477	-0.035	---	0.635	0.625	-0.010	---	0.442	0.447	0.005	---	0.425	0.418	-0.006	---	0.404	0.389	-0.015	---
13	Imperial Highway	w/o La Brea Avenue	-	0.289	0.285	0.006	---	0.378	0.315	-0.063	---	0.546	0.504	-0.342	---	0.293	0.275	-0.018	---	0.459	0.441	-0.018	---	0.551	0.538	-0.012	---
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.322	0.589	-0.033	---	0.639	0.293	0.054	---	0.384	0.381	-0.003	---	0.681	0.631	-0.030	---	0.373	0.374	0.001	---	0.294	0.293	0.003	---
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	0.518	0.861	-0.058	---	0.251	0.286	0.025	---	0.449	0.459	0.009	---	0.794	0.786	-0.009	---	0.522	0.483	-0.009	---	0.516	0.492	-0.024	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.203	0.212	0.009	---	0.467	0.423	-0.043	---	0.286	0.288	0.002	---	0.390	0.386	-0.004	---	0.372	0.376	0.004	---	0.478	0.458	-0.023	---
17	Washington Boulevard	e/o Lincoln Boulevard**	-	0.633	0.623	-0.010	---	0.407	0.419	0.012	---	0.579	0.567	-0.012	---	0.421	0.415	-0.009	---	0.321	0.319	-0.001	---	0.482	0.489	0.003	---
18	Marina Freeway	e/o Lincoln Boulevard**	-	0.260	0.251	-0.009	---	0.788	0.244	-0.023	---	0.338	0.323	0.015	---	0.278	0.275	-0.003	---	0.347	0.336	-0.011	---	0.288	0.294	-0.004	---
19	Jefferson Avenue	e/o Lincoln Boulevard	-	0.421	0.344	-0.077	---	0.113	0.099	-0.014	---	0.285	0.272	-0.012	---	0.386	0.390	0.004	---	0.377	0.354	-0.024	---	0.371	0.352	-0.021	---
20	Jefferson Avenue	e/o Lincoln Boulevard**	-	0.492	0.453	-0.039	---	0.328	0.385	0.036	---	0.453	0.430	-0.023	---	0.600	0.587	-0.013	---	0.613	0.652	0.039	---	0.565	0.596	0.031	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.636	0.789	0.133	X	0.390	0.382	-0.007	---	0.860	0.844	-0.016	---	0.613	0.652	0.039	---	0.565	0.596	0.031	---	0.503	0.580	-0.020	---
22	Chulver Boulevard	w/o Jefferson Avenue**	-	0.665	0.365	-0.301	---	0.279	0.260	-0.016	---	0.476	0.383	-0.083	---	0.746	0.686	-0.079	---	0.389	0.332	-0.357	---	0.425	0.412	-0.015	---
23	Vista Del Mar	s/o Chulver Boulevard**	-	0.370	0.116	-0.253	---	0.165	0.105	-0.060	---	0.208	0.218	0.010	---	0.383	0.318	-0.075	---	0.274	0.212	-0.262	---	0.231	0.219	-0.012	---
24	La Brea Avenue	s/o Stansan Avenue	-	0.607	0.620	0.014	---	0.415	0.383	-0.032	---	0.590	0.568	0.022	---	0.586	0.592	0.006	---	0.484	0.490	-0.004	---	0.534	0.541	0.007	---
25	Jefferson Boulevard	n/o Rodeo Road	-	0.371	0.371	0.001	---	0.691	0.644	-0.039	---	0.491	0.456	-0.034	---	0.456	0.434	0.022	---	0.131	0.119	-0.012	---	0.622	0.600	-0.022	---
26	Sepulveda Boulevard	s/o Stansan Avenue	-	0.858	0.831	-0.027	---	0.369	0.323	-0.047	---	0.631	0.587	-0.043	---	0.740	0.728	-0.012	---	0.444	0.423	-0.021	---	0.468	0.404	-0.064	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.311	0.312	0.001	---	0.969	0.832	-0.037	---	0.613	0.554	-0.059	---	0.522	0.497	-0.024	---	0.424	0.420	0.016	---	0.606	0.630	-0.036	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.193	0.204	0.012	---	0.528	0.495	-0.034	---	0.763	0.742	-0.021	---	0.377	0.389	0.011	---	0.572	0.663	0.011	---	0.835	0.845	0.009	---
29	Inglewood Avenue	n/o Rosecrans Avenue	-	0.479	0.446	-0.032	---	0.355	0.343	-0.012	---	0.489	0.496	-0.004	---	0.815	0.836	-0.009	---	0.471	0.475	0.004	---	0.287	0.285	0.003	---
30	Vista Del Mar	s/o Grand Avenue	-	0.843	0.653	-0.190	---	0.146	0.150	0.003	---	0.181	0.202	0.022	---	0.537	0.510	-0.027	---	0.304	0.297	-0.007	---	0.502	0.210	0.008	---
# IMPACTS			2																								

\*\* Intersections at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

Los Angeles International Airport Master Plan																											
2005 PHASE 3F - ALTERNATIVE A VS. NO ACTION/NO PROJECT FRIELWAY LEVEL OF SERVICE COMPARISONS																											
No.		Link Location	Total Impacts	AM PEAK HOUR												PM Peak Hour											
				NB/E3				SB/WB				NB/E3				SB/WB				NB/E3				SB/WB			
				NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact				
1	Interstate 405 r/a Venice Blvd. HOV	Yes	0.779	0.902	0.123	---	0.786	0.949	0.163	---	0.870	1.054	0.185	X	0.717	0.901	0.184	---	0.854	1.119	0.266	X	0.813	1.080	0.267	X	
2	Interstate 405 r/a La Tijera Blvd. HOV	Yes	0.825	1.035	0.110	X	0.862	1.220	0.157	X	1.074	1.228	0.155	X	0.895	1.148	0.253	X	1.118	1.263	0.145	X	0.979	1.147	0.168	---	
3	Interstate 405 s/o Rosecrans Ave. HOV	-	0.929	0.887	-0.042	---	0.861	0.855	-0.006	---	1.147	1.360	-0.089	---	0.941	0.842	-0.099	---	1.126	0.989	-0.137	---	1.099	1.075	0.024	---	
4	Interstate 405 s/o Rosecrans Ave. HOV	-	1.091	1.082	-0.009	---	0.864	0.943	0.079	---	0.949	0.978	0.029	---	1.171	1.171	0.000	---	1.124	1.136	0.012	---	1.045	1.076	0.031	---	
5	Interstate 105 r/a Crenshaw Blvd. HOV	-	1.018	1.013	-0.005	---	0.540	0.574	0.034	---	0.891	0.918	0.027	---	0.910	0.933	0.023	---	1.081	1.104	0.024	---	0.862	0.917	0.055	---	
6	Interstate 105 r/a Crenshaw Blvd. HOV	Yes	0.748	0.791	0.043	---	0.899	0.967	-0.021	---	0.884	0.885	0.000	---	0.891	0.965	-0.026	---	0.535	0.552	0.015	---	0.592	0.599	0.007	---	
7	# IMPACTS	3	0.576	0.638	0.062	---	0.954	0.967	0.014	---	1.086	1.113	0.027	---	0.715	0.849	0.135	---	0.957	0.980	0.023	---	1.110	1.139	0.028	---	

No.	Link Location	Total Impacts	AM PEAK HOUR								PM Peak Hour								Airport Peak Hour							
			NB/E				SB/WB				NB/E				SB/WB				NB/E				SB/WB			
			NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A-NANP	Pk Hr Impact
1	Interstate 405 n/a Venice Blvd. HOV	Yes -	0.779	0.902	0.123	--	0.786	0.949	0.163	--	0.870	1.054	0.185	X	0.717	0.901	0.184	--	0.854	1.119	0.166	X	0.913	1.080	0.157	X
-		-	0.675	0.701	0.026	--	0.669	0.796	-0.074	--	0.953	0.856	-0.097	--	0.789	0.745	-0.044	--	1.020	0.869	-0.151	--	1.216	1.143	-0.073	--
2	Interstate 405 n/a La Tijera Blvd. HOV	Yes -	0.925	1.035	0.110	X	1.052	1.220	0.157	X	1.074	1.228	0.155	X	0.995	1.148	0.153	X	1.118	1.263	0.145	X	0.979	1.147	0.169	--
-		-	0.929	0.897	-0.042	--	0.861	0.855	-0.006	--	1.147	1.360	-0.087	--	0.941	0.842	-0.099	--	1.125	0.999	-0.127	--	1.099	1.075	-0.024	--
3	Interstate 405 s/o Rosecrans Ave. HOV	- -	1.091	1.082	-0.009	--	0.864	0.943	0.079	--	0.949	0.978	0.029	--	1.171	1.171	0.000	--	1.124	1.136	0.012	--	1.045	1.076	0.031	--
-		-	1.018	1.013	-0.005	--	0.540	0.574	0.034	--	0.691	0.918	0.027	--	0.910	0.933	0.023	--	1.091	1.104	0.014	--	0.862	0.917	0.055	--
4	Interstate 105 n/a Crenshaw Blvd. HOV	- Yes	0.743	0.791	0.043	--	0.999	0.967	-0.021	--	0.984	0.885	0.000	--	0.891	0.865	-0.026	--	0.535	0.552	0.015	--	0.592	0.599	0.007	--
# IMPACTS		3	0.576	0.638	0.062	--	0.954	0.967	0.014	--	1.086	1.113	0.027	X	0.715	0.849	0.133	--	0.957	0.980	0.023	--	1.110	1.139	0.029	--

## 2005 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATION) VS. NO ACTION/NO PROJECT FREEWAY LEVEL OF SERVICE COMPARISONS

2025 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATION) VS. NO ACTION/NO PROJECT (FINAL) IMPACTS SUMMARY TABLE																																			
No.		Link Location	Total Impacts	AM Peak Hour												PM Peak Hour												Airport Peak Hour							
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB											
				NANP V/C	Alter A V/C	Alter A NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A NANP	Pk Hr Impact								
1	Interstate 405 n/a Venice Blvd. HOV	Yes	0.779	0.897	0.118	—	0.786	0.952	0.166	—	0.870	1.053	0.183	X	0.717	0.901	0.184	—	0.854	1.130	0.177	X	0.913	1.087	0.174	X									
-		-	0.675	0.692	0.017	—	0.869	0.790	-0.080	—	0.933	0.848	-0.105	—	0.789	0.732	-0.057	—	1.020	0.944	-0.176	—	1.216	1.123	-0.093	—									
2	Interstate 405 n/a La Tijera Blvd. HOV	Yes	0.925	1.032	0.107	X	1.062	1.217	0.155	X	1.074	1.236	0.164	X	0.995	1.146	0.152	X	1.116	1.277	0.159	X	0.979	1.147	0.169	—									
-		-	0.929	0.888	-0.041	—	0.861	0.855	-0.006	—	1.147	1.032	-0.115	—	0.941	0.873	-0.068	—	1.126	0.968	-0.159	—	1.039	1.081	-0.018	—									
3	Interstate 425 s/a Rosecrans Ave. HOV	Yes	1.081	1.079	-0.012	—	0.864	0.939	0.075	—	0.949	0.973	0.024	—	1.171	1.174	0.003	—	1.124	1.148	0.025	X	1.045	1.079	0.033	—									
-		-	1.018	1.014	-0.004	—	0.540	0.573	0.033	—	0.891	0.921	0.031	—	0.910	0.939	0.029	—	1.091	1.070	-0.021	—	0.852	0.925	0.063	—									
4	Interstate 135 n/a Crenshaw Blvd. HOV	Yes	0.748	0.785	0.037	—	0.988	0.970	-0.018	—	0.884	0.884	0.000	—	0.891	0.951	-0.063	—	0.536	0.551	0.015	—	0.592	0.593	0.007	—									
-		-	0.576	0.619	0.043	—	0.954	0.965	0.012	—	1.086	1.110	0.023	X	0.715	0.854	0.139	—	0.857	0.981	0.025	—	1.110	1.135	0.025	—									
# IMPACTS			4																																



## 2005 PHASE 3F - ALTERNATIVE A (W/FINAL MITIGATION) VS. NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

No. Freeway Ramps			Significant Impacts	AM Peak Hour				PM Peak Hour				Airport Peak Hour			
				NANP V/C	ALT. A V/C	ALT. A-NANP	Pk Hr Impact	NANP V/C	ALT. A V/C	ALT. A-NANP	Pk Hr Impact	NANP V/C	ALT. A V/C	ALT. A-NANP	Pk Hr Impact
1	405 NB off-ramp	at Sepulveda Blvd.	-	0.471	0.479	0.007	---	0.473	0.458	-0.015	---	0.765	0.747	-0.018	---
2	405 SB off-ramp	at Howard Hughes Pkwy.	-	0.200	0.217	0.017	---	0.248	0.260	0.012	---	0.257	0.267	0.010	---
3	405 SB on-ramp	at Howard Hughes Pkwy.	-	0.183	0.163	-0.020	---	0.547	0.455	-0.091	---	0.422	0.399	-0.023	---
4	405 NB off-ramp	at Howard Hughes Pkwy.	-	0.185	0.183	-0.003	---	0.184	0.168	-0.016	---	0.206	0.187	-0.019	---
5	405 NB on-ramp	at Howard Hughes Pkwy.	-	0.571	0.905	0.335	---	0.497	0.603	0.106	---	0.373	0.411	0.038	---
6	405 SB off-ramp	at La Tijera Blvd.	-	0.344	0.363	0.019	---	0.469	0.492	0.023	---	0.405	0.398	-0.007	---
7	405 SB on-ramp	at La Tijera Blvd.	-	0.502	0.457	-0.045	---	0.497	0.495	-0.001	---	0.227	0.233	0.007	---
8	405 NB off-ramp	at La Tijera Blvd.	-	0.530	0.536	0.006	---	0.569	0.574	0.005	---	0.301	0.279	-0.023	---
9	405 NB on-ramp	at La Tijera Blvd.	-	0.449	0.471	0.022	---	0.411	0.449	0.038	---	0.320	0.330	0.010	---
10	405 NB on-ramp	at Manchester Blvd. East	-	0.310	0.368	0.058	---	0.467	0.551	0.084	---	0.299	0.391	0.092	---
11	405 NB on-ramp	at Manchester Blvd. West	-	0.305	0.326	0.021	---	0.348	0.341	-0.007	---	0.394	0.493	0.099	---
12	405 NB off-ramp	at Manchester Blvd.	-	0.927	0.897	-0.031	---	0.633	0.599	-0.034	---	0.786	0.750	-0.036	---
13	405 SB on-ramp	at Manchester Blvd.	-	0.625	0.511	-0.114	---	0.851	0.773	-0.088	---	0.601	0.443	-0.158	---
14	405 SB off-ramp	at La Cienega Blvd.	Yes	0.741	0.776	0.035	---	0.639	0.738	0.099	---	0.832	1.035	0.203	X
15	405 SB on-ramp	(n/o Century Blvd.) at La Cienega Blvd.	-	0.232	0.237	0.005	---	0.328	0.275	-0.053	---	0.323	0.311	-0.013	---
16	405 SB off-ramp	(n/o Century Blvd.) at La Cienega Blvd.	-	0.299	0.202	-0.097	---	0.342	0.165	-0.177	---	0.269	0.080	-0.189	---
17	405 SB on-ramp	(s/o Century Blvd.) at La Cienega Blvd.	-	0.423	0.327	-0.096	---	0.667	0.492	-0.175	---	0.545	0.351	-0.195	---
18	405 NB off-ramp	(s/o Century Blvd.) at Century Blvd.	-	0.956	0.926	-0.030	---	0.555	0.524	-0.031	---	0.447	0.376	-0.071	---
19	405 NB on-ramp	at Century Blvd. EB	-	0.305	0.299	-0.005	---	0.549	0.713	0.164	---	0.193	0.359	0.166	---
20	405 NB on-ramp	at Century Blvd. WB	-	0.408	0.480	0.072	---	0.284	0.322	0.038	---	0.314	0.388	0.074	---
21	405 SB off-ramp	at La Cienega Blvd.	-	0.233	0.265	0.033	---	0.097	0.126	0.029	---	0.222	0.225	0.003	---
22	405 SB on-ramp	(n/o Imperial Hwy.) at La Cienega Blvd.	-	0.129	0.027	-0.102	---	0.133	0.121	-0.012	---	0.175	0.130	-0.045	---
23	405 SB off-ramp	(n/o Imperial Hwy.) at La Cienega Blvd.	-	0.133	0.147	0.014	---	0.183	0.192	0.009	---	0.251	0.262	0.011	---
24	405 SB on-ramp	(n/o El Segundo Blvd.) at La Cienega Blvd.	-	0.053	0.058	0.000	---	0.199	0.199	0.000	---	0.003	0.002	-0.001	---
25	405 SB off-ramp	(n/o El Segundo Blvd.) El Segundo Blvd.	-	0.439	0.367	-0.072	---	0.153	0.102	-0.051	---	0.195	0.157	-0.038	---
26	405 SB on-ramp	El Segundo Blvd.	-	0.225	0.193	-0.031	---	1.048	0.933	-0.115	---	0.295	0.324	0.029	---
27	405 NB off-ramp	El Segundo Blvd.	-	0.699	0.521	-0.178	---								

INTERSECTIONS	BA ID	Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		NAMP V/C	AK B V/C	AK B - NAMP	PK-Hr Impact	NAMP V/C	AK B V/C	AK B - NAMP	PK-Hr Impact	NAMP V/C	AK B V/C	AK B - NAMP	PK-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3	4070	4090	3958	---	0.783	0.739	-0.044	---	1.007	0.659	-0.348	---	1.257	0.761	-0.496	---
AIRPORT BLVD at CENTURY BLVD	4	4305	4780	4094	---	0.528	0.420	-0.106	---	0.589	0.566	-0.004	---	0.720	0.560	-0.160	---
AIRPORT BLVD at LA TIJERA BLVD	5	2477	2698	3022	---	0.564	0.430	-0.136	---	0.574	0.444	-0.130	---	0.697	0.644	-0.053	---
AIRPORT BLVD at MANCHESTER AV	6	3170	3409	4136	---	0.847	0.676	-0.171	---	0.765	0.603	-0.161	---	0.883	0.811	-0.073	---
*AVIATION BLVD at ARBOR VITAE ST (1)	7	6385	6586	7263	Yes	0.921	0.844	-0.077	---	0.978	0.827	-0.149	---	0.888	0.959	0.073	X
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4340	4767	5502	Yes	0.9867	1.271	0.284	X	0.783	0.867	0.084	X	0.825	1.129	0.303	X
AVIATION BLVD at 111TH ST (3)	10				---	0.503			---	0.835			---	0.857			---
*AVIATION BLVD at CENTURY BLVD	11	7388	8675	8060	Yes	0.940	0.988	0.059	X	1.028	1.230	0.201	X	1.853	1.431	-0.422	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5179	6424	5646	---	1.036	1.003	-0.034	---	1.012	1.005	-0.006	---	1.016	1.062	0.047	---
*AVIATION BLVD at IMPERIAL HWY	13	5633	7490	8979	Yes	0.950	1.316	0.366	X	1.185	1.510	0.325	X	1.254	1.457	0.204	---
AVIATION BLVD at MANCHESTER AV	14	2764	3368	4597	---	1.086	0.574	-0.512	---	0.853	0.682	-0.171	---	1.397	1.093	-0.304	---
AVIATION BLVD at ROSECRANS AV	15	7151	8417	8813	---	1.291	1.259	-0.032	---	1.506	1.477	-0.028	---	1.370	1.408	0.039	---
CENTINELA AV at JEFFERSON BLVD	18	4508	5566	3880	---	1.110	0.871	-0.239	---	1.077	1.062	-0.015	---	0.965	1.025	0.061	---
SEPULVEDA BLVD at CENTINELA AV	22	6118	6093	4712	---	1.133	1.030	-0.103	---	1.002	0.938	-0.063	---	0.833	0.794	-0.039	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6512	7811	5476	Yes	0.806	0.858	0.152	X	0.755	0.982	0.227	X	0.564	0.719	0.156	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4318	4633	1967	---	0.799	0.385	-0.414	---	0.894	0.563	-0.331	---	0.746	0.181	-0.565	---
CULVER BLVD at JEFFERSON BLVD	28	2258	3706	2295	---	0.843	0.555	-0.288	---	1.025	0.866	-0.159	---	0.609	0.523	-0.085	---
VISTA DEL MAR at CULVER BLVD	33	1029	1652	1144	---	0.612	0.808	-0.303	---	0.378	0.365	-0.013	---	0.329	0.278	-0.051	---
*DOUGLAS ST at IMPERIAL HWY	34	1723	2664	2517	---	0.475	0.269	-0.205	---	0.721	0.359	-0.363	---	0.639	0.445	-0.194	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6237	7713	6879	---	1.106	1.034	-0.073	---	1.179	1.117	-0.062	---	0.843	1.026	0.083	---
VISTA DEL MAR at GRAND AV	36	2130	2210	1824	---	0.911	0.623	-0.289	---	0.478	0.477	-0.001	---	0.489	0.591	0.102	---
LA CIENEGA BLVD at FLORENCE AV	40	3305	4212	5258	Yes	0.767	0.744	-0.023	---	0.989	1.007	0.018	X	1.455	1.468	0.012	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2317	2501	2144	---	1.203	0.881	-0.321	---	0.914	0.794	-0.120	---	0.880	0.842	-0.038	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6009	5769	4886	---	0.727	0.758	0.032	---	0.833	0.759	-0.074	---	0.658	0.633	-0.025	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5526	5089	5210	Yes	0.639	0.855	0.216	X	0.818	0.714	-0.204	---	0.856	0.786	-0.070	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	2011	1855	3806	---	0.344	0.306	-0.038	---	0.291	0.289	-0.002	---	0.681	0.659	-0.023	---
*MAIN ST at IMPERIAL HWY (1)	47					0.807				0.951				0.548			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	3911	4448	3474		0.699				0.804				0.650			
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	2550	2730	2183		0.732				0.850				0.607			
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3644	2974	2601	---	1.201	1.211	0.010	---	0.615	0.543	-0.072	---	0.408	0.430	0.022	---
PERSHING DR at IMPERIAL HWY (3)	49					1.307				0.922				0.721			
*SEPULVEDA BLVD at IMPERIAL HWY	50	6833	7879	8135	Yes	0.815	1.184	0.369	X	1.009	1.851	0.842	X	0.874	0.849	-0.125	---
*VISTA DEL MAR at IMPERIAL HWY	51	2139	2597	1847	---	0.835	0.539	-0.296	---	0.557	0.418	-0.139	---	0.571	0.387	-0.184	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	4021	4048	5457	---	0.893	0.768	-0.124	---	0.521	0.614	0.094	---	0.580	0.577	-0.004	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	2893	3656	2963	Yes	0.789	0.750	-0.030	---	0.863	0.887	0.023	X	0.858	0.648	-0.011	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3211	3717	2867	---	0.479	0.484	0.006	---	0.647	0.668	0.021	---	0.423	0.414	-0.009	---
LINCOLN BLVD at JEFFERSON BLVD	57	6314	8389	5601	Yes	0.880	0.906	0.026	X	1.229	1.054	-0.175	---	0.887	0.813	-0.074	---
LA CIENEGA BLVD at 111TH ST (3)	67	634	561	814	---	0.407	0.000		---	0.351	0.000		---	0.699	0.000		---
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL (3)	68	1493	2241	2792	---	0.405	0.353		---	0.555	0.552		---	0.686	0.621		---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1421	1434	1981	---	0.272	0.228	-0.044	---	0.246	0.208	-0.040	---	0.418	0.270	-0.147	---
LA CIENEGA BLVD at LENNOX BLVD	71	1491	1990	2277	---	0.367	0.248	-0.119	---	0.453	0.165	-0.288	---	0.840	0.423	-0.417	---
LA CIENEGA BLVD at MANCHESTER AV	72	3370	4243	5254	---	0.688	0.677	-0.011	---	0.819	0.820	0.002	---	1.090	1.058	-0.033	---
I-405 N/B RAMPS at LA TIJERA BLVD	78	4281	4652	2234	Yes	0.885	0.916	0.031	X	0.928	0.982	0.037	X	0.650	0.552	-0.098	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4026	4416	2919	---	0.775	0.782	-0.013	---	0.859	0.860	0.001	---	0.412	0.400	-0.013	---
LINCOLN BLVD at LA TIJERA BLVD	81	4353	5217	4145	Yes	0.425	0.572	0.148	---	0.486	0.713	0.227	X	0.342	0.702	0.361	---
LA TIJERA BLVD at MANCHESTER AV	82	2929	3785	3131	---	0.646	0.585	-0.061	---	0.698	0.721	0.023	---	0.626	0.597	-0.029	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6191	6757	3238	Yes	0.807	1.366	0.559	X	0.859	1.583	0.724	X	0.468	0.679	0.211	---
LINCOLN BLVD at 83RD ST	87	5909	7802	6581	Yes	0.969	1.043	0.054	X	1.345	1.206	-0.138	---	1.347	1.385	0.039	---
LINCOLN BLVD at MANCHESTER AV	88	5653	8022	5944	---	0.976	0.844	-0.132	---	1.440	1.308	-0.132	---	0.950	1.004	0.054	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.593				0.611				0.510			
LINCOLN BLVD at TEALE ST	94	4982	6313	5074	---	0.463	0.562	0.100	---	0.580	0.582	-0.016	---	0.383	0.402	0.018	---
PERSHING DR at MANCHESTER AV	96	1339	1860	794	---	0.414	0.502	0.087	---	0.671	0.587	-0.084	---	0.249	0.150	-0.099	---
SEPULVEDA BLVD at MANCHESTER AV	99	5823	8093	4394	Yes	0.993	1.039	0.047	X	0.992	0.951	-0.041	---	0.892	0.822	-0.069	---
SEPULVEDA BLVD at MARIPOSA AV	100	6058	7273	5787	Yes	0.764	0.816	0.052	X	0.985	1.330	0.345	X	1.060	1.451	0.391	---
PERSHING DR at WESTCHESTER PKWY (2)	101	766	752	906	---	0.375	0.188	-0.187	---	0.278	0.204	-0.074	---	0.133	0.287	0.154	---
SEPULVEDA BLVD at ROSECRANS AV	103	8180	9599	8045	---	1.615	1.546	-0.069	---	1.738	1.674	-0.063	---	1.843	1.836	-0.008	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4573	3889	4038	---	1.261	1.043	-0.217	---	1.033	0.837	-0.196	---	1.100	0.925	-0.175	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4891	4363	4020	Yes	0.722	0.794	0.072	X	0.660	0.661	0.001	---	0.689	0.653	-0.037	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.837				0.947				0.569			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4947	5170	2516		0.789				0.827				0.599			
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5674	5766	2732		0.696				0.625				0.575			
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	3157	3498	3674	Yes	0.787	0.834	0.047	X	0.803	0.681	0.079	---	0.823	0.945	0.122	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4009	4356	2546	---	0.788	0.731	-0.057	---	0.636	0.668	0.032	---	0.328	0.432	0.103	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2907	3448	2936	---	0.879	0.601	-0.078	---	0.653	0.607	-0.046	---	0.466	0.448	-0.018	---
LA CIENEGA BLVD at 120TH ST	313	657	1133	1078	---	0.378	0.248	-0.129	---	0.415	0.408	-0.007	---	0.391	0.459	0.068	---
# IMPACTS					18												

Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesign for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	BA ID	Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		NANP V/C	AR B V/C	AR B - NANP	Pk-Hr Impact	NANP V/C	AR B V/C	AR B - NANP	Pk-Hr Impact	NANP V/C	AR B V/C	AR B - NANP	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (2)	3	3975	3998	3838		0.783	0.737	-0.047		1.007	0.619	-0.389		1.257	0.757	-0.500	
AIRPORT BLVD at CENTURY BLVD	4	4223	4686	4383	---	0.528	0.417	-0.110	---	0.569	0.550	-0.020	---	0.720	0.659	-0.061	---
AIRPORT BLVD at LA TIJERA BLVD	5	2527	2685	3028	---	0.564	0.436	-0.128	---	0.574	0.422	-0.153	---	0.697	0.528	-0.068	---
AIRPORT BLVD at MANCHESTER AV	6	3038	3311	3971	---	0.847	0.649	-0.197	---	0.765	0.589	-0.175	---	0.883	0.801	-0.083	---
*AVIATION BLVD at ARBOR VITAE ST (2)	7	6281	6499	7350		0.921	0.831	-0.090		0.976	0.895	-0.141		0.886	0.977	0.091	
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4339	4691	5517	Yes	0.9887	1.271	0.285	X	0.783	0.853	0.070	X	0.825	1.141	0.316	X
AVIATION BLVD at 111TH ST (3)	10					0.503				0.835				0.857			
*AVIATION BLVD at CENTURY BLVD	11	7225	8498	8221	Yes	0.940	0.985	0.046	X	1.028	1.230	0.201	X	1.853	1.526	-0.327	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5239	6448	5660	---	1.036	1.011	-0.026	---	1.012	1.010	-0.001	---	1.015	1.086	0.071	---
*AVIATION BLVD at IMPERIAL HWY	13	5597	7475	7024	Yes	0.950	1.314	0.364	X	1.185	1.516	0.331	X	1.254	1.487	0.234	---
AVIATION BLVD at MANCHESTER AV	14	2681	3282	4629	---	1.086	0.559	-0.527	---	0.853	0.687	-0.166	---	1.397	1.090	-0.307	---
AVIATION BLVD at ROSECRANS AV	15	7130	8406	6987	---	1.291	1.248	-0.043	---	1.508	1.474	-0.032	---	1.370	1.430	0.060	---
CENTINELA AV at JEFFERSON BLVD	18	4501	5538	3885	---	1.110	0.873	-0.238	---	1.077	1.037	-0.039	---	0.965	1.018	0.053	---
SEPULVEDA BLVD at CENTINELA AV	22	6158	6088	4701	---	1.133	1.039	-0.095	---	1.002	0.888	-0.084	---	0.833	0.789	-0.044	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6361	7590	5482	Yes	0.808	0.924	0.116	X	0.755	0.935	0.180	X	0.564	0.783	0.189	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4359	4653	1840	---	0.799	0.389	-0.410	---	0.894	0.587	-0.327	---	0.746	0.164	-0.582	---
CULVER BLVD at JEFFERSON BLVD	28	2177	3541	2282	---	0.843	0.525	-0.318	---	1.025	0.835	-0.190	---	0.609	0.516	-0.093	---
VISTA DEL MAR at CULVER BLVD	33	1041	1676	1156	---	0.612	0.312	-0.300	---	0.378	0.375	-0.003	---	0.369	0.281	-0.088	---
*DOUGLAS ST at IMPERIAL HWY	34	1696	2656	2547	---	0.475	0.276	-0.199	---	0.721	0.344	-0.377	---	0.639	0.449	-0.190	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6226	7702	6995	---	1.106	1.034	-0.073	---	1.179	1.122	-0.057	---	0.943	1.040	0.098	---
VISTA DEL MAR at GRAND AV	36	2148	2207	1813	---	0.911	0.629	-0.283	---	0.478	0.478	0.001	---	0.489	0.586	0.097	---
LA CIENEGA BLVD at FLORENCE AV	40	3263	4198	5256	Yes	0.767	0.732	-0.036	---	0.989	0.999	0.010	X	1.455	1.473	0.017	X
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2332	2491	2167	---	1.203	0.888	-0.315	---	0.914	0.792	-0.122	---	0.880	0.850	-0.030	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	8067	5761	4906	---	0.727	0.765	0.038	---	0.833	0.757	-0.075	---	0.658	0.634	-0.024	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5490	5119	5225	Yes	0.839	0.863	0.023	X	0.918	0.719	-0.199	---	0.856	0.787	-0.069	---
*I-405 FWY NB RAMPs at IMPERIAL HWY	46	1937	1849	3752	---	0.344	0.295	-0.049	---	0.291	0.289	-0.002	---	0.681	0.857	-0.025	---
*MAIN ST at IMPERIAL HWY (1)	47					0.807				0.951				0.548			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	3411	2733	2238		0.675				0.514				0.430			
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1703	1806	1538		0.514				0.606				0.495			
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3585	2891	2635	---	1.201	1.196	-0.005	---	0.615	0.542	-0.073	---	0.408	0.401	-0.007	---
PERSHING DR at IMPERIAL HWY (3)	49					1.307				0.922				0.721			
*SEPULVEDA BLVD at IMPERIAL HWY	50	6770	7956	6343	Yes	0.815	1.243	0.428	X	1.009	1.653	0.644	X	0.974	0.835	-0.140	---
*VISTA DEL MAR at IMPERIAL HWY	51	2153	2598	1841	---	0.835	0.541	-0.295	---	0.557	0.419	-0.138	---	0.571	0.376	-0.193	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	3981	4044	5391	---	0.893	0.782	-0.111	---	0.521	0.609	0.089	---	0.580	0.569	-0.012	---
I-405 N/B RAMPs at JEFFERSON BLVD	54	2947	3641	2928	---	0.789	0.769	-0.020	---	0.863	0.879	0.016	---	0.658	0.831	-0.028	---
I-405 S/B RAMPs at JEFFERSON BLVD	55	3207	3694	2816	---	0.479	0.490	0.011	---	0.847	0.663	0.015	---	0.423	0.408	-0.015	---
LINCOLN BLVD at JEFFERSON BLVD	57	6223	8360	5591	Yes	0.880	0.909	0.029	X	1.229	1.062	-0.167	---	0.867	0.804	-0.063	---
LA CIENEGA BLVD at 111TH ST (3)	57					0.407				0.351				0.699			
*LA CIENEGA BLVD at I-405 RAMPs S/O CENTURY BL	68	1870	2415	3151	---	0.405	0.344		---	0.555	0.593		---	0.686	0.665		---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1434	1441	1965	---	0.272	0.230	-0.042	---	0.248	0.208	-0.038	---	0.418	0.270	-0.147	---
LA CIENEGA BLVD at LENNOX BLVD	71	1491	1947	2199	---	0.367	0.259	-0.107	---	0.453	0.152	-0.301	---	0.840	0.407	-0.433	---
LA CIENEGA BLVD at MANCHESTER AV	72	3381	4190	5264	---	0.888	0.681	-0.007	---	0.819	0.799	-0.020	---	1.090	1.052	-0.038	---
I-405 N/B RAMPs at LA TIJERA BLVD	78	4313	4668	2235	Yes	0.885	0.924	0.039	X	0.926	0.953	0.027	X	0.650	0.553	-0.097	---
I-405 S/B RAMPs at LA TIJERA BLVD	79	4064	4432	2903	---	0.775	0.780	-0.015	---	0.859	0.858	-0.001	---	0.412	0.389	-0.023	---
LINCOLN BLVD at LA TIJERA BLVD	81	4201	5107	4127	---	0.425	0.559	0.135	---	0.486	0.694	0.208	---	0.342	0.778	0.436	---
LA TIJERA BLVD at MANCHESTER AV	82	2886	3815	3261	---	0.646	0.581	-0.065	---	0.698	0.721	0.023	---	0.628	0.627	0.001	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	5914	6301	3117	Yes	0.807	1.425	0.618	X	0.859	1.363	0.504	X	0.468	0.542	0.074	---
LINCOLN BLVD at 83RD ST	87	5909	7885	6585	Yes	0.989	1.028	0.039	X	1.345	1.243	-0.102	---	1.347	1.374	0.027	---
LINCOLN BLVD at MANCHESTER AV	88	5654	8089	5981	---	0.976	0.828	-0.149	---	1.440	1.330	-0.110	---	0.950	1.005	0.056	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	83					0.593				0.611				0.510			
LINCOLN BLVD at TEALE ST	84	4971	8352	5068	---	0.463	0.560	0.096	---	0.580	0.569	-0.011	---	0.383	0.405	0.022	---
PERSHING DR at MANCHESTER AV	98	1475	1738	757	Yes	0.414	0.546	0.132	---	0.671	0.771	0.100	X	0.249	0.157	-0.092	---
SEPULVEDA BLVD at MANCHESTER AV	99	5840	8099	4380	Yes	0.993	1.044	0.051	X	0.992	0.829	-0.063	---	0.892	0.815	-0.076	---
SEPULVEDA BLVD at MARIPOSA AV	100	8051	7263	5797	Yes	0.764	0.819	0.055	X	0.985	1.319	0.335	X	1.080	1.430	0.389	---
PERSHING DR at WESTCHESTER PKWY (2)	101	764	721	786	---	0.375	0.230	-0.145	---	0.276	0.191	-0.087	---	0.133	0.218	0.085	---
SEPULVEDA BLVD at ROSECRANS AV	103	8167	9580	8040	---	1.615	1.645	-0.071	---	1.788	1.685	-0.052	---	1.843	1.839	-0.004	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4593	3577	4374	---	1.281	1.048	-0.213	---	1.033	0.811	-0.222	---	1.100	1.000	-0.100	---
SEPULVEDA BLVD at 76TH/77TH ST	105	4780	4355	4047	Yes	0.722	0.817	0.095	X	0.860	0.649	-0.011	---	0.689	0.663	-0.026	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.837				0.947				0.569			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4530	4657	2286		0.836				0.851				0.576			
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5352	5418	2582		0.906				0.833				0.516			
*LA CIENEGA BLVD at I-405 SB RAMPs N/O CENTURY	111	3132	3404	3801	Yes	0.787	0.827	0.039	X	0.803	0.664	0.061	---	0.823	0.985	0.163	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3958	4281	2544	---	0.788	0.720	-0.068	---	0.636	0.661	0.025	---	0.329	0.421	0.092	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2843	3455	2952	---	0.679	0.613	-0.066	---	0.653	0.808	-0.045	---	0.486	0.452	-0.014	---
LA CIENEGA BLVD at 120TH ST	313	905	1116	1091	---	0.378	0.263	-0.114	---	0.415	0.407	-0.007	---	0.391	0.475	0.084	---
# IMPACTS					16												

Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesign for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better

Los Angeles International Airport Master Plan																											
2005 PHASE 3F - ALTERNATIVE B VS. NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS																											
No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	
1	Lincoln Boulevard	n/o Venice Boulevard**	-	0.714	0.729	0.015	---	0.942	0.801	-0.040	---	0.866	0.880	0.014	---	0.829	0.833	0.003	---	0.692	0.689	-0.002	---	0.742	0.721	-0.021	---
2	Centinela Avenue	n/o Venice Boulevard**	-	0.887	0.880	-0.008	---	0.505	0.593	-0.012	---	0.765	0.772	0.007	---	0.822	0.810	-0.012	---	0.651	0.649	-0.002	---	0.788	0.743	-0.045	---
3	Sepulveda Boulevard	n/o Venice Boulevard**	-	0.454	0.452	-0.002	---	0.549	0.505	-0.045	---	0.465	0.405	-0.060	---	0.602	0.634	0.032	---	0.493	0.449	-0.045	---	0.589	0.631	0.042	---
4	Sepulveda Boulevard	n/o Venice Boulevard**	Yes	0.848	0.855	0.007	---	0.657	0.613	-0.044	---	0.839	0.857	0.018	---	0.838	0.821	-0.017	---	0.798	0.672	0.075	X	0.915	0.857	-0.059	---
5	Overland Avenue	n/o Venice Boulevard**	-	0.870	0.899	0.030	---	0.940	0.868	-0.073	---	0.878	0.825	-0.053	---	1.121	1.107	-0.014	---	0.822	0.825	0.002	---	0.969	0.949	-0.020	---
6	Stacker Street	n/o La Brea Avenue	-	0.438	0.444	0.006	---	0.446	0.406	-0.040	---	0.535	0.504	-0.032	---	0.405	0.405	0.000	---	0.487	0.494	0.007	---	0.511	0.489	-0.022	---
7	Stanton Avenue	n/o La Brea Avenue	-	0.382	0.404	0.022	---	0.679	0.676	-0.003	---	0.639	0.613	0.003	---	0.469	0.473	0.004	---	0.352	0.365	0.003	---	0.342	0.340	-0.002	---
8	Centinela Avenue	n/o La Brea Avenue	-	0.366	0.376	0.010	---	0.876	0.865	-0.011	---	0.656	0.659	0.002	---	1.155	1.158	0.002	---	0.688	0.687	0.019	---	0.532	0.518	-0.015	---
9	La Cienega Boulevard	n/o Stanton Avenue	-	0.547	0.549	0.002	---	0.529	0.507	-0.022	---	0.618	0.609	-0.009	---	0.551	0.554	0.003	---	0.379	0.372	-0.007	---	0.405	0.396	-0.009	---
10	Manchester Boulevard	n/o La Brea Avenue	-	0.471	0.487	0.015	---	0.538	0.504	-0.034	---	0.577	0.558	-0.019	---	0.576	0.590	0.015	---	0.449	0.456	0.008	---	0.516	0.519	0.004	---
11	Ashlar View Street	n/o La Brea Avenue	-	0.290	0.305	0.015	---	0.303	0.279	-0.024	---	0.431	0.397	-0.034	---	0.482	0.485	0.002	---	0.556	0.541	-0.015	---	0.370	0.374	0.004	---
12	Century Boulevard	n/o La Brea Avenue	-	0.420	0.487	0.061	---	0.512	0.476	-0.035	---	0.635	0.618	-0.017	---	0.442	0.439	-0.003	---	0.425	0.385	-0.040	---	0.404	0.370	-0.034	---
13	Imperial Highway	n/o La Brea Avenue	-	0.288	0.298	0.009	---	0.378	0.300	-0.078	---	0.546	0.509	-0.037	---	0.293	0.294	-0.009	---	0.459	0.450	-0.009	---	0.551	0.546	-0.005	---
14	Aviation Boulevard	n/o Rossmore Avenue	-	0.672	0.587	-0.035	---	0.239	0.288	0.048	---	0.394	0.380	-0.014	---	0.661	0.622	-0.040	---	0.373	0.381	0.007	---	0.284	0.297	0.013	---
15	Sepulveda Boulevard	n/o Rossmore Avenue	-	0.918	0.855	-0.063	---	0.251	0.286	0.037	---	0.449	0.482	0.013	---	0.794	0.791	-0.003	---	0.502	0.487	-0.015	---	0.516	0.501	-0.015	---
16	Pacific Avenue	n/o Venice Boulevard**	-	0.253	0.227	-0.024	---	0.457	0.406	-0.060	---	0.285	0.269	-0.017	---	0.390	0.393	0.002	---	0.372	0.373	0.001	---	0.478	0.439	-0.039	---
17	Washington Boulevard	n/o Lincoln Boulevard**	-	0.639	0.622	-0.010	---	0.437	0.410	0.003	---	0.575	0.587	-0.012	---	0.421	0.417	-0.004	---	0.321	0.316	-0.005	---	0.492	0.496	0.004	---
18	Marina Freeway	n/o Lincoln Boulevard**	-	0.250	0.254	-0.005	---	0.268	0.242	-0.025	---	0.338	0.318	-0.020	---	0.279	0.275	-0.003	---	0.347	0.336	0.011	---	0.298	0.296	-0.002	---
19	Culver Boulevard	n/o Lincoln Boulevard	-	0.421	0.385	-0.035	---	0.113	0.112	-0.002	---	0.285	0.288	0.004	---	0.396	0.419	0.033	---	0.377	0.359	-0.018	---	0.371	0.358	-0.014	---
20	Jefferson Avenue	n/o Lincoln Boulevard**	-	0.492	0.466	-0.026	---	0.329	0.354	0.035	---	0.453	0.434	-0.019	---	0.845	0.797	-0.048	---	0.155	0.163	0.008	---	0.391	0.385	-0.006	---
21	Lincoln Boulevard	n/o Jefferson Avenue**	Yes	0.635	0.780	0.144	X	0.380	0.372	-0.018	---	0.850	0.843	-0.002	---	0.613	0.646	0.033	---	0.555	0.532	0.027	---	0.600	0.593	-0.008	---
22	Culver Boulevard	n/o Jefferson Avenue**	-	0.665	0.464	-0.202	---	0.279	0.266	-0.012	---	0.476	0.458	-0.017	---	0.746	0.739	-0.007	---	0.389	0.347	-0.042	---	0.426	0.410	0.016	---
23	Vista Del Mar	n/o Culver Boulevard**	-	0.179	0.146	-0.233	---	0.165	0.168	-0.057	---	0.209	0.214	0.006	---	0.393	0.358	-0.034	---	0.274	0.210	-0.063	---	0.231	0.201	-0.030	---
24	La Brea Avenue	n/o Stanton Avenue	-	0.507	0.621	0.014	---	0.415	0.374	-0.041	---	0.590	0.578	-0.012	---	0.596	0.600	0.014	---	0.484	0.482	-0.003	---	0.534	0.536	0.003	---
25	Jefferson Boulevard	n/o Redon Road	-	0.371	0.373	0.002	---	0.681	0.644	-0.038	---	0.491	0.498	-0.023	---	0.456	0.436	-0.023	---	0.131	0.125	-0.006	---	0.622	0.592	-0.030	---
26	Sepulveda Boulevard	n/o Stanton Avenue	-	0.858	0.821	-0.037	---	0.369	0.326	-0.043	---	0.591	0.581	-0.353	---	0.740	0.728	-0.012	---	0.444	0.415	-0.029	---	0.468	0.381	-0.087	---
27	Centinela Avenue	n/o Sepulveda Boulevard	-	0.311	0.312	0.001	---	0.669	0.603	-0.066	---	0.513	0.545	0.369	---	0.522	0.480	-0.042	---	0.404	0.428	0.024	---	0.506	0.592	-0.014	---
28	El Segundo Boulevard	n/o Hawthorne Boulevard	-	0.193	0.204	0.012	---	0.529	0.492	-0.037	---	0.763	0.753	-0.010	---	0.377	0.387	0.010	---	0.672	0.693	0.021	---	0.835	0.845	0.009	---
29	Inglewood Avenue	n/o Rossmore Avenue	-	0.479	0.490	0.049	---	0.355	0.342	-0.013	---	0.499	0.498	-0.011	---	0.815	0.808	-0.008	---	0.471	0.477	0.006	---	0.287	0.294	0.006	---
30	Vista Del Mar	n/o Grand Avenue	-	0.843	0.628	-0.215	---	0.146	0.147	0.001	---	0.181	0.198	0.017	---	0.537	0.497	-0.040	---	0.324	0.293	-0.011	---	0.202	0.213	0.011	---
# IMPACTS			2																								

\*\* Intersections at both ends of these links from ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

## 2005 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATION) VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			NAMP V/C	Alter B V/C	Alter B - NAMP	Pk Hr Impact	NAMP V/C	Alter B V/C	Alter B - NAMP	Pk Hr Impact	NAMP V/C	Alter B V/C	Alter B - NAMP	Pk Hr Impact	NAMP V/C	Alter B V/C	Alter B - NAMP	Pk Hr Impact	NAMP V/C	Alter B V/C	Alter B - NAMP	Pk Hr Impact	NAMP V/C	Alter B V/C	Alter B - NAMP	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.714	0.727	0.013	---	0.842	0.801	-0.041	---	0.866	0.869	0.003	---	0.829	0.824	-0.005	---	0.692	0.683	-0.009	---	0.742	0.719	-0.023	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.887	0.880	-0.008	---	0.635	0.590	-0.015	---	0.765	0.758	-0.007	---	0.822	0.814	-0.008	---	0.651	0.645	-0.006	---	0.788	0.737	-0.052	---
3	Santa Monica Boulevard	s/o Venice Boulevard**	-	0.454	0.445	-0.009	---	0.549	0.515	-0.034	---	0.453	0.434	-0.031	---	0.802	0.816	0.014	---	0.493	0.445	-0.048	---	0.589	0.545	-0.045	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.848	0.659	0.012	---	0.657	0.824	-0.033	---	0.839	0.848	0.009	---	0.838	0.815	-0.023	---	0.798	0.832	0.034	X	0.916	0.851	-0.065	---
5	Owens Avenue	s/o Venice Boulevard**	-	0.870	0.877	0.009	---	0.940	0.879	-0.062	---	0.828	0.821	-0.007	---	1.121	1.124	0.002	---	0.822	0.827	0.004	---	0.969	0.917	-0.052	---
6	Stocker Street	s/o La Brea Avenue	-	0.439	0.445	0.007	---	0.440	0.399	-0.048	---	0.535	0.519	-0.016	---	0.405	0.435	0.001	---	0.487	0.492	0.005	---	0.511	0.495	-0.016	---
7	Stanton Avenue	s/o La Brea Avenue	-	0.382	0.404	0.022	---	0.679	0.676	-0.004	---	0.609	0.611	0.001	---	0.459	0.476	0.006	---	0.362	0.366	0.004	---	0.342	0.347	0.005	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.566	0.560	-0.004	---	0.876	0.868	-0.008	---	0.656	0.649	-0.007	---	1.155	1.149	-0.006	---	0.668	0.591	0.023	---	0.532	0.512	-0.021	---
9	La Cienega Boulevard	s/o Wilshire Avenue	-	0.547	0.546	-0.001	---	0.523	0.506	-0.023	---	0.619	0.606	-0.013	---	0.851	0.849	-0.002	---	0.379	0.372	-0.008	---	0.405	0.433	-0.022	---
10	Manchester Boulevard	s/o La Brea Avenue	-	0.471	0.487	0.016	---	0.538	0.533	-0.035	---	0.577	0.564	-0.013	---	0.576	0.591	0.015	---	0.449	0.447	-0.002	---	0.516	0.524	0.008	---
11	Acher Vitas Street	s/o La Brea Avenue	-	0.290	0.285	-0.005	---	0.303	0.281	-0.022	---	0.401	0.388	-0.003	---	0.492	0.464	-0.018	---	0.556	0.536	-0.019	---	0.370	0.386	0.016	---
12	Century Boulevard	s/o La Brea Avenue	-	0.420	0.478	0.058	---	0.512	0.476	-0.036	---	0.635	0.614	-0.021	---	0.442	0.429	-0.013	---	0.425	0.383	-0.042	---	0.424	0.378	-0.025	---
13	Imperial Highway	s/o La Brea Avenue	-	0.288	0.294	0.005	---	0.378	0.239	-0.079	---	0.546	0.509	-0.038	---	0.589	0.561	-0.028	---	0.459	0.435	-0.024	---	0.551	0.551	0.000	---
14	Aviation Boulevard	s/o Rosecrans Avenue	-	0.622	0.585	-0.037	---	0.639	0.230	-0.051	---	0.384	0.387	0.003	---	0.661	0.622	-0.040	---	0.573	0.583	0.010	---	0.284	0.299	0.015	---
15	Sepulveda Boulevard	s/o Rosecrans Avenue	-	0.918	0.851	-0.068	---	0.251	0.288	0.027	---	0.449	0.459	0.010	---	0.794	0.761	-0.033	---	0.506	0.493	-0.009	---	0.515	0.492	-0.025	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.203	0.222	0.019	---	0.457	0.406	-0.061	---	0.286	0.288	-0.018	---	0.390	0.393	0.002	---	0.372	0.364	-0.008	---	0.478	0.445	-0.032	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.633	0.619	-0.014	---	0.437	0.415	-0.008	---	0.579	0.560	-0.019	---	0.421	0.413	-0.008	---	0.321	0.319	-0.001	---	0.492	0.467	-0.025	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.260	0.267	-0.003	---	0.258	0.241	-0.026	---	0.338	0.316	-0.022	---	0.278	0.277	0.000	---	0.347	0.334	-0.013	---	0.298	0.293	-0.006	---
19	Culver Boulevard	s/o Lincoln Boulevard**	-	0.421	0.371	-0.050	---	0.113	0.109	-0.005	---	0.285	0.279	-0.005	---	0.386	0.430	0.044	---	0.377	0.371	-0.007	---	0.377	0.358	-0.014	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.482	0.458	-0.034	---	0.329	0.363	0.034	---	0.453	0.430	-0.023	---	0.845	0.787	-0.059	---	0.155	0.154	-0.001	---	0.390	0.378	-0.013	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.636	0.776	0.140	X	0.390	0.373	-0.017	---	0.850	0.847	-0.014	---	0.613	0.647	0.034	---	0.565	0.599	0.034	---	0.606	0.585	-0.015	---
22	Culver Boulevard	s/o Jefferson Avenue**	-	0.655	0.440	-0.225	---	0.279	0.258	-0.020	---	0.476	0.415	-0.060	---	0.748	0.721	-0.024	---	0.389	0.338	-0.052	---	0.426	0.410	-0.016	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.379	0.148	-0.231	---	0.165	0.113	-0.035	---	0.238	0.224	-0.016	---	0.393	0.357	-0.036	---	0.273	0.211	-0.063	---	0.231	0.235	0.002	---
24	La Brea Avenue	s/o Wilshire Avenue	-	0.637	0.626	-0.020	---	0.415	0.382	-0.033	---	0.590	0.578	-0.012	---	0.586	0.636	0.020	---	0.484	0.474	-0.010	---	0.534	0.539	0.005	---
25	Jefferson Boulevard	s/o Rodas Road	-	0.371	0.369	-0.001	---	0.691	0.544	-0.037	---	0.431	0.456	-0.035	---	0.458	0.422	-0.035	---	0.131	0.126	-0.005	---	0.622	0.592	-0.029	---
26	Sepulveda Boulevard	s/o Wilshire Avenue	-	0.858	0.827	-0.031	---	0.289	0.320	-0.030	---	0.631	0.569	-0.061	---	0.740	0.713	-0.026	---	0.444	0.424	-0.021	---	0.468	0.401	-0.067	---
27	Centinela Avenue	s/o Sepulveda Boulevard	-	0.311	0.329	0.019	---	0.699	0.612	-0.058	---	0.613	0.543	-0.070	---	0.522	0.484	-0.037	---	0.404	0.423	0.020	---	0.606	0.583	-0.023	---
28	El Segundo Boulevard	s/o Hawthorne Boulevard	-	0.193	0.203	0.011	---	0.529	0.490	-0.039	---	0.753	0.746	-0.017	---	0.377	0.389	0.012	---	0.672	0.665	0.014	---	0.835	0.849	0.014	---
29	Inglewood Avenue	s/o Rosecrans Avenue	-	0.479	0.435	-0.044	---	0.385	0.343	-0.012	---	0.499	0.481	-0.018	---	0.815	0.811	-0.005	---	0.471	0.488	0.017	---	0.287	0.288	0.001	---
30	Vista Del Mar	s/o Grand Avenue	-	0.843	0.632	-0.212	---	0.145	0.148	0.002	---	0.183	0.198	0.017	---	0.537	0.496	-0.041	---	0.304	0.295	-0.009	---	0.202	0.217	0.009	---
# IMPACTS			2																								

\*\* Intersections at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

## Los Angeles International Airport Master Plan

No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
			NB/LB				SB/WB				NB/TB				SB/WB				NB/EB				SB/WB			
			NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact
1	Interstate 405 n/b Venice Blvd. HOV	Yes -	0.779	0.699	0.120	--	0.786	0.950	0.164	--	0.870	1.049	0.179	X	0.717	0.902	0.185	--	0.954	1.125	0.171	X	0.913	1.078	0.165	X
2	Interstate 405 s/b La Tijera Blvd. HOV	Yes -	0.925	1.032	0.108	X	1.062	1.219	0.157	X	1.074	1.231	0.157	X	0.985	1.143	0.148	X	1.118	1.286	0.142	X	0.979	1.157	0.179	--
3	Interstate 405 s/b Rosecrans Ave. HOV	- -	1.091	1.072	-0.019	--	0.854	0.937	0.073	--	0.949	0.979	0.031	--	1.171	1.174	0.003	--	1.124	1.136	0.012	--	1.045	1.080	0.035	--
4	Interstate 105 s/b Crenshaw Blvd. HOV	- Yes 3	1.018	1.007	-0.012	---	0.840	0.572	0.262	--	0.949	0.971	0.041	--	0.910	0.934	0.024	--	1.091	1.105	0.015	--	0.862	0.912	0.050	--
# IMPACTS			0.748	0.789	0.041	--	0.993	0.967	-0.021	---	0.884	0.893	-0.004	--	0.891	0.867	-0.024	--	0.536	0.555	0.019	--	0.592	0.600	0.008	---
			0.576	0.644	0.069	--	0.954	0.967	0.013	--	1.086	1.109	0.023	X	0.715	0.874	0.159	--	0.957	0.988	0.032	---	1.110	1.132	0.022	X

## Los Angeles International Airport Master Plan

No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact	NANP/V/C	Alter B/V/C	Alter B-NANP	Pk Hr Impact
1	Interstate 405 n/b Venice Blvd. HOV	Yes -	0.773	0.897	0.118	--	0.786	0.949	0.163	--	0.870	1.046	0.179	X	0.717	0.895	0.178	--	0.554	1.124	0.170	X	0.913	1.065	0.172	X
2	Interstate 405 s/b La Tijera Blvd. HOV	Yes -	0.575	0.694	0.019	--	0.869	0.797	-0.073	--	0.953	0.857	-0.096	--	0.789	0.746	-0.043	--	1.020	0.833	-0.187	--	1.216	1.151	-0.065	--
3	Interstate 405 s/o Rosecrans Ave. HOV	Yes -	0.925	1.033	0.105	--	1.062	1.230	0.167	X	1.074	1.238	0.164	X	0.965	1.133	0.138	X	1.118	1.248	0.130	X	1.079	1.159	0.181	--
4	Interstate 105 o/a Cronshaw Blvd. HOV	Yes -	0.929	0.877	-0.052	--	0.861	-0.031	--	1.147	1.031	-0.117	--	0.941	0.871	-0.070	--	1.126	0.989	-0.138	--	1.059	1.035	-0.024	--	
# IMPACTS		5	1.091	1.375	-0.015	--	0.864	0.936	0.072	--	0.949	0.974	0.025	--	1.171	1.172	0.001	--	1.124	1.139	0.016	X	1.045	1.074	0.028	.
			1.016	1.014	-0.004	--	0.540	0.577	0.037	--	0.591	0.920	0.030	--	0.910	0.928	0.018	--	1.091	1.114	0.024	X	0.862	0.912	0.056	--
			0.748	0.787	0.039	---	0.988	0.967	-0.021	--	0.884	0.881	-0.003	--	0.893	0.855	-0.036	--	0.535	0.552	0.015	--	0.592	0.607	0.015	--
			0.576	0.636	0.060	--	0.954	0.969	0.015	--	1.096	1.113	0.027	X	0.715	0.892	0.177	--	0.957	0.977	0.021	--	1.110	1.138	0.028	X

## Los Angeles International Airport Master Plan

## # IMPACTS

## 2005 PHASE 3F - ALTERNATIVE B (W/FINAL MITIGATION) VS. NO ACTION/NO PROJECT ALTERNATIVE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

## # IMPACTS

		Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK					
INTERSECTIONS	BA ID	AM	PM	AP		NAMP	V/C	ARC V/C	ARC-NAMP	PH-Impact	NAMP	V/C	ARC V/C	ARC-NAMP	PH-Impact	NAMP	V/C	ARC V/C	ARC-NAMP
*AIRPORT BLVD at ARBOR VITAE ST	3	3958	4370	4344	—	0.783	0.761	-0.023	—	1.007	0.675	-0.332	—	—	1.257	0.645	-0.612	—	—
AIRPORT BLVD at CENTURY BLVD	4	4094	4744	3635	—	0.526	0.560	0.033	—	0.569	0.598	0.028	—	—	0.720	0.542	-0.177	—	—
AIRPORT BLVD at LA TIJERA BLVD	5	3022	2613	2922	—	0.564	0.643	0.079	—	0.574	0.385	-0.189	—	—	0.697	0.606	-0.090	—	—
AIRPORT BLVD at MANCHESTER AV	6	4136	3231	4247	—	0.847	0.811	-0.036	—	0.785	0.568	-0.197	—	—	0.883	0.771	-0.112	—	—
*AVIATION BLVD at ARBOR VITAE ST	7	7334	5806	7266	Yes	0.921	1.969	1.048	X	0.976	1.719	0.743	X	X	0.886	1.702	0.816	—	—
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5502	4952	5898	Yes	0.987	1.129	0.142	X	0.783	0.852	0.169	X	X	0.825	1.217	0.392	X	X
AVIATION BLVD at 111TH ST (3)	10					0.503				0.635					0.857				
*AVIATION BLVD at CENTURY BLVD	11	8060	8482	8035	Yes	0.940	1.431	0.492	X	1.028	1.012	-0.016	—	—	1.853	1.553	-0.300	—	—
*AVIATION BLVD at EL SEGUNDO BLVD	12	5646	6215	5512	Yes	1.036	1.062	0.025	X	1.012	1.021	0.009	—	—	1.015	1.033	0.017	—	—
*AVIATION BLVD at IMPERIAL HWY	13	6979	7091	6161	Yes	0.950	1.457	0.508	X	1.185	1.353	0.168	X	X	1.254	1.109	-0.145	—	—
AVIATION BLVD at MANCHESTER AV	14	4597	3773	4781	—	1.085	1.093	0.006	—	0.853	0.721	-0.132	—	—	1.397	1.214	-0.183	—	—
AVIATION BLVD at ROSECRANS AV	15	6813	8389	6732	Yes	1.291	1.408	0.117	X	1.506	1.474	-0.031	—	—	1.370	1.385	0.016	—	—
CENTINELA AV at JEFFERSON BLVD	18	3880	5449	3842	—	1.110	1.025	-0.085	—	1.077	1.037	-0.040	—	—	0.865	1.006	0.041	—	—
SEPULVEDA BLVD at CENTINELA AV	22	4712	6005	4696	—	1.133	0.793	-0.340	—	1.002	0.925	-0.076	—	—	0.833	0.783	-0.049	—	—
*LA CIENEGA BLVD at CENTURY BLVD	26	5478	7099	5299	Yes	0.806	0.718	-0.088	—	0.755	0.827	0.072	X	X	0.564	0.694	0.131	—	—
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	1967	4698	2153	—	0.799	0.181	-0.617	—	0.894	0.565	-0.329	—	—	0.746	0.211	-0.535	—	—
CULVER BLVD at JEFFERSON BLVD	28	2295	3797	2385	—	0.843	0.523	-0.319	—	1.025	0.896	-0.129	—	—	0.609	0.576	-0.033	—	—
VISTA DEL MAR at CULVER BLVD	33	1144	1588	1205	—	0.612	0.278	-0.334	—	0.378	0.340	-0.038	—	—	0.369	0.294	-0.075	—	—
*DOUGLAS ST at IMPERIAL HWY	34	2517	2721	2572	—	0.475	0.445	-0.030	—	0.721	0.338	-0.383	—	—	0.639	0.437	-0.202	—	—
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6879	7610	6842	—	1.106	1.025	-0.081	—	1.179	1.108	-0.071	—	—	0.943	0.993	0.050	—	—
VISTA DEL MAR at GRAND AV	36	1824	2632	2077	—	0.911	0.591	-0.320	—	0.478	0.607	0.129	—	—	0.489	0.707	0.217	—	—
LA CIENEGA BLVD at FLORENCE AV	40	5258	4259	5149	Yes	0.767	1.468	0.700	X	0.989	1.024	0.035	X	X	1.455	1.450	-0.005	—	—
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2144	2552	2186	—	1.203	0.842	-0.361	—	0.914	0.839	-0.076	—	—	0.880	0.845	-0.035	—	—
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	4898	5707	4877	—	0.727	0.748	0.021	—	0.833	0.747	-0.086	—	—	0.658	0.635	-0.022	—	—
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5210	4627	4616	Yes	0.639	0.786	0.147	X	0.918	0.667	-0.251	—	—	0.856	0.729	-0.127	—	—
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	3806	1856	3956	—	0.344	0.559	0.315	—	0.291	0.277	-0.013	—	—	0.681	0.674	-0.007	—	—
*MAIN ST at IMPERIAL HWY (1)	47				—	0.807				0.951					0.548				
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4148	4589	3682	—		0.849				0.799					0.794			
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3333	3209	2942	—		0.872				0.709					0.766			
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	2601	3085	2568	—	1.201	0.430	-0.771	—	0.515	0.547	-0.068	—	—	0.408	0.433	0.025	—	—
PERSHING DR at IMPERIAL HWY (3)	49				—	1.307				0.922					0.721				
*SEPULVEDA BLVD at IMPERIAL HWY	50	6135	7815	5788	Yes	0.815	0.849	0.034	X	1.009	1.645	0.636	X	X	0.974	0.804	-0.171	—	—
*VISTA DEL MAR at IMPERIAL HWY	51	1847	3082	2183	Yes	0.835	0.397	-0.448	—	0.557	0.744	0.187	X	X	0.571	0.548	-0.026	—	—
*LA CIENEGA BLVD at IMPERIAL HWY	52	5467	3529	5130	—	0.593	0.577	-0.316	—	0.521	0.497	-0.023	—	—	0.580	0.570	-0.010	—	—
I-405 N/B RAMPS at JEFFERSON BLVD	54	2963	3576	2925	—	0.789	0.548	-0.142	—	0.863	0.848	-0.016	—	—	0.658	0.630	-0.028	—	—
I-405 S/B RAMPS at JEFFERSON BLVD	55	2867	3672	2779	—	0.479	0.414	-0.065	—	0.647	0.653	0.006	—	—	0.423	0.399	-0.024	—	—
LINCOLN BLVD at JEFFERSON BLVD	57	5601	8198	5449	—	0.880	0.813	-0.067	—	1.229	1.037	-0.192	—	—	0.887	0.767	-0.120	—	—
LA CIENEGA BLVD at 111TH ST (3)	67				—	0.407				0.351					0.699				
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2792	2157	2868	—	0.405	0.521	0.116	—	0.555	0.391	-0.163	—	—	0.686	0.495	-0.191	—	—
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1931	1306	2162	—	0.272	0.270	-0.001	—	0.246	0.215	-0.031	—	—	0.418	0.345	-0.072	—	—
LA CIENEGA BLVD at LENNOX BLVD	71	2277	1799	2925	—	0.357	0.423	0.067	—	0.453	0.203	-0.250	—	—	0.840	0.507	-0.333	—	—
LA CIENEGA BLVD at MANCHESTER AV	72	5254	4003	5118	Yes	0.688	1.057	0.369	X	0.818	0.727	-0.092	—	—	1.090	1.031	-0.060	—	—
I-405 N/B RAMPS at LA TIJERA BLVD	78	2234	4827	2243	Yes	0.885	0.552	-0.333	—	0.928	0.948	0.022	X	X	0.850	0.581	-0.089	—	—
I-405 S/B RAMPS at LA TIJERA BLVD	79	2919	4438	2889	—	0.775	0.399	-0.376	—	0.859	0.853	-0.006	—	—	0.412	0.382	-0.030	—	—
LINCOLN BLVD at LA TIJERA BLVD	81	4145	4370	3852	Yes	0.425	0.702	0.278	X	0.486	0.523	0.037	—	—	0.342	0.691	0.349	—	—
LA TIJERA BLVD at MANCHESTER AV	82	3131	3447	2683	—	0.846	0.597	-0.049	—	0.698	0.843	-0.055	—	—	0.626	0.495	-0.131	—	—
SEPULVEDA BLVD at LA TIJERA BLVD	83	3238	6538	2983	Yes	0.807	0.679	-0.128	—	0.859	1.446	0.587	X	X	0.468	0.637	0.169	—	—
LINCOLN BLVD at 83RD ST	87	6591	7451	6385	Yes	0.989	1.385	0.398	X	1.345	1.148	-0.186	—	—	1.347	1.350	0.004	—	—
LINCOLN BLVD at MANCHESTER AV	88	5944	7603	5667	Yes	0.976	1.004	0.027	X	1.440	1.199	-0.241	—	—	0.950	0.983	0.013	—	—
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				—	0.593				0.611					0.510				
LINCOLN BLVD at TEALE ST	94	5074	6163	4860	—	0.483	0.402	-0.061	—	0.580	0.545	-0.034	—	—	0.383	0.389	0.006	—	—
PERSHING DR at MANCHESTER AV	98	794	1996	806	—	0.414	0.150	-0.265	—	0.671	0.499	-0.172	—	—	0.249	0.153	-0.095	—	—
SEPULVEDA BLVD at MANCHESTER AV	99	4364	5893	4214	—	0.993	0.822	-0.170	—	0.992	0.926	-0.065	—	—	0.892	0.807	-0.084	—	—
SEPULVEDA BLVD at MARIPOSA AV	100	5767	7172	5704	Yes	0.764	1.451	0.687	X	0.985	1.289	0.304	X	X	1.060	1.454	0.404	—	—
PERSHING DR at WESTCHESTER PKWY (2)	101	906	3975	3232	—	0.375	0.287	-0.088	—	0.278	0.027	-0.251	—	—	0.133	0.081	-0.072	—	—
SEPULVEDA BLVD at ROSECRANS AV	103	8045	9508	8013	Yes	1.615	1.836	0.221	X	1.738	1.671	-							

# IMPACTS

Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better



		Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK					
INTERSECTIONS	BA ID	AM	PM	AP		NANP	V/C	A/C V/C	A/C - NANP	Pk-Hr Impact	NANP	V/C	A/C V/C	A/C - NANP	Pk-Hr Impact	NANP	V/C	A/C V/C	A/C - NANP
*AIRPORT BLVD at ARBOR VITAE ST	3	4613	4541	4277	---	0.783	0.693	-0.090	---	1.007	0.662	-0.345	---	1.257	0.845	-0.612	---		
AIRPORT BLVD at CENTURY BLVD	4	4106	4764	3591	---	0.526	0.420	-0.107	---	0.569	0.597	0.028	---	0.720	0.547	-0.173	---		
AIRPORT BLVD at LA TIJERA BLVD	5	2547	2829	2685	---	0.564	0.461	-0.103	---	0.574	0.466	-0.108	---	0.697	0.614	-0.082	---		
AIRPORT BLVD at MANCHESTER AV	6	3054	3339	4143	---	0.847	0.521	-0.326	---	0.765	0.588	-0.177	---	0.883	0.759	-0.125	---		
*AVIATION BLVD at ARBOR VITAE ST	7	6599	6904	7314	Yes	0.921	1.641	0.720	X	0.976	1.779	0.803	X	0.886	1.694	0.808	X		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4604	5024	5670	Yes	0.987	1.451	0.464	X	0.783	0.959	0.176	X	0.825	1.215	0.389	X		
AVIATION BLVD at 111TH ST (3)	10	2599	3314	4483	---	0.503	0.527	0.025	---	0.635	0.611	-0.023	---	0.857	0.795	-0.063	---		
*AVIATION BLVD at CENTURY BLVD	11	6711	8588	8009	Yes	0.940	1.497	0.557	X	1.028	1.043	0.015	X	1.853	1.525	-0.328	---		
*AVIATION BLVD at EL SEGUNDO BLVD	12	5127	6275	5498	Yes	1.036	0.980	-0.057	---	1.012	1.029	0.017	X	1.015	1.039	0.024	---		
*AVIATION BLVD at IMPERIAL HWY	13	4825	7269	5205	Yes	0.950	0.904	-0.046	---	1.185	1.352	0.167	X	1.254	1.123	-0.131	---		
AVIATION BLVD at MANCHESTER AV	14	2897	3858	4878	---	1.086	0.818	-0.468	---	0.853	0.778	-0.074	---	1.397	1.211	-0.185	---		
AVIATION BLVD at ROSECRANS AV	15	7045	8420	6734	---	1.291	1.219	-0.072	---	1.506	1.489	-0.017	---	1.370	1.385	0.015	---		
CENTINELA AV at JEFFERSON BLVD	18	4528	5591	3871	Yes	1.110	0.808	-0.222	---	1.077	1.162	0.086	X	0.965	1.014	0.049	---		
SEPULVEDA BLVD at CENTINELA AV	22	5147	6192	4674	---	1.133	1.023	-0.110	---	1.002	0.978	-0.023	---	0.833	0.785	-0.048	---		
*LA CIENEGA BLVD at CENTURY BLVD	26	6034	7223	5261	Yes	0.806	0.868	0.063	X	0.755	0.843	0.088	X	0.564	0.686	0.122	---		
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4436	4786	2236	---	0.789	0.399	-0.400	---	0.884	0.581	-0.313	---	0.748	0.229	-0.517	---		
CULVER BLVD at JEFFERSON BLVD	28	2515	3676	2347	---	0.843	0.641	-0.201	---	1.025	0.885	-0.139	---	0.609	0.565	-0.044	---		
VISTA DEL MAR at CULVER BLVD	33	1104	1858	1339	---	0.612	0.334	-0.277	---	0.378	0.449	0.071	---	0.369	0.339	-0.030	---		
*DOUGLAS ST at IMPERIAL HWY	34	1828	2925	2611	---	0.475	0.299	-0.176	---	0.721	0.375	-0.346	---	0.639	0.444	-0.195	---		
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6156	7743	6865	---	1.106	1.016	-0.090	---	1.179	1.133	-0.046	---	0.843	0.892	0.050	---		
VISTA DEL MAR at GRAND AV	36	2848	2719	2074	---	0.811	0.905	-0.007	---	0.478	0.665	0.187	---	0.489	0.707	0.218	---		
LA CIENEGA BLVD at FLORENCE AV	40	3238	4348	5191	Yes	0.767	0.740	-0.027	---	0.989	1.048	0.059	X	1.455	1.468	0.013	X		
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2592	2595	2187	---	1.203	1.021	-0.182	---	0.914	0.842	-0.072	---	0.880	0.848	-0.032	---		
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6061	5770	4893	Yes	0.727	0.769	0.042	X	0.833	0.767	-0.076	---	0.658	0.635	-0.023	---		
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4716	4754	4628	Yes	0.639	0.786	0.147	X	0.918	0.679	-0.239	---	0.856	0.728	-0.128	---		
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1925	1854	3965	---	0.344	0.293	-0.051	---	0.291	0.277	-0.014	---	0.681	0.675	-0.006	---		
*MAIN ST at IMPERIAL HWY (1)	47				---	0.807				0.951				0.548					
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2615	2918	2503	---		0.639				0.752			0.591					
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	2193	2001	2318	---		0.580				0.531			0.527					
*I-105 FWY WB OFFRAMP ST at IMPERIAL HWY	48	3747	3255	2588	Yes	1.201	1.223	0.022	X	0.615	0.564	-0.051	---	0.408	0.428	0.020	---		
PERSHING DR at IMPERIAL HWY (3)	49				---	1.307				0.922				0.721					
*SEPULVEDA BLVD at IMPERIAL HWY	50	6453	7944	5741	Yes	0.815	1.155	0.340	X	1.009	1.611	0.503	X	0.974	0.780	-0.195	---		
*VISTA DEL MAR at IMPERIAL HWY	51	3113	3221	2204	Yes	0.835	1.108	0.273	X	0.557	0.751	0.194	X	0.571	0.511	-0.060	---		
*LA CIENEGA BLVD at IMPERIAL HWY	52	3218	3652	5127	---	0.893	0.566	-0.327	---	0.521	0.513	-0.007	---	0.580	0.566	-0.014	---		
I-405 N/B RAMPS at JEFFERSON BLVD	54	2953	3650	2686	Yes	0.789	0.764	-0.025	---	0.863	0.887	0.023	X	0.658	0.622	-0.037	---		
I-405 S/B RAMPS at JEFFERSON BLVD	55	3255	3825	2808	---	0.479	0.494	0.015	---	0.647	0.666	0.019	---	0.423	0.401	-0.022	---		
LINCOLN BLVD at JEFFERSON BLVD	57	6275	8266	5546	Yes	0.880	0.954	0.074	X	1.229	1.080	-0.169	---	0.887	0.795	-0.092	---		
LA CIENEGA BLVD at 111TH ST (3)	67				---	0.407				0.351				0.699					
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1682	2189	2853	---	0.405	0.326	-0.081	---	0.555	0.405	-0.149	---	0.686	0.491	-0.195	---		
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1306	1312	2191	---	0.272	0.241	-0.031	---	0.246	0.214	-0.032	---	0.418	0.355	-0.062	---		
LA CIENEGA BLVD at LENNOX BLVD	71	1620	1832	2637	---	0.367	0.216	-0.151	---	0.453	0.210	-0.243	---	0.840	0.508	-0.334	---		
LA CIENEGA BLVD at MANCHESTER AV	72	3284	4096	5130	---	0.688	0.673	-0.015	---	0.819	0.731	-0.088	---	1.090	1.016	-0.075	---		
I-405 N/B RAMPS at LA TIJERA BLVD	78	4310	4700	2243	Yes	0.885	0.905	0.020	X	0.926	0.947	0.021	X	0.650	0.556	-0.094	---		
I-405 S/B RAMPS at LA TIJERA BLVD	79	4096	4546	2932	---	0.775	0.772	-0.003	---	0.859	0.831	-0.028	---	0.412	0.373	-0.039	---		
LINCOLN BLVD at LA TIJERA BLVD	81	4482	5450	4185	Yes	0.425	0.614	0.190	---	0.486	0.771	0.285	X	0.342	0.836	0.495	---		
LA TIJERA BLVD at MANCHESTER AV	82	2838	3722	2892	---	0.646	0.542	-0.103	---	0.688	0.668	-0.031	---	0.626	0.546	-0.080	---		
SEPULVEDA BLVD at LA TIJERA BLVD	83	5859	6294	2883	Yes	0.807	1.409	0.602	X	0.859	1.347	0.488	X	0.468	0.545	0.077	---		
LINCOLN BLVD at 83RD ST	87	5799	7799	6459	Yes	0.989	1.068	0.079	X	1.345	1.118	-0.226	---	1.347	1.370	0.023	---		
LINCOLN BLVD at MANCHESTER AV	88	5643	8427	5825	---	0.976	0.714	-0.262	---	1.440	1.286	-0.154	---	0.950	0.955	0.005	---		
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				---	0.593				0.611				0.510					
LINCOLN BLVD at TEALE ST	94	4997	6281	4998	---	0.463	0.564	0.101	---	0.580	0.536	-0.044	---	0.383	0.390	0.007	---		
PERSHING DR at MANCHESTER AV	98	1668	2624	907	Yes	0.414	0.538	0.124	---	0.671	1.365	0.695	X	0.249	0.322	0.074	---		
SEPULVEDA BLVD at MANCHESTER AV	99	5816	6074	4299	Yes	0.993	1.024	0.031	X	0.982	0.982	-0.009	---	0.892	0.818	-0.074	---		
SEPULVEDA BLVD at MARIPOSA AV	100	5901	7173	5704	Yes	0.764	0.791	0.027	---	0.685	1.297	0.312	X	1.060	1.468	0.408	---		
PERSHING DR at WESTCHESTER PKWY (2)	101	3950	4516	3265	---	0.375	0.033	-0.342	---	0.278	0.039	-0.239	---	0.133	0.048	-0.085	---		
SEPULVEDA BLVD at ROSECRANS AV	103	8085	9593	8034	---	1.615	1.543	-0.073	---	1.738	1.678	-0.060	---	1.843	1.839	-0.004	---		
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4469	3678	3807	---	1.281	1.021	-0.240	---	1.033	0.835	-0.199	---	1.100	0.871	-0.229	---		
SEPULVEDA BLVD at 76TH/77TH ST	106	4745	4380	4014	Yes	0.722	0.823	0.100	X	0.660	0.681	0.021	---	0.899	0.661	-0.028	---		
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109				---	0.837				0.947				0.569					
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTIO	109A	4650	4538	2121	---		0.843				0.810			0.415					
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTIO	109B	4808	5300	242															

# IMPACTS  
Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesigned for 2005 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better

Los Angeles International Airport Master Plan																																		
2005 PHASE 3F - ALTERNATIVE C VS. NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS																																		
No.	Link Location	Significant Impact	AM PEAK HOUR																PM PEAK HOUR								AIRPORT PEAK HOUR							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB											
			NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact								
1	Lincoln Boulevard	n/o Venice Boulevard**	-	0.714	0.736	0.021	---	0.842	0.792	-0.050	---	0.865	0.865	0.000	---	0.829	0.829	0.000	---	0.692	0.685	-0.007	---	0.742	0.718	-0.024	---							
2	Centinela Avenue	n/o Venice Boulevard**	-	0.887	0.887	-0.001	---	0.605	0.593	-0.012	---	0.765	0.748	-0.018	---	0.622	0.806	-0.015	---	0.651	0.654	0.003	---	0.788	0.736	-0.052	---							
3	Sawtelle Boulevard	n/o Venice Boulevard**	-	0.454	0.454	0.001	---	0.549	0.499	-0.050	---	0.465	0.425	-0.040	---	0.602	0.621	0.019	---	0.493	0.442	-0.051	---	0.589	0.534	-0.045	---							
4	Sepulveda Boulevard	n/o Venice Boulevard**	Yes	0.848	0.863	0.015	---	0.857	0.823	-0.034	---	0.839	0.858	0.019	---	0.836	0.822	-0.015	---	0.798	0.869	0.071	X	0.916	0.881	-0.045	---							
5	Overland Avenue	n/o Venice Boulevard**	-	0.870	0.892	0.022	---	0.940	0.871	-0.069	---	0.828	0.814	-0.014	---	1.121	1.116	-0.005	---	0.822	0.822	0.000	---	0.969	0.942	-0.026	---							
6	Stocker Street	n/o La Brea Avenue	-	0.438	0.449	0.012	---	0.446	0.399	-0.057	---	0.535	0.505	-0.030	---	0.405	0.405	0.001	---	0.487	0.491	0.004	---	0.511	0.491	-0.020	---							
7	Stanton Avenue	n/o La Brea Avenue	-	0.382	0.396	0.014	---	0.679	0.573	-0.006	---	0.609	0.619	0.010	---	0.468	0.467	-0.003	---	0.392	0.362	0.000	---	0.342	0.338	-0.004	---							
8	Centinela Avenue	n/o La Brea Avenue	-	0.366	0.371	0.003	---	0.976	0.859	-0.017	---	0.656	0.552	-0.004	---	1.155	1.156	0.001	---	0.668	0.689	0.022	---	0.532	0.514	-0.018	---							
9	La Cienega Boulevard	n/o Stanton Avenue	-	0.547	0.545	-0.002	---	0.529	0.506	-0.023	---	0.616	0.609	-0.009	---	0.551	0.556	0.005	---	0.379	0.372	-0.008	---	0.435	0.395	-0.010	---							
10	Manchester Boulevard	n/o La Brea Avenue	-	0.471	0.487	0.018	---	0.538	0.494	-0.044	---	0.577	0.559	-0.018	---	0.576	0.596	0.021	---	0.449	0.446	-0.002	---	0.516	0.518	0.002	---							
11	Asher Villa Street	n/o La Brea Avenue	-	0.290	0.319	0.029	---	0.303	0.269	-0.034	---	0.401	0.382	-0.019	---	0.482	0.499	0.016	---	0.556	0.551	-0.005	---	0.370	0.374	0.004	---							
12	Century Boulevard	n/o La Brea Avenue	-	0.420	0.457	0.036	---	0.512	0.473	-0.039	---	0.635	0.607	-0.027	---	0.442	0.436	-0.007	---	0.425	0.387	-0.038	---	0.404	0.381	-0.022	---							
13	Imperial Highway	n/o La Brea Avenue	-	0.388	0.284	-0.005	---	0.378	0.307	-0.071	---	0.546	0.494	-0.052	---	0.293	0.559	-0.034	---	0.459	0.443	-0.016	---	0.551	0.567	0.016	---							
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.622	0.577	-0.045	---	0.239	0.282	0.043	---	0.384	0.387	0.003	---	0.661	0.613	-0.048	---	0.373	0.374	0.001	---	0.284	0.290	0.006	---							
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	0.918	0.845	-0.073	---	0.261	0.281	0.020	---	0.449	0.458	0.009	---	0.794	0.785	-0.009	---	3.502	0.487	-0.015	---	0.518	0.495	-0.021	---							
16	Pacific Avenue	n/o Venice Boulevard**	-	0.203	0.234	0.031	---	0.457	0.411	-0.056	---	0.286	0.279	-0.007	---	0.390	0.398	0.008	---	3.372	0.363	-0.009	---	0.478	0.432	-0.046	---							
17	Washington Boulevard	n/o Lincoln Boulevard**	-	0.633	0.627	-0.005	---	0.407	0.414	0.007	---	0.579	0.567	-0.012	---	0.421	0.417	-0.004	---	3.723	0.318	-0.001	---	0.492	0.456	-0.034	---							
18	MacArthur Freeway	n/o Lincoln Boulevard**	-	0.260	0.253	-0.007	---	0.288	0.245	-0.042	---	0.338	0.325	-0.013	---	0.278	0.275	-0.003	---	3.347	0.337	-0.010	---	0.298	0.293	-0.005	---							
19	Culver Boulevard	n/o Lincoln Boulevard	-	0.421	0.437	0.016	---	0.113	0.101	-0.012	---	0.285	0.288	0.004	---	0.385	0.435	0.049	---	0.377	0.385	0.008	---	0.371	0.371	0.001	---							
20	Jefferson Avenue	n/o Lincoln Boulevard**	-	0.492	0.469	-0.023	---	0.329	0.338	0.009	---	0.453	0.412	-0.041	---	0.845	0.798	-0.047	---	2.155	0.148	-0.007	---	0.391	0.383	-0.008	---							
21	Lincoln Boulevard	n/o Jefferson Avenue**	Yes	0.636	0.780	0.144	X	0.390	0.373	-0.017	---	0.850	0.917	0.067	---	0.619	0.634	0.021	---	0.565	0.591	0.016	---	0.505	0.578	0.072	---							
22	Culver Boulevard	n/o Jefferson Avenue**	-	0.655	0.585	-0.081	---	0.279	0.252	-0.026	---	0.476	0.459	-0.017	---	0.745	0.771	0.025	---	0.389	0.371	-0.019	---	0.425	0.419	-0.007	---							
23	Vista Del Mar	n/o Culver Boulevard**	-	0.379	0.151	-0.228	---	0.165	0.108	-0.057	---	0.238	0.193	-0.045	---	0.393	0.559	-0.033	---	0.274	0.218	-0.055	---	0.231	0.214	-0.017	---							
24	La Brea Avenue	n/o Stanton Avenue	-	0.607	0.623	0.016	---	0.415	0.378	-0.037	---	0.590	0.579	-0.011	---	0.586	0.589	0.013	---	0.484	0.479	-0.006	---	0.534	0.535	0.001	---							
25	Jefferson Boulevard	n/o Radnor Road	-	0.371	0.384	0.013	---	0.681	0.633	-0.048	---	0.491	0.460	-0.031	---	0.456	0.439	-0.024	---	0.131	0.123	-0.008	---	0.822	0.601	-0.021	---							
26	Sepulveda Boulevard	n/o Stanton Avenue	-	0.858	0.819	-0.041	---	0.399	0.320	-0.080	---	0.631	0.561	-0.070	---	0.740	0.725	-0.015	---	0.444	0.430	-0.014	---	0.468	0.384	-0.083	---							
27	Centinela Avenue	n/o Sepulveda Boulevard	-	0.311	0.285	-0.016	---	0.669	0.585	-0.084	---	0.613	0.591	-0.022	---	0.522	0.456	-0.065	---	0.404	0.423	0.016	---	0.506	0.571	-0.035	---							
28	El Segundo Boulevard	n/o Hawthorne Boulevard	-	0.193	0.208	0.015	---	0.529	0.496	-0.034	---	0.763	0.738	-0.025	---	0.377	0.392	0.015	---	0.672	0.593	0.021	---	0.635	0.844	0.009	---							
29	Inglewood Avenue	n/o Rosecrans Avenue	-	0.479	0.435	-0.044	---	0.355	0.399	-0.046	---	0.499	0.493	-0.006	---	0.815	0.811	-0.004	---	0.471	0.474	0.004	---	0.287	0.296	0.009	---							
30	Vista Del Mar	n/o Grand Avenue	-	0.843	0.740	-0.103	---	0.146	0.203	0.057	---	0.181	0.231	0.050	---	0.537	0.554	0.017	---	0.304	0.305	0.002	---	0.202	0.208	0.006	---							
# IMPACTS			2																															

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## 2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AIRPORT PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.714	0.737	0.023	---	0.842	0.809	-0.033	---	0.866	0.867	0.001	---	0.829	0.839	0.010	---	0.692	0.690	-0.001	---	0.742	0.712	-0.030	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.687	0.886	-0.001	---	0.635	0.591	-0.014	---	0.765	0.738	-0.027	---	0.622	0.828	0.004	---	0.651	0.650	-0.002	---	0.788	0.740	-0.048	---
3	Sawtelle Boulevard	s/o Venice Boulevard**	-	0.454	0.456	0.002	---	0.549	0.510	-0.043	---	0.465	0.424	-0.041	---	0.602	0.629	0.027	---	0.493	0.443	-0.051	---	0.599	0.618	0.023	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	-	0.848	0.861	0.014	---	0.657	0.619	-0.038	---	0.839	0.844	0.005	---	0.838	0.832	-0.005	---	0.796	0.659	0.062	---	0.816	0.853	-0.057	---
5	Owens Avenue	s/o Venice Boulevard**	Yes	0.870	0.897	0.027	---	0.940	0.883	-0.057	---	0.828	0.811	-0.015	---	1.121	1.151	0.030	X	0.922	0.802	-0.021	---	0.969	0.953	-0.015	---
6	Stocker Street	s/o La Brea Avenue	-	0.438	0.451	0.014	---	0.446	0.395	-0.051	---	0.535	0.516	-0.017	---	0.435	0.423	0.016	---	0.497	0.498	0.001	---	0.511	0.491	-0.023	---
7	Simson Avenue	s/o La Brea Avenue	-	0.392	0.399	0.017	---	0.679	0.680	0.000	---	0.609	0.607	-0.003	---	0.469	0.478	0.009	---	0.362	0.369	0.007	---	0.342	0.348	0.006	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.366	0.376	0.010	---	0.676	0.658	-0.018	---	0.656	0.652	-0.005	---	1.155	1.149	-0.006	---	0.668	0.695	0.018	---	0.532	0.514	-0.018	---
9	La Cienega Boulevard	s/o Simson Avenue	-	0.547	0.548	0.000	---	0.529	0.504	-0.025	---	0.618	0.600	-0.019	---	0.551	0.572	0.022	---	0.379	0.373	-0.006	---	0.405	0.397	-0.008	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.471	0.497	0.025	---	0.538	0.435	-0.043	---	0.577	0.568	-0.019	---	0.576	0.604	0.029	---	0.448	0.450	0.004	---	0.516	0.524	0.008	---
11	Aztec Village Street	w/o La Brea Avenue	-	0.260	0.322	0.032	---	0.303	0.278	-0.025	---	0.431	0.388	-0.012	---	0.482	0.516	0.034	---	0.556	0.568	0.001	---	0.370	0.378	0.008	---
12	Century Boulevard	w/o La Brea Avenue	-	0.420	0.458	0.038	---	0.512	0.472	-0.040	---	0.635	0.607	-0.028	---	0.442	0.456	0.014	---	0.425	0.382	-0.043	---	0.434	0.375	-0.029	---
13	Imperial Highway	w/o La Brea Avenue	-	0.288	0.271	-0.017	---	0.378	0.304	0.073	---	0.546	0.468	-0.049	---	0.293	0.288	-0.025	---	0.459	0.439	-0.019	---	0.551	0.577	0.025	---
14	Aviation Boulevard	s/o Rosecrans Avenue	-	0.622	0.579	-0.044	---	0.239	0.281	0.042	---	0.384	0.384	0.011	---	0.561	0.611	-0.050	---	0.373	0.377	0.004	---	0.284	0.292	0.007	---
15	Sepulveda Boulevard	s/o Rosecrans Avenue	-	0.918	0.846	-0.073	---	0.261	0.281	0.020	---	0.449	0.489	0.020	---	0.794	0.780	-0.014	---	0.522	0.491	-0.011	---	0.516	0.495	-0.021	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.223	0.235	0.032	---	0.467	0.407	-0.060	---	0.286	0.289	-0.019	---	0.190	0.432	0.012	---	0.372	0.364	-0.008	---	0.476	0.446	-0.032	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.633	0.623	-0.009	---	0.407	0.416	0.009	---	0.579	0.561	-0.019	---	0.421	0.423	0.002	---	0.321	0.316	-0.005	---	0.492	0.496	0.004	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.280	0.250	-0.010	---	0.268	0.243	-0.025	---	0.338	0.323	-0.015	---	0.278	0.278	0.000	---	0.347	0.336	-0.011	---	0.298	0.297	-0.002	---
19	Culver Boulevard	s/o Lincoln Boulevard	-	0.421	0.423	0.002	---	0.113	0.103	0.010	---	0.285	0.276	-0.008	---	0.386	0.454	0.078	---	0.377	0.384	0.006	---	0.371	0.352	-0.019	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.492	0.491	-0.011	---	0.329	0.346	0.015	---	0.453	0.393	-0.054	---	0.845	0.812	-0.033	---	0.156	0.159	0.003	---	0.331	0.412	0.021	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.636	0.782	0.146	X	0.390	0.373	-0.017	---	0.850	0.803	-0.057	---	0.613	0.670	0.057	---	0.565	0.579	0.014	---	0.600	0.588	-0.012	---
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.665	0.573	-0.093	---	0.279	0.248	-0.031	---	0.476	0.395	-0.081	---	0.746	0.793	0.347	---	0.389	0.393	-0.026	---	0.426	0.411	-0.015	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.379	0.168	-0.211	---	0.165	0.112	-0.053	---	0.228	0.269	0.060	---	0.393	0.372	0.020	---	0.274	0.248	-0.025	---	0.231	0.231	0.000	---
24	La Brea Avenue	s/o Simson Avenue	-	0.607	0.620	0.014	---	0.415	0.385	-0.030	---	0.590	0.571	-0.019	---	0.596	0.596	0.010	---	0.484	0.479	-0.006	---	0.534	0.547	0.013	---
25	Jefferson Boulevard	s/o Rodeo Road	-	0.371	0.353	-0.008	---	0.681	0.636	0.045	---	0.491	0.462	-0.028	---	0.458	0.454	-0.003	---	0.131	0.123	-0.008	---	0.622	0.594	-0.026	---
26	Sepulveda Boulevard	s/o Simson Avenue	-	0.858	0.827	-0.031	---	0.369	0.317	-0.052	---	0.631	0.575	-0.056	---	0.740	0.737	-0.003	---	0.444	0.418	-0.026	---	0.468	0.392	-0.075	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.311	0.298	-0.013	---	0.669	0.598	-0.072	---	0.613	0.532	-0.284	---	0.522	0.517	-0.004	---	0.404	0.416	0.013	---	0.506	0.579	-0.027	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.193	0.203	0.010	---	0.529	0.497	-0.032	---	0.783	0.736	-0.026	---	0.377	0.398	0.021	---	0.672	0.686	0.014	---	0.835	0.841	0.005	---
29	Ingleside Avenue	s/o Hawthorne Avenue	-	0.479	0.434	-0.045	---	0.355	0.338	-0.017	---	0.499	0.517	0.018	---	0.615	0.799	-0.016	---	0.471	0.473	0.002	---	0.287	0.292	0.005	---
30	Vista Del Mar	s/o Grand Avenue	-	0.843	0.745	-0.098	---	0.146	0.200	0.054	---	0.181	0.255	0.074	---	0.597	0.538	0.001	---	0.324	0.326	0.002	---	0.202	0.235	0.034	---
# IMPACTS			2																								

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan																										
2005 PHASE 3F - ALTERNATIVE C VS. NO ACTION/NO PROJECT/ALTERNATIVE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
			NB/E				SB/WB				NB/E				SB/WB				NB/E				SB/WB			
			NAMP VC	Alter C VC	Alter C Adj.Env.	Pk Hr Impact	NAMP VC	Alter C VC	Alter C Adj.Env.	Pk Hr Impact	NAMP VC	Alter C VC	Alter C Adj.Env.	Pk Hr Impact	NAMP VC	Alter C VC	Alter C Adj.Env.	Pk Hr Impact	NAMP VC	Alter C VC	Alter C Adj.Env.	Pk Hr Impact	NAMP VC	Alter C VC	Alter C Adj.Env.	Pk Hr Impact
1	Interstate 405 n/o Venice Blvd. HOV	Yes -	0.779	0.699	0.120	—	0.766	0.948	0.162	—	0.870	1.048	0.179	X	0.717	0.505	0.188	—	0.934	1.127	0.173	X	0.913	1.082	0.169	X
			0.875	0.694	0.019	—	0.869	0.794	-0.085	—	0.953	0.674	-0.079	—	0.789	0.730	-0.039	—	1.020	0.862	-0.158	—	1.216	1.152	-0.064	—
2	Interstate 405 n/o La Tijera Blvd. HOV	Yes -	0.925	1.019	0.094	X	1.062	1.210	0.148	X	1.074	1.227	0.154	X	0.979	1.140	0.145	X	1.118	1.266	0.149	X	0.979	1.147	0.169	—
			0.929	0.870	-0.059	—	0.861	0.851	-0.011	—	1.147	1.074	-0.074	—	0.941	0.836	-0.085	—	1.126	1.006	-0.121	—	1.099	1.093	-0.006	—
3	Interstate 405 s/o Pasadena Ave. HOV	Yes -	1.081	1.079	-0.012	—	0.864	0.935	0.071	—	0.949	0.967	0.038	—	1.171	1.169	-0.002	—	1.124	1.136	0.013	—	1.045	1.078	0.033	—
			1.018	1.021	0.002	—	0.540	0.578	0.039	—	0.891	0.894	0.003	—	0.910	0.931	0.021	—	1.091	1.107	0.017	X	0.862	0.919	0.057	—
4	Interstate 105 n/o Crenshaw Blvd. HOV	Yes -	0.748	0.763	0.035	—	0.988	0.970	-0.018	—	0.894	0.880	-0.004	—	0.891	0.874	-0.017	—	0.536	0.533	0.018	—	0.592	0.630	0.008	—
			0.576	0.531	0.055	—	0.954	0.970	0.016	—	1.086	1.107	0.021	X	0.715	0.842	0.128	—	0.957	0.966	0.030	—	1.110	1.123	0.013	—
# IMPACTS		4																								

Los Angeles International Airport Master Plan																										
2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj. Env. V/C	Alter. C V/C	Alter. C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C V/C	Alter. C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C V/C	Alter. C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C V/C	Alter. C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C V/C	Alter. C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C V/C	Alter. C Adj. Env.	Pk Hr Impact
1	Interstate 405 n/o Ventura Blvd. HOV	Yes	0.779	0.901	0.122	---	0.786	0.948	0.161	---	0.870	1.042	0.172	X	0.717	0.918	0.201	---	0.954	1.124	0.170	X	0.813	1.033	0.170	X
		-	0.675	0.892	0.017	---	0.869	0.799	-0.070	---	0.953	0.883	-0.072	---	0.789	0.711	-0.078	---	1.020	0.862	-0.158	---	1.216	1.139	-0.077	---
2	Interstate 405 n/o La Tijera Blvd. HOV	Yes	0.925	1.018	0.094	X	1.062	1.216	0.154	X	1.074	1.243	0.169	X	0.985	1.139	0.144	X	1.118	1.354	0.237	X	0.979	1.155	0.176	---
		-	0.929	0.970	-0.059	---	0.861	0.849	-0.013	---	1.147	1.078	-0.072	---	0.941	0.870	-0.071	---	1.126	0.985	-0.142	---	1.099	1.054	-0.045	---
3	Interstate 405 s/o Rosecrans Ave. HOV	-	1.091	1.079	-0.012	---	0.864	0.937	0.073	---	0.949	0.986	0.037	---	1.171	1.169	-0.002	---	1.124	1.136	0.012	---	0.862	0.912	0.050	---
		-	1.018	1.015	-0.003	---	0.540	0.580	0.041	---	0.991	0.935	0.044	---	0.910	0.922	0.012	---	0.991	1.101	0.011	---	0.862	0.912	0.050	---
4	Interstate 115 s/o Chatsworth Blvd. HOV	Yes	0.748	0.767	0.019	---	0.958	0.970	-0.018	---	0.884	0.872	-0.006	---	0.891	0.879	-0.012	---	0.936	0.953	0.016	---	0.952	0.603	0.011	---
		-	0.576	0.633	0.057	---	0.954	0.879	0.025	---	1.086	1.110	0.023	X	0.715	0.914	0.200	---	0.957	0.985	0.028	---	1.110	1.129	0.019	X
# IMPACTS		3																								

Los Angeles International Airport Master Plan																										
2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj. Env. V/C	Alter C V/C	Alter C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C-Adj. Env.	Pk Hr Impact
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.779	0.901	0.122	---	0.786	0.948	0.161	---	0.870	1.042	0.172	X	0.717	0.918	0.201	---	0.954	1.124	0.170	X	0.813	1.033	0.170	X
		-	0.675	0.892	0.017	---	0.869	0.799	-0.070	---	0.953	0.883	-0.072	---	0.789	0.711	-0.078	---	1.020	0.862	-0.158	---	1.216	1.139	-0.077	---
2	Interstate 405 n/o La Tijera Blvd. HOV	Yes	0.925	1.018	0.094	X	1.062	1.216	0.154	X	1.074	1.243	0.169	X	0.985	1.139	0.144	X	1.118	1.354	0.237	X	0.979	1.155	0.176	---
		-	0.929	0.970	-0.059	---	0.861	0.849	-0.013	---	1.147	1.078	-0.072	---	0.941	0.870	-0.071	---	1.126	0.985	-0.142	---	1.099	1.054	-0.045	---
3	Interstate 405 s/o Rosecrans Ave. HOV	-	1.091	1.079	-0.012	---	0.864	0.937	0.073	---	0.949	0.986	0.037	---	1.171	1.169	-0.002	---	1.124	1.136	0.012	---	0.862	0.912	0.050	---
		-	1.018	1.015	-0.003	---	0.540	0.580	0.041	---	0.991	0.935	0.054	---	0.910	0.922	0.012	---	0.991	1.101	0.011	---	0.862	0.912	0.050	---
4	Interstate 115 s/o Chatsworth Blvd. HOV	Yes	0.748	0.767	0.019	---	0.958	0.970	-0.018	---	0.884	0.872	-0.006	---	0.891	0.879	-0.012	---	0.936	0.953	0.016	---	0.952	0.903	0.011	---
		-	0.576	0.633	0.057	---	0.954	0.879	0.075	---	1.086	1.110	0.023	X	0.715	0.914	0.200	---	0.957	0.985	0.028	---	1.110	1.129	0.019	X
# IMPACTS		3																								

## Los Angeles International Airport Master Plan

## # IMPACTS

Los Angeles International Airport Master Plan  
2005 PHASE 3F - ALTERNATIVE C (W/FINAL MITIGATION) VS. NO ACTION/NO PROJECT ALTERNATIVE FREEWAY RAMP LEVEL OF SERVICE COMPARISONS

No. Freeway Ramps			Significant Impacts	AM Peak Hour				PM Peak Hour				Airport Peak Hour			
				NANP V/C	ALT. C V/C	ALT. C- NANP	Pk Hr Impact	NANP V/C	ALT. C V/C	ALT. C- NANP	Pk Hr Impact	NANP V/C	ALT. C V/C	ALT. C- NANP	Pk Hr Impact
1	405 NB off-ramp	at Sepulveda Blvd.	-	0.471	0.464	-0.007	---	0.473	0.492	0.019	---	0.765	0.749	-0.016	---
2	405 SB off-ramp	at Howard Hughes Pkwy.	-	0.200	0.205	0.005	---	0.248	0.261	0.014	---	0.257	0.243	-0.014	---
3	405 SB on-ramp	at Howard Hughes Pkwy.	-	0.183	0.162	-0.021	---	0.547	0.439	-0.107	---	0.422	0.400	-0.022	---
4	405 NB off-ramp	at Howard Hughes Pkwy.	-	0.185	0.174	-0.011	---	0.184	0.187	0.003	---	0.206	0.183	-0.023	---
5	405 NB on-ramp	at Howard Hughes Pkwy.	-	0.571	0.808	0.237	---	0.497	0.555	0.058	---	0.373	0.413	0.040	---
6	405 SB off-ramp	at La Tijera Blvd.	-	0.344	0.355	0.011	---	0.469	0.495	0.027	---	0.405	0.366	-0.039	---
7	405 SB on-ramp	at La Tijera Blvd.	-	0.502	0.486	-0.016	---	0.497	0.464	-0.033	---	0.227	0.231	0.004	---
8	405 NB off-ramp	at La Tijera Blvd.	-	0.530	0.516	-0.014	---	0.569	0.571	0.002	---	0.301	0.268	-0.033	---
9	405 NB on-ramp	at La Tijera Blvd.	-	0.449	0.492	0.043	---	0.411	0.416	0.005	---	0.320	0.315	-0.005	---
10	405 NB on-ramp	at Manchester Blvd. East	-	0.310	0.352	0.042	---	0.487	0.487	0.020	---	0.299	0.407	0.107	---
11	405 NB on-ramp	at Manchester Blvd. West	-	0.305	0.326	0.021	---	0.348	0.381	0.033	---	0.394	0.437	0.043	---
12	405 NB off-ramp	at Manchester Blvd.	-	0.927	0.885	-0.042	---	0.633	0.606	-0.027	---	0.786	0.767	-0.019	---
13	405 SB on-ramp	at Manchester Blvd.	-	0.625	0.519	-0.106	---	0.861	0.733	-0.127	---	0.601	0.419	-0.182	---
14	405 SB off-ramp	at La Cienega Blvd. (n/o Century Blvd.)	Yes	0.741	0.782	0.041	---	0.639	0.729	0.090	---	0.832	1.046	0.214	X
15	405 SB on-ramp	at La Cienega Blvd. (n/o Century Blvd.)	-	0.232	0.222	-0.010	---	0.328	0.253	-0.075	---	0.323	0.293	-0.031	---
16	405 SB off-ramp	at La Cienega Blvd. (s/o Century Blvd.)	-	0.299	0.271	-0.028	---	0.342	0.211	-0.131	---	0.269	0.233	-0.036	---
17	405 SB on-ramp	at La Cienega Blvd. (s/o Century Blvd.)	-	0.423	0.241	-0.182	---	0.667	0.460	-0.207	---	0.545	0.296	-0.249	---
18	405 NB off-ramp	at Century Blvd.	-	0.956	0.937	-0.019	---	0.555	0.531	-0.025	---	0.447	0.393	-0.054	---
19	405 NB on-ramp	at Century Blvd. EB	-	0.305	0.419	0.115	---	0.549	0.861	0.312	---	0.193	0.359	0.166	---
20	405 NB on-ramp	at Century Blvd. WB	-	0.408	0.441	0.033	---	0.284	0.302	0.018	---	0.314	0.359	0.045	---
21	405 SB off-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.233	0.243	0.011	---	0.097	0.112	0.015	---	0.222	0.216	-0.006	---
22	405 SB on-ramp	at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.129	0.109	-0.019	---	0.133	0.121	-0.012	---	0.175	0.186	0.011	---
23	405 SB off-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.133	0.153	0.020	---	0.183	0.193	0.011	---	0.251	0.266	0.015	---
24	405 SB on-ramp	at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.053	0.053	0.000	---	0.199	0.199	0.000	---	0.003	0.005	0.002	---
25	405 SB off-ramp	El Segundo Blvd.	-	0.439	0.324	-0.115	---	0.153	0.069	-0.084	---	0.195	0.163	-0.031	---
26	405 SB on-ramp	El Segundo Blvd.	-	0.225	0.187	-0.038	---	1.048	0.955	-0.093	---	0.295	0.331	0.036	---
27	405 NB off-ramp	El Segundo Blvd.	-	0.699	0.521	-0.178	---	0.493	0.399	-0.094	---	0.387	0.367	-0.019	---
28	405 NB on-ramp	El Segundo Blvd. EB	-	0.155	0.175	0.020	---	0.430	0.432	0.002	---	0.211	0.215	0.003	---
29	405 NB on-ramp	El Segundo Blvd. WB	-	0.245	0.248	0.003	---	0.201	0.213	0.012	---	0.298	0.316	0.018	---
30	105 EB on-ramp	Sepulveda Blvd. SB	-	0.465	0.396	-0.069	---	0.829	0.598	-0.232	---	0.545	0.399	-0.146	---
31	105 EB on-ramp	Imperial Highway (w/o Sepulveda Blvd.)	-	0.244	0.522	0.278	---	0.405	0.720	0.315	---	0.302	0.658	0.355	---
32	105 WB off-ramp	Sepulveda Blvd. NB	-	0.997	0.727	-0.270	---	0.792	0.615	-0.176	---	0.867	0.753	-0.113	---
33	105 WB off-ramp	Sepulveda Blvd. SB	-	0.543	0.431	-0.112	---	0.338	0.246	-0.092	---	0.573	0.357	-0.217	---
34	105 EB on-ramp	Imperial Highway (e/o Sepulveda Blvd.)	-	0.605	0.515	-0.090	---	0.623	0.590	-0.033	---	0.661	0.514	-0.147	---
35	105 WB off-ramp	Nash St.	-	1.180	1.033	-0.147	---	0.215	0.180	-0.035	---	0.589	0.453	-0.135	---
36	105 EB on-ramp	Imperial Highway (e/o Hawthorne Blvd.)	-	0.565	0.559	-0.006	---	0.623	0.601	-0.021	---	0.583	0.535	-0.048	---
37	105 EB on-ramp	Hawthorne Blvd. SB	-	0.233	0.183	-0.051	---	0.233	0.233	0.001	---	0.199	0.144	-0.055	---
38	105 WB off-ramp	Hawthorne Blvd.	-	0.652	0.614	-0.038	---	0.785	0.739	-0.046	---	0.421	0.423	0.001	---
39	105 EB On-ramp	Atwood Wy (Bet Nash/Douglas)	-	0.123	0.075	-0.048	---	0.508	0.447	-0.061	---	0.379	0.351	-0.028	---
# IMPACTS			1												

INTERSECTIONS	BA ID	Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3				—	0.669			—	0.917			—	0.974			—
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	3875	4129	5045	—		0.611		—		0.947		—		0.824		—
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	3930	3399	4046	—		0.774		—		0.651		—		0.861		—
AIRPORT BLVD at CENTURY BLVD	4	5057	5130	4105	Yes	0.485	0.884	0.399	X	0.663	0.626	-0.037	—	0.753		-0.034	—
AIRPORT BLVD at LA TIJERA BLVD	5	2535	3055	3081	—	0.579	0.457	-0.121	—	0.581	0.572	-0.009	—	0.754		-0.065	—
AIRPORT BLVD at MANCHESTER AV	6	3530	3871	4504	Yes	0.793	0.745	-0.048	—	0.668	0.783	-0.085	—	0.987	1.043	0.057	X
*AVIATION BLVD at ARBOR VITAE ST (1)	7				—	0.745			—	0.973			—	0.913			—
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	4689	5363	5119	—		0.910		—		1.216		—		0.825		—
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	3586	3959	4118	—		0.814		—		0.940		—		0.885		—
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5504	7271	6396	Yes	0.949	1.639	0.690	X	0.944	1.714	0.770	X	0.893	1.312	0.419	—
AVIATION BLVD at 111TH ST (3)	10				—	0.432			—	0.486			—	0.842			—
*AVIATION BLVD at CENTURY BLVD	11	8019	9227	8557	Yes	0.940	1.023	0.083	X	1.062	1.084	0.023	X	1.850	1.332	-0.518	—
*AVIATION BLVD at EL SEGUNDO BLVD	12	5783	6844	6304	Yes	1.089	1.111	0.022	X	1.082	1.086	0.004	—	1.080	1.188	0.127	—
*AVIATION BLVD at IMPERIAL HWY	13	5779	7576	6729	—	1.033	0.768	-0.267	—	1.307	1.155	-0.152	—	1.254	1.122	-0.132	—
AVIATION BLVD at MANCHESTER AV	14	3511	4590	5077	—	1.152	0.738	-0.413	—	1.047	0.853	-0.194	—	1.493	1.209	-0.284	—
AVIATION BLVD at ROSECRANS AV	15	8097	9908	8039	Yes	1.329	1.339	0.010	X	1.659	1.712	0.053	X	1.594	1.691	0.097	—
CENTINELA AV at JEFFERSON BLVD	18	6371	7133	5183	—	1.152	1.108	-0.044	—	1.355	1.297	-0.058	—	1.090	1.124	0.034	—
SEPULVEDA BLVD at CENTINELA AV	22	7760	8008	5918	Yes	1.404	1.448	0.044	X	1.261	1.299	0.038	X	1.044	1.020	-0.024	—
*LA CIENEGA BLVD at CENTURY BLVD	26	6007	7349	4909	Yes	0.766	0.807	0.051	X	0.840	0.890	0.050	X	0.616	0.673	0.057	—
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5058	5576	2632	—	0.747	0.623	-0.124	—	0.874	0.717	-0.157	—	0.713	0.299	-0.413	—
CULVER BLVD at JEFFERSON BLVD	28	2269	4432	2745	—	0.867	0.522	-0.345	—	1.434	1.285	-0.149	—	0.749	0.755	0.007	—
VISTA DEL MAR at CULVER BLVD	33	1053	1960	1412	—	0.642	0.307	-0.335	—	0.457	0.464	0.007	—	0.454	0.351	-0.103	—
*DOUGLAS ST at IMPERIAL HWY	34	1880	3386	2872	—	0.395	0.303	-0.091	—	0.675	0.518	-0.157	—	0.601	0.538	-0.063	—
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6835	8586	7784	—	1.110	1.111	0.001	—	1.279	1.236	-0.043	—	0.975	1.082	0.106	—
VISTA DEL MAR at GRAND AV	36	2251	2495	2231	—	0.915	0.676	-0.239	—	0.516	0.609	0.093	—	0.589	0.809	0.219	—
LA CIENEGA BLVD at FLORENCE AV	40	3594	4740	5702	Yes	0.789	0.822	0.033	X	1.087	1.106	0.020	X	1.598	1.572	0.006	—
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2518	2765	2413	—	1.214	0.952	-0.262	—	0.988	0.894	-0.074	—	0.908	0.941	0.033	—
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6319	6010	4902	Yes	0.748	0.844	0.096	X	0.959	0.905	-0.054	—	0.736	0.723	-0.013	—
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	3805	4761	4401	—	0.740	0.575	-0.164	—	0.745	0.726	-0.020	—	0.773	0.724	-0.049	—
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1998	2076	4273	Yes	0.275	0.287	0.011	—	0.303	0.312	0.009	—	0.636	0.701	0.065	X
*MAIN ST at IMPERIAL HWY (1)	47				—	0.781			—	1.083			—	0.597			—
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	6086	5307	3275	—		0.753		—		0.877		—		0.460		—
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3278	3352	2385	—		0.933		—		0.730		—		0.611		—
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3848	3585	2641	—	1.292	1.258	-0.034	—	0.614	0.654	0.040	—	0.447	0.437	-0.011	—
PERSHING DR at IMPERIAL HWY (3)	49				—	1.148			—	1.117			—	0.719			—
*SEPULVEDA BLVD at IMPERIAL HWY	50	7548	8704	6212	Yes	0.822	0.980	0.158	X	1.092	1.467	0.375	X	0.842	0.827	-0.015	—
*VISTA DEL MAR at IMPERIAL HWY	51	2444	3389	2387	Yes	0.971	0.918	-0.055	—	0.677	0.841	0.284	X	0.886	0.697	0.011	—
*LA CIENEGA BLVD at IMPERIAL HWY	52	4090	4190	5681	Yes	0.691	0.752	0.061	X	0.544	0.614	0.070	—	0.574	0.628	0.054	—
I-405 NB RAMPS at JEFFERSON BLVD	54	3458	4031	3375	—	0.845	0.853	0.008	—	0.921	0.890	-0.031	—	0.733	0.698	-0.035	—
I-405 S/B RAMPS at JEFFERSON BLVD	55	3710	4189	3218	—	0.530	0.491	-0.039	—	0.703	0.683	-0.020	—	0.477	0.443	-0.034	—
LINCOLN BLVD at JEFFERSON BLVD	57	8310	10162	6527	Yes	1.408	1.418	0.010	X	1.187	1.200	0.013	X	0.835	0.858	0.023	—
LA CIENEGA BLVD at 111TH ST (3)	67				—	0.224			—	0.273			—	0.625			—
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2409	2895	4138	—	0.370	0.326	-0.044	—	0.498	0.323	-0.176	—	0.577	0.529	-0.048	—
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1819	1611	2447	—	0.286	0.333	0.047	—	0.245	0.263	0.018	—	0.369	0.378	0.009	—
LA CIENEGA BLVD at LENNOX BLVD	71	1832	1876	3310	Yes	0.379	0.432	0.053	—	0.484	0.581	0.096	—	0.876	1.048	0.170	X
LA CIENEGA BLVD at MANCHESTER AV	72	3711	4408	5726	Yes	0.700	0.726	0.026	—	0.772	0.762	-0.010	—	1.148	1.252	0.104	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4138	4732	2233	Yes	0.828	1.004	0.177	X	0.941	0.835	-0.106	—	0.626	0.430	-0.197	—
I-405 S/B RAMPS at LA TIJERA BLVD	79	4198	4588	2909	—	0.745	0.777	0.032	—	0.939	0.908	-0.032	—	0.422	0.488	0.076	—
LINCOLN BLVD at LA TIJERA BLVD	81	6571	7231	5097	Yes	0.509	0.882	0.373	X	0.556	1.209	0.652	X	0.422	0.969	0.548	—
LA TIJERA BLVD at MANCHESTER AV	82	2897	4214	3328	—	0.636	0.620	-0.016	—	0.763	0.766	0.004	—	0.698	0.657	-0.042	—
SEPULVEDA BLVD at LA TIJERA BLVD	83	6344	7294	3307	Yes	0.889	1.317	0.427	X	0.910	1.775	0.865	X	0.485	0.831	0.346	—
LINCOLN BLVD at 89RD ST	87	7162	10079	7309	Yes	1.131	1.224	0.093	X	1.482	1.579	0.097	X	1.517	1.536	0.019	—
LINCOLN BLVD at MANCHESTER AV	88	7755	10330	6824	Yes	0.792	1.007	0.215	X	1.543	1.710	0.167	X	0.921	1.218	0.297	—
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				—	0.667			—	0.683			—	0.529			—
LINCOLN BLVD at TEALE ST	94	6166	6939	5477	Yes	0.620	0.765	0.145	X	0.640	0.650	0.010	—	0.458	0.481	0.023	—
PERSHING DR at MANCHESTER AV	98	1267	2112	933	Yes	0.482	0.405	-0.077	—	0.610	0.754	0.144	X	0.386	0.208	-0.159	—
SEPULVEDA BLVD at MANCHESTER AV	99	6167	6382	4123	Yes	1.008	1.100	0.092	X	1.085	1.033	-0.052	—	0.888	0.873	-0.015	—
SEPULVEDA BLVD at MARIPOSA AV	100	6473	8142	6380	Yes	0.801	0.936	0.135	X	1.084	1.471	0.387	X	1.204	1.852	0.447	—
PERSHING DR at WESTCHESTER PKWY (2)	101	1682	2312	1378	Yes	0.331	0.639	0.307	—	0.299	0.874	0.575	X	0.138	0.505	0.367	—
SEPULVEDA BLVD at ROSECRANS AV	103	8550	10316	8667	Yes	1.645	1.632	-0.013	—	1.692	1.719	0.027	X	1.888	1.938	0.051	—
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4076	4336	3616	—	1.252	1.132	-0.120	—	1.023	0.981	-0.042	—	0.997	0.825	-0.171	—
SEPULVEDA BLVD at 76TH/77TH ST	106	4779	4046	3649	Yes	0.762	0.856	0.096	X	0.686	0.637	-0.029	—	0.722	0.654	-0.067	—
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109				—	0.840			—	0.991			—	0.609			—
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTIO	109A	5424	5562	2981	—		0.738		—		0.708		—		0.371		—
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTIO	109B	5780	6307	3105	—		0.822		—		0.843		—		0.580		—
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2584	3388	3264	Yes	0.586	0.768	0.182	X	0.555	0.593	0.039	—	0.688	0.746	0.058	—
*I-405 NB OFF-RAMP at CENTURY BLVD	307	3979	4504	2547	—	0.729	0.764	0.035	—	0.604	0.643	0.039	—	0.395	0.463	0.069	—
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3194	3731	3240	Yes	0.620	0.681	0.061	—	0.659	0.735	0.076	X	0.464	0.505	0.041	—
LA CIENEGA BLVD at 120TH ST	313	1233	1432	1130	—	0.298	0.376	0.078	—	0.426	0.447	0.021	—	0.448	0.434	-0.014	—

# IMPACTS

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Notes: (1) Splits into two Interchanges in new design for 2015, with LOS D or better, (2) Redesign for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	BA ID	Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. A V/C	Alt. A - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3					0.669				0.917				0.974			
AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	3737	4176	5194			0.501				0.798				0.685		
AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	3519	3299	3994			0.701				0.580				0.839		
AIRPORT BLVD at CENTURY BLVD	4	5086	5270	4288	Yes	0.486	0.827	0.341	X	0.663	0.816	-0.047	—	0.753	0.737	-0.018	—
AIRPORT BLVD at LA TIJERA BLVD	5	2406	3008	3083	---	0.579	0.446	-0.133	—	0.581	0.539	-0.042	—	0.754	0.683	-0.071	—
AIRPORT BLVD at MANCHESTER AV	6	3417	3757	4482	Yes	0.793	0.735	-0.058	—	0.868	0.755	-0.113	—	0.987	1.015	0.029	X
*AVIATION BLVD at ARBOR VITAE ST (1)	7					0.745				0.973				0.913			
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	4591	5274	5139			0.617				0.703				0.720		
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	3303	3737	3845			0.748				0.718				0.883		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5312	7148	6086	Yes	0.949	1.246	0.297	X	0.944	1.359	0.415	X	0.893	1.069	0.176	---
AVIATION BLVD at 111TH ST (3)	10					0.432				0.486				0.842			
*AVIATION BLVD at CENTURY BLVD	11	8213	9385	8480	Yes	0.940	1.001	0.061	X	1.062	1.093	0.031	X	1.850	1.385	-0.466	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5883	6945	6320	Yes	1.089	1.122	0.033	X	1.082	1.082	0.000	---	1.080	1.201	0.140	---
*AVIATION BLVD at IMPERIAL HWY	13	6183	7745	6981	---	1.033	0.941	-0.092	---	1.307	1.135	-0.172	---	1.254	1.235	-0.019	---
AVIATION BLVD at MANCHESTER AV	14	3174	4290	4704	---	1.152	0.669	-0.483	---	1.047	0.813	-0.234	---	1.493	1.115	-0.378	---
AVIATION BLVD at ROSECRANS AV	15	8103	9957	8055	Yes	1.329	1.343	0.014	X	1.659	1.712	0.053	X	1.594	1.693	0.099	---
CENTINELA AV at JEFFERSON BLVD	18	6280	7191	5206	---	1.152	1.110	-0.042	---	1.355	1.317	-0.038	---	1.090	1.114	0.024	---
SEPULVEDA BLVD at CENTINELA AV	22	7784	8020	5926	Yes	1.404	1.448	0.044	X	1.281	1.313	0.032	X	1.044	1.016	-0.028	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6632	7841	4983	Yes	0.756	1.038	0.281	X	0.840	1.002	0.162	X	0.616	0.638	0.023	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5157	5700	2707	---	0.747	0.643	-0.104	---	0.874	0.776	-0.098	---	0.713	0.333	-0.380	---
CULVER BLVD at JEFFERSON BLVD	28	2230	4386	2716	---	0.867	0.505	-0.363	---	1.434	1.276	-0.158	---	0.749	0.749	0.000	---
VISTA DEL MAR at CULVER BLVD	33	1061	1970	1455	---	0.642	0.310	-0.332	---	0.457	0.466	0.009	---	0.454	0.383	-0.091	---
*DOUGLAS ST at IMPERIAL HWY	34	2021	3621	2823	---	0.385	0.301	-0.083	---	0.675	0.568	-0.106	---	0.601	0.534	-0.067	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6888	8563	7740	Yes	1.110	1.124	0.015	X	1.279	1.236	-0.044	---	0.975	1.068	0.093	---
VISTA DEL MAR at GRAND AV	36	2248	2601	2261	---	0.915	0.679	-0.235	---	0.516	0.607	0.091	---	0.589	0.817	0.227	---
LA CIENEGA BLVD at FLORENCE AV	40	3200	4313	4981	---	0.789	0.766	-0.023	---	1.087	1.030	-0.057	---	1.506	1.345	-0.221	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2507	2776	2394	---	1.214	0.953	-0.261	---	0.968	0.899	-0.069	---	0.908	0.929	0.021	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6471	6105	4917	Yes	0.748	0.859	0.112	X	0.959	0.921	-0.038	---	0.736	0.704	-0.032	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4444	4905	4904	---	0.740	0.641	-0.099	---	0.745	0.754	0.009	---	0.773	0.758	-0.015	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1952	2048	4136	---	0.275	0.271	-0.004	---	0.303	0.313	0.010	---	0.636	0.670	0.034	---
*MAIN ST at IMPERIAL HWY (1)	47					0.781				1.083				0.597			
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2677	2676	1857			0.453				0.458				0.297		
MAIN ST at IMPERIAL HWY (NORTH PORTION) (3)	47B	1621	1781	1204			0.449				0.563				0.298		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3911	3822	2579	---	1.292	1.258	-0.034	---	0.614	0.695	0.081	---	0.447	0.425	-0.023	---
PERSHING DR at IMPERIAL HWY (3)	49					1.148	0.000			1.117				0.719			
*SEPULVEDA BLVD at IMPERIAL HWY	50	7652	8806	6285	Yes	0.822	1.024	0.201	X	1.092	1.529	0.438	X	0.842	0.858	0.016	---
*VISTA DEL MAR at IMPERIAL HWY	51	2454	3400	2432	---	0.971	0.684	-0.287	---	0.677	0.605	-0.069	---	0.686	0.523	-0.163	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	4455	4439	5841	Yes	0.691	0.878	0.187	X	0.544	0.681	0.138	---	0.574	0.620	0.047	---
I-405 NB RAMPS at JEFFERSON BLVD	54	3469	4034	3357	---	0.845	0.843	-0.002	---	0.921	0.891	-0.030	---	0.733	0.698	-0.035	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3694	4221	3190	---	0.530	0.489	-0.041	---	0.703	0.683	-0.020	---	0.477	0.444	-0.033	---
LINCOLN BLVD at JEFFERSON BLVD	57	8336	10146	8580	Yes	1.408	1.457	0.049	X	1.187	1.209	0.023	X	0.835	0.861	0.026	---
LA CIENEGA BLVD at 111TH ST (3)	57					0.224				0.273				0.625			
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2764	3148	4480	---	0.370	0.323	-0.047	---	0.499	0.397	-0.103	---	0.577	0.554	-0.023	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1703	1537	2363	---	0.286	0.256	-0.030	---	0.245	0.188	-0.058	---	0.368	0.336	-0.032	---
LA CIENEGA BLVD at LENNOX BLVD	71	1905	1931	3525	Yes	0.379	0.486	0.107	---	0.484	0.574	0.089	---	0.876	1.089	0.213	X
LA CIENEGA BLVD at MANCHESTER AV	72	3547	4223	5078	---	0.700	0.661	-0.039	---	0.772	0.723	-0.050	---	1.148	1.015	-0.134	---
I-405 NB RAMPS at LA TIJERA BLVD	78	3971	4651	2195	Yes	0.828	0.891	0.164	X	0.941	0.816	-0.124	---	0.626	0.446	-0.180	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4078	4563	2898	---	0.745	0.736	-0.008	---	0.939	0.912	-0.027	---	0.422	0.483	0.061	---
LINCOLN BLVD at LA TIJERA BLVD	81	6565	7377	5183	Yes	0.509	0.875	0.366	X	0.555	1.244	0.688	X	0.422	1.027	0.605	---
LA TIJERA BLVD at MANCHESTER AV	82	2837	4153	3409	---	0.036	0.595	-0.042	---	0.763	0.790	0.028	---	0.688	0.889	-0.009	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6110	6930	3154	Yes	0.889	1.257	0.368	X	0.910	1.505	0.595	X	0.485	0.637	0.152	---
LINCOLN BLVD at 83RD ST	87	7129	10071	7378	Yes	1.131	1.220	0.089	X	1.482	1.595	0.113	X	1.517	1.553	0.036	---
LINCOLN BLVD at MANCHESTER AV	88	7664	10386	6791	Yes	0.792	0.981	0.189	X	1.543	1.724	0.180	X	0.921	1.166	0.245	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.667				0.683				0.529			
LINCOLN BLVD at TEALE ST	94	6130	6886	5512	Yes	0.620	0.769	0.150	X	0.640	0.633	-0.007	---	0.458	0.483	0.034	---
PERSHING DR at MANCHESTER AV	98	1343	2196	927	Yes	0.482	0.451	-0.031	---	0.510	1.082	0.452	X	0.366	0.228	-0.138	---
SEPULVEDA BLVD at MANCHESTER AV	99	6316	6518	4251	Yes	1.008	1.148	0.140	X	1.085	1.038	-0.047	---	0.898	0.891	0.003	---
SEPULVEDA BLVD at MARIPOSA AV	100	6555	8139	8382	Yes	0.801	0.954	0.153	X	1.084	1.476	0.392	X	1.204	1.677	0.473	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1749	2079	1339	---	0.331	0.591		---	0.299	0.765		---	0.138	0.480		---
SEPULVEDA BLVD at ROSECRANS AV	103	8567	10333	3684	Yes	1.645	1.633	-0.012	---	1.692	1.717	0.026	X	1.888	1.943	0.055	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	5042	4249	3713	---	1.252	1.148	-0.104	---	1.023	0.981	-0.062	---	0.997	0.847	-0.149	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4963	4158	3692	Yes	0.782	0.884	0.123	X	0.666	0.639	-0.027	---	0.722	0.639	-0.083	---
*SEPULVEDA BLVD at WESTCHESTER PKWY (1)	109					0.840				0.991				0.609			
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4706	5076	2253			0.737				0.813				0.491		
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5522	5936	2803			0.735				0.671				0.461		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2817	3313	3107	---	0.586	0.535	-0.051	---	0.555	0.660	0.105	---	0.688	0.738	0.051	---
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4107	4672	2584	Yes	0.729	0.838	0.109	X	0.604	0.885	0.081	---	0.395	0.461	0.067	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3263	3793	3210	---	0.620	0.676	0.056	---	0.659	0.690	0.031	---	0.464	0.500	0.036	---
LA CIENEGA BLVD at 120TH ST	313	1314	1438	1191	---	0.298	0.388	0.090	---	0.426	0.424	-0.002	---	0.448	0.499	0.051	---
# IMPACTS					26												

Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better, (2) Redesign for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better

Los Angeles International Airport Master Plan

2015 PHASE 3F - ALTERNATIVE A VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.		Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR							
				NB/E				SB/WB				NB/E				SB/WB				NB/E				SB/WB			
				Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact
1	Lincoln Boulevard	s/o Venice Boulevard**	Yes	0.748	0.765	0.018	---	0.909	0.929	0.021	X	0.977	0.971	-0.006	---	0.915	0.944	0.029	X	0.749	0.784	0.035	---	0.808	0.810	0.002	---
2	Centinela Avenue	s/o Venice Boulevard**	Yes	0.922	0.949	0.028	X	0.645	0.674	0.029	---	0.837	0.842	0.005	---	0.858	0.948	0.350	X	0.739	0.774	0.035	---	0.875	0.876	0.002	---
3	Sawtella Boulevard	s/o Venice Boulevard**	-	0.584	0.607	0.023	---	0.566	0.603	0.037	---	0.493	0.531	0.038	---	0.753	0.799	0.046	---	0.822	0.875	0.053	---	0.715	0.763	0.047	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.870	0.883	0.013	---	0.734	0.746	0.012	---	1.363	1.082	0.019	---	0.933	0.965	0.032	X	0.827	0.838	0.011	---	0.982	0.982	0.000	---
5	Oxland Avenue	s/o Venice Boulevard**	Yes	0.676	0.907	0.030	X	0.962	0.989	0.027	X	0.903	0.909	0.006	---	1.165	1.210	0.044	X	0.877	0.901	0.024	---	1.024	1.041	0.017	---
6	Stockton Street	n/o La Brea Avenue	-	0.504	0.514	0.010	---	0.512	0.544	0.032	---	0.656	0.664	0.008	---	0.486	0.508	0.022	---	0.571	0.563	0.022	---	0.576	0.609	0.033	---
7	Stanton Avenue	n/o La Brea Avenue	-	0.423	0.423	0.000	---	0.715	0.713	-0.002	---	0.639	0.659	0.020	---	0.478	0.485	0.007	---	0.383	0.402	0.019	---	0.374	0.369	-0.004	---
8	Centinela Avenue	n/o La Brea Avenue	-	0.448	0.431	-0.018	---	0.963	0.968	0.005	---	0.721	0.717	-0.004	---	1.208	1.205	-0.002	---	0.779	0.759	-0.019	---	0.619	0.611	-0.008	---
9	La Cienega Boulevard	s/o Stanton Avenue	-	0.534	0.554	0.020	---	0.556	0.555	-0.001	---	0.655	0.651	-0.004	---	0.591	0.605	0.015	---	0.388	0.400	0.011	---	0.415	0.413	-0.001	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.529	0.553	0.025	---	0.552	0.547	-0.005	---	0.655	0.664	0.009	---	0.620	0.650	0.029	---	0.468	0.471	0.004	---	0.523	0.525	0.005	---
11	Archer Vito	w/o La Brea Avenue	-	0.445	0.461	0.016	---	0.284	0.309	0.025	---	0.409	0.461	0.051	---	0.453	0.532	0.079	---	0.631	0.656	0.025	---	0.376	0.406	0.031	---
12	Century Boulevard	w/o La Brea Avenue	-	0.445	0.547	0.102	---	0.538	0.544	0.006	---	0.637	0.647	0.010	---	0.476	0.517	0.041	---	0.523	0.544	0.021	---	0.448	0.481	0.045	---
13	Imperial Highway	w/o La Brea Avenue	-	0.288	0.337	0.039	---	0.380	0.378	-0.002	---	0.598	0.596	0.008	---	0.354	0.354	0.015	---	0.469	0.522	0.053	---	0.648	0.688	0.039	---
14	Aviation Boulevard	n/o Rosemead Avenue	Yes	0.683	0.689	0.006	---	0.234	0.265	0.031	---	0.450	0.475	0.015	---	0.759	0.807	0.048	X	0.410	0.440	0.030	---	0.317	0.337	0.020	---
15	Sepulveda Boulevard	n/o Rosemead Avenue	-	0.935	0.920	-0.015	---	0.269	0.283	0.013	---	0.471	0.490	0.019	---	0.879	0.882	0.003	---	0.515	0.536	0.021	---	0.550	0.555	0.005	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.313	0.353	0.040	---	0.588	0.597	0.009	---	0.346	0.355	0.010	---	0.515	0.543	0.028	---	0.446	0.485	0.039	---	0.575	0.589	-0.006	---
17	Washington Boulevard	n/o Lincoln Boulevard**	-	0.654	0.655	0.011	---	0.418	0.412	-0.007	---	0.585	0.620	0.025	---	0.474	0.479	0.005	---	0.339	0.339	0.000	---	0.490	0.489	-0.002	---
18	Marina Freeway	n/o Lincoln Boulevard**	-	0.261	0.287	0.027	---	0.275	0.262	-0.014	---	0.310	0.315	0.005	---	0.296	0.302	0.006	---	0.348	0.346	-0.001	---	0.316	0.312	-0.006	---
19	Oliver Boulevard	n/o Lincoln Boulevard**	-	0.641	0.592	-0.049	---	0.539	0.021	-0.018	---	0.285	0.276	-0.011	---	0.364	0.361	-0.003	---	0.353	0.329	-0.025	---	0.421	0.393	-0.028	---
20	Jefferson Avenue	n/o Lincoln Boulevard**	-	0.782	0.747	-0.035	---	0.335	0.341	0.006	---	0.476	0.478	0.002	---	0.927	0.909	-0.029	---	0.274	0.251	-0.023	---	0.299	0.289	-0.011	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.829	1.036	0.207	X	0.410	0.368	-0.022	---	0.911	0.911	0.000	---	0.675	0.703	0.028	---	0.811	0.544	0.033	---	0.639	0.635	-0.003	---
22	Oliver Boulevard	w/o Jefferson Avenue**	-	0.735	0.448	-0.287	---	0.284	0.292	0.001	---	0.518	0.505	-0.013	---	0.881	0.815	-0.064	---	0.421	0.396	-0.024	---	0.464	0.457	-0.006	---
23	Vista Del Mar	s/o Oliver Boulevard**	-	0.413	0.130	-0.283	---	0.192	0.131	-0.061	---	0.284	0.277	0.007	---	0.452	0.401	-0.051	---	0.332	0.243	-0.089	---	0.274	0.261	-0.013	---
24	La Brea Avenue	s/o Stanton Avenue	-	0.876	0.680	-0.303	---	0.486	0.466	0.000	---	0.659	0.658	-0.001	---	0.625	0.820	-0.305	---	0.524	0.522	-0.003	---	0.583	0.588	-0.015	---
25	Jefferson Boulevard	n/o Rodas Road	-	0.398	0.397	-0.001	---	0.896	0.899	0.002	---	0.556	0.659	-0.306	---	0.521	0.519	-0.002	---	0.164	0.178	0.014	---	0.706	0.721	0.015	---
26	Sepulveda Boulevard	s/o Stanton Avenue	Yes	0.901	0.949	0.348	X	0.399	0.397	-0.002	---	0.742	0.731	-0.011	---	0.828	0.862	0.034	---	0.540	0.508	-0.031	---	0.515	0.498	-0.027	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.405	0.464	0.059	---	0.945	0.954	0.009	---	0.834	0.878	0.015	---	0.692	0.767	0.076	---	0.546	0.580	0.034	---	0.809	0.808	-0.001	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	Yes	0.193	0.202	0.008	---	0.518	0.518	0.000	---	0.794	0.807	0.013	---	0.397	0.419	0.022	---	0.696	0.706	0.010	---	0.988	0.916	0.029	X
29	Inglewood Boulevard	n/o Rosemead Avenue	-	0.484	0.504	0.019	---	0.376	0.391	0.015	---	0.632	0.563	0.061	---	0.828	0.828	0.001	---	0.509	0.556	0.047	---	0.339	0.344	0.005	---
30	Vista Del Mar	s/o Grand Avenue	-	0.634	0.705	0.149	---	0.153	0.161	0.008	---	0.216	0.213	-0.003	---	0.581	0.544	-0.037	---	0.318	0.309	-0.009	---	0.223	0.246	0.013	---
* IMPACTS				H																							

# IMPACTS

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan

2015 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.		Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR							
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
				Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A - Adj. Env.	Pk Hr Impact
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.748	0.765	0.018	---	0.909	0.928	0.019	---	0.977	0.974	-0.003	---	0.915	0.932	0.017	---	0.748	0.784	0.036	---	0.838	0.802	-0.006	---
2	Centinela Avenue	s/o Venice Boulevard**	Yes	0.922	0.946	0.024	X	0.645	0.667	0.022	---	0.837	0.846	0.008	---	0.898	0.932	0.034	X	0.738	0.774	0.036	---	0.875	0.854	0.029	---
3	Sawtelle Boulevard	s/o Venice Boulevard**	-	0.584	0.597	0.013	---	0.565	0.612	0.046	---	0.493	0.514	0.021	---	0.753	0.789	0.046	---	0.822	0.860	0.038	---	0.715	0.790	0.075	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.870	0.979	0.009	---	0.734	0.748	0.015	---	1.063	1.083	0.020	---	0.833	0.952	0.019	---	0.827	0.839	0.012	---	0.982	1.073	0.088	X
5	Overland Avenue	s/o Venice Boulevard**	Yes	0.876	0.918	0.042	X	0.962	0.992	0.030	X	0.933	0.964	0.001	---	1.165	1.191	0.026	X	0.877	0.886	0.009	---	1.024	1.124	0.100	---
6	Stockton Street	s/o La Brea Avenue	-	0.504	0.514	0.010	---	0.512	0.544	0.032	---	0.856	0.866	0.000	---	0.486	0.514	0.028	---	0.571	0.592	0.021	---	0.576	0.613	0.037	---
7	Stanton Avenue	s/o La Brea Avenue	-	0.423	0.420	-0.004	---	0.715	0.716	0.001	---	0.639	0.664	0.025	---	0.478	0.489	0.010	---	0.383	0.401	0.018	---	0.374	0.371	-0.003	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.448	0.421	-0.028	---	0.963	0.961	-0.002	---	0.721	0.708	-0.012	---	1.208	1.194	-0.014	---	0.779	0.741	-0.038	---	0.619	0.606	-0.013	---
9	La Cienega Boulevard	s/o Stanton Avenue	-	0.534	0.557	0.023	---	0.568	0.575	0.019	---	0.655	0.670	0.016	---	0.591	0.614	0.024	---	0.388	0.403	0.016	---	0.415	0.432	0.017	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.529	0.561	0.032	---	0.552	0.562	0.009	---	0.655	0.699	0.044	---	0.620	0.646	0.025	---	0.468	0.495	-0.003	---	0.520	0.536	0.016	---
11	Archer Villa	w/o La Brea Avenue	-	0.445	0.450	0.005	---	0.294	0.303	0.009	---	0.403	0.477	0.063	---	0.453	0.529	0.076	---	0.631	0.686	0.055	---	0.376	0.396	0.020	---
12	Century Boulevard	w/o La Brea Avenue	-	0.445	0.540	0.095	---	0.508	0.560	0.051	---	0.637	0.712	0.075	---	0.476	0.502	0.026	---	0.523	0.542	0.018	---	0.446	0.492	0.046	---
13	Imperial Highway	w/o La Brea Avenue	-	0.298	0.333	0.035	---	0.380	0.383	0.003	---	0.588	0.600	0.013	---	0.354	0.350	0.006	---	0.410	0.438	0.028	---	0.317	0.346	0.029	---
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.583	0.693	0.010	---	0.234	0.263	0.029	---	0.450	0.474	0.013	---	0.759	0.797	0.038	---	0.515	0.536	0.021	---	0.550	0.562	0.010	---
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	0.935	0.922	-0.013	---	0.268	0.285	0.016	---	0.471	0.490	0.019	---	0.679	0.866	0.037	---	0.515	0.536	0.021	---	0.550	0.562	0.010	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.313	0.368	0.055	---	0.598	0.592	0.004	---	0.346	0.342	-0.004	---	0.515	0.544	0.029	---	0.446	0.489	0.043	---	0.575	0.568	0.013	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.654	0.652	-0.002	---	0.418	0.393	-0.025	---	0.595	0.595	0.000	---	0.474	0.478	0.004	---	0.339	0.340	0.001	---	0.490	0.488	-0.002	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.261	0.287	0.027	---	0.275	0.258	-0.017	---	0.310	0.311	0.000	---	0.296	0.301	0.005	---	0.346	0.348	0.001	---	0.318	0.311	-0.007	---
19	Julver Boulevard	s/o Lincoln Boulevard**	-	0.641	0.578	-0.063	---	0.039	0.019	-0.021	---	0.288	0.278	-0.009	---	0.364	0.358	-0.006	---	0.274	0.242	-0.032	---	0.299	0.276	-0.023	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.762	0.783	0.019	---	0.335	0.377	0.042	---	0.476	0.496	0.020	---	0.927	0.926	0.001	---	0.274	0.242	-0.032	---	0.299	0.276	-0.023	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.829	1.028	0.198	X	0.410	0.367	-0.043	---	0.911	0.909	-0.002	---	0.675	0.735	0.060	---	0.611	0.646	0.036	---	0.639	0.639	0.000	---
22	Julver Boulevard	w/o Jefferson Avenue**	-	0.735	0.434	-0.301	---	0.294	0.293	0.000	---	0.518	0.501	-0.017	---	0.881	0.837	-0.074	---	0.421	0.386	-0.035	---	0.564	0.454	-0.110	---
23	Vista Del Mar	s/o Julver Boulevard**	-	0.413	0.132	-0.281	---	0.182	0.132	-0.051	---	0.254	0.279	0.024	---	0.452	0.403	-0.050	---	0.339	0.248	-0.083	---	0.274	0.270	-0.004	---
24	La Brea Avenue	s/o Stanton Avenue	-	0.676	0.663	0.007	---	0.466	0.483	0.017	---	0.659	0.667	0.009	---	0.625	0.615	-0.010	---	0.524	0.524	0.001	---	0.583	0.576	0.007	---
25	Jefferson Boulevard	n/o Rodero Road	-	0.398	0.404	0.005	---	0.866	0.889	0.022	---	0.556	0.571	0.005	---	0.521	0.525	0.004	---	0.164	0.171	0.007	---	0.706	0.712	0.006	---
26	Sepulveda Boulevard	s/o Stanton Avenue	Yes	0.901	0.955	0.054	X	0.335	0.339	0.003	---	0.742	0.734	-0.008	---	0.628	0.841	0.013	---	0.543	0.507	-0.033	---	0.515	0.472	-0.043	---
27	Centinela Avenue	w/o Sepulveda Boulevard	Yes	0.605	0.458	0.052	---	0.945	0.957	0.011	---	0.864	0.873	0.010	---	0.692	0.760	0.088	X	0.546	0.606	0.060	---	0.809	0.789	-0.011	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	Yes	0.193	0.203	0.009	---	0.518	0.524	0.005	---	0.794	0.815	0.022	---	0.387	0.423	0.023	---	0.096	0.710	0.014	---	0.898	0.915	0.028	X
29	Inglewood Boulevard	n/o Rosecrans Avenue	-	0.484	0.512	0.028	---	0.376	0.393	0.017	---	0.502	0.556	0.054	---	0.328	0.837	0.009	---	0.509	0.554	0.044	---	0.339	0.335	-0.002	---
30	Vista Del Mar	s/o Grand Avenue	-	0.854	0.711	-0.143	---	0.153	0.159	0.006	---	0.215	0.213	-0.003	---	0.581	0.547	-0.034	---	0.318	0.312	-0.006	---	0.223	0.242	0.019	---

\* IMPACTS

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan																										
2015 PHASE 3F - ALTERNATIVE A VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj. Env. V/C	Alter A V/C	Alter A-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter A V/C	Alter A-Adj. Env.	Pk Hr Impact
1	Interstate 405 n/a Van Ness Blvd. HOV	Yes	0.842	0.885	0.043	---	0.836	0.860	0.025	---	0.978	0.996	0.018	---	0.770	0.794	0.024	---	1.037	1.079	0.042	X	0.972	1.005	0.033	X
		Yes	0.371	0.410	0.040	---	0.785	0.809	0.023	---	0.865	0.909	0.045	---	0.780	0.820	0.040	---	0.830	0.899	0.069	---	1.287	1.337	0.051	X
2	Interstate 405 n/a La Tijera Blvd. HOV	-	1.009	0.948	-0.061	---	1.187	0.983	-0.194	---	1.203	1.048	-0.155	---	1.130	1.000	-0.130	---	1.244	1.127	-0.117	---	1.106	0.927	-0.179	---
		-	0.454	0.422	-0.032	---	0.890	0.583	-0.128	---	0.875	0.798	-0.077	---	0.750	0.632	-0.119	---	0.914	0.737	-0.177	---	1.140	0.905	-0.235	---
3	Interstate 405 s/o Rosecrans Ave. HOV	Yes	1.117	1.133	0.016	X	0.928	0.973	0.044	---	1.052	1.076	0.026	X	1.215	1.235	0.019	X	1.198	1.239	0.040	X	1.149	1.175	0.026	---
		Yes	0.533	0.614	0.061	---	0.386	0.489	0.113	---	0.616	0.682	0.066	---	0.698	0.847	0.151	---	0.919	0.825	0.092	---	0.811	0.985	0.174	---
4	Interstate 105 n/o Crenshaw Blvd. HOV	Yes	0.610	0.899	0.039	---	1.024	1.144	0.120	X	0.943	1.053	0.108	X	0.858	1.078	0.121	X	0.579	0.668	0.091	---	0.627	0.724	0.097	---
		-	0.348	0.406	0.059	---	0.511	0.590	0.079	---	0.682	0.774	0.075	---	0.538	0.647	0.109	---	0.681	0.817	0.136	---	0.796	0.872	0.076	---
# IMPACTS		4																								

Los Angeles International Airport Master Plan																										
2015 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATIONS) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj Env V/C	Alt A V/C	Alt A Adj Env	Pk Hr Impact	Adj Env V/C	Alt A V/C	Alt A Adj Env	Pk Hr Impact	Adj Env V/C	Alt A V/C	Alt A Adj Env	Pk Hr Impact	Adj Env V/C	Alt A V/C	Alt A Adj Env	Pk Hr Impact	Adj Env V/C	Alt A V/C	Alt A Adj Env	Pk Hr Impact	Adj Env V/C	Alt A V/C	Alt A Adj Env	Pk Hr Impact
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.842	0.992	0.040	---	0.838	0.857	0.021	---	0.978	0.997	0.018	---	0.770	0.790	0.020	---	1.037	1.079	0.042	X	0.972	1.000	0.027	---
2	Interstate 405 n/o La Tijera Blvd. HOV	Yes	0.971	0.415	0.044	---	0.785	0.809	0.024	---	0.855	0.912	0.047	---	0.780	0.810	0.030	---	0.830	0.890	0.060	---	1.287	1.335	0.048	X
-		-	1.509	0.948	-0.022	---	1.167	1.003	-0.165	---	1.203	1.050	-0.153	---	1.130	1.011	-0.119	---	1.244	1.132	-0.112	---	1.106	0.958	-0.146	---
-		-	0.454	0.424	-0.031	---	0.690	0.596	-0.094	---	0.975	0.807	-0.068	---	0.750	0.524	-0.126	---	0.914	0.754	-0.160	---	1.140	0.936	-0.204	---
3	Interstate 405 s/o Rosecrans Ave. HOV	Yes	1.117	1.141	0.024	X	0.928	0.979	0.051	---	1.052	1.076	0.024	X	1.216	1.240	0.024	X	1.198	1.249	0.048	X	1.149	1.185	0.036	---
-		-	0.553	0.619	0.065	---	0.386	0.513	0.127	---	0.616	0.659	0.043	---	0.696	0.952	0.156	---	0.616	0.833	0.016	---	0.811	1.001	0.190	---
4	Interstate 105 s/o Cronshaw Blvd. HOV	Yes	0.810	0.902	0.093	---	1.024	1.161	0.126	X	0.945	1.057	0.113	X	0.958	1.075	0.117	X	0.578	0.668	0.090	---	0.627	0.726	0.099	---
-		-	0.348	0.402	0.054	---	0.511	0.580	0.078	---	0.699	0.782	0.083	---	0.538	0.646	0.109	---	0.691	0.824	0.133	---	0.796	0.870	0.075	---
# IMPACTS		4																								

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F - ALTERNATIVE A VS. ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

No.	Freeway Ramps	Significant Impacts	AM Peak Hour				PM Peak Hour				Airport Peak Hour			
			Adj. Env. V/C	Alt A V/C	AltA - Adj.Env.	Pk Hr Impact	Adj. Env. V/C	Alt A V/C	AltA - Adj.Env.	Pk Hr Impact	Adj. Env. V/C	Alt A V/C	AltA - Adj.Env.	Pk Hr Impact
1	405 NB off at Sepulveda Blvd.	-	0.483	0.479	-0.003	---	0.519	0.638	0.119	---	0.862	0.870	0.008	---
2	405 SB off at Howard Hughes Pkwy.	-	0.214	0.121	-0.093	---	0.246	0.155	-0.090	---	0.270	0.127	-0.143	---
3	405 SB on at Howard Hughes Pkwy.	-	0.326	0.400	0.074	---	0.688	0.782	0.094	---	0.477	0.639	0.163	---
4	405 NB off at Howard Hughes Pkwy.	-	0.195	0.205	0.011	---	0.218	0.237	0.019	---	0.235	0.247	0.013	---
5	405 NB on at Howard Hughes Pkwy.	-	0.586	0.593	0.007	---	0.472	0.170	-0.302	---	0.347	0.159	-0.188	---
6	405 SB off at La Tijera Blvd.	-	0.338	0.192	-0.146	---	0.461	0.399	-0.062	---	0.401	0.237	-0.163	---
7	405 SB on at La Tijera Blvd.	-	0.445	0.524	0.079	---	0.579	0.571	-0.007	---	0.245	0.420	0.175	---
8	405 NB off at La Tijera Blvd.	-	0.429	0.486	0.057	---	0.527	0.609	0.083	---	0.281	0.272	-0.009	---
9	405 NB on at La Tijera Blvd.	-	0.429	0.407	-0.023	---	0.415	0.291	-0.125	---	0.311	0.231	-0.080	---
10	405 NB on at Manchester Blvd. East	-	0.305	0.312	0.007	---	0.338	0.346	0.008	---	0.235	0.197	-0.038	---
11	405 NB on at Manchester Blvd. West	-	0.306	0.297	-0.009	---	0.345	0.309	-0.037	---	0.408	0.334	-0.074	---
12	405 NB off at Manchester Blvd.	-	0.777	0.821	0.045	---	0.449	0.509	0.059	---	0.651	0.647	-0.003	---
13	405 SB on at Manchester Blvd.	-	0.564	0.640	0.076	---	0.814	0.825	0.011	---	0.599	0.655	0.056	---
14	405 SB off at La Cienega Blvd. (n/o Century Blvd.)	-	0.504	0.399	-0.105	---	0.427	0.301	-0.125	---	0.653	0.552	-0.101	---
15	405 SB on at La Cienega Blvd. (n/o Century Blvd.)	-	0.165	0.177	0.012	---	0.275	0.255	-0.019	---	0.293	0.277	-0.016	---
16	405 SB off at La Cienega Blvd. (s/o Century Blvd.)	-	0.232	0.249	0.017	---	0.333	0.289	-0.044	---	0.159	0.225	0.067	---
17	405 SB on at La Cienega Blvd. (s/o Century Blvd.)	-	0.375	0.406	0.031	---	0.547	0.557	0.011	---	0.334	0.464	0.130	---
18	405 NB off at Century Blvd.	-	0.742	0.741	-0.001	---	0.485	0.527	0.042	---	0.333	0.347	0.014	---
19	405 NB on at Century Blvd. EB	-	0.266	0.251	-0.015	---	0.548	0.463	-0.085	---	0.115	0.117	0.003	---
20	405 NB on at Century Blvd. WB	-	0.393	0.403	0.010	---	0.297	0.284	-0.013	---	0.261	0.281	0.021	---
21	405 SB off at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.235	0.237	0.002	---	0.119	0.117	-0.002	---	0.173	0.191	0.018	---
22	405 SB on at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.083	0.139	0.057	---	0.095	0.121	0.027	---	0.151	0.173	0.022	---
23	405 SB off at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.111	0.113	0.002	---	0.163	0.173	0.010	---	0.239	0.249	0.010	---
24	405 SB on at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.053	0.053	0.000	---	0.199	0.199	0.000	---	0.000	0.004	0.004	---
25	405 SB off El Segundo Blvd.	-	0.325	0.325	0.001	---	0.157	0.131	-0.027	---	0.132	0.134	0.002	---
26	405 SB on El Segundo Blvd.	-	0.185	0.243	0.059	---	0.979	0.939	-0.040	---	0.289	0.340	0.051	---
27	405 NB off El Segundo Blvd.	-	0.551	0.633	0.083	---	0.417	0.476	0.059	---	0.332	0.350	0.018	---
28	405 NB on El Segundo Blvd. EB	-	0.160	0.175	0.015	---	0.443	0.441	-0.002	---	0.214	0.219	0.005	---
29	405 NB on El Segundo Blvd. WB	-	0.257	0.250	-0.007	---	0.219	0.231	0.011	---	0.308	0.309	0.001	---
30	105 EB on Sepulveda Blvd. SB	-	0.404	0.361	-0.043	---	0.795	0.535	-0.260	---	0.539	0.277	-0.262	---
31	105 EB on Imperial Highway (w/o Sepulveda Blvd.)	-	0.235	0.601	0.366	---	0.423	0.923	0.500	---	0.307	0.894	0.587	---
32	105 WB off Sepulveda Blvd. NB	-	0.967	0.706	-0.261	---	0.707	0.595	-0.112	---	0.799	0.651	-0.149	---
33	105 WB off Sepulveda Blvd. SB	-	0.530	0.483	-0.047	---	0.340	0.315	-0.025	---	0.563	0.271	-0.291	---
34	105 EB on Imperial Highway (e/o Sepulveda Blvd.)	-	0.527	0.520	-0.007	---	0.627	0.578	-0.049	---	0.571	0.507	-0.063	---
35	105 WB off Nash St.	-	1.140	1.097	-0.043	---	0.222	0.215	-0.007	---	0.511	0.401	-0.110	---
36	105 EB on Imperial Highway (e/o Hawthorne Blvd.)	-	0.580	0.580	0.000	---	0.561	0.568	0.007	---	0.569	0.531	-0.037	---
37	105 EB on Hawthorne Blvd. SB	-	0.195	0.186	-0.009	---	0.189	0.187	-0.001	---	0.153	0.125	-0.029	---
38	105 WB off Hawthorne Blvd.	-	0.597	0.617	0.019	---	0.799	0.789	-0.010	---	0.401	0.395	-0.006	---
39	105 EB On Atwood Wy (Bet Nash/Douglas)	-	0.098	0.087	-0.001	---	0.485	0.453	-0.032	---	0.351	0.329	-0.021	---
# IMPACTS		0												



INTERSECTIONS	BA ID	Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact
AIRPORT BLVD at ARBOR VITAE ST (3)	3				---	0.689				0.917				0.974			
AIRPORT BLVD at CENTURY BLVD	4	3527	4789	3630	---	0.486	0.366	-0.119	---	0.663	0.615	-0.048	---	0.753	0.499	-0.254	---
AIRPORT BLVD at LA TIJERA BLVD	5	2450	2965	3138	---	0.579	0.444	-0.135	---	0.581	0.533	-0.048	---	0.754	0.657	-0.097	---
AIRPORT BLVD at MANCHESTER AV	6	3163	3885	4108	---	0.793	0.675	-0.117	---	0.868	0.792	-0.076	---	0.987	0.836	-0.151	---
*AVIATION BLVD at ARBOR VITAE ST (2)	7	7039	7625	7081	---	0.745	0.921	0.175	---	0.973	0.969	-0.003	---	0.913	0.907	-0.007	---
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5208	6188	5943	Yes	0.949	1.036	0.087	X	0.944	1.009	0.065	X	0.893	1.204	0.311	---
AVIATION BLVD at 111TH ST (3)	10					0.432				0.486				0.842			
*AVIATION BLVD at CENTURY BLVD	11	7134	8601	7646	Yes	0.940	0.950	0.010	X	1.062	1.287	0.226	X	1.850	1.281	-0.570	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5672	6852	6128	---	1.089	1.041	-0.048	---	1.082	1.076	-0.007	---	1.060	1.143	0.082	---
*AVIATION BLVD at IMPERIAL HWY	13	5885	7676	6997	Yes	1.033	1.410	0.377	X	1.307	1.445	0.138	X	1.254	1.437	0.183	---
AVIATION BLVD at MANCHESTER AV	14	3932	5007	5773	Yes	1.152	0.933	-0.219	---	1.047	1.077	0.030	X	1.493	1.493	0.001	---
AVIATION BLVD at ROSECRANS AV	15	8062	9819	7976	Yes	1.329	1.345	0.016	X	1.659	1.674	0.015	X	1.594	1.679	0.084	---
CENTINELA AV at JEFFERSON BLVD	18	6184	7177	5173	---	1.152	1.090	-0.062	---	1.355	1.303	-0.052	---	1.090	1.103	0.013	---
SEPULVEDA BLVD at CENTINELA AV	22	1726	7947	5870	Yes	1.404	1.441	0.037	X	1.261	1.291	0.030	X	1.044	1.015	-0.029	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6137	7799	5089	Yes	0.756	0.858	0.102	X	0.840	1.011	0.171	X	0.816	0.816	0.000	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5481	6108	3215	---	0.747	0.534	-0.213	---	0.874	0.758	-0.116	---	0.713	0.485	-0.227	---
CULVER BLVD at JEFFERSON BLVD	28	2218	4390	2692	---	0.867	0.504	-0.363	---	1.434	1.355	-0.079	---	0.749	0.751	0.002	---
VISTA DEL MAR at CULVER BLVD	33	1027	1954	1454	---	0.642	0.300	-0.342	---	0.457	0.462	0.004	---	0.454	0.363	-0.091	---
*DOUGLAS ST at IMPERIAL HWY	34	1886	2920	2484	---	0.395	0.287	-0.097	---	0.675	0.451	-0.224	---	0.601	0.503	-0.097	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6679	8530	7749	---	1.110	1.079	-0.031	---	1.279	1.228	-0.051	---	0.975	1.084	0.108	---
VISTA DEL MAR at GRAND AV	36	2443	2612	2306	---	0.915	0.732	-0.183	---	0.516	0.603	0.087	---	0.589	0.853	0.264	---
LA CIENEGA BLVD at FLORINCE AV	40	3328	4403	5273	---	0.789	0.760	-0.029	---	1.087	1.060	-0.027	---	1.566	1.441	-0.125	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2491	2801	2400	---	1.214	0.937	-0.277	---	0.968	0.916	-0.052	---	0.908	0.935	0.027	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6290	5838	4828	Yes	0.748	0.835	0.087	X	0.959	0.874	-0.085	---	0.736	0.675	-0.061	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5757	5049	3463	Yes	0.740	0.844	0.105	X	0.745	0.728	-0.017	---	0.773	0.561	-0.213	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1853	2050	4056	---	0.275	0.267	-0.008	---	0.303	0.310	0.007	---	0.636	0.668	0.032	---
*MAIN ST at IMPERIAL HWY (1)	47					0.781				1.083				0.597			
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2617	2513	1772	---		0.497			0.497					0.320		
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1836	1801	1423	---		0.475			0.561					0.342		
*I-105 FWY W/ OFF/NASH ST at IMPERIAL HWY	48	3759	3143	2416	Yes	1.292	1.303	0.011	X	0.614	0.615	0.001	---	0.447	0.431	-0.016	---
PERSHING DR at IMPERIAL HWY (3)	49					1.148				1.117					0.719		
*SEPULVEDA BLVD at IMPERIAL HWY	50	7248	8757	6202	Yes	0.822	1.094	0.272	X	1.092	1.568	0.476	X	0.842	0.835	-0.007	---
*VISTA DEL MAR at IMPERIAL HWY	51	2446	3392	2487	---	0.971	0.689	-0.282	---	0.677	0.594	-0.083	---	0.686	0.534	-0.152	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	4300	4073	5943	Yes	0.891	0.896	0.195	X	0.544	0.619	0.075	---	0.574	0.636	0.063	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	3449	4018	3335	---	0.845	0.843	-0.002	---	0.921	0.866	-0.055	---	0.733	0.698	-0.036	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3648	4071	3169	---	0.530	0.482	-0.048	---	0.703	0.673	-0.030	---	0.477	0.451	-0.026	---
LINCOLN BLVD at JEFFERSON BLVD	57	6247	10201	6626	Yes	1.408	1.449	0.041	X	1.187	1.220	0.033	X	0.835	0.853	0.018	---
LA CIENEGA BLVD at 111TH ST (3)	67					0.224				0.273				0.625			
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1977	2611	3352	---	0.370	0.389	0.019	---	0.499	0.490	-0.009	---	0.577	0.575	-0.003	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1718	1537	2380	---	0.286	0.277	-0.009	---	0.245	0.230	-0.016	---	0.369	0.333	-0.036	---
LA CIENEGA BLVD at LENNOX BLVD	71	1775	1727	2975	---	0.379	0.410	0.031	---	0.484	0.538	0.053	---	0.876	0.846	-0.030	---
LA CIENEGA BLVD at MANCHESTER AV	72	3689	4404	5434	---	0.700	0.684	-0.016	---	0.772	0.769	-0.003	---	1.148	1.092	-0.056	---
I-405 N/B RAMPS at LA TIJERA BLVD	78	3873	4580	2300	Yes	0.828	0.989	0.161	X	0.941	0.801	-0.140	---	0.626	0.502	-0.124	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4078	4583	3054	---	0.745	0.710	-0.035	---	0.939	0.908	-0.033	---	0.422	0.470	0.049	---
LINCOLN BLVD at LA TIJERA BLVD	81	6407	7014	4879	Yes	0.509	0.871	0.362	X	0.556	1.185	0.629	X	0.422	0.984	0.562	---
LA TIJERA BLVD at MANCHESTER AV	82	2900	3926	3166	---	0.636	0.539	-0.098	---	0.763	0.726	-0.037	---	0.698	0.563	-0.135	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	5929	6257	2889	Yes	0.889	1.229	0.340	X	0.910	1.317	0.407	X	0.485	0.635	0.150	---
LINCOLN BLVD at 83RD ST	87	7022	9797	7183	Yes	1.131	1.216	0.085	X	1.482	1.576	0.094	X	1.517	1.526	0.010	---
LINCOLN BLVD at MANCHESTER AV	88	7434	10004	6601	Yes	0.792	1.042	0.250	X	1.543	1.800	0.257	X	0.921	1.149	0.228	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.667				0.693				0.529			
LINCOLN BLVD at TEALE ST	94	6087	6857	5489	Yes	0.620	0.765	0.145	X	0.640	0.649	0.008	---	0.458	0.486	0.028	---
PERSHING DR at MANCHESTER AV	98	1346	2128	918	Yes	0.482	0.446	-0.036	---	0.810	0.989	0.379	X	0.366	0.230	-0.137	---
SEPULVEDA BLVD at MANCHESTER AV	99	6415	6305	3946	Yes	1.008	1.199	0.191	X	1.085	1.026	-0.059	---	0.888	0.835	-0.053	---
SEPULVEDA BLVD at MARIPOSA AV	100	6412	8093	6165	Yes	0.601	0.913	0.112	X	1.084	1.469	0.386	X	1.204	1.671	0.466	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1683	1803	1215	---	0.331	0.547	0.216	---	0.299	0.623	0.324	---	0.138	0.415	0.276	---
SEPULVEDA BLVD at ROSECRANS AV	103	8420	10209	8582	---	1.645	1.606	-0.039	---	1.892	1.680	-0.012	---	1.888	1.919	0.031	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4763	3880	3635	---	1.252	1.085	-0.167	---	1.023	0.876	-0.147	---	0.997	0.830	-0.167	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4906	3966	3683	Yes	0.762	0.876	0.114	X	0.666	0.614	-0.052	---	0.722	0.665	-0.056	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.840				0.991				0.809			
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	5300	5571	2418	---		0.633				0.701				0.455		
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5858	5986	2948	---		0.849				0.779				0.445		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2944	3436	3673	Yes	0.586	0.722	0.136	X	0.555	0.710	0.155	X	0.688	0.688	0.200	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4259	4520	2443	Yes	0.729	0.810	0.081	X	0.804	0.852	0.048	---	0.395	0.431	0.036	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3054	3610	3226	---	0.620	0.651	0.031	---	0.659	0.659	0.000	---	0.464	0.504	0.040	---
LA CIENEGA BLVD at 120TH ST	313	1166	1277	1371	---	0.298	0.349	0.051	---	0.426	0.399	-0.027	---	0.448	0.607	0.159	---
# IMPACTS					25												

Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better, (2) Redesign for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	BA ID	Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. B V/C	Alt. B - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (3)	3				---	0.669				0.917				0.974			
*AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A																
*AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B																
AIRPORT BLVD at CENTURY BLVD	4	3445	4850	3425	---	0.486	0.337	-0.149	---	0.683	0.584	-0.079	---	0.753	0.478	-0.276	---
AIRPORT BLVD at LA TIJERA BLVD	5	2625	3248	3261	---	0.579	0.452	-0.127	---	0.581	0.017	---	---	0.754	0.702	-0.052	---
AIRPORT BLVD at MANCHESTER AV	6	3256	3902	4381	---	0.793	0.766	-0.027	---	0.868	0.798	-0.070	---	0.987	0.923	-0.063	---
*AVIATION BLVD at ARBOR VITAE ST	7	7695	8002	7588		0.745	0.956			0.973	0.958			0.913	0.916		
*AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
*AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5451	6428	6173	Yes	0.949	1.142	0.193	X	0.944	1.063	0.119	X	0.893	1.195	0.303	---
AVIATION BLVD at 111TH ST (3)	10					0.432				0.486				0.842			
*AVIATION BLVD at CENTURY BLVD	11	7121	8677	7573	Yes	0.940	0.970	0.030	X	1.062	1.222	0.161	X	1.850	1.203	-0.647	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5732	6806	6245	Yes	1.089	1.069	-0.020	---	1.082	1.103	0.020	X	1.060	1.175	0.114	---
*AVIATION BLVD at IMPERIAL HWY	13	5443	7561	6759	Yes	1.033	1.084	0.051	X	1.307	1.301	-0.006	---	1.254	1.245	-0.009	---
AVIATION BLVD at MANCHESTER AV	14	4266	5341	6022	Yes	1.152	0.983	-0.168	---	1.047	1.168	0.121	X	1.493	1.550	0.058	X
AVIATION BLVD at ROSECRANS AV	15	8111	9843	6142	Yes	1.329	1.351	0.022	X	1.659	1.684	0.025	X	1.594	1.719	0.124	---
CENTINELA AV at JEFFERSON BLVD	18	5177	7216	5193	---	1.152	1.089	-0.063	---	1.355	1.334	-0.022	---	1.090	1.118	0.028	---
SEPULVEDA BLVD at CENTINELA AV	22	7624	7919	5900	Yes	1.404	1.423	0.020	X	1.261	1.274	0.012	X	1.044	1.022	-0.022	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6238	7782	5108	Yes	0.756	0.868	0.111	X	0.840	0.984	0.144	X	0.616	0.670	0.054	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5273	5857	3258	---	0.747	0.496	-0.251	---	0.874	0.696	-0.178	---	0.713	0.522	-0.191	---
CULVER BLVD at JEFFERSON BLVD	28	2239	4539	2772	---	0.667	0.513	-0.354	---	1.434	1.309	-0.125	---	0.749	0.773	0.025	---
VISTA DEL MAR at CULVER BLVD	33	1022	1958	1433	---	0.642	0.298	-0.344	---	0.457	0.463	0.006	---	0.464	0.356	-0.097	---
*DOUGLAS ST at IMPERIAL HWY	34	1755	3102	2767	---	0.385	0.295	-0.090	---	0.675	0.469	-0.186	---	0.601	0.543	-0.058	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6770	8602	7913	---	1.110	1.095	-0.015	---	1.279	1.248	-0.031	---	0.975	1.080	0.105	---
VISTA DEL MAR at GRAND AV	36	2469	2605	2320	---	0.915	0.741	-0.173	---	0.516	0.502	0.088	---	0.589	0.869	0.280	---
LA CIENEGA BLVD at FLORENCE AV	40	3644	4687	5641	Yes	0.789	0.842	0.052	X	1.087	1.106	0.020	X	1.566	1.567	0.001	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2526	2822	2415	---	1.214	0.954	-0.260	---	0.968	0.907	-0.060	---	0.908	0.943	0.034	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6162	5885	4860	Yes	0.748	0.827	0.079	X	0.859	0.879	-0.080	---	0.736	0.677	-0.058	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5076	4786	3171	---	0.740	0.760	0.020	---	0.745	0.699	-0.046	---	0.773	0.526	-0.247	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1941	2152	4239	---	0.275	0.280	0.005	---	0.303	0.319	0.016	---	0.636	0.693	0.057	---
*MAIN ST at IMPERIAL HWY (1)	47					0.781				1.083				0.597			
*MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4724	5106	3340	---		0.646				0.794				0.564		
*MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3828	2709	3021	---		0.735				0.533				0.682		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3814	3267	2624	Yes	1.292	1.308	0.016	X	0.614	0.623	0.009	---	0.447	0.430	-0.018	---
PERSHING DR at IMPERIAL HWY (3)	49					1.148				1.117				0.719			
*SEPULVEDA BLVD at IMPERIAL HWY	50	7263	8923	6277	Yes	0.822	1.053	0.231	X	1.092	1.566	0.474	X	0.842	0.846	0.004	---
*VISTA DEL MAR at IMPERIAL HWY	51	2470	3376	2499	---	0.971	0.703	-0.268	---	0.677	0.585	-0.092	---	0.686	0.535	-0.151	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	4008	4041	5879	---	0.691	0.728	0.037	---	0.544	0.559	0.015	---	0.574	0.638	0.065	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	3498	4068	3410	Yes	0.845	0.871	0.026	X	0.921	0.893	-0.028	---	0.733	0.711	-0.023	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3707	4070	3246	---	0.530	0.481	-0.049	---	0.703	0.670	-0.033	---	0.477	0.456	-0.021	---
LINCOLN BLVD at JEFFERSON BLVD	57	8243	10196	6508	Yes	1.408	1.428	0.020	X	1.187	1.214	0.028	X	0.835	0.839	0.004	---
LA CIENEGA BLVD at 111TH ST (3)	67					0.224				0.273				0.625			
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1949	2609	3337	---	0.370	0.377	0.007	---	0.499	0.485	-0.014	---	0.577	0.561	-0.017	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1915	1674	2563	---	0.286	0.350	0.064	---	0.245	0.291	0.046	---	0.369	0.416	0.047	---
LA CIENEGA BLVD at LENNOX BLVD	71	1830	1750	3074	---	0.379	0.418	0.039	---	0.484	0.554	0.070	---	0.876	0.859	-0.023	---
LA CIENEGA BLVD at MANCHESTER AV	72	3893	4604	5851	Yes	0.700	0.714	0.015	---	0.772	0.824	0.052	X	1.148	1.200	0.052	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4050	4808	2323	Yes	0.828	0.997	0.169	X	0.941	0.824	-0.117	---	0.626	0.483	-0.143	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4213	4817	3102	---	0.745	0.744	-0.001	---	0.939	0.912	-0.027	---	0.422	0.527	0.105	---
LINCOLN BLVD at LA TIJERA BLVD	81	6301	6811	4704	Yes	0.509	0.882	0.373	X	0.558	1.069	0.513	X	0.422	0.926	0.505	---
LA TIJERA BLVD at MANCHESTER AV	82	3203	4497	3523	Yes	0.636	0.626	-0.010	---	0.763	0.864	0.101	X	0.698	0.604	-0.094	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6296	7151	3150	Yes	0.889	1.385	0.496	X	0.910	1.824	0.914	X	0.485	0.768	0.303	---
LINCOLN BLVD at 83RD ST	87	7026	9797	7164	Yes	1.131	1.220	0.089	X	1.482	1.550	0.068	X	1.517	1.525	0.008	---
LINCOLN BLVD at MANCHESTER AV	88	7491	10072	6774	Yes	0.792	1.078	0.286	X	1.543	1.703	0.159	X	0.921	1.221	0.300	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.667				0.683				0.529			
LINCOLN BLVD at TEALE ST	94	6087	6855	5428	Yes	0.820	0.764	0.145	X	0.640	0.640	0.000	---	0.456	0.482	0.023	---
PERSHING DR at MANCHESTER AV	98	1266	2063	983	---	0.482	0.391	-0.091	---	0.610	0.641	0.031	---	0.366	0.215	-0.151	---
SEPULVEDA BLVD at MANCHESTER AV	99	6143	6329	4209	Yes	1.008	1.116	0.108	X	1.085	1.031	-0.054	---	0.888	0.844	-0.044	---
SEPULVEDA BLVD at MARIPOSA AV	100	6414	8108	6124	Yes	0.801	0.929	0.128	X	1.084	1.466	0.383	X	1.204	1.679	0.474	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1913	2231	1252	Yes	0.331	0.635	0.304	---	0.299	0.837	0.538	X	0.138	0.445	0.307	---
SEPULVEDA BLVD at ROSECRANS AV	103	8453	10242	8675	---	1.645	1.611	-0.034	---	1.592	1.694	0.102	---	1.886	1.943	0.055	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4752	4054	3492	---	1.252	1.091	-0.171	---	1.023	0.915	-0.107	---	0.997	0.797	-0.199	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4656	3987	3713	Yes	0.762	0.837	0.075	X	0.666	0.530	-0.037	---	0.722	0.669	-0.053	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.840				0.991				0.609			
*SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	5818	6479	3400	---		0.666				0.748				0.400		
*SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	6486	6749	3261	---		0.913				0.832				0.545		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	3041	3480	3703	Yes	0.586	0.763	0.177	X	0.555	0.787	0.232	X	0.688	0.903	0.215	X
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4407	4608	2498	Yes	0.729	0.819	0.091	X	0.604	0.647	0.043	---	0.395	0.455	0.061	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3152	3588	3215	---	0.620	0.654	0.034	---	0.659	0.655	0.006	---	0.464	0.505	0.041	---
LA CIENEGA BLVD at 120TH ST	313	1146	1253	1303	---	0.298	0.349	0.051	---	0.426	0.420	-0.007	---	0.448	0.551	0.103	---
# IMPACTS					26												

Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better, (2) Redesigned for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better

## 2015 PHASE 3F - ALTERNATIVE B VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR									PM PEAK HOUR									AP PEAK HOUR								
			NB/EB				SB/WB				Pk Hr Impact	NB/EB				SB/WB				Pk Hr Impact	NB/EB				SB/WB				Pk Hr Impact
			Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact		Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact		Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.748	0.761	0.013	--	0.909	0.915	0.007	--	0.977	0.985	0.008	--	0.915	0.925	0.010	--	0.749	0.779	0.031	--	0.808	0.801	-0.007	--		
2	Centinela Avenue	s/o Venice Boulevard**	Yes	3.922	0.945	0.023	X	0.545	0.560	0.015	--	0.837	0.837	0.000	--	0.898	0.930	0.032	X	0.739	0.765	0.026	--	0.875	0.897	-0.008	--		
3	Sawtelle Boulevard	s/o Venice Boulevard**	-	0.584	0.593	0.016	--	0.556	0.513	0.045	--	0.493	0.498	0.005	--	0.793	0.792	0.029	--	0.622	0.684	0.061	--	0.715	0.748	0.033	--		
4	Sepulveda Boulevard	s/o Venice Boulevard**	-	0.870	0.873	0.003	--	0.734	0.732	-0.002	--	1.063	1.082	0.019	--	0.933	0.952	0.019	--	0.827	0.841	0.013	--	0.982	0.986	0.003	--		
5	Owensland Avenue	s/o Venice Boulevard**	Yes	0.876	0.900	0.024	--	0.962	0.979	0.017	--	0.903	0.915	0.013	--	1.165	1.187	0.021	X	0.677	0.692	0.015	--	1.024	1.045	0.021	--		
6	Shocket Street	s/o La Brea Avenue	-	0.504	0.512	0.009	--	0.512	0.522	0.010	--	0.656	0.632	-0.024	--	0.488	0.506	0.021	--	0.571	0.580	0.009	--	0.576	0.589	0.013	--		
7	Simmons Avenue	s/o La Brea Avenue	-	0.423	0.427	0.004	--	0.715	0.715	0.000	--	0.639	0.665	0.026	--	0.478	0.467	0.009	--	0.383	0.402	0.019	--	0.374	0.372	-0.002	--		
8	Centinela Avenue	s/o La Brea Avenue	-	0.448	0.434	-0.015	--	0.963	0.977	0.014	--	0.721	0.726	0.006	--	1.208	1.205	-0.003	--	0.779	0.773	-0.006	--	0.619	0.622	0.003	--		
9	La Cienega Boulevard	s/o Simmons Avenue	-	0.534	0.547	0.014	--	0.556	0.556	0.000	--	0.655	0.661	0.006	--	0.591	0.603	0.013	--	0.388	0.398	0.010	--	0.415	0.404	-0.011	--		
10	Manchester Boulevard	w/o La Brea Avenue	-	0.529	0.546	0.017	--	0.532	0.536	-0.016	--	0.655	0.641	-0.014	--	0.620	0.639	0.019	--	0.468	0.470	0.002	--	0.520	0.518	-0.002	--		
11	Asheor Vitar	w/o La Brea Avenue	-	0.445	0.456	0.011	--	0.284	0.300	0.016	--	0.429	0.440	0.031	--	0.453	0.522	0.069	--	0.631	0.652	0.021	--	0.376	0.399	0.023	--		
12	Century Boulevard	w/o La Brea Avenue	-	0.445	0.522	0.076	--	0.508	0.528	0.020	--	0.637	0.665	0.028	--	0.476	0.529	0.053	--	0.523	0.541	0.018	--	0.446	0.478	0.032	--		
13	Imperial Highway	w/o La Brea Avenue	-	0.298	0.315	0.018	--	0.380	0.381	0.001	--	0.588	0.601	0.013	--	0.354	0.375	0.021	--	0.469	0.515	0.046	--	0.649	0.675	0.026	--		
14	Aviation Boulevard	w/o Rosecrans Avenue	-	0.683	0.691	0.008	--	0.234	0.275	0.042	--	0.460	0.462	0.002	--	0.759	0.782	0.023	--	0.410	0.443	0.033	--	0.317	0.347	0.030	--		
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	0.935	0.916	-0.019	--	0.269	0.273	0.003	--	0.471	0.496	0.025	--	0.879	0.868	-0.011	--	0.515	0.536	0.021	--	0.550	0.547	-0.003	--		
16	Pacific Avenue	s/o Venice Boulevard**	-	0.313	0.358	0.045	--	0.588	0.576	-0.012	--	0.345	0.347	0.001	--	0.515	0.549	0.034	--	0.446	0.491	0.035	--	0.575	0.569	-0.006	--		
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.654	0.655	0.011	--	0.418	0.405	-0.013	--	0.595	0.586	-0.006	--	0.474	0.485	0.011	--	0.339	0.340	0.000	--	0.490	0.487	-0.003	--		
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.261	0.286	0.026	--	0.275	0.257	-0.018	--	0.310	0.329	-0.001	--	0.295	0.330	0.005	--	0.346	0.348	0.002	--	0.318	0.312	-0.006	--		
19	Culver Boulevard	w/o Lincoln Boulevard	-	0.541	0.583	-0.038	--	0.009	0.225	-0.014	--	0.285	0.280	-0.007	--	0.364	0.345	-0.019	--	0.353	0.334	-0.019	--	0.421	0.410	-0.011	--		
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.782	0.749	-0.033	--	0.335	0.361	0.026	--	0.476	0.510	0.035	--	0.927	0.945	0.018	--	0.611	0.642	0.031	--	0.609	0.625	-0.014	--		
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.629	1.025	0.195	X	0.410	0.390	-0.030	--	0.911	0.901	-0.010	--	0.675	0.703	0.027	--	0.611	0.642	0.031	--	0.609	0.625	-0.014	--		
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.735	0.453	-0.281	--	0.254	0.283	-0.011	--	0.518	0.537	0.019	--	0.881	0.819	-0.062	--	0.421	0.394	-0.026	--	0.464	0.465	0.002	--		
23	Vista Del Mar	s/o Culver Boulevard**	-	0.413	0.127	-0.285	--	0.182	0.172	-0.060	--	0.264	0.277	0.023	--	0.452	0.401	-0.051	--	0.332	0.243	-0.088	--	0.274	0.269	-0.006	--		
24	La Brea Avenue	s/o Simmons Avenue	-	0.676	0.674	-0.003	--	0.468	0.466	-0.001	--	0.653	0.663	0.004	--	0.625	0.618	-0.007	--	0.524	0.531	0.006	--	0.583	0.579	-0.004	--		
25	Jefferson Boulevard	n/o Rodeo Road	-	0.388	0.395	-0.003	--	0.865	0.865	-0.001	--	0.568	0.572	0.006	--	0.521	0.535	0.014	--	0.164	0.175	0.011	--	0.705	0.714	0.008	--		
26	Sepulveda Boulevard	s/o Simmons Avenue	Yes	0.901	0.938	0.037	X	0.395	0.377	-0.029	--	0.742	0.723	-0.018	--	0.829	0.828	0.000	--	0.540	0.533	-0.007	--	0.515	0.457	-0.059	--		
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.405	0.426	0.021	--	0.945	0.940	0.005	--	0.854	0.876	0.012	--	0.692	0.746	0.054	--	0.546	0.593	0.053	--	0.809	0.815	0.005	--		
28	El Segundo Boulevard	w/o Hawthorne Boulevard	Yes	0.193	0.197	0.004	--	0.518	0.519	0.001	--	0.794	0.805	0.012	--	0.397	0.413	0.016	--	0.696	0.710	0.014	--	0.888	0.915	0.028	X		
29	Inglewood Boulevard	n/o Rosecrans Avenue	-	0.484	0.497	0.013	--	0.376	0.392	0.006	--	0.522	0.548	0.048	--	0.628	0.634	0.006	--	0.529	0.556	0.048	--	0.339	0.332	-0.005	--		
30	Vista Del Mar	s/o Grand Avenue	-	0.854	0.998	-0.157	--	0.153	0.168	0.015	--	0.216	0.198	-0.018	--	0.591	0.547	-0.034	--	0.318	0.307	-0.010	--	0.223	0.237	0.013	--		
# IMPACTS			5																										

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

## 2015 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATIONS) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.		Link Location	Significant Impact	AM PEAK HOUR												PM PEAK HOUR												AP PEAK HOUR											
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB															
				Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter B V/C	Alter B - Adj. Env.	Pk Hr Impact								
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.748	0.763	0.015	---	0.909	0.918	0.009	---	0.377	0.966	-0.011	---	0.915	0.928	0.013	---	0.749	0.783	0.032	---	0.808	0.800	-0.007	---	0.808	0.800	-0.007	---								
2	Centinela Avenue	s/o Venice Boulevard**	Yes	0.922	0.946	0.024	X	0.645	0.663	0.018	---	0.337	0.839	0.002	---	0.898	0.922	0.024	X	0.739	0.773	0.034	---	0.875	0.935	0.061	---	0.875	0.935	0.061	---								
3	Sawtella Boulevard	s/o Venice Boulevard**	-	0.584	0.607	0.024	---	0.586	0.600	0.034	---	0.493	0.507	0.014	---	0.753	0.781	0.028	---	0.622	0.664	0.042	---	0.715	0.785	0.069	---	0.715	0.785	0.069	---								
4	Supulveda Boulevard	s/o Venice Boulevard**	Yes	0.870	0.873	0.203	---	0.734	0.744	0.010	---	1.283	1.076	0.013	---	0.933	0.949	0.016	---	0.827	0.822	-0.005	---	0.992	1.062	0.060	X	0.992	1.062	0.060	X								
5	Owland Avenue	s/o Venice Boulevard**	Yes	0.876	0.904	0.027	X	0.962	0.977	0.015	---	0.803	0.858	-0.004	---	1.165	1.197	0.032	X	0.877	0.902	0.024	---	1.024	1.094	0.070	---	1.024	1.094	0.070	---								
6	Stocker Street	s/o La Brea Avenue	-	0.504	0.514	0.011	---	0.512	0.545	0.034	---	0.636	0.659	0.003	---	0.486	0.514	0.028	---	0.571	0.593	0.022	---	0.576	0.604	0.028	---	0.576	0.604	0.028	---								
7	Stanton Avenue	s/o La Brea Avenue	-	0.493	0.429	0.005	---	0.715	0.719	-0.002	---	0.639	0.669	0.030	---	0.478	0.493	0.015	---	0.383	0.407	0.024	---	0.374	0.368	-0.005	---	0.374	0.368	-0.005	---								
8	Centinela Avenue	s/o La Brea Avenue	-	0.448	0.423	-0.025	---	0.963	0.969	-0.004	---	0.721	0.727	0.005	---	1.209	1.208	0.000	---	0.779	0.755	-0.024	---	0.619	0.611	-0.008	---	0.619	0.611	-0.008	---								
9	La Cienega Boulevard	s/o Stanton Avenue	-	0.534	0.552	0.018	---	0.556	0.563	0.007	---	0.655	0.661	0.007	---	0.591	0.639	0.018	---	0.388	0.400	0.012	---	0.415	0.414	-0.001	---	0.415	0.414	-0.001	---								
10	Manchester Boulevard	w/o La Brea Avenue	-	0.528	0.543	0.014	---	0.552	0.539	-0.019	---	0.655	0.654	-0.002	---	0.820	0.837	0.016	---	0.468	0.465	-0.003	---	0.520	0.525	0.006	---	0.520	0.525	0.006	---								
11	Arbor Vitae	w/o La Brea Avenue	-	0.445	0.447	0.002	---	0.284	0.293	0.009	---	0.409	0.433	0.024	---	0.453	0.500	0.047	---	0.637	0.639	0.008	---	0.376	0.379	0.003	---	0.376	0.379	0.003	---								
12	Century Boulevard	w/o La Brea Avenue	-	0.445	0.522	0.077	---	0.308	0.519	0.011	---	0.637	0.659	0.022	---	0.476	0.502	0.026	---	0.523	0.525	0.002	---	0.445	0.452	0.006	---	0.445	0.452	0.006	---								
13	Imperial Highway	w/o La Brea Avenue	-	0.298	0.301	0.003	---	0.380	0.375	-0.010	---	0.588	0.595	0.007	---	0.354	0.364	0.009	---	0.469	0.496	0.027	---	0.549	0.552	0.003	---	0.549	0.552	0.003	---								
14	Aviation Boulevard	s/o Rosecrans Avenue	-	0.693	0.692	0.009	---	0.234	0.266	0.032	---	0.463	0.455	-0.003	---	0.759	0.785	0.025	---	0.410	0.428	0.018	---	0.317	0.329	0.012	---	0.317	0.329	0.012	---								
15	Sepulveda Boulevard	s/o Rosecrans Avenue	-	0.935	0.906	-0.027	---	0.259	0.269	0.000	---	0.471	0.498	0.027	---	0.879	0.785	0.025	---	0.515	0.531	0.016	---	0.550	0.549	-0.001	---	0.550	0.549	-0.001	---								
16	Pacific Avenue	s/o Venice Boulevard**	-	0.313	0.361	0.048	---	0.368	0.582	-0.007	---	0.346	0.339	-0.007	---	0.515	0.531	0.016	---	0.446	0.496	0.040	---	0.575	0.557	-0.018	---	0.575	0.557	-0.018	---								
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.654	0.655	0.001	---	0.418	0.395	-0.023	---	0.345	0.598	0.003	---	0.474	0.480	0.006	---	0.339	0.337	-0.002	---	0.490	0.488	-0.002	---	0.490	0.488	-0.002	---								
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.261	0.287	0.026	---	0.039	0.322	-0.023	---	0.286	0.289	0.002	---	0.364	0.370	0.006	---	0.333	0.332	-0.001	---	0.421	0.402	-0.019	---	0.421	0.402	-0.019	---								
19	Culver Boulevard	s/o Lincoln Boulevard	-	0.641	0.580	-0.061	---	0.333	0.386	0.051	---	0.476	0.528	0.052	---	0.927	0.945	0.019	---	0.274	0.271	-0.003	---	0.299	0.329	0.029	---	0.299	0.329	0.029	---								
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.782	0.755	-0.026	---	0.333	0.386	0.051	---	0.476	0.528	0.052	---	0.927	0.945	0.019	---	0.274	0.271	-0.003	---	0.299	0.329	0.029	---	0.299	0.329	0.029	---								
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.829	1.023	0.191	X	0.410	0.394	-0.026	---	0.311	0.921	-0.010	---	0.675	0.698	0.023	---	0.611	0.648	0.035	---	0.639	0.635	-0.004	---	0.639	0.635	-0.004	---								
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.735	0.442	-0.293	---	0.294	0.284	-0.010	---	0.518	0.505	-0.013	---	0.881	0.802	-0.079	---	0.421	0.384	-0.037	---	0.464	0.455	-0.009	---	0.464	0.455	-0.009	---								
23	Vieta Del Mar	s/o Culver Boulevard**	-	0.413	0.130	-0.283	---	0.182	0.121	-0.061	---	0.254	0.277	0.022	---	0.452	0.398	-0.054	---	0.332	0.250	-0.082	---	0.274	0.269	-0.005	---	0.274	0.269	-0.005	---								
24	La Brea Avenue	s/o Stanton Avenue	-	0.676	0.686	0.009	---	0.465	0.489	0.023	---	0.659	0.658	0.000	---	0.626	0.615	-0.010	---	0.524	0.525	0.000	---	0.593	0.570	-0.023	---	0.593	0.570	-0.023	---								
25	Jefferson Boulevard	s/o Rodas Road	-	0.901	0.948	0.050	---	0.399	0.373	-0.026	---	0.742	0.724	-0.018	---	0.828	0.844	0.016	---	0.540	0.496	-0.045	---	0.515	0.458	-0.056	---	0.515	0.458	-0.056	---								
26	Sepulveda Boulevard	s/o Stanton Avenue	Yes	0.901	0.948	0.047	X	0.399	0.373	-0.026	---	0.742	0.724	-0.018	---	0.828	0.844	0.016	---	0.540	0.496	-0.045	---	0.515	0.458	-0.056	---	0.515	0.458	-0.056	---								
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.405	0.449	0.044	---	0.945	0.954	0.009	---	0.864	0.887	0.024	---	0.892	0.759	0.067	---	0.546	0.601	0.055	---	0.829	0.805	-0.004	---	0.829	0.805	-0.004	---								
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.193	0.194	0.001	---	0.518	0.514	-0.004	---	0.794	0.798	0.004	---	0.397	0.408	0.011	---	0.596	0.702	0.006	---	0.888	0.905	0.019	---	0.888	0.905	0.019	---								
29	Inglewood Boulevard	s/o Rosecrans Avenue	-	0.484	0.500	0.016	---	0.376	0.385	0.009	---	0.502	0.519	0.038	---	0.628	0.627	-0.001	---	0.509	0.549	0.040	---	0.338	0.342	0.004	---	0.338	0.342	0.004	---								
30	Vieta Del Mar	s/o Grand Avenue	-	0.854	0.695	-0.159	---	0.153	0.165	0.012	---	0.216	0.210	-0.005	---	0.581	0.543	-0.038	---	0.318	0.308	-0.010	---	0.223	0.240	0.017	---	0.223	0.240	0.017	---								
* IMPACTS				5																																			

\*\* IMPACTS at both ends of these links have ATSC, the comparison of these links have been increased by 7 percent to reflect ATSC.



Los Angeles International Airport Master Plan 2015 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE (REVISED AS OF 2/10/00) FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
			NB/LB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj Env V/C	Alt B V/C	Alt B - Adj Env	Pk Hr Impact	Adj Env V/C	Alt B V/C	Alt B - Adj Env	Pk Hr Impact	Adj Env V/C	Alt B V/C	Alt B - Adj Env	Pk Hr Impact	Adj Env V/C	Alt B V/C	Alt B - Adj Env	Pk Hr Impact	Adj Env V/C	Alt B V/C	Alt B - Adj Env	Pk Hr Impact	Adj Env V/C	Alt B V/C	Alt B - Adj Env	Pk Hr Impact
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.842	0.878	0.036	—	0.836	0.849	0.014	—	0.878	0.920	0.012	—	0.770	0.783	0.013	—	1.037	1.077	0.039	X	0.972	0.997	0.025	—
		Yes	0.371	0.414	0.044	—	0.785	0.807	0.022	—	0.885	0.908	0.043	—	0.780	0.807	0.027	—	0.830	0.912	0.082	—	1.287	1.336	0.050	X
2	Interstate 405 n/o La Tijera Blvd. HOV	-	1.009	1.000	-0.009	—	1.167	1.063	-0.105	—	1.203	1.113	-0.091	—	1.130	1.068	-0.042	—	1.244	1.171	-0.073	—	1.106	1.029	-0.078	—
		-	0.454	0.482	0.028	—	0.690	0.549	-0.142	—	0.875	0.790	-0.085	—	0.790	0.643	-0.108	—	0.914	0.753	-0.161	—	1.140	0.943	-0.197	—
3	Interstate 405 s/o Rosecrans Ave. HOV	Yes	1.117	1.124	0.007	—	0.928	0.967	0.039	—	1.052	1.074	0.022	X	1.216	1.221	0.004	—	1.158	1.233	0.035	X	1.148	1.167	0.018	—
		-	0.553	0.602	0.049	—	0.385	0.520	0.134	—	0.616	0.662	0.046	—	0.596	0.847	0.151	—	0.818	0.825	0.008	—	0.811	0.991	0.181	—
4	Interstate 105 o/o Crenshaw Blvd. HOV	Yes	0.810	0.894	0.084	—	1.024	1.135	0.111	X	0.946	1.050	0.105	X	0.959	1.068	0.110	X	0.578	0.665	0.087	—	0.627	0.720	0.093	—
		-	0.348	0.410	0.062	—	0.511	0.581	0.070	—	0.699	0.772	0.073	—	0.539	0.646	0.109	—	0.691	0.819	0.128	—	0.796	0.866	0.070	—
# IMPACTS		4																								

## 2015 PHASE 3F - ALTERNATIVE B VS. ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

## # IMPACTS



INTERSECTIONS	BA ID	Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt. C V/C	Alt. C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. C V/C	Alt. C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt. C V/C	Alt. C - Adj. Env.	Pk-Hr Impact
AIRPORT BLVD at ARBOR VITAE ST (3)	3				---	0.669				0.917				0.974			
AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A				---												
AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B				---												
AIRPORT BLVD at CENTURY BLVD	4	4844	5344	3938	---	0.466	0.403	-0.063	---	0.663	0.596	-0.068	---	0.753	0.496	-0.258	---
AIRPORT BLVD at LA TIJERA BLVD	5	2495	2983	3134	---	0.579	0.412	-0.167	---	0.581	0.536	-0.045	---	0.685	0.685	-0.069	---
AIRPORT BLVD at MANCHESTER AV	6	3480	3763	4261	---	0.793	0.769	-0.024	---	0.868	0.727	-0.141	---	0.987	0.921	-0.066	---
AVIATION BLVD at ARBOR VITAE ST (1)	7				---	0.745				0.973				0.913			
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	5150	5654	5838	---		0.543				0.701				0.773		
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	4038	4143	4465	---		0.864				0.695				0.885		
LA CIENEGA BLVD at ARBOR VITAE ST	8	5940	7598	6636	Yes	0.949	1.570	0.621	X	0.944	1.460	0.516	X	0.893	1.153	0.261	---
AVIATION BLVD at 111TH ST (3)	10				---	0.432				0.486				0.842			
AVIATION BLVD at CENTURY BLVD	11	8372	9244	8937	Yes	0.940	1.322	0.382	X	1.062	1.123	0.061	X	1.850	1.876	0.025	---
AVIATION BLVD at EL SEGUNDO BLVD	12	6050	6900	6377	Yes	1.089	1.166	0.077	X	1.082	1.108	0.025	X	1.060	1.206	0.145	---
AVIATION BLVD at IMPERIAL HWY	13	5918	7711	6716	---	1.033	0.807	-0.226	---	1.307	1.226	-0.081	---	1.254	1.166	-0.087	---
AVIATION BLVD at MANCHESTER AV	14	3735	4849	5212	---	1.152	0.765	-0.387	---	1.047	0.915	-0.132	---	1.493	1.194	-0.298	---
AVIATION BLVD at ROSECRANS AV	15	8093	9893	8098	Yes	1.329	1.340	0.011	X	1.659	1.687	0.028	X	1.594	1.706	0.111	---
GENTINELA AV at JEFFERSON BLVD	18	6354	7127	5130	---	1.152	1.101	-0.051	---	1.355	1.300	-0.055	---	1.090	1.102	0.012	---
SEPULVEDA BLVD at CENTINELA AV	22	7800	7992	5874	Yes	1.404	1.454	0.050	X	1.261	1.313	0.052	X	1.044	1.010	-0.033	---
LA CIENEGA BLVD at CENTURY BLVD	26	6668	7667	5048	Yes	0.756	1.082	0.326	X	0.840	1.054	0.214	X	0.615	0.888	0.252	---
SEPULVEDA BLVD at CENTURY BLVD (2)	27	5339	5397	2501	---	0.747	0.471	-0.276	---	0.874	0.637	-0.237	---	0.713	0.260	-0.453	---
CULVER BLVD at JEFFERSON BLVD	28	2289	4463	2739	---	0.867	0.529	-0.338	---	1.434	1.311	-0.123	---	0.749	0.749	0.000	---
VISTA DEL MAR at CULVER BLVD	33	1076	1964	1423	---	0.642	0.313	-0.329	---	0.457	0.465	0.008	---	0.454	0.355	-0.099	---
DOUGLAS ST at IMPERIAL HWY	34	2011	3706	2954	---	0.385	0.330	-0.055	---	0.675	0.542	-0.133	---	0.601	0.622	0.022	---
SEPULVEDA BLVD at EL SEGUNDO BLVD	36	6862	8533	7743	Yes	1.110	1.125	0.015	X	1.279	1.248	-0.031	---	0.975	1.087	0.112	---
VISTA DEL MAR at GRAND AV	38	2266	2513	2266	---	0.915	0.678	-0.237	---	0.516	0.631	0.115	---	0.589	0.819	0.229	---
LA CIENEGA BLVD at FLORENCE AV	40	3784	4709	5643	Yes	0.789	0.866	0.077	X	1.087	1.099	0.012	X	1.566	1.566	0.000	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2520	2726	2373	---	1.214	0.954	-0.260	---	0.968	0.887	-0.081	---	0.908	0.920	0.012	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6365	6088	4880	Yes	0.748	0.851	0.104	X	0.959	0.937	-0.022	---	0.736	0.724	-0.011	---
I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4188	4934	4680	---	0.740	0.654	-0.086	---	0.745	0.740	-0.005	---	0.773	0.710	-0.063	---
I-405 FWY NB RAMPS at IMPERIAL HWY	46	1901	2008	4048	---	0.275	0.258	-0.017	---	0.303	0.293	-0.010	---	0.636	0.648	0.012	---
MAIN ST at IMPERIAL HWY (1)	47				---	0.781				1.083				0.597			
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4910	5219	3326	---		0.753				0.847				0.469		
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3236	3317	2321	---		0.667				0.704				0.465		
I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3959	3937	2755	Yes	1.292	1.244	-0.048	---	0.614	0.716	0.103	X	0.447	0.412	-0.035	---
PERSHING DR at IMPERIAL HWY (3)	49				---	1.148				1.117				0.719			
SEPULVEDA BLVD at IMPERIAL HWY	50	7093	8513	6828	Yes	0.822	1.011	0.188	X	1.092	1.650	0.558	X	0.842	0.924	0.082	---
VISTA DEL MAR at IMPERIAL HWY	51	2441	3467	2419	---	0.971	0.683	-0.288	---	0.677	0.647	-0.030	---	0.686	0.517	-0.169	---
LA CIENEGA BLVD at IMPERIAL HWY	52	3753	3870	5559	Yes	0.691	0.747	0.056	X	0.544	0.596	0.052	---	0.574	0.580	0.007	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	3413	4083	3358	---	0.845	0.856	0.011	---	0.921	0.907	-0.014	---	0.733	0.694	-0.039	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3728	4161	3228	---	0.530	0.496	-0.034	---	0.703	0.693	-0.011	---	0.477	0.447	-0.030	---
LINCOLN BLVD at JEFFERSON BLVD	57	8399	10309	6558	Yes	1.408	1.431	0.023	X	1.187	1.226	0.039	X	0.835	0.861	0.026	---
LA CIENEGA BLVD at 111TH ST (3)	67				---	0.224				0.273				0.625			
LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL (3)	68	2044	2524	3450	---	0.370	0.384	0.014	---	0.499	0.383	-0.116	---	0.577	0.589	0.011	---
LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1712	1543	2353	---	0.286	0.285	-0.001	---	0.245	0.233	-0.012	---	0.369	0.354	-0.015	---
LA CIENEGA BLVD at LENNOX BLVD	71	2369	2238	3752	Yes	0.379	0.632	0.253	---	0.484	0.775	0.291	X	0.876	1.321	0.445	X
LA CIENEGA BLVD at MANCHESTER AV	72	3816	4444	5805	Yes	0.700	0.745	0.045	X	0.772	0.780	0.007	---	1.148	1.242	0.093	X
I-405 N/B RAMPS at LA TIJERA BLVD	78	4181	4819	2258	Yes	0.828	1.027	0.199	X	0.941	0.867	-0.074	---	0.626	0.449	-0.177	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4221	4731	3111	Yes	0.745	0.801	0.056	X	0.939	0.953	0.014	X	0.422	0.611	0.190	---
LINCOLN BLVD at LA TIJERA BLVD	81	6491	7289	5180	Yes	0.509	0.877	0.368	X	0.556	1.229	0.673	X	0.422	0.972	0.550	---
LA TIJERA BLVD at MANCHESTER AV	82	3053	4088	3146	---	0.636	0.622	-0.015	---	0.763	0.730	-0.033	---	0.698	0.601	-0.097	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6291	7138	3272	Yes	0.889	1.284	0.395	X	0.910	1.749	0.839	X	0.485	0.827	0.342	---
LINCOLN BLVD at 83RD ST	87	7217	10044	7276	Yes	1.131	1.245	0.114	X	1.482	1.588	0.106	X	1.517	1.540	0.023	---
LINCOLN BLVD at MANCHESTER AV	88	7761	10318	6828	Yes	0.792	1.015	0.223	X	1.543	1.732	0.189	X	0.921	1.241	0.320	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				---	0.667				0.683				0.529			
LINCOLN BLVD at TEALE ST	94	6232	8886	5499	Yes	0.620	0.785	0.165	X	0.640	0.652	0.012	---	0.458	0.487	0.028	---
PERSHING DR at MANCHESTER AV	98	1288	2085	954	Yes	0.482	0.406	-0.076	---	0.610	0.748	0.138	X	0.366	0.218	-0.148	---
SEPULVEDA BLVD at MANCHESTER AV	99	6191	6318	3957	Yes	1.008	1.113	0.105	X	1.085	1.033	-0.052	---	0.888	0.836	-0.052	---
SEPULVEDA BLVD at MARIPOSA AV	100	6326	7940	6323	Yes	0.801	0.908	0.107	X	1.084	1.484	0.400	X	1.204	1.615	0.410	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1887	2276	1400	Yes	0.331	0.633	0.302	---	0.299	0.863	0.564	X	0.138	0.509	0.371	---
SEPULVEDA BLVD at ROSECRANS AV	103	8599	10294	8594	Yes	1.645	1.643	-0.002	---	1.592	1.733	0.042	X	1.888	1.936	0.048	---
SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4953	3799	4143	---	1.252	1.130	-0.122	---	1.023	0.863	-0.160	---	0.997	0.947	-0.050	---
SEPULVEDA BLVD at 76TH/77TH ST	106	4828	4043	3625	Yes	0.762	0.868	0.106	X	0.666	0.640	-0.026	---	0.722	0.651	-0.070	---
SEPULVEDA BLVD at WESTCHESTER PKWY (1)	109				---	0.840				0.991				0.609			
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	5240	6225	3325	---		0.646				0.831				0.358		
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5979	6405	3295	---		0.825				0.791				0.575		
LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	3603	4093	4099	---	0.586	0.700	0.114	---	0.555	0.686	0.131	---	0.688	0.661	-0.027	---
I-405 NB OFF-RAMP at CENTURY BLVD	307	4170	4516	2429	Yes	0.729	0.795	0.067	X	0.604	0.648	0.044	---	0.395	0.451	0.057	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3074	3663	3180	---	0.620	0.641	0.021	---	0.659	0.670	0.011	---	0.464	0.503	0.039	---
LA CIENEGA BLVD at 120TH ST	313	1083	1208	1157	---	0.298	0.308	0.009	---	0.426	0.431	0.004	---	0.448	0.508	0.060	---
IMPACTS					29												

Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better. (2) Redesigned for 2015 with some grade-separated moves, with LOS D or better. (3) Intersection does not exist in 2015. (\*) Airport Access Facility, must maintain LOS E or better



INTERSECTIONS	BA ID	Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Ar C V/C	Ar C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Ar C V/C	Ar C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Ar C V/C	Ar C - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (3)	3					0.669				0.917				0.974			
AIRPORT BLVD at ARBOR VITAE ST	3A																
AIRPORT BLVD at ARBOR VITAE ST	3B																
AIRPORT BLVD at CENTURY BLVD	4	4681	5545	3938	—	0.486	0.399	-0.087	—	0.663	0.624	-0.039	—	0.753	0.496	-0.258	—
AIRPORT BLVD at LA TIJERA BLVD	5	2466	2912	3134	—	0.579	0.404	-0.175	—	0.581	0.499	-0.082	—	0.754	0.685	-0.069	—
AIRPORT BLVD at MANCHESTER AV	6	3389	3531	4261	—	0.793	0.733	-0.069	—	0.868	0.711	-0.157	—	0.987	0.921	-0.066	—
*AVIATION BLVD at ARBOR VITAE ST (1)	7					0.745				0.973				0.913			
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	5037	5561	5838			0.521				0.757				0.811		
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	4824	3957	4468			0.838				0.719				0.873		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5733	7326	6636	Yes	0.949	1.503	0.554	X	0.944	1.401	0.457	X	0.893	1.153	0.261	—
AVIATION BLVD at 111TH ST (3)	10					0.432				0.486				0.842	0.000	-0.842	—
*AVIATION BLVD at CENTURY BLVD	11	8269	9281	8937	Yes	0.940	1.381	0.441	X	1.082	1.163	0.101	X	1.850	1.875	0.025	—
*AVIATION BLVD at EL SEGUNDO BLVD	12	6087	6911	6377	Yes	1.089	1.172	0.083	X	1.082	1.113	0.031	X	1.060	1.205	0.145	—
*AVIATION BLVD at IMPERIAL HWY	13	5896	7681	6716	—	1.033	0.631	-0.202	—	1.307	1.214	-0.093	—	1.254	1.166	-0.087	—
AVIATION BLVD at MANCHESTER AV	14	3290	4474	5212	—	1.152	0.683	-0.469	—	1.047	0.852	-0.195	—	1.493	1.194	-0.298	—
AVIATION BLVD at ROSECRANS AV	15	8087	9857	8098	Yes	1.329	1.346	0.017	X	1.659	1.676	0.017	X	1.594	1.705	0.111	—
CENTINELA AV at JEFFERSON BLVD	16	6267	7066	5130	—	1.152	1.096	-0.056	—	1.355	1.294	-0.062	—	1.090	1.102	0.012	—
SEPULVEDA BLVD at CENTINELA AV	22	7860	7933	5874	Yes	1.404	1.454	0.050	X	1.261	1.295	0.033	X	1.044	1.010	-0.033	—
*LA CIENEGA BLVD at CENTURY BLVD	26	6492	7643	5048	Yes	0.766	1.087	0.331	X	0.840	1.071	0.231	X	0.616	0.867	0.251	—
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4729	5307	2501	—	0.747	0.469	-0.277	—	0.874	0.625	-0.249	—	0.713	0.261	-0.452	—
CULVER BLVD at JEFFERSON BLVD	28	2220	4395	2739	—	0.867	0.498	-0.369	—	1.434	1.296	-0.138	—	0.454	0.355	-0.099	—
VISTA DEL MAR at CULVER BLVD	33	1066	1955	1423	—	0.642	0.308	-0.334	—	0.457	0.461	0.004	—	0.601	0.622	0.022	—
*DOUGLAS ST at IMPERIAL HWY	34	1979	3678	2954	—	0.385	0.329	-0.056	—	0.675	0.551	-0.124	—	0.975	1.087	0.112	—
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6867	8509	7743	Yes	1.110	1.127	0.017	X	1.279	1.233	-0.047	—	0.589	0.619	0.029	—
VISTA DEL MAR at GRAND AV	36	2256	2503	2266	—	0.915	0.677	-0.237	—	0.616	0.631	0.015	—	1.566	1.566	0.000	—
LA CIENEGA BLVD at FLORENCE AV	40	3323	4313	5643	—	0.789	0.807	0.018	—	1.087	1.028	-0.058	—	0.908	0.920	0.012	—
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2806	2716	2373	—	0.949	0.949	-0.265	—	0.988	0.881	-0.106	—	0.736	0.724	-0.011	—
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6558	6112	4880	Yes	0.748	0.877	0.130	X	0.959	0.935	-0.024	—	0.773	0.710	-0.063	—
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4241	4937	4680	—	0.740	0.665	-0.075	—	0.745	0.738	-0.008	—	0.636	0.648	0.012	—
*I-405 FWY NB RAMP at IMPERIAL HWY	46	1862	1983	4048	—	0.275	0.255	-0.020	—	0.303	0.292	-0.011	—	0.597			
*MAIN ST at IMPERIAL HWY (1)	47					0.781				1.083							
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2720	2920	1980			0.501				0.531				0.359		
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1925	1952	1485			0.493				0.559				0.515		
*I-105 FWY WB OFF/NASH ST at IMPERIAL HWY	48	3945	3834	2728	—	1.292	1.256	-0.036	—	0.614	0.699	0.085	—	0.447	0.412	-0.035	—
PERSHING DR at IMPERIAL HWY (3)	49					1.148				1.117				0.719	0.000		
*SEPULVEDA BLVD at IMPERIAL HWY	50	7111	8475	6501	Yes	0.822	1.036	0.213	X	1.092	1.667	0.575	X	0.842	0.604	0.062	—
*VISTA DEL MAR at IMPERIAL HWY	51	2424	3440	2419	—	0.971	0.677	-0.294	—	0.677	0.644	-0.033	—	0.686	0.712	0.026	—
*LA CIENEGA BLVD at IMPERIAL HWY	52	3805	3851	5536	Yes	0.691	0.784	0.093	X	0.544	0.581	0.037	—	0.574	0.580	0.007	—
I-405 N/B RAMP at JEFFERSON BLVD	54	3459	4667	3357	—	0.845	0.851	0.006	—	0.921	0.896	-0.023	—	0.733	0.693	-0.040	—
I-405 S/B RAMP at JEFFERSON BLVD	55	3593	4133	3196	—	0.530	0.489	-0.041	—	0.703	0.692	-0.011	—	0.477	0.439	-0.038	—
LINCOLN BLVD at JEFFERSON BLVD	57	8380	10167	6539	Yes	1.408	1.463	0.055	X	1.187	1.209	0.023	X	0.835	0.856	0.021	—
LA CIENEGA BLVD at 111TH ST (3)	67					0.224				0.273				0.625			
*LA CIENEGA BLVD at I-405 RAMP S/O CENTURY BL	68	2100	2471	3474	—	0.370	0.393	0.023	—	0.499	0.385	-0.114	—	0.577	0.597	0.019	—
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1720	1617	2282	—	0.286	0.285	-0.001	—	0.245	0.226	-0.019	—	0.369	0.339	-0.030	—
LA CIENEGA BLVD at LENNOX BLVD	71	2410	2204	3677	Yes	0.379	0.673	0.294	—	0.484	0.798	0.314	X	0.878	1.346	0.470	X
LA CIENEGA BLVD at MANCHESTER AV	72	3737	4156	5563	—	0.700	0.705	0.005	—	0.772	0.719	-0.054	—	1.148	1.146	-0.002	—
I-405 N/B RAMP at LA TIJERA BLVD	78	4042	4706	2227	Yes	0.828	1.003	0.176	X	0.941	0.849	-0.093	—	0.626	0.451	-0.175	—
I-405 S/B RAMP at LA TIJERA BLVD	79	4104	4646	3053	—	0.745	0.760	0.005	—	0.939	0.926	-0.013	—	0.422	0.582	0.160	—
LINCOLN BLVD at LA TIJERA BLVD	81	6473	7332	5169	Yes	0.609	0.856	0.347	X	0.656	1.250	0.694	X	0.422	1.017	0.596	—
LA TIJERA BLVD at MANCHESTER AV	82	2990	3940	3083	—	0.636	0.598	-0.039	—	0.763	0.742	-0.020	—	0.698	0.595	-0.103	—
SEPULVEDA BLVD at LA TIJERA BLVD	83	5947	6558	2999	Yes	0.889	1.246	0.357	X	0.910	1.366	0.477	X	0.485	0.837	0.352	—
LINCOLN BLVD at 83RD ST	87	7151	9973	7288	Yes	1.131	1.233	0.102	X	1.482	1.574	0.092	X	1.517	1.555	0.038	—
LINCOLN BLVD at MANCHESTER AV	88	7679	10317	6717	Yes	0.792	0.992	0.200	X	1.543	1.711	0.168	X	0.921	1.174	0.253	—
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.667				0.683				0.529			
LINCOLN BLVD at TEALE ST	94	6192	6881	5497	Yes	0.620	0.779	0.159	X	0.640	0.641	0.001	—	0.458	0.497	0.039	—
PERSHING DR at MANCHESTER AV	98	1329	2149	918	Yes	0.482	0.460	-0.022	—	0.610	1.046	0.436	X	0.366	0.235	-0.132	—
SEPULVEDA BLVD at MANCHESTER AV	99	6414	6361	3972	Yes	1.008	1.182	0.174	X	1.085	1.028	-0.057	—	0.888	0.830	-0.058	—
SEPULVEDA BLVD at MARIPOSA AV	100	8316	7919	6253	Yes	0.801	0.900	0.099	X	1.084	1.489	0.405	X	1.204	1.615	0.411	—
PERSHING DR at WESTCHESTER PKWY (2)	101	1751	2025	1363	Yes	0.331	0.589	0.258	—	0.299	0.742	0.443	X	0.138	0.483	0.344	—
SEPULVEDA BLVD at ROSECRANS AV	103	8566	10227	8565	Yes	1.645	1.637	-0.008	—	1.652	1.719	0.027	X	1.888	1.935	0.047	—
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4935	3818	4105	—	1.252	1.126	-0.126	—	1.023	0.868	-0.155	—	0.997	0.938	-0.059	—
SEPULVEDA BLVD at 76TH/77TH ST	106	5065	4107	3647	Yes	0.762	0.912	0.150	X	0.686	0.639	-0.027	—	0.722	0.646	-0.076	—
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.840				0.891				0.609			
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4889	5342	2420			0.668				0.861				0.463		
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5560	5841	2944			0.705				0.664				0.446		
*LA CIENEGA BLVD at I-405 SB RAMP N/O CENTURY	111	3616	4203	4077	—	0.588	0.629	0.043	—	0.555	0.665	0.111	—	0.688	0.657	-0.031	—
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4076	4457	2414	Yes	0.729	0.790	0.061	X	0.604	0.639	0.035	—	0.395	0.448	0.053	—
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3097	3569	3166	—	0.620	0.652	0.032	—	0.659	0.662	0.003	—	0.464	0.498	0.034	—
LA CIENEGA BLVD at 120TH ST	313	1117	1159	1148	—	0.298	0.323	0.025	—	0.426	0.409	-0.018	—	0.448	0.511	0.063	—
# IMPACTS					25												

Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better, (2) Redesigned for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better

Los Angeles International Airport Master Plan																											
2015 PHASE 3F - ALTERNATIVE C VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS																											
No.	Link Location	Significant Impact	AM Peak Hour								PM Peak Hour								Airport Peak Hour								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	n/o Van Ness Boulevard**	Yes	0.748	0.765	0.018	---	0.969	0.936	0.028	X	0.977	0.996	0.019	---	0.915	0.945	0.030	X	0.749	0.782	0.033	---	0.808	0.797	-0.011	---
2	Centennial Avenue	n/o Van Ness Boulevard**	Yes	0.922	0.954	0.032	X	0.645	0.665	0.021	---	0.837	0.855	0.018	---	0.898	0.929	0.030	X	0.739	0.771	0.032	---	0.875	0.875	0.000	---
3	Sanctuary Boulevard	n/o Van Ness Boulevard**	---	0.584	0.621	0.038	---	0.586	0.602	0.036	---	0.493	0.552	0.059	---	0.753	0.795	0.041	---	0.622	0.664	0.042	---	0.715	0.746	0.031	---
4	Sepulveda Boulevard	n/o Van Ness Boulevard**	Yes	0.870	0.974	0.004	---	0.734	0.759	0.025	---	1.063	1.076	0.013	---	0.933	0.966	0.033	X	0.827	0.833	0.006	---	0.982	0.995	0.013	---
5	Overland Avenue	n/o Van Ness Boulevard**	Yes	0.876	0.915	0.039	X	0.962	0.982	0.020	X	0.903	0.904	0.002	---	1.165	1.192	0.027	X	0.877	0.992	0.015	---	1.024	1.038	0.015	---
6	Stocker Street	n/o La Brea Avenue	---	0.504	0.513	0.009	---	0.512	0.531	0.019	---	0.656	0.650	-0.006	---	0.486	0.505	0.019	---	0.571	0.583	0.022	---	0.576	0.596	0.020	---
7	Stinson Avenue	n/o La Brea Avenue	---	0.423	0.422	-0.001	---	0.715	0.714	-0.001	---	0.639	0.664	0.025	---	0.478	0.484	0.005	---	0.383	0.401	0.016	---	0.374	0.398	-0.006	---
8	Centennial Avenue	n/o La Brea Avenue	---	0.448	0.428	-0.020	---	0.563	0.568	0.005	---	0.721	0.723	0.002	---	1.208	1.210	0.002	---	0.779	0.759	-0.020	---	0.619	0.615	-0.004	---
9	Las Campanas Boulevard	n/o Stinson Avenue	---	0.534	0.554	0.020	---	0.556	0.564	0.008	---	0.655	0.659	0.005	---	0.591	0.595	0.005	---	0.388	0.400	0.012	---	0.415	0.416	0.001	---
10	Manchester Boulevard	n/o La Brea Avenue	---	0.529	0.561	0.033	---	0.552	0.546	-0.006	---	0.655	0.687	0.032	---	0.620	0.648	0.027	---	0.468	0.471	0.004	---	0.520	0.531	0.011	---
11	Arroyo Viejo	n/o La Brea Avenue	---	0.445	0.474	0.029	---	0.284	0.308	0.024	---	0.429	0.485	0.077	---	0.453	0.542	0.089	---	0.631	0.659	0.038	---	0.376	0.394	0.018	---
12	Century Boulevard	n/o La Brea Avenue	---	0.445	0.536	0.121	---	0.508	0.539	0.031	---	0.637	0.691	0.054	---	0.476	0.520	0.023	---	0.523	0.546	0.023	---	0.446	0.482	0.036	---
13	Imperial Highway	n/o La Brea Avenue	---	0.298	0.317	0.019	---	0.380	0.376	-0.004	---	0.588	0.603	0.015	---	0.354	0.371	0.017	---	0.459	0.518	0.048	---	0.649	0.578	-0.029	---
14	Aviation Boulevard	n/o Rossmore Avenue	---	0.883	0.894	0.011	---	0.234	0.260	0.027	---	0.480	0.465	0.006	---	0.759	0.796	0.037	---	0.410	0.443	0.033	---	0.317	0.345	0.028	---
15	Sepulveda Boulevard	n/o Rossmore Avenue	---	0.635	0.921	-0.314	---	0.269	0.285	0.015	---	0.471	0.475	0.005	---	0.879	0.889	0.011	---	0.515	0.539	0.018	---	0.580	0.545	-0.005	---
16	Pacific Avenue	n/o Van Ness Boulevard**	---	0.313	0.372	0.059	---	0.598	0.597	0.008	---	0.346	0.357	0.010	---	0.515	0.447	0.027	---	0.446	0.487	0.042	---	0.575	0.565	-0.010	---
17	Washington Boulevard	n/o Lincoln Boulevard**	---	0.654	0.665	0.011	---	0.418	0.411	-0.007	---	0.555	0.589	-0.006	---	0.474	0.474	0.000	---	0.339	0.338	-0.001	---	0.490	0.498	-0.002	---
18	Marina Freeway	n/o Lincoln Boulevard**	---	0.261	0.287	0.026	---	0.275	0.257	-0.018	---	0.310	0.308	-0.002	---	0.296	0.300	0.004	---	0.346	0.345	-0.001	---	0.318	0.310	-0.008	---
19	Calver Boulevard	n/o Lincoln Boulevard	---	0.641	0.593	0.047	---	0.039	0.019	-0.020	---	0.285	0.255	0.021	---	0.384	0.354	-0.010	---	0.353	0.337	-0.016	---	0.421	0.398	-0.023	---
20	Jefferson Avenue	n/o Lincoln Boulevard**	Yes	0.782	0.753	-0.028	---	0.335	0.349	0.014	---	0.475	0.521	0.045	---	0.927	0.948	0.021	X	0.274	0.251	-0.023	---	0.299	0.293	-0.006	---
21	Lincoln Boulevard	n/o Jefferson Avenue**	Yes	0.829	1.054	0.226	X	0.410	0.385	-0.025	---	0.911	0.909	-0.002	---	0.675	0.700	0.025	---	0.611	0.650	0.039	---	0.639	0.635	-0.004	---
22	Calver Boulevard	n/o Jefferson Avenue**	---	0.735	0.456	-0.279	---	0.234	0.291	-0.003	---	0.519	0.507	-0.010	---	0.691	0.820	-0.261	---	0.421	0.397	-0.024	---	0.454	0.454	-0.009	---
23	Vista Del Mar	n/o Calver Boulevard**	---	0.413	0.134	-0.279	---	0.182	0.134	-0.048	---	0.254	0.279	0.025	---	0.452	0.401	-0.251	---	0.332	0.244	-0.388	---	0.274	0.265	-0.009	---
24	La Brea Avenue	n/o Stinson Avenue	---	0.676	0.882	0.005	---	0.456	0.473	0.007	---	0.659	0.656	0.008	---	0.625	0.617	-0.008	---	0.624	0.630	0.006	---	0.583	0.580	-0.003	---
25	Jefferson Boulevard	n/o Radnor Road	---	0.398	0.404	0.005	---	0.896	0.883	0.016	---	0.585	0.585	-0.010	---	0.521	0.514	-0.008	---	0.164	0.174	0.009	---	0.706	0.716	0.012	---
26	Sepulveda Boulevard	n/o Stinson Avenue	Yes	0.591	0.957	0.055	X	0.399	0.400	0.001	---	0.742	0.742	0.000	---	0.828	0.845	0.016	---	0.540	0.514	-0.027	---	0.515	0.501	-0.014	---
27	Centennial Avenue	n/o Sepulveda Boulevard	Yes	0.435	0.481	0.055	---	0.945	0.962	0.016	---	0.864	0.865	0.001	---	0.692	0.775	0.083	X	0.546	0.570	0.024	---	0.803	0.796	-0.013	---
28	El Segundo Boulevard	n/o Hawthorne Boulevard	---	0.193	0.209	0.015	---	0.518	0.521	0.003	---	0.794	0.805	0.014	---	0.397	0.410	0.013	---	0.696	0.694	-0.002	---	0.988	0.902	0.015	---
29	Ingliswood Boulevard	n/o Rossmore Avenue	---	0.484	0.509	0.025	---	0.376	0.386	0.011	---	0.602	0.518	0.016	---	0.828	0.856	0.039	---	0.579	0.548	0.039	---	0.339	0.324	-0.015	---
30	Vista Del Mar	n/o Grand Avenue	---	0.654	0.703	-0.151	---	0.153	0.163	0.010	---	0.216	0.218	0.002	---	0.581	0.534	0.047	---	0.318	0.339	-0.009	---	0.223	0.244	0.021	---
# IMPACTS			B																								

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan																											
2015 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS																											
No.	Link/Location	Significant Impact	AM Peak Hour								PM Peak Hour								Airport Peak Hour								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	Yes	0.748	0.768	0.020	---	0.969	0.923	0.014	---	0.977	0.975	-0.002	---	0.915	0.935	0.020	X	0.749	0.781	0.032	---	0.809	0.809	0.001	---
2	Centinela Avenue	s/o Venice Boulevard**	Yes	0.922	0.951	0.029	X	0.645	0.667	0.023	---	0.837	0.849	0.012	---	0.898	0.909	0.041	X	0.739	0.770	0.031	---	0.875	0.877	0.002	---
3	Santa Monica Boulevard	s/o Venice Boulevard**	-	0.584	0.615	0.031	---	0.565	0.612	0.045	---	0.459	0.517	0.024	---	0.763	0.789	0.036	---	0.622	0.671	0.049	---	0.715	0.747	0.032	---
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.870	0.881	0.011	---	0.734	0.753	0.019	---	1.063	1.087	0.024	X	0.933	0.961	0.028	X	0.827	0.828	0.001	---	0.982	0.977	-0.005	---
5	Overland Avenue	s/o Venice Boulevard**	Yes	0.876	0.930	0.054	X	0.962	0.987	0.025	X	0.903	0.915	0.012	---	1.165	1.186	0.021	X	0.877	0.902	0.024	---	1.024	1.041	0.018	---
6	Stocker Street	s/o La Brea Avenue	-	0.504	0.524	0.020	---	0.512	0.549	0.038	---	0.658	0.651	-0.005	---	0.485	0.511	0.025	---	0.571	0.589	0.018	---	0.576	0.630	0.024	---
7	Slouson Avenue	s/o La Brea Avenue	-	0.423	0.415	0.008	---	0.715	0.712	-0.003	---	0.639	0.651	0.012	---	0.383	0.405	0.022	---	0.374	0.405	0.022	---	0.374	0.382	-0.011	---
8	Centinela Avenue	s/o La Brea Avenue	-	0.448	0.418	-0.030	---	0.963	0.952	-0.011	---	0.721	0.709	-0.011	---	1.208	1.195	-0.012	---	0.779	0.744	-0.035	---	0.619	0.625	-0.014	---
9	La Cienega Boulevard	s/o Slouson Avenue	-	0.534	0.561	0.027	---	0.556	0.563	0.007	---	0.555	0.665	0.010	---	0.591	0.605	0.014	---	0.388	0.397	0.008	---	0.415	0.415	0.000	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.529	0.567	0.038	---	0.552	0.548	-0.005	---	0.635	0.666	0.031	---	0.820	0.645	0.024	---	0.468	0.474	0.006	---	0.523	0.532	0.012	---
11	Arbor Vitae	w/o La Brea Avenue	-	0.445	0.471	0.026	---	0.284	0.308	0.024	---	0.409	0.470	0.061	---	0.453	0.531	0.078	---	0.631	0.652	0.021	---	0.376	0.363	0.013	---
12	Century Boulevard	w/o La Brea Avenue	-	0.445	0.560	0.115	---	0.508	0.531	0.023	---	0.637	0.684	0.047	---	0.476	0.509	0.033	---	0.523	0.548	0.025	---	0.446	0.475	0.029	---
13	Imperial Highway	w/o La Brea Avenue	-	0.268	0.308	0.041	---	0.380	0.369	-0.012	---	0.588	0.594	0.006	---	0.354	0.364	0.010	---	0.469	0.502	0.032	---	0.649	0.676	0.026	---
14	Aviation Boulevard	s/o Rossmore Avenue	-	0.683	0.697	0.014	---	0.234	0.237	0.003	---	0.450	0.463	0.003	---	0.759	0.798	0.039	---	0.410	0.434	0.025	---	0.317	0.365	0.016	---
15	Sepulveda Boulevard	s/o Rossmore Avenue	-	0.585	0.621	-0.014	---	0.269	0.286	0.016	---	0.471	0.478	0.008	---	0.879	0.881	0.002	---	0.515	0.532	0.017	---	0.550	0.549	-0.001	---
16	Pacific Avenue	s/o Venice Boulevard**	-	0.313	0.374	0.061	---	0.588	0.595	0.007	---	0.346	0.352	0.006	---	0.515	0.545	0.030	---	0.448	0.487	0.041	---	0.575	0.562	-0.013	---
17	Washington Boulevard	w/o Lincoln Boulevard**	-	0.534	0.555	0.021	---	0.419	0.403	-0.015	---	0.565	0.535	0.000	---	0.474	0.473	0.001	---	0.339	0.343	0.004	---	0.490	0.488	-0.002	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.261	0.293	0.032	---	0.275	0.256	-0.019	---	0.310	0.309	-0.001	---	0.296	0.331	0.005	---	0.346	0.345	-0.001	---	0.316	0.307	-0.011	---
19	Culver Boulevard	s/o Lincoln Boulevard**	-	0.641	0.569	-0.051	---	0.539	0.019	-0.021	---	0.285	0.284	-0.003	---	0.364	0.352	-0.012	---	0.353	0.321	-0.032	---	0.421	0.390	-0.031	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.792	0.763	-0.019	---	0.335	0.381	0.046	---	0.476	0.522	0.027	---	0.927	0.930	0.003	---	0.274	0.254	0.020	---	0.299	0.282	-0.017	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.829	1.043	0.214	X	0.410	0.365	-0.024	---	0.911	0.908	-0.004	---	0.675	0.704	0.029	---	0.611	0.652	0.041	---	0.639	0.630	-0.028	---
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.735	0.440	-0.284	---	0.294	0.290	-0.003	---	0.518	0.498	-0.019	---	0.881	0.806	-0.075	---	0.421	0.384	-0.036	---	0.464	0.451	-0.013	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.413	0.130	-0.283	---	0.182	1.138	-0.046	---	0.254	0.276	0.021	---	0.452	0.400	-0.052	---	0.332	0.248	-0.084	---	0.274	0.256	-0.008	---
24	La Brea Avenue	s/o Slouson Avenue	-	0.676	0.681	0.004	---	0.486	0.473	0.005	---	0.659	0.663	0.002	---	0.625	0.612	-0.013	---	0.524	0.524	0.000	---	0.583	0.570	-0.014	---
25	Jefferson Boulevard	s/o Rodas Road	-	0.398	0.435	0.037	---	0.866	0.892	0.026	---	0.566	0.549	-0.016	---	0.821	0.631	0.203	---	0.540	0.508	-0.032	---	0.515	0.480	-0.025	---
26	Sepulveda Boulevard	s/o Slouson Avenue	Yes	0.901	0.986	0.055	X	0.399	0.404	0.005	---	0.742	0.740	-0.001	---	0.928	0.631	0.203	---	0.540	0.508	-0.032	---	0.515	0.480	-0.025	---
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.405	0.445	0.039	---	0.345	0.964	0.018	---	0.864	0.691	-0.002	---	0.892	0.766	0.075	---	0.546	0.566	0.040	---	0.809	0.781	-0.018	---
28	San Segundo Boulevard	w/o Hawthorne Avenue	Yes	0.193	0.204	0.011	---	0.519	0.520	0.002	---	0.794	0.804	0.010	---	0.397	0.404	0.007	---	0.896	0.695	-0.001	---	0.888	0.929	0.020	X
29	Ingleswood Boulevard	s/o Rossmore Avenue	-	0.484	0.504	0.020	---	0.376	0.385	0.009	---	0.502	0.526	0.025	---	0.829	0.829	0.002	---	0.508	0.548	0.030	---	0.336	0.323	-0.016	---
30	Vista Del Mar	s/o Grand Avenue	-	0.854	0.762	-0.182	---	0.153	0.161	0.008	---	0.216	0.218	0.003	---	0.581	0.530	-0.051	---	0.318	0.310	-0.007	---	0.283	0.246	0.023	---
* IMPACTS			7																								

## Los Angeles International Airport Master Plan

[illegible]

Los Angeles International Airport Master Plan 2015 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			Adj. Env. V/C	Alt C V/C	Alt C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C-Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C-Adj. Env.	Pk Hr Impact
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.842	0.999	0.047	—	0.836	0.856	0.020	—	0.978	0.998	0.021	—	0.770	0.789	0.019	—	1.037	1.081	0.044	X	0.972	1.003	0.031	X
2	Interstate 405 n/o La Tijera Blvd. HOV	Yes	0.371	0.438	0.068	—	0.765	0.807	0.022	—	0.685	0.917	0.052	—	0.780	0.805	0.025	—	0.830	0.891	0.061	—	1.267	1.322	0.033	X
3	Interstate 405 s/o Rosecrans Ave. HOV	Yes	1.009	0.932	-0.078	—	1.167	0.987	-0.181	—	1.203	1.048	-0.156	—	1.130	0.982	-0.148	—	1.244	1.110	-0.134	—	1.106	0.931	-0.176	—
4	Interstate 405 s/o Rosecrans Ave. HOV	Yes	0.454	0.473	0.019	—	0.690	0.587	-0.104	—	0.875	0.802	-0.073	—	0.750	0.658	-0.092	—	0.914	0.763	-0.151	—	1.140	0.934	-0.206	—
5	Interstate 105 s/o Cranebury Blvd. HOV	Yes	1.117	1.129	0.013	—	0.928	0.986	0.058	—	1.032	1.075	0.023	X	1.218	1.234	0.017	X	1.198	1.235	0.036	X	1.145	1.174	0.025	—
6	Interstate 105 s/o Cranebury Blvd. HOV	Yes	0.553	0.625	0.072	—	0.386	0.535	0.149	—	0.616	0.661	0.045	—	0.696	0.857	0.161	—	0.818	0.816	-0.002	—	0.811	0.978	0.166	—
7	Interstate 105 s/o Cranebury Blvd. HOV	Yes	0.810	0.993	0.094	—	1.024	1.144	0.119	X	0.945	1.053	0.108	X	0.958	1.062	0.104	X	0.578	0.682	0.084	—	0.627	0.721	0.094	—
8	Interstate 105 s/o Cranebury Blvd. HOV	Yes	0.348	0.435	0.088	—	0.511	0.600	0.089	—	0.699	0.780	0.081	—	0.538	0.635	0.097	—	0.691	0.802	0.111	—	0.796	0.851	0.055	—
# IMPACTS		4																								

## 2015 PHASE 3F - ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

## # IMPACTS

Los Angeles International Airport Master Plan  
NATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVI  
WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

# IMPACTS



		No Action/No Project App Vol				Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
INTERSECTIONS	BA ID	AM	PM	AP	Adj. Env. V/C		NANP V/C	NANP - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	NANP V/C	NANP - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	NANP V/C	NANP - Adj. Env.	Pk-Hr Impact	
*AIRPORT BLVD at ARBOR VITAE ST	3	4157	5235	5699	Yes	0.689	1.027	0.358	X	0.917	1.170	0.253	X	0.974	1.317	0.343	X	
AIRPORT BLVD at CENTURY BLVD	4	5166	5845	4633	---	0.486	0.633	0.147	---	0.663	0.700	0.037	---	0.753	0.726	-0.027	---	
AIRPORT BLVD at LA TIJERA BLVD	5	3381	4062	3702	Yes	0.579	0.643	0.064	---	0.581	0.743	0.162	X	0.754	0.771	0.017	---	
AIRPORT BLVD at MANCHESTER AV	6	4867	5317	5584	Yes	0.793	0.985	0.192	X	0.868	0.981	0.093	X	0.987	0.997	0.011	X	
*AVIATION BLVD at ARBOR VITAE ST	7	5838	8592	5546	Yes	0.745	1.131	0.386	X	0.973	1.287	0.314	X	0.913	1.051	0.137	---	
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5534	5958	5244	Yes	0.949	1.219	0.270	X	0.944	1.003	0.059	X	0.893	0.997	0.105	---	
AVIATION BLVD at 111TH ST	10	3084	3584	4842	---	0.432	0.617	0.185	---	0.486	0.653	0.167	---	0.842	0.830	-0.012	---	
*AVIATION BLVD at CENTURY BLVD	11	8094	9531	8341	Yes	0.940	1.193	0.253	X	1.062	1.143	0.081	X	1.850	1.937	0.087	---	
*AVIATION BLVD at EL SEGUNDO BLVD	12	5852	7192	5974	Yes	1.089	1.221	0.132	X	1.082	1.160	0.078	X	1.060	1.151	0.091	---	
*AVIATION BLVD at IMPERIAL HWY	13	8856	8343	7231	---	1.033	0.992	-0.042	---	1.307	1.096	-0.211	---	1.254	1.205	-0.049	---	
AVIATION BLVD at MANCHESTER AV	14	4942	5367	5541	Yes	1.152	1.464	0.312	X	1.047	1.138	0.089	X	1.493	1.544	0.051	X	
AVIATION BLVD at ROSECRANS AV	15	8301	10196	7854	Yes	1.329	1.434	0.105	X	1.859	1.747	0.888	X	1.594	1.654	0.060	---	
CENTINELA AV at JEFFERSON BLVD	18	6802	7780	5518	Yes	1.152	1.209	0.058	X	1.355	1.371	0.015	X	1.090	1.141	0.051	---	
SEPULVEDA BLVD at CENTINELA AV	22	7799	8343	6134	Yes	1.404	1.517	0.114	X	1.261	1.340	0.079	X	1.044	1.074	0.031	---	
*LA CIENEGA BLVD at CENTURY BLVD	26	6323	7794	4830	Yes	0.756	0.912	0.156	X	0.840	0.938	0.086	X	0.816	0.627	0.011	---	
*SEPULVEDA BLVD at CENTURY BLVD	27	7533	8141	7638	Yes	0.747	0.852	0.105	X	0.874	0.891	0.017	---	0.713	0.808	0.097	---	
CULVER BLVD at JEFFERSON BLVD	28	3102	4779	2907	---	0.867	0.837	-0.030	---	1.434	1.360	-0.074	---	0.749	0.772	0.023	---	
VISTA DEL MAR at CULVER BLVD	33	1882	2165	1745	---	0.642	0.642	0.000	---	0.457	0.506	0.049	---	0.454	0.468	0.015	---	
*DOUGLAS ST at IMPERIAL HWY	34	2903	4463	3119	Yes	0.385	0.435	0.051	---	0.675	0.740	0.086	X	0.601	0.577	-0.023	---	
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	7343	8759	7680	Yes	1.110	1.244	0.135	X	1.279	1.349	0.070	X	0.975	1.028	0.053	---	
VISTA DEL MAR at GRAND AV	36	3264	2611	1950	Yes	0.915	1.111	0.196	X	0.516	0.571	0.055	---	0.589	0.634	0.045	---	
LA CIENEGA BLVD at FLORENCE AV	40	4051	4954	5796	Yes	0.789	0.910	0.121	X	1.087	1.195	0.103	X	1.566	1.604	0.038	X	
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	3114	2981	2373	Yes	1.214	1.286	0.072	X	0.988	0.886	0.028	X	0.908	0.934	0.026	---	
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6160	6980	5603	Yes	0.748	0.784	0.016	---	0.959	1.038	0.079	X	0.738	0.755	0.020	---	
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5228	5411	5124	Yes	0.740	0.672	-0.068	---	0.745	0.820	0.074	X	0.773	0.814	0.041	---	
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	2062	2215	4185	---	0.275	0.359	0.084	---	0.303	0.337	0.034	---	0.636	0.679	0.043	---	
*MAIN ST at IMPERIAL HWY	47	3691	4838	3210	Yes	0.781	0.876	0.096	X	1.083	1.178	0.095	X	0.597	0.606	0.009	---	
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	4373	4665	2956	Yes	1.282	1.174	-0.118	---	0.614	0.780	0.166	X	0.447	0.430	-0.018	---	
PERSHING DR at IMPERIAL HWY	49	4278	4704	2818	Yes	1.148	1.548	0.400	X	1.117	1.281	0.164	X	0.719	0.806	0.087	---	
*SEPULVEDA BLVD at IMPERIAL HWY	50	7090	8727	7476	Yes	0.822	0.874	0.052	X	1.092	1.145	0.052	X	0.842	1.143	0.301	---	
*VISTA DEL MAR at IMPERIAL HWY	51	3697	3495	2722	Yes	0.971	1.018	0.047	X	0.677	0.703	0.026	---	0.688	0.688	0.012	---	
*LA CIENEGA BLVD at IMPERIAL HWY	52	4597	4263	5688	Yes	0.691	1.046	0.355	X	0.544	0.579	0.035	---	0.574	0.597	0.023	---	
I-405 N/B RAMPS at JEFFERSON BLVD	54	3475	4328	3487	Yes	0.845	0.893	0.048	X	0.921	0.974	0.053	X	0.733	0.732	-0.002	---	
I-405 S/B RAMPS at JEFFERSON BLVD	55	3818	4359	3361	---	0.530	0.517	-0.013	---	0.703	0.720	0.017	---	0.477	0.487	0.011	---	
LINCOLN BLVD at JEFFERSON BLVD	57	7497	10651	6621	Yes	1.408	1.416	0.008	---	1.187	1.291	0.104	X	0.835	0.865	0.030	---	
LA CIENEGA BLVD at 111TH ST	67	1865	1510	2758	---	0.224	0.534	0.310	---	0.273	0.351	0.077	---	0.625	0.673	0.047	---	
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2286	2779	3535	---	0.370	0.401	0.031	---	0.499	0.557	0.057	---	0.577	0.601	0.023	---	
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1274	1121	2320	---	0.286	0.217	-0.069	---	0.245	0.168	-0.077	---	0.369	0.361	-0.008	---	
LA CIENEGA BLVD at LENNOX BLVD	71	2288	2054	3245	---	0.379	0.458	0.079	---	0.484	0.649	0.165	---	0.876	0.885	0.009	---	
LA CIENEGA BLVD at MANCHESTER AV	72	3981	4609	5581	Yes	0.700	0.795	0.095	X	0.772	0.845	0.073	X	1.148	1.232	0.084	X	
I-405 N/B RAMPS at LA TIJERA BLVD	78	4881	5155	2545	Yes	0.828	0.861	0.033	X	0.941	0.931	-0.009	---	0.626	0.649	0.023	---	
I-405 S/B RAMPS at LA TIJERA BLVD	79	4812	5310	3400	Yes	0.745	0.784	0.039	---	0.939	0.980	0.041	X	0.422	0.442	0.020	---	
LINCOLN BLVD at LA TIJERA BLVD	81	3950	5147	3280	---	0.509	0.577	0.068	---	0.556	0.612	0.056	---	0.422	0.497	0.076	---	
LA TIJERA BLVD at MANCHESTER AV	82	3947	5176	4008	Yes	0.636	0.768	0.130	X	0.763	0.940	0.178	X	0.688	0.742	0.044	---	
SEPULVEDA BLVD at LA TIJERA BLVD	83	5304	5933	2769	Yes	0.889	0.942	0.053	X	0.910	1.061	0.151	X	0.485	0.560	0.075	---	
LINCOLN BLVD at 83RD ST	87	6142	10805	7557	Yes	1.131	1.182	0.052	X	1.482	1.894	0.412	X	1.517	1.561	0.044	---	
LINCOLN BLVD at MANCHESTER AV	88	7134	10763	8832	Yes	0.792	1.074	0.282	X	1.543	2.202	0.658	X	0.921	1.041	0.120	---	
SEPULVEDA BLVD at LINCOLN BLVD	89	6924	7801	6045	---	0.887	0.663	-0.004	---	0.683	0.671	-0.012	---	0.529	0.546	0.017	---	
LINCOLN BLVD at TEALE ST	94	4830	7087	5441	Yes	0.620	0.528	-0.091	---	0.640	0.705	0.065	X	0.458	0.464	0.006	---	
PERSHING DR at MANCHESTER AV	98	2047	2613	1231	Yes	0.482	0.532	0.050	---	0.610	0.806	0.196	X	0.386	0.335	-0.031	---	
SEPULVEDA BLVD at MANCHESTER AV	99	6885	7437	5048	Yes	1.008	1.103	0.095	X	1.085	1.148	0.063	X	0.888	0.949	0.061	---	
SEPULVEDA BLVD at MARIPOSA AV	100	6233	7625	8158	Yes	0.801	0.889	0.088	X	1.084	1.145	0.061	X	1.204	1.194	-0.010	---	
PERSHING DR at WESTCHESTER PKWY	101	2651	2873	1394	---	0.331	0.454	0.123	---	0.299	0.437	0.138	---	0.138	0.168	0.030	---	
SEPULVEDA BLVD at ROSECRANS AV	103	9182	10454	8565	Yes	1.645	1.882	0.237	X	1.692	1.753	0.081	X	1.888	1.919	0.031	---	
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	6179	4910	5314	Yes	1.252	1.414	0.162	X	1.023	1.115	0.093	X	0.997	1.211	0.214	---	
SEPULVEDA BLVD at 76TH/77TH ST	106	4794	5158	4502	Yes	0.762	0.801	0.039	X	0.666	0.723	0.057	X	0.722	0.748	0.026	---	
*SEPULVEDA BLVD at WESTCHESTER PKWY	109	5122	6082	3120	Yes	0.840	0.679	0.039	X	0.991	1.031	0.041	X	0.609	0.637	0.028	---	
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2721	3120	2917	Yes	0.586	0.727	0.141	X	0.555	0.585	0.030	---	0.688	0.670	-0.018	---	
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4025	4747	2428	Yes	0.729	0.831	0.102	X	0.604	0.693	0.089	---	0.395	0.393	-0.002	---	
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3511	4078	3179	Yes	0.620	0.766	0.148	X	0.659	0.764	0.105	X	0.464	0.486	0.022	---	
LA CIENEGA BLVD at 120TH ST	313	1463	1526	1112	---	0.298	0.434	0.135	---	0.428	0.468	0.042	---	0.448	0.488	0.020	---	
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Notes: (\*) Airport Access Facility, must maintain LOS E or better

## 2015 PHASE 3F - NO ACTION/NO PROJECT ALTERNATIVE VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

2015 PHASE 3F - NO ACTIONING PROJECTS: FUTURE IMPROVEMENTS TO THE 101 CORRIDOR																											
No.		Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR							
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
				Adj. Env. V/C	NANP V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env.	Pk Hr Impact
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.748	0.750	0.303	---	0.909	0.916	0.007	---	0.977	0.979	0.002	---	0.915	0.919	0.034	---	0.749	0.753	0.014	---	0.808	0.807	-0.001	---
2	Centinela Avenue	s/o Venice Boulevard**	-	0.922	0.939	0.017	---	0.645	0.665	0.021	---	0.837	0.849	0.012	---	0.898	0.913	0.014	---	0.739	0.754	0.015	---	0.875	0.878	0.003	---
3	Sawdella Boulevard	s/o Venice Boulevard**	-	0.584	0.633	0.049	---	0.585	0.505	0.039	---	0.493	0.516	0.023	---	0.753	0.767	0.014	---	0.522	0.628	0.006	---	0.715	0.704	-0.011	---
4	Sequoyia Boulevard	s/o Venice Boulevard**	Yes	0.870	0.977	0.028	---	0.734	0.740	0.006	---	1.263	1.090	0.026	X	0.933	0.944	0.011	---	0.827	0.837	0.009	---	0.992	0.990	0.007	---
5	Oreland Avenue	s/o Venice Boulevard**	Yes	0.876	0.900	0.024	X	0.952	1.008	0.046	X	0.903	0.909	0.007	---	1.165	1.162	-0.003	---	0.877	0.871	-0.007	---	1.024	1.052	0.025	---
6	Stocker Street	e/o La Brea Avenue	-	0.423	0.456	0.033	---	0.715	0.738	0.023	---	0.639	0.697	0.058	---	0.478	0.499	0.021	---	0.383	0.389	0.006	---	0.374	0.378	0.004	---
7	Stauson Avenue	e/o La Brea Avenue	-	0.504	0.504	0.000	---	0.512	0.546	0.336	---	0.656	0.669	0.014	---	0.486	0.499	0.012	---	0.391	0.399	0.006	---	0.519	0.627	0.308	---
8	Centinela Avenue	e/o La Brea Avenue	Yes	0.448	0.510	0.062	---	0.963	1.025	0.062	X	0.721	0.769	0.048	---	1.208	1.249	0.042	X	0.779	0.768	0.009	---	0.619	0.627	0.008	---
9	La Cienega Boulevard	s/o Stauson Avenue	-	0.534	0.549	0.015	---	0.556	0.606	0.050	---	0.655	0.677	0.023	---	0.591	0.600	0.010	---	0.389	0.397	0.009	---	0.415	0.426	0.012	---
10	Manchester Boulevard	w/o La Brea Avenue	-	0.529	0.547	0.018	---	0.582	0.611	0.059	---	0.655	0.701	0.045	---	0.620	0.519	-0.001	---	0.498	0.474	0.006	---	0.523	0.574	0.014	---
11	Astor Place	w/o La Brea Avenue	-	0.445	0.464	0.019	---	0.529	0.580	0.049	---	0.409	0.452	0.059	---	0.459	0.522	0.067	---	0.631	0.651	0.020	---	0.375	0.392	0.016	---
12	Century Boulevard	w/o La Brea Avenue	-	0.445	0.464	0.019	---	0.529	0.580	0.072	---	0.637	0.694	0.056	---	0.476	0.538	0.061	---	0.523	0.538	0.015	---	0.446	0.478	0.032	---
13	Imperial Highway	w/o La Brea Avenue	-	0.298	0.265	-0.033	---	0.380	0.464	0.084	---	0.588	0.680	0.093	---	0.354	0.378	0.024	---	0.459	0.496	0.016	---	0.645	0.708	0.059	---
14	Aviation Boulevard	n/o Rossmore Avenue	Yes	0.683	0.741	0.058	---	0.234	0.229	-0.004	---	0.450	0.461	0.010	---	0.759	0.813	0.054	X	0.410	0.435	0.025	---	0.317	0.344	0.027	---
15	Sequoyia Boulevard	n/o Rossmore Avenue	Yes	0.935	1.028	0.293	X	0.269	0.273	0.004	---	0.471	0.475	0.004	---	0.879	0.902	0.023	X	0.515	0.537	0.022	---	0.550	0.543	-0.010	---
16	Pacific Avenue	e/o Venice Boulevard**	-	0.313	0.319	0.005	---	0.588	0.578	-0.010	---	0.346	0.360	0.014	---	0.515	0.523	0.008	---	0.446	0.491	0.015	---	0.575	0.563	-0.012	---
17	Washington Boulevard	e/o Lincoln Boulevard**	-	0.554	0.682	0.027	---	0.418	0.432	0.013	---	0.565	0.619	0.024	---	0.474	0.480	0.007	---	0.329	0.334	-0.005	---	0.490	0.490	-0.001	---
18	Marina Freeway	e/o Lincoln Boulevard**	-	0.261	0.282	0.021	---	0.275	0.259	0.021	---	0.310	0.325	0.015	---	0.296	0.309	0.013	---	0.346	0.350	0.003	---	0.319	0.319	0.001	---
19	Culver Boulevard	e/o Lincoln Boulevard	-	0.641	0.625	-0.015	---	0.039	0.030	-0.009	---	0.285	0.300	0.014	---	0.364	0.368	0.022	---	0.353	0.361	0.008	---	0.421	0.442	0.021	---
20	Jefferson Avenue	e/o Lincoln Boulevard**	Yes	0.792	0.833	0.052	X	0.335	0.518	0.183	---	0.475	0.606	0.130	---	0.927	1.015	0.088	X	0.274	0.287	0.013	---	0.299	0.333	0.033	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.829	0.717	-0.112	---	0.410	0.399	-0.011	---	0.911	0.988	0.077	X	0.675	0.672	-0.003	---	0.611	0.622	0.011	---	0.539	0.658	0.019	---
22	Culver Boulevard	w/o Jefferson Avenue**	-	0.735	0.704	-0.031	---	0.294	0.345	0.051	---	0.518	0.597	0.079	---	0.881	0.875	-0.006	---	0.421	0.427	0.007	---	0.464	0.485	0.021	---
23	Vista Del Mar	e/o Culver Boulevard**	-	0.413	0.395	-0.018	---	0.182	0.185	0.013	---	0.254	0.285	0.031	---	0.452	0.470	0.018	---	0.332	0.339	0.008	---	0.274	0.289	0.015	---
24	La Brea Avenue	n/o Stauson Avenue	-	0.675	0.687	0.011	---	0.465	0.526	0.060	---	0.659	0.688	0.029	---	0.625	0.624	-0.001	---	0.524	0.529	0.005	---	0.593	0.597	0.014	---
25	Jefferson Boulevard	n/o Rodeno Road	-	0.398	0.405	0.008	---	0.666	0.871	0.004	---	0.565	0.575	0.011	---	0.521	0.525	0.004	---	0.164	0.159	0.005	---	0.706	0.722	0.016	---
26	Sequoyia Boulevard	s/o Stauson Avenue	Yes	0.901	0.921	0.020	X	0.399	0.433	0.034	---	0.742	0.809	0.067	X	0.628	0.635	0.007	---	0.543	0.554	0.014	---	0.515	0.521	0.005	---
27	Centinela Avenue	w/o Sequoyia Boulevard	Yes	0.435	0.549	0.143	---	0.945	1.027	0.081	X	0.864	0.895	0.031	---	0.692	0.795	0.104	X	0.546	0.587	0.041	---	0.809	0.836	0.027	---
28	El Segundo Boulevard	w/o Hawthorne Boulevard	Yes	0.193	0.181	-0.013	---	0.518	0.597	0.069	---	0.794	0.873	0.079	X	0.397	0.417	0.020	---	0.596	0.703	0.207	---	0.888	0.926	0.038	X
29	Inglewood Boulevard	n/o Rossmore Avenue	Yes	0.484	0.556	0.072	---	0.376	0.395	0.019	---	0.502	0.554	0.052	---	0.828	0.870	0.242	X	0.509	0.554	0.045	---	0.339	0.352	0.014	---
30	Vista Del Mar	s/o Grand Avenue	Yes	0.854	0.903	0.049	X	0.183	0.160	0.007	---	0.216	0.219	0.003	---	0.581	0.611	0.030	---	0.318	0.323	0.005	---	0.223	0.228	0.005	---
# IMPACTS				12																							

\*\* Intersections at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

## 2015 PHASE 3F - NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS

No.		Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR											
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB							
				Adj. Env. V/C	NANP V/C	Adj. Env. V/C	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. V/C	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. V/C	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. V/C	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. V/C	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. V/C	Pk Hr Impact	Adj. Env. V/C	NANP V/C	Adj. Env. V/C	Pk Hr Impact
				V/C	V/C	Adj. Env. V/C	Impact	V/C	V/C	Adj. Env. V/C	Impact	V/C	V/C	Adj. Env. V/C	Impact	V/C	V/C	Adj. Env. V/C	Impact	V/C	V/C	Adj. Env. V/C	Impact	V/C	V/C	Adj. Env. V/C	Impact	V/C	V/C	Adj. Env. V/C	Impact
1	Lincoln Boulevard	s/o Vanice Boulevard**	-	0.748	0.748	0.000	---	0.909	0.913	0.004	---	0.977	0.973	-0.004	---	0.915	0.909	-0.006	---	0.749	0.759	0.010	---	0.838	0.807	-0.001	---	0.838	0.807	-0.001	---
2	Centinela Avenue	s/o Vanice Boulevard**	-	0.922	0.926	0.013	---	0.845	0.871	0.026	---	0.937	0.945	0.008	---	0.898	0.899	0.001	---	0.739	0.748	0.009	---	0.875	0.882	0.007	---	0.875	0.882	0.007	---
3	Scotfield Boulevard	s/o Vanice Boulevard**	-	0.584	0.604	0.020	---	0.566	0.597	0.031	---	0.493	0.512	0.019	---	0.753	0.752	-0.002	---	0.822	0.809	-0.014	---	0.715	0.696	-0.019	---	0.715	0.696	-0.019	---
4	Sepulveda Boulevard	s/o Vanice Boulevard**	Yes	0.870	0.875	0.305	---	0.734	0.729	-0.005	---	1.063	1.089	0.025	X	0.933	0.937	0.004	---	0.827	0.824	-0.004	---	0.982	0.986	0.003	---	0.982	0.986	0.003	---
5	Overland Avenue	s/o Vanice Boulevard**	-	0.875	0.875	-0.001	---	0.962	0.977	0.015	---	0.903	0.905	0.002	---	1.165	1.163	-0.002	---	0.877	0.877	0.000	---	1.024	1.039	0.015	---	1.024	1.039	0.015	---
6	Stocker Street	s/o La Brea Avenue	-	0.504	0.517	0.014	---	0.512	0.537	0.045	---	0.639	0.656	0.030	---	0.478	0.496	0.018	---	0.383	0.397	0.014	---	0.374	0.379	0.005	---	0.374	0.379	0.005	---
7	Slavson Avenue	s/o La Brea Avenue	-	0.423	0.447	0.024	---	0.715	0.725	0.010	---	0.639	0.656	0.030	---	0.478	0.496	0.018	---	0.383	0.397	0.014	---	0.374	0.379	0.005	---	0.374	0.379	0.005	---
8	Centinela Avenue	s/o La Brea Avenue	Yes	0.448	0.494	0.045	---	0.963	1.004	0.041	X	0.721	0.757	0.036	---	1.208	1.232	0.024	X	0.779	0.778	-0.001	---	0.819	0.820	0.001	---	0.819	0.820	0.001	---
9	La Cienega Boulevard	s/o Slavson Avenue	-	0.574	0.545	0.011	---	0.556	0.588	0.033	---	0.555	0.676	0.021	---	0.591	0.588	0.005	---	0.388	0.396	0.007	---	0.416	0.423	0.008	---	0.416	0.423	0.008	---
10	Manchester Boulevard	s/o La Brea Avenue	-	0.523	0.546	0.023	---	0.552	0.612	0.059	---	0.555	0.691	0.135	---	0.620	0.617	-0.004	---	0.468	0.471	0.003	---	0.320	0.334	0.014	---	0.320	0.334	0.014	---
11	Arbor Vitae	s/o La Brea Avenue	-	0.445	0.452	0.008	---	0.284	0.328	0.044	---	0.409	0.456	0.046	---	0.453	0.516	0.063	---	0.631	0.647	0.016	---	0.376	0.391	0.015	---	0.376	0.391	0.015	---
12	Century Boulevard	s/o La Brea Avenue	-	0.445	0.459	0.014	---	0.508	0.573	0.065	---	0.637	0.694	0.056	---	0.475	0.534	0.059	---	0.562	0.531	0.009	---	0.446	0.470	0.024	---	0.446	0.470	0.024	---
13	Imperial Highway	s/o La Brea Avenue	-	0.298	0.261	-0.037	---	0.380	0.458	0.078	---	0.598	0.671	0.083	---	0.756	0.821	0.065	X	0.410	0.424	0.014	---	0.317	0.326	0.009	---	0.317	0.326	0.009	---
14	Aviation Boulevard	s/o Rosecrans Avenue	Yes	0.683	0.732	0.047	---	0.234	0.274	0.005	---	0.471	0.471	0.000	---	0.879	0.907	0.028	X	0.515	0.537	0.022	---	0.550	0.543	-0.007	---	0.550	0.543	-0.007	---
15	Sepulveda Boulevard	s/o Rosecrans Avenue	Yes	0.935	1.033	0.098	X	0.269	0.274	0.005	---	0.471	0.471	0.000	---	0.879	0.907	0.028	X	0.515	0.537	0.022	---	0.550	0.543	-0.007	---	0.550	0.543	-0.007	---
16	Pacific Avenue	s/o Vanice Boulevard**	-	0.313	0.321	0.008	---	0.588	0.589	0.000	---	0.346	0.355	0.009	---	0.474	0.488	0.014	---	0.339	0.335	-0.004	---	0.490	0.487	-0.004	---	0.490	0.487	-0.004	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.654	0.684	0.030	---	0.419	0.431	0.013	---	0.310	0.321	0.011	---	0.296	0.305	0.009	---	0.346	0.350	0.003	---	0.319	0.318	0.000	---	0.319	0.318	0.000	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.261	0.279	0.018	---	0.275	0.293	0.017	---	0.286	0.289	0.003	---	0.264	0.276	0.012	---	0.353	0.357	0.004	---	0.421	0.430	0.009	---	0.421	0.430	0.009	---
19	Culver Boulevard	s/o Lincoln Boulevard	-	0.841	0.819	-0.021	---	0.339	0.345	0.006	---	0.476	0.514	0.138	---	0.927	1.017	0.091	X	0.274	0.282	0.008	---	0.299	0.342	0.043	---	0.299	0.342	0.043	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	Yes	0.782	0.798	0.016	---	0.335	0.345	0.010	---	0.476	0.514	0.138	---	0.927	1.017	0.091	X	0.274	0.282	0.008	---	0.299	0.342	0.043	---	0.299	0.342	0.043	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.829	0.707	-0.123	---	0.410	0.404	-0.006	---	0.911	0.991	0.080	X	0.875	0.858	-0.008	---	0.421	0.425	0.004	---	0.464	0.461	0.017	---	0.464	0.461	0.017	---
22	Culver Boulevard	s/o Jefferson Avenue**	-	0.735	0.700	-0.035	---	0.234	0.347	0.053	---	0.518	0.590	0.072	---	0.881	0.855	-0.025	---	0.421	0.425	0.004	---	0.464	0.461	0.017	---	0.464	0.461	0.017	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.413	0.392	-0.021	---	0.182	0.194	0.012	---	0.254	0.283	0.029	---	0.452	0.465	0.013	---	0.332	0.332	0.000	---	0.324	0.322	-0.002	---	0.324	0.322	-0.002	---
24	La Brea Avenue	s/o Slavson Avenue	-	0.676	0.686	0.010	---	0.465	0.520	0.054	---	0.653	0.670	0.017	---	0.825	0.823	0.005	---	0.540	0.541	0.001	---	0.525	0.520	-0.015	---	0.525	0.520	-0.015	---
25	Jefferson Boulevard	s/o Rodas Road	-	0.958	0.418	0.020	---	0.865	0.893	0.016	---	0.585	0.582	0.016	---	0.521	0.534	0.012	---	0.164	0.164	0.000	---	0.736	0.715	0.009	---	0.736	0.715	0.009	---
26	Sepulveda Boulevard	s/o Slavson Avenue	-	0.901	0.911	0.010	---	0.399	0.424	0.025	---	0.742	0.792	0.050	---	0.828	0.823	0.005	---	0.540	0.541	0.001	---	0.525	0.520	-0.015	---	0.525	0.520	-0.015	---
27	Centinela Avenue	s/o Sepulveda Boulevard	Yes	0.405	0.521	0.116	---	0.845	1.324	0.079	X	0.664	0.887	0.023	---	0.592	0.776	0.384	X	0.546	0.542	0.005	---	0.863	0.827	0.018	---	0.863	0.827	0.018	---
28	El Segundo Boulevard	s/o Hawthorne Boulevard	Yes	0.193	0.184	-0.010	---	0.518	0.592	0.064	---	0.794	0.665	0.073	X	0.397	0.435	0.008	---	0.696	0.703	0.007	---	0.988	0.919	0.032	X	0.988	0.919	0.032	X
29	Inglewood Boulevard	s/o Rosecrans Avenue	Yes	0.484	0.559	0.075	---	0.376	0.431	0.025	---	0.502	0.547	0.045	---	0.828	0.874	0.046	X	0.509	0.542	0.033	---	0.339	0.341	0.002	---	0.339	0.341	0.002	---
30	Vista Del Mar	s/o Grand Avenue	Yes	0.854	0.907	0.053	X	0.153	0.155	0.002	---	0.215	0.219	0.003	---	0.581	0.610	0.029	---	0.318	0.321	0.003	---	0.223	0.223	0.000	---	0.223	0.223	0.000	---
# IMPACTS				10																											

2015 PHASE 3F - NO ACTION/NO PROJECT ALTERNATIVE VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS

No.		Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
				Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact	Adj. Env. V/C	NANP Alt. V/C	NANP Adj. Env.	Pk Hr Impact
1	Interstate 40	n/o Vanice Blvd. HOV	-	0.842	0.855	0.014	---	0.836	0.845	0.009	---	0.978	0.999	0.021	---	0.770	0.775	0.005	---	1.037	1.049	0.012	---	0.972	0.980	0.007	---
2	Interstate 42	n/o La Tijera Blvd. HOV	Yes	0.871	0.387	0.015	---	0.785	0.804	0.013	---	0.855	0.892	0.028	---	0.780	0.787	0.007	---	0.890	0.819	-0.011	---	1.287	1.273	-0.014	---
3	Interstate 40	s/o Hosmer Ave. HOV	Yes	1.009	1.033	0.024	X	1.167	1.269	0.102	X	1.233	1.253	0.050	X	1.130	1.151	0.021	X	1.244	1.256	0.012	---	1.106	1.112	0.005	---
4	Interstate 40	s/o Hosmer Ave. HOV	Yes	0.454	0.460	0.006	---	0.590	0.756	0.066	---	0.875	0.924	0.049	---	0.750	0.762	0.012	---	0.914	0.917	0.003	---	1.140	1.129	-0.011	---
5	Interstate 40	s/o Hosmer Ave. HOV	Yes	1.117	1.147	0.030	X	0.928	0.936	0.007	---	1.052	1.063	0.011	---	1.216	1.258	0.042	X	1.198	1.224	0.026	X	0.911	0.811	0.001	---
6	Interstate 10	s/o Crandshaw Blvd. HOV	Yes	0.553	0.580	0.030	---	0.386	0.418	0.032	---	0.615	0.630	0.014	---	0.696	0.746	0.050	---	0.818	0.815	-0.003	---	0.627	0.644	0.017	---
7	Interstate 10	s/o Crandshaw Blvd. HOV	Yes	0.810	0.819	0.009	---	1.024	1.071	0.047	X	0.945	0.971	0.026	---	0.958	0.977	0.019	---	0.878	0.587	0.009	---	0.627	0.644	0.017	---
8	Interstate 10	s/o Crandshaw Blvd. HOV	Yes	0.348	0.358	0.010	---	0.511	0.567	0.056	---	0.699	0.774	0.075	---	0.538	0.554	0.016	---	0.691	0.701	0.010	---	0.796	0.816	0.016	---
# IMPACTS			3																								

## 2015 PHASE 3C - NO ACTION/NO PROJECT ALTERNATIVE (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS

[illegible]



		Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK					
INTERSECTIONS	BA ID	AM	PM	AP		NANP	V/C	Alt. A V/C	Alt. A - NANP	Pk-Hr Impact	NANP	V/C	Alt. A V/C	Alt. A - NANP	Pk-Hr Impact	NANP	V/C	Alt. A V/C	Alt. A - NANP
*AIRPORT BLVD at ARBOR VITAE ST (1)	3				—	0.932					1.177					1.323			
AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	3675	4129	5045	—		0.611					0.947					0.824		
AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	3930	3399	4046	—		0.774					0.651					0.761		
AIRPORT BLVD at CENTURY BLVD	4	5057	5130	4105	Yes	0.679	0.884	0.205	X	0.779	0.626	-0.153	—	0.742	0.719	-0.023	—	—	—
AIRPORT BLVD at LA TIJERA BLVD	5	2535	3055	3081	—	0.638	0.457	-0.180	—	0.718	0.572	-0.147	—	0.785	0.689	-0.095	—	—	—
AIRPORT BLVD at MANCHESTER AV	6	3530	3871	4504	Yes	1.006	0.745	-0.261	—	0.969	0.783	-0.188	—	1.001	1.043	0.043	X	—	—
*AVIATION BLVD at ARBOR VITAE ST (1)	7				—	1.168					1.311					1.065			
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	4889	5363	5119	—		0.910					1.216					0.825		
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	3586	3959	4118	—		0.814					0.840					0.885		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5504	7271	6396	Yes	1.243	1.639	0.398	X	1.013	1.714	0.701	X	1.009	1.312	0.303	—	—	—
AVIATION BLVD at 111TH ST	10	3163	3899	5181	Yes	0.536	0.623	0.087	—	0.670	0.539	-0.131	—	0.905	1.015	0.110	X	—	—
*AVIATION BLVD at CENTURY BLVD	11	8019	9227	8587	—	1.173	1.023	-0.150	—	1.157	1.084	-0.073	—	1.899	1.332	-0.567	—	—	—
*AVIATION BLVD at EL SEGUNDO BLVD	12	5783	6844	6304	—	1.194	1.111	-0.083	—	1.173	1.086	-0.087	—	1.148	1.188	0.040	—	—	—
*AVIATION BLVD at IMPERIAL HWY	13	5779	7576	6729	Yes	1.069	0.766	-0.303	—	1.070	1.155	0.085	X	1.297	1.122	-0.175	—	—	—
AVIATION BLVD at MANCHESTER AV	14	3511	4590	5077	—	1.451	0.738	-0.712	—	1.147	0.853	-0.293	—	1.680	1.691	0.011	—	—	—
AVIATION BLVD at ROSECRANS AV	15	8097	9908	8039	—	1.465	1.339	-0.126	—	1.748	1.712	-0.036	—	1.680	1.691	0.011	—	—	—
CENTINELA AV at JEFFERSON BLVD	16	6371	7133	5183	Yes	1.200	1.108	-0.092	—	1.279	1.297	0.018	X	1.145	1.124	-0.021	—	—	—
SEPULVEDA BLVD at CENTINELA AV	22	7760	8008	5918	—	1.536	1.448	-0.088	—	1.356	1.289	-0.068	—	1.079	1.020	-0.060	—	—	—
*LA CIENEGA BLVD at CENTURY BLVD	26	6007	7349	4909	—	0.926	0.807	-0.119	—	0.932	0.890	-0.042	—	0.819	0.299	-0.520	—	—	—
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5058	5578	2532	—	0.847	0.623	-0.225	—	0.886	0.717	-0.169	—	0.778	0.755	-0.024	—	—	—
CULVER BLVD at JEFFERSON BLVD	28	2269	4432	2745	—	0.847	0.522	-0.325	—	1.374	1.285	-0.089	—	0.477	0.351	-0.126	—	—	—
VISTA DEL MAR at CULVER BLVD	33	1053	1980	1412	—	0.645	0.307	-0.338	—	0.512	0.464	-0.048	—	0.716	0.538	-0.178	—	—	—
*DOUGLAS ST at IMPERIAL HWY	34	1890	3386	2872	—	0.604	0.393	-0.301	—	0.922	0.518	-0.404	—	1.033	1.082	0.049	—	—	—
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6835	8586	7784	—	1.223	1.111	-0.112	—	1.338	1.238	-0.102	—	0.639	0.809	0.170	—	—	—
VISTA DEL MAR at GRAND AV	38	2251	2495	2231	—	1.130	0.676	-0.454	—	0.574	0.609	0.036	—	1.633	1.572	-0.061	—	—	—
LA CIENEGA BLVD at FLORENCE AV	40	3594	4740	5702	—	0.922	0.822	-0.100	—	1.198	1.106	-0.092	—	0.929	0.941	0.012	—	—	—
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2516	2765	2413	—	1.270	0.952	-0.319	—	1.000	0.894	-0.106	—	0.766	0.723	-0.043	—	—	—
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6319	6010	4902	Yes	0.743	0.844	0.100	X	1.055	0.905	-0.150	—	0.835	0.724	-0.111	—	—	—
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	3865	4761	4401	—	0.685	0.575	-0.119	—	0.814	0.726	-0.088	—	0.681	0.701	0.021	—	—	—
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1988	2076	4273	—	0.376	0.287	-0.089	—	0.340	0.312	-0.028	—	0.630					
*MAIN ST at IMPERIAL HWY (1)	47				—	0.882					1.211						0.460		
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	5086	5307	3275	—		0.753					0.877					0.611		
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3278	3352	2385	—		0.933					0.730					0.437	0.008	—
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3848	3595	2841	Yes	1.195	1.258	0.063	X	0.790	0.654	-0.137	—	0.428	0.437	0.008	—	—	—
PERSHING DR at IMPERIAL HWY (3)	49				—	1.559					1.280						0.815		
*SEPULVEDA BLVD at IMPERIAL HWY	50	7548	8704	6212	Yes	0.868	0.860	0.092	X	1.182	1.487	0.285	X	1.132	0.827	-0.305	—	—	—
*VISTA DEL MAR at IMPERIAL HWY	51	2444	3369	2387	Yes	1.294	0.916	-0.378	—	0.918	0.941	0.023	X	1.083	0.697	-0.388	—	—	—
*LA CIENEGA BLVD at IMPERIAL HWY	52	4098	4190	5681	—	1.084	0.752	-0.332	—	0.568	0.814	0.046	—	0.605	0.628	0.023	—	—	—
I-405 N/B RAMPS at JEFFERSON BLVD	54	3458	4031	3375	—	0.896	0.853	-0.043	—	0.983	0.890	-0.093	—	0.725	0.698	-0.027	—	—	—
I-405 S/B RAMPS at JEFFERSON BLVD	55	3710	4189	3218	—	0.533	0.491	-0.042	—	0.716	0.683	-0.033	—	0.487	0.443	-0.044	—	—	—
LINCOLN BLVD at JEFFERSON BLVD	57	8310	10162	6527	—	1.484	1.418	-0.066	—	1.292	1.200	-0.092	—	0.870	0.858	-0.012	—	—	—
LA CIENEGA BLVD at 111TH ST	67	1761	1377	2651	—	0.603	0.331	-0.272	—	0.406	0.278	-0.128	—	0.759	0.707	-0.053	—	—	—
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2409	2895	4138	—	0.405	0.328	-0.079	—	0.557	0.323	-0.233	—	0.599	0.529	-0.069	—	—	—
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1819	1611	2447	—	0.256	0.333	0.077	—	0.222	0.263	0.041	—	0.410	0.378	-0.032	—	—	—
LA CIENEGA BLVD at LENOX BLVD	71	1832	1876	3310	Yes	0.468	0.432	-0.036	—	0.633	0.581	-0.053	—	0.895	1.046	0.151	X	—	—
LA CIENEGA BLVD at MANCHESTER AV	72	3711	4408	5726	—	0.794	0.726	-0.068	—	0.855	0.762	-0.093	—	1.257	1.252	-0.004	—	—	—
I-405 N/B RAMPS at LA TIJERA BLVD	78	4138	4732	2233	Yes	0.890	1.004	0.114	X	0.950	0.835	-0.116	—	0.844	0.430	-0.215	—	—	—
I-405 S/B RAMPS at LA TIJERA BLVD	79	4198	4698	2909	—	0.811	0.777	-0.034	—	0.979	0.908	-0.072	—	0.449	0.498	0.049	—	—	—
LINCOLN BLVD at LA TIJERA BLVD	81	6571	7231	5097	Yes	0.591	0.882	0.291	X	0.633	1.209	0.575	X	0.505	0.969	0.464	—	—	—
LA TIJERA BLVD at MANCHESTER AV	82	2897	4214	3328	—	0.775	0.620	-0.155	—	0.940	0.766	-0.173	—	0.733	0.857	-0.078	—	—	—
SEPULVEDA BLVD at LA TIJERA BLVD	83	6344	7294	3387	Yes	0.888	1.317	0.329	X	1.051	1.775	0.724	X	0.586	0.631	0.245	—	—	—
LINCOLN BLVD at 83RD ST	87	7162	10079	7309	Yes	1.126	1.224	0.097	X	1.929	1.579	-0.350	—	1.538	1.536	-0.052	—	—	—
LINCOLN BLVD at MANCHESTER AV	88	7755	10330	6824	—	1.021	1.007	-0.013	—	2.164	1.710	-0.453	—	1.054	1.218	0.164	—	—	—
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				—	0.684				0.677				0.545					
LINCOLN BLVD at TEALE ST	94	6166	6930	5477	Yes	0.544	0.765	0.221	X	0.720	0.650	-0.070	—	0.466	0.481	0.015	—	—	—
PERSHING DR at MANCHESTER AV	98	1267	2112	933	—	0.534	0.405	-0.130	—	0.815	0.754	-0.061	—	0.350	0.208	-0.143	—	—	—
SEPULVEDA BLVD at MANCHESTER AV	99	6107	6382	4123	—	1.109	1.1												

INTERSECTIONS	BAID	Alternative A App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		NANP V/C	Alt. A V/C	Alt. A - NANP	Pk-Hr Impact	NANP V/C	Alt. A V/C	Alt. A - NANP	Pk-Hr Impact	NANP V/C	Alt. A V/C	Alt. A - NANP	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (1)	3					0.932				1.177				1.323			
AIRPORT BLVD at ARBOR VITAE ST (SOUTH PORTION)	3A	3737	4176	5194			0.501				0.798				0.665		
AIRPORT BLVD at ARBOR VITAE ST (NORTH PORTION)	3B	3519	3299	3994			0.701				0.580				0.839		
AIRPORT BLVD at CENTURY BLVD	4	5088	5270	4288	Yes	0.679	0.627	0.148	X	0.779	0.616	-0.163	---	0.742	0.737	-0.005	---
AIRPORT BLVD at LA TIJERA BLVD	5	2496	3006	3083	---	0.638	0.446	-0.192	---	0.718	0.538	-0.179	---	0.785	0.683	-0.102	---
AIRPORT BLVD at MANCHESTER AV	6	3417	3757	4482	Yes	1.006	0.735	-0.271	---	0.969	0.755	-0.214	---	1.001	1.015	0.015	X
*AVIATION BLVD at ARBOR VITAE ST (1)	7					1.188				1.311				1.065			
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	4591	5274	5138			0.817				0.703				0.720		
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	3303	3737	3645			0.748				0.718				0.883		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5312	7148	6086	Yes	1.243	1.246	0.003	---	1.013	1.358	0.346	X	1.009	1.069	0.060	---
AVIATION BLVD at 111TH ST (3)	10					0.536				0.670				0.905			
*AVIATION BLVD at CENTURY BLVD	11	8213	9385	8480	---	1.173	1.001	-0.172	---	1.157	1.093	-0.064	---	1.899	1.395	-0.514	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5883	6945	8320	---	1.194	1.122	-0.072	---	1.173	1.082	-0.091	---	1.148	1.201	0.053	---
*AVIATION BLVD at IMPERIAL HWY	13	6183	7745	5981	Yes	1.069	0.941	-0.128	---	1.070	1.135	0.065	X	1.297	1.235	-0.063	---
AVIATION BLVD at MANCHESTER AV	14	3174	4290	4704	---	1.451	0.869	-0.782	---	1.147	0.813	-0.333	---	1.529	1.115	-0.414	---
AVIATION BLVD at ROSECRANS AV	15	8103	9957	8055	---	1.465	1.343	-0.121	---	1.748	1.712	-0.036	---	1.680	1.693	0.013	---
CENTINELA AV at JEFFERSON BLVD	18	6280	7191	5208	Yes	1.200	1.110	-0.091	---	1.279	1.317	0.038	X	1.145	1.114	-0.031	---
SEPULVEDA BLVD at CENTINELA AV	22	7784	8020	5926	---	1.536	1.448	-0.088	---	1.358	1.313	-0.044	---	1.079	1.016	-0.063	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6832	7841	4983	Yes	0.926	1.038	0.111	X	0.932	1.002	0.071	X	0.632	0.638	0.007	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5157	5700	2707	---	0.847	0.643	-0.205	---	0.888	0.776	-0.110	---	0.819	0.333	-0.487	---
CULVER BLVD at JEFFERSON BLVD	28	2230	4386	2716	---	0.847	0.505	-0.342	---	1.374	1.276	-0.098	---	0.779	0.749	-0.031	---
VISTA DEL MAR at CULVER BLVD	33	1061	1970	1455	---	0.646	0.310	-0.335	---	0.512	0.468	-0.046	---	0.477	0.363	-0.114	---
*DOUGLAS ST at IMPERIAL HWY	34	2021	3621	2823	---	0.604	0.301	-0.303	---	0.922	0.569	-0.353	---	0.716	0.534	-0.182	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6886	8563	7740	---	1.223	1.124	-0.098	---	1.338	1.238	-0.103	---	1.033	1.056	0.024	---
VISTA DEL MAR at GRAND AV	38	2248	2501	2261	---	1.130	0.679	-0.451	---	0.574	0.807	0.033	---	0.639	0.817	0.178	---
LA CIENEGA BLVD at FLORENCE AV	40	3200	4313	4981	---	0.922	0.766	-0.156	---	1.198	1.030	-0.168	---	1.633	1.345	-0.288	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2507	2778	2384	---	1.270	0.963	-0.317	---	1.000	0.899	-0.101	---	0.929	0.929	0.000	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6471	6105	4917	Yes	0.743	0.859	0.116	X	1.055	0.821	-0.134	---	0.766	0.704	-0.062	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4444	4805	4904	---	0.685	0.841	-0.054	---	0.814	0.754	-0.080	---	0.835	0.758	-0.077	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1982	2048	4136	---	0.376	0.271	-0.105	---	0.340	0.313	-0.027	---	0.681	0.670	-0.011	---
*MAIN ST at IMPERIAL HWY (1)	47					0.882				1.211				0.630			
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2677	2876	1857			0.453				0.459				0.297		
MAIN ST at IMPERIAL HWY (NORTH PORTION) (3)	47B	1621	1781	1204			0.449				0.583				0.298		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3911	3822	2579	Yes	1.195	1.258	0.062	X	0.790	0.695	-0.096	---	0.428	0.425	-0.004	---
PERSHING DR at IMPERIAL HWY (3)	49					1.558	0.000			1.280				0.815			
*SEPULVEDA BLVD at IMPERIAL HWY	50	7652	8806	6285	Yes	0.888	1.024	0.156	X	1.182	1.529	0.347	X	1.132	0.858	-0.274	---
*VISTA DEL MAR at IMPERIAL HWY	51	2454	3400	2432	---	1.294	0.894	-0.610	---	0.918	0.608	-0.310	---	1.083	0.523	-0.560	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	4455	4430	5841	---	1.084	0.878	-0.205	---	0.588	0.681	0.114	---	0.605	0.620	0.015	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	3469	4034	3357	---	0.896	0.843	-0.053	---	0.983	0.891	-0.092	---	0.725	0.698	-0.027	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3694	4221	3190	---	0.533	0.488	-0.044	---	0.716	0.683	-0.033	---	0.487	0.444	-0.043	---
LINCOLN BLVD at JEFFERSON BLVD	57	8336	10146	6680	---	1.484	1.457	-0.028	---	1.292	1.209	-0.083	---	0.870	0.881	-0.009	---
LA CIENEGA BLVD at 111TH ST (3)	67					0.603				0.406				0.759			
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2764	3148	4480	---	0.405	0.323	-0.083	---	0.557	0.397	-0.160	---	0.599	0.554	-0.046	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1703	1537	2363	---	0.256	0.256	-0.001	---	0.222	0.188	-0.034	---	0.410	0.338	-0.074	---
LA CIENEGA BLVD at LENNOX BLVD	71	1995	1931	3525	Yes	0.468	0.486	0.018	---	0.633	0.574	-0.060	---	0.895	1.098	0.194	X
LA CIENEGA BLVD at MANCHESTER AV	72	3547	4223	5078	---	0.794	0.661	-0.132	---	0.855	0.723	-0.132	---	1.257	1.015	-0.242	---
I-405 N/B RAMPS at LA TIJERA BLVD	78	3971	4651	2195	Yes	0.880	0.991	0.101	X	0.950	0.816	-0.134	---	0.644	0.446	-0.198	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4078	4883	2888	---	0.811	0.736	-0.074	---	0.979	0.812	-0.067	---	0.449	0.483	0.034	---
LINCOLN BLVD at LA TIJERA BLVD	81	8565	7377	5183	Yes	0.591	0.875	0.284	X	0.633	1.244	0.611	X	0.505	1.027	0.522	---
LA TIJERA BLVD at MANCHESTER AV	82	2837	4153	3409	---	0.775	0.595	-0.180	---	0.940	0.790	-0.149	---	0.733	0.689	-0.044	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6110	6930	3154	Yes	0.888	1.257	0.269	X	1.051	1.505	0.453	X	0.586	0.637	0.051	---
LINCOLN BLVD at 83RD ST	87	7129	10071	7378	Yes	1.126	1.220	0.094	X	1.929	1.595	-0.334	---	1.588	1.553	-0.034	---
LINCOLN BLVD at MANCHESTER AV	88	7664	19386	6791	---	1.021	0.981	-0.039	---	2.164	1.724	-0.440	---	1.054	1.166	0.112	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.684				0.677				0.545			
LINCOLN BLVD at TEALE ST	94	6130	6886	5512	Yes	0.544	0.769	0.225	X	0.720	0.633	-0.087	---	0.466	0.493	0.027	---
PERSHING DR at MANCHESTER AV	98	1343	2186	927	Yes	0.534	0.451	-0.084	---	0.815	1.082	0.247	X	0.350	0.228	-0.122	---
SEPULVEDA BLVD at MANCHESTER AV	99	6316	6518	4251	Yes	1.109	1.148	0.039	X	1.154	1.038	-0.116	---	0.962	0.891	-0.071	---
SEPULVEDA BLVD at MARIPOSA AV	100	6555	8139	8362	Yes	0.891	0.954	0.063	X	1.130	1.478	0.348	X	1.191	1.677	0.486	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1749	2078	1339	---	0.440	0.591		---	0.448	0.765		---	0.169	0.480		---
SEPULVEDA BLVD at ROSECRANS AV	103	8567	10333	6884	---	1.870	1.833	-0.237	---	1.760	1.717	-0.043	---	1.918	1.943	0.027	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	5042	4249	3713	---	1.401	1.148	-0.253	---	1.117	0.981	-0.156	---	1.201	0.847	-0.353	---
SEPULVEDA BLVD at 78TH/77TH ST	106	4903	4158	3692	Yes	0.793	0.884	0.091	X	0.724	0.639	-0.086	---	0.750	0.839	-0.111	---
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.863				1.022				0.637			
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4708	5076	2253			0.737				0.813				0.491		
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5522	5936	2803			0.738				0.671				0.461		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	2617	3313	3107	---	0.607	0.535	-0.072	---	0.581	0.660	0.079	---	0.685	0.739	0.053	---
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4107	4872	2584	---	0.824	0.838	0.014	---	0.701	0.685	-0.016	---	0.406	0.461	0.055	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3263	3793	3210	---	0.778	0.678	-0.103	---	0.768	0.690	-0.079	---	0.505	0.500	-0.006	---
LA CIENEGA BLVD at 120TH ST	313	1314	1438	1191	---	0.480	0.388	-0.072	---	0.471	0.424	-0.047	---	0.467	0.489	0.032	---

# IMPACTS 19

Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better, (2) Redesigned for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better



## Los Angeles International Airport Master Plan

## 2015 PHASE 3F - ALTERNATIVE A VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR								
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB				
			NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	
1	Lincoln Boulevard	s/o Venice Boulevard**	Yes	0.750	0.785	0.015	--	0.916	0.929	0.014	--	0.979	0.971	-0.007	--	0.919	0.944	0.025	X	0.753	0.784	0.021	--	0.807	0.810	0.003	--
2	Centinela Avenue	s/o Venice Boulevard**	Yes	0.939	0.949	0.010	--	0.665	0.674	0.008	--	0.849	0.842	-0.007	--	0.913	0.948	0.036	X	0.754	0.774	0.020	--	0.878	0.876	-0.002	--
3	Santalla Boulevard	s/o Venice Boulevard**	-	0.633	0.607	-0.026	--	0.605	0.633	-0.002	--	0.516	0.531	0.015	--	0.767	0.799	0.033	--	0.628	0.675	0.047	--	0.704	0.763	0.058	--
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.877	0.983	0.006	--	0.740	0.746	0.006	--	1.090	1.082	-0.007	--	0.944	0.955	0.021	X	0.937	0.838	0.302	--	0.993	0.982	-0.007	--
5	Owensland Avenue	s/o Venice Boulevard**	Yes	0.900	0.907	0.006	--	1.009	0.989	-0.019	--	0.909	0.909	0.000	--	1.162	1.210	0.048	X	0.971	0.901	0.330	--	1.052	1.041	-0.012	--
6	Stocker Street	e/o La Brea Avenue	-	0.504	0.514	0.010	--	0.548	0.544	-0.005	--	0.659	0.654	-0.006	--	0.469	0.508	0.009	--	0.581	0.593	0.012	--	0.586	0.609	0.022	--
7	Stanton Avenue	e/o La Brea Avenue	-	0.456	0.423	-0.033	--	0.738	0.713	-0.025	--	0.697	0.659	-0.038	--	0.499	0.485	-0.014	--	0.389	0.402	0.013	--	0.378	0.369	-0.009	--
8	Centinela Avenue	e/o La Brea Avenue	-	0.510	0.431	-0.079	--	1.025	0.968	-0.057	--	0.769	0.717	-0.052	--	1.249	1.235	-0.044	--	0.788	0.759	-0.028	--	0.627	0.611	-0.016	--
9	La Cienega Boulevard	s/o Stanton Avenue	-	0.599	0.554	0.035	--	0.606	0.555	-0.051	--	0.677	0.651	-0.026	--	0.600	0.635	0.065	--	0.397	0.400	0.002	--	0.426	0.413	-0.013	--
10	Manchester Boulevard	w/o La Brea Avenue	-	0.547	0.553	0.007	--	0.611	0.547	-0.064	--	0.701	0.684	-0.016	--	0.619	0.630	0.031	--	0.474	0.471	-0.003	--	0.534	0.525	-0.009	--
11	Arbor Vitae	w/o La Brea Avenue	-	0.454	0.461	-0.003	--	0.333	0.309	-0.024	--	0.462	0.451	-0.002	--	0.520	0.532	0.012	--	0.601	0.659	0.035	--	0.392	0.405	0.015	--
12	Century Boulevard	w/o La Brea Avenue	-	0.484	0.547	0.062	--	0.580	0.544	-0.036	--	0.694	0.687	-0.007	--	0.538	0.517	-0.021	--	0.538	0.544	0.005	--	0.478	0.491	0.013	--
13	Imperial Highway	w/o La Brea Avenue	-	0.265	0.337	0.072	--	0.454	0.378	-0.085	--	0.680	0.536	-0.065	--	0.378	0.364	-0.013	--	0.486	0.522	0.036	--	0.708	0.688	-0.019	--
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.741	0.689	-0.052	--	0.229	0.265	0.035	--	0.461	0.475	0.014	--	0.813	0.807	-0.006	--	0.435	0.440	0.005	--	0.344	0.337	-0.007	--
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	1.028	0.920	-0.109	--	0.273	0.283	0.010	--	0.475	0.490	0.015	--	0.902	0.882	-0.020	--	0.537	0.536	-0.001	--	0.540	0.555	0.015	--
16	Pacific Avenue	s/o Venice Boulevard**	-	0.319	0.363	0.044	--	0.576	0.587	0.018	--	0.360	0.356	-0.004	--	0.523	0.543	0.019	--	0.461	0.485	0.024	--	0.553	0.569	0.006	--
17	Washington Boulevard	e/o Lincoln Boulevard**	-	0.662	0.665	-0.017	--	0.432	0.412	-0.020	--	0.619	0.620	0.001	--	0.490	0.479	-0.001	--	0.334	0.339	0.005	--	0.490	0.468	-0.002	--
18	Marina Freeway	e/o Lincoln Boulevard**	-	0.282	0.287	0.005	--	0.296	0.262	-0.035	--	0.325	0.315	-0.010	--	0.338	0.302	-0.007	--	0.350	0.345	-0.004	--	0.316	0.312	-0.007	--
19	Oliver Boulevard	e/o Lincoln Boulevard	-	0.625	0.592	-0.033	--	0.030	0.021	-0.009	--	0.300	0.276	-0.024	--	0.396	0.361	-0.025	--	0.351	0.326	-0.023	--	0.442	0.393	-0.048	--
20	Jefferson Avenue	e/o Lincoln Boulevard**	-	0.833	0.747	-0.087	--	0.519	0.341	-0.178	--	0.606	0.478	-0.127	--	1.015	0.899	-0.117	--	0.287	0.251	-0.036	--	0.333	0.289	-0.044	--
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.717	1.036	0.319	X	0.398	0.388	-0.011	--	0.688	0.911	-0.077	--	0.622	0.703	0.031	--	0.622	0.644	0.022	--	0.658	0.635	-0.023	--
22	Oliver Boulevard	w/o Jefferson Avenue**	-	0.704	0.448	-0.256	--	0.345	0.292	-0.053	--	0.597	0.505	-0.092	--	0.875	0.815	-0.059	--	0.427	0.396	-0.031	--	0.485	0.457	-0.027	--
23	Vista Del Mar	s/o Oliver Boulevard**	-	0.395	0.130	-0.265	--	0.195	0.131	-0.064	--	0.285	0.277	-0.008	--	0.470	0.401	-0.069	--	0.339	0.243	-0.096	--	0.268	0.261	-0.007	--
24	La Brea Avenue	s/o Stanton Avenue	-	0.687	0.680	-0.008	--	0.528	0.466	-0.060	--	0.698	0.659	-0.030	--	0.624	0.620	-0.004	--	0.529	0.522	-0.008	--	0.597	0.568	-0.029	--
25	Jefferson Boulevard	n/o Rodeo Road	-	0.405	0.397	-0.009	--	0.871	0.889	0.018	--	0.576	0.559	-0.017	--	0.525	0.519	-0.006	--	0.169	0.178	0.009	--	0.722	0.721	-0.001	--
26	Sepulveda Boulevard	s/o Stanton Avenue	Yes	0.921	0.949	0.028	X	0.433	0.397	-0.036	--	0.699	0.731	-0.078	--	0.835	0.862	0.027	--	0.554	0.509	-0.045	--	0.521	0.489	-0.032	--
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.549	0.454	-0.085	--	1.027	0.954	-0.073	--	0.895	0.878	-0.017	--	0.796	0.767	-0.028	--	0.587	0.580	-0.007	--	0.636	0.608	-0.028	--
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.181	0.222	0.021	--	0.347	0.518	-0.069	--	0.873	0.807	-0.066	--	0.417	0.419	0.002	--	0.703	0.706	0.003	--	0.926	0.926	-0.009	--
29	Ingleswood Boulevard	n/o Rosecrans Avenue	-	0.555	0.504	-0.053	--	0.395	0.391	-0.004	--	0.554	0.563	0.009	--	0.870	0.828	-0.042	--	0.554	0.556	0.002	--	0.352	0.344	-0.008	--
30	Vista Del Mar	s/o Grand Avenue	-	0.903	0.705	-0.198	--	0.160	0.161	0.000	--	0.219	0.213	-0.006	--	0.611	0.544	-0.067	--	0.323	0.309	-0.014	--	0.228	0.236	0.006	--
IMPACTS			5																								

\*\* Intersections at both ends of these links have ATISAC; the capacities of these links have been increased by 7 percent to reflect ATISAC.

## Los Angeles International Airport Master Plan

## 2015 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATION) VS. NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

2015 PHASE 3F - ALTERNATIVE R (WITH 1.5% INCREASE IN TRUCKS AND TRAILERS)																												
No.		Link Location		Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR							
					NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
					NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact	NANP V/C	Alter A V/C	Alter A - NANP	Pk Hr Impact
1	Lincoln Boulevard	s/o Venice Boulevard**	-	0.750	0.765	0.015	---	0.916	0.926	0.012	---	0.979	0.974	-0.005	---	0.919	0.932	0.013	---	0.763	0.784	0.021	---	0.807	0.802	-0.005	---	
2	Centinela Avenue	s/o Venice Boulevard**	-	0.939	0.946	0.007	---	0.865	0.867	0.001	---	0.849	0.846	-0.004	---	0.913	0.932	0.020	---	0.754	0.774	0.019	---	0.876	0.854	0.076	---	
3	Sawtelle Boulevard	s/o Venice Boulevard**	-	0.633	0.597	-0.036	---	0.805	0.812	0.007	---	0.515	0.514	-0.002	---	0.767	0.799	0.032	---	0.826	0.880	0.032	---	0.754	0.790	0.086	---	
4	Sepulveda Boulevard	s/o Venice Boulevard**	Yes	0.877	0.879	0.001	---	0.740	0.749	0.009	---	1.090	1.083	-0.007	---	0.944	0.952	0.008	---	0.837	0.839	0.003	---	0.990	1.070	0.080	X	
5	Overland Avenue	s/o Venice Boulevard**	Yes	0.900	0.918	0.018	---	1.008	0.992	-0.016	---	0.909	0.904	-0.005	---	1.162	1.161	0.009	X	0.871	0.886	0.015	---	1.052	1.124	0.071	---	
6	Stocker Street	s/o La Brea Avenue	-	0.504	0.514	0.010	---	0.549	0.544	-0.005	---	0.569	0.556	-0.014	---	0.498	0.514	0.015	---	0.581	0.592	0.012	---	0.586	0.613	0.026	---	
7	Slauson Avenue	s/o La Brea Avenue	-	0.456	0.420	-0.036	---	0.798	0.716	-0.082	---	0.687	0.654	-0.033	---	0.499	0.488	-0.011	---	0.389	0.401	0.012	---	0.376	0.371	-0.007	---	
8	Centinela Avenue	s/o La Brea Avenue	-	0.510	0.421	-0.089	---	1.025	0.961	-0.064	---	0.789	0.708	-0.081	---	1.249	1.194	-0.056	---	0.788	0.741	-0.047	---	0.627	0.606	-0.021	---	
9	La Cienega Boulevard	s/o Slauson Avenue	-	0.549	0.557	0.008	---	0.806	0.575	-0.031	---	0.677	0.670	-0.007	---	0.600	0.614	0.014	---	0.337	0.403	0.006	---	0.426	0.432	0.006	---	
10	Manchester Boulevard	w/o La Brea Avenue	-	0.547	0.581	0.014	---	0.611	0.582	-0.049	---	0.701	0.899	-0.301	---	0.619	0.646	0.027	---	0.474	0.465	-0.009	---	0.534	0.535	0.002	---	
11	Arbor Vista	w/o La Brea Avenue	-	0.464	0.450	-0.014	---	0.383	0.323	-0.010	---	0.462	0.472	0.010	---	0.520	0.529	0.009	---	0.651	0.686	0.015	---	0.392	0.396	0.004	---	
12	Century Boulevard	w/o La Brea Avenue	-	0.484	0.540	0.055	---	0.580	0.560	-0.021	---	0.694	0.712	0.018	---	0.538	0.502	-0.035	---	0.538	0.542	0.003	---	0.478	0.492	0.014	---	
13	Imperial Highway	w/o La Brea Avenue	-	0.265	0.333	0.068	---	0.464	0.383	-0.081	---	0.680	0.600	-0.080	---	0.378	0.360	-0.017	---	0.485	0.519	0.034	---	0.708	0.694	-0.024	---	
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.741	0.693	-0.048	---	0.223	0.253	0.034	---	0.461	0.474	0.013	---	0.613	0.797	-0.016	---	0.435	0.438	0.003	---	0.344	0.340	0.002	---	
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	1.028	0.922	-0.106	---	0.273	0.265	0.012	---	0.475	0.493	0.015	---	0.902	0.886	-0.016	---	0.537	0.535	-0.001	---	0.540	0.560	0.019	---	
16	Pacific Avenue	s/o Venice Boulevard**	-	0.319	0.368	0.049	---	0.578	0.592	0.014	---	0.360	0.342	-0.018	---	0.523	0.544	0.022	---	0.461	0.488	0.028	---	0.563	0.588	0.024	---	
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.682	0.652	-0.030	---	0.432	0.393	-0.038	---	0.619	0.595	-0.024	---	0.480	0.478	-0.002	---	0.334	0.345	0.007	---	0.490	0.488	-0.002	---	
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.282	0.287	0.005	---	0.296	0.258	-0.039	---	0.365	0.311	-0.014	---	0.308	0.301	-0.008	---	0.350	0.346	0.002	---	0.319	0.311	0.008	---	
19	Olvera Boulevard	s/o Lincoln Boulevard	-	0.625	0.578	-0.048	---	0.030	0.019	-0.012	---	0.300	0.278	-0.022	---	0.386	0.358	-0.028	---	0.361	0.327	-0.034	---	0.442	0.401	-0.041	---	
20	Jefferson Avenue	n/o Lincoln Boulevard**	-	0.833	0.763	-0.071	---	0.518	0.377	-0.141	---	0.605	0.496	-0.110	---	1.015	0.926	-0.089	---	0.287	0.242	-0.044	---	0.333	0.276	-0.056	---	
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.717	1.028	0.311	X	0.389	0.387	-0.012	---	0.988	0.909	-0.079	---	0.672	0.705	0.033	---	0.622	0.646	0.024	---	0.658	0.639	-0.019	---	
22	Olvera Boulevard	w/o Jefferson Avenue**	-	0.704	0.434	-0.270	---	0.345	0.233	-0.112	---	0.597	0.601	-0.096	---	0.875	0.807	-0.069	---	0.427	0.386	-0.041	---	0.485	0.454	-0.031	---	
23	Vista Del Mar	s/o Olvera Boulevard**	-	0.395	0.132	-0.262	---	0.195	0.132	-0.063	---	0.475	0.403	-0.069	---	0.475	0.403	-0.069	---	0.339	0.249	-0.090	---	0.289	0.270	-0.019	---	
24	La Brea Avenue	s/o Slauson Avenue	-	0.697	0.663	-0.004	---	0.526	0.483	-0.044	---	0.698	0.667	-0.021	---	0.624	0.616	-0.009	---	0.528	0.524	-0.006	---	0.597	0.576	-0.021	---	
25	Jefferson Boulevard	n/o Rodda Road	-	0.406	0.404	-0.003	---	0.871	0.889	0.018	---	0.576	0.571	-0.006	---	0.525	0.525	0.000	---	0.354	0.507	-0.047	---	0.521	0.472	-0.049	---	
26	Sepulveda Boulevard	s/o Slauson Avenue	Yes	0.921	0.955	0.034	X	0.433	0.399	-0.035	---	0.629	0.734	-0.076	---	0.835	0.841	0.006	---	0.587	0.605	0.019	---	0.835	0.798	-0.038	---	
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.549	0.458	-0.091	---	1.027	0.957	-0.070	---	0.885	0.873	-0.022	---	0.786	0.783	-0.016	---	0.587	0.710	0.007	---	0.925	0.915	-0.010	---	
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.181	0.203	0.022	---	0.587	0.524	-0.063	---	0.373	0.816	-0.257	---	0.417	0.420	0.003	---	0.703	0.710	0.007	---	0.352	0.336	-0.016	---	
29	Inglewood Boulevard	n/o Rosecrans Avenue	-	0.656	0.512	-0.045	---	0.385	0.393	-0.002	---	0.554	0.556	0.002	---	0.870	0.837	-0.033	---	0.554	0.554	-0.001	---	0.352	0.336	-0.016	---	
30	Vista Del Mar	s/o Grand Avenue	-	0.903	0.711	-0.192	---	0.180	0.159	-0.002	---	0.219	0.213	-0.006	---	0.611	0.547	-0.064	---	0.323	0.312	-0.011	---	0.928	0.242	0.014	---	

## IMPACTS

\*\* Intersections at both ends of these links have ATSAC, the capacities of these links have been increased by 7 percent to reflect ATSAC.

Los Angeles International Airport Master Plan																											
2015 PHASE 3F - ALTERNATIVE A VS. NO ACTION/NO PROJECT ALTERNATIVE FREEWAY LEVEL OF SERVICE COMPARISONS																											
No.		Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
				NB/LB				SB/AB				NB/LB				SB/AB				NB/LB				SB/AB			
				NANP V/C	Alt A V/C	Alt A NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A NANP	Pk Hr Impact
1	Interstate 405 n/a Venice Blvd. HOV	Yes	0.855 0.387	0.885 0.410	0.028 0.024	— —	0.845 0.804	0.880 0.808	0.015 0.004	— —	0.999 0.892	0.896 0.909	-0.003 0.017	— —	0.775 0.797	0.794 0.820	0.020 0.033	— —	1.049 0.818	1.079 0.889	0.030 0.080	X —	0.980 1.273	1.005 1.337	0.025 0.065	X X	
2	Interstate 405 n/a La Tijera Blvd. HOV	-	1.033 0.460	0.948 0.422	-0.085 -0.038	— —	1.269 0.758	0.983 0.563	-0.286 -0.194	— —	1.253 0.924	1.048 0.798	-0.205 -0.126	— —	1.151 0.782	1.000 0.632	-0.152 -0.130	— —	1.256 0.917	1.127 0.737	-0.129 -0.180	— —	1.122 1.129	0.927 0.905	-0.195 -0.225	— —	
3	Interstate 405 s/a Rosemead Ave. HOV	Yes	1.147 0.583	1.133 0.814	-0.014 0.031	— —	0.936 0.418	0.973 0.493	0.037 0.062	— —	1.063 0.650	1.078 0.682	0.015 0.052	X —	1.258 0.746	1.235 0.847	-0.023 0.101	— —	1.224 0.815	1.228 0.825	0.015 0.011	— —	1.159 0.811	1.175 0.985	0.016 0.174	— —	
4	Interstate 105 n/a Crenshaw Blvd. HOV	Yes	0.819 0.358	0.899 0.406	0.080 0.048	— —	1.071 0.957	1.144 0.590	0.073 0.024	X —	0.971 0.774	1.053 0.774	0.081 -0.001	X —	0.977 0.554	1.079 0.647	0.102 0.093	X —	0.587 0.701	0.668 0.817	0.082 0.116	— —	0.644 0.910	0.724 0.872	0.080 0.062	— —	
# IMPACTS			4																								

Los Angeles International Airport Master Plan																										
2015 PHASE 3F - ALTERNATIVE A (WITH FINAL MITIGATIONS) VS. NO ACTION/NO PROJECT ALTERNATIVE FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.		Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour						
				NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB		
				NANP V/C	Alt A V/C	Alt A-NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A-NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A-NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A-NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A-NANP	Pk Hr Impact	NANP V/C	Alt A V/C	Alt A-NANP
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.855	0.882	0.027	---	0.843	0.857	0.012	---	0.999	0.937	-0.063	---	0.776	0.790	0.015	---	1.049	1.079	0.029	X	0.983	1.000	0.020	---
		Yes	0.387	0.415	0.029	---	0.804	0.809	0.005	---	0.892	0.912	0.020	---	0.787	0.810	0.023	---	0.318	0.890	0.071	---	1.273	1.335	0.362	X
2	Interstate 405 n/o La Tijera Blvd. HOV	-	1.033	0.948	-0.085	---	1.263	1.003	-0.260	---	1.233	1.050	-0.203	---	1.181	1.011	-0.141	---	1.256	1.132	-0.123	---	1.112	0.950	-0.153	---
		-	0.460	0.424	-0.036	---	0.758	0.596	-0.160	---	0.924	0.807	-0.117	---	0.762	0.624	-0.138	---	0.917	0.754	0.163	---	1.128	0.938	0.194	---
3	Interstate 405 s/o Rosemead Ave. HOV	Yes	1.147	1.141	-0.006	---	0.936	0.979	0.044	---	1.063	1.076	0.013	---	1.258	1.240	-0.018	---	1.224	1.246	0.022	X	1.159	1.185	0.026	---
		-	0.583	0.618	0.035	---	0.418	0.513	0.095	---	0.630	0.659	0.029	---	0.746	0.852	0.106	---	0.815	0.833	0.019	---	0.811	1.001	0.190	---
4	Interstate 105 s/o Crenshaw Blvd HOV	Yes	0.819	0.902	0.084	---	1.071	1.151	0.080	X	0.971	1.057	0.086	X	0.977	1.075	0.098	X	0.587	0.668	0.081	---	0.644	0.726	0.083	---
		-	0.358	0.402	0.044	---	0.567	0.590	0.023	---	0.774	0.782	0.009	---	0.354	0.646	0.093	---	0.701	0.824	0.123	---	0.810	0.870	0.060	---
# IMPACTS		4																								





		Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK						
INTERSECTIONS	BA ID	AM	PM	AP		NANP	V/C	Alt. B V/C	Alt. B - NANP	Pk-Hr Impact	NANP	V/C	Alt. B V/C	Alt. B - NANP	Pk-Hr Impact	NANP	V/C	Alt. B V/C	Alt. B - NANP	Pk-Hr Impact
AIRPORT BLVD at ARBOR VITAE ST (3)	3				---	0.932					1.177					1.323				
AIRPORT BLVD at CENTURY BLVD	4	3445	4850	3425	---	0.679	0.337	-0.343	---	0.779	0.584	-0.195	---	---	0.742	0.478	-0.265	---	---	---
AIRPORT BLVD at LA TIJERA BLVD	5	2678	3248	3261	---	0.638	0.452	-0.186	---	0.718	0.588	-0.121	---	---	0.785	0.702	-0.082	---	---	---
AIRPORT BLVD at MANCHESTER AV	6	3256	3902	4381	---	1.005	0.766	-0.240	---	0.969	0.798	-0.171	---	---	1.001	0.923	-0.077	---	---	---
*AVIATION BLVD at ARBOR VITAE ST (1)	7	7695	8002	7568	---	1.168					1.311					1.065				
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																			
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																			
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5451	6428	6173	Yes	1.243	1.142	-0.101	---	1.013	1.063	0.049	X	---	1.009	1.155	0.187	---	---	---
AVIATION BLVD at 111TH ST	10	2897	3550	5374	Yes	0.536	0.603	0.067	---	0.670	0.589	-0.081	---	---	0.905	1.077	0.172	---	---	X
*AVIATION BLVD at CENTURY BLVD	11	7121	8677	7573	Yes	1.173	0.970	-0.203	---	1.157	1.222	0.065	X	---	1.899	1.203	-0.696	---	---	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	5732	6806	6245	---	1.194	1.069	-0.125	---	1.173	1.103	-0.071	---	---	1.148	1.175	0.027	---	---	---
*AVIATION BLVD at IMPERIAL HWY	13	5443	7561	6759	Yes	1.069	1.084	0.015	X	1.070	1.301	0.231	X	---	1.297	1.245	-0.052	---	---	---
AVIATION BLVD at MANCHESTER AV	14	4266	5341	6022	Yes	1.451	0.983	-0.467	---	1.147	1.168	0.021	X	---	1.529	1.550	0.021	X	---	---
AVIATION BLVD at ROSECRANS AV	15	8111	9843	8142	---	1.465	1.351	-0.114	---	1.748	1.684	-0.065	---	---	1.680	1.719	0.039	---	---	---
CENTINELA AV at JEFFERSON BLVD	18	6177	7216	5193	Yes	1.200	1.089	-0.111	---	1.279	1.334	0.055	X	---	1.145	1.118	-0.027	---	---	---
SEPULVEDA BLVD at CENTINELA AV	22	7624	7919	5900	---	1.536	1.423	-0.113	---	1.356	1.274	-0.083	---	---	1.079	1.022	-0.057	---	---	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6238	7782	5108	Yes	0.926	0.668	-0.059	---	0.932	0.984	0.052	X	---	0.632	0.670	0.038	---	---	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5273	5857	3258	---	0.847	0.496	-0.351	---	0.896	0.696	-0.190	---	---	0.819	0.522	-0.297	---	---	---
CULVER BLVD at JEFFERSON BLVD	28	2239	4539	2772	---	0.847	0.513	-0.333	---	1.374	1.309	-0.065	---	---	0.779	0.773	-0.006	---	---	---
VISTA DEL MAR at CULVER BLVD	33	1022	1958	1433	---	0.645	0.298	-0.347	---	0.512	0.463	-0.049	---	---	0.477	0.356	-0.121	---	---	---
*DOUGLAS ST at IMPERIAL HWY	34	1755	3102	2767	---	0.604	0.295	-0.310	---	0.822	0.489	-0.433	---	---	0.716	0.543	-0.173	---	---	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6770	8602	7913	---	1.223	1.095	-0.128	---	1.338	1.248	-0.090	---	---	1.033	1.080	0.047	---	---	---
VISTA DEL MAR at GRAND AV	36	2469	2605	2320	---	1.130	0.741	-0.389	---	0.574	0.602	0.028	---	---	0.639	0.669	0.031	---	---	---
LA CIENEGA BLVD at FLORENCE AV	40	3644	4657	5641	---	0.922	0.847	-0.080	---	1.198	1.106	-0.092	---	---	1.633	1.567	-0.066	---	---	---
HIGHL AND AV/VISTA DEL MAR at ROSECRANS AV	43	2526	2822	2415	---	1.270	0.954	-0.316	---	1.000	0.507	-0.083	---	---	0.929	0.943	0.013	---	---	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6162	5885	4860	Yes	0.743	0.827	0.084	X	1.055	0.879	0.176	---	---	0.766	0.677	-0.088	---	---	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5076	4786	3171	Yes	0.695	0.760	0.065	X	0.814	0.699	-0.115	---	---	0.835	0.526	-0.308	---	---	---
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1941	2152	4239	---	0.376	0.280	-0.096	---	0.340	0.319	-0.021	---	---	0.681	0.693	0.012	---	---	---
*MAIN ST at IMPERIAL HWY (1)	47					0.882					1.211					0.630				
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4724	5106	3340			0.646				0.794					0.564				
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3828	2709	3021			0.735				0.533					0.682				
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3814	3267	2624	Yes	1.195	1.308	0.113	X	0.790	0.623	-0.168	---	---	0.428	0.430	0.001	---	---	---
PERSHING DR at IMPERIAL HWY (3)	49					1.559					1.280					0.815				
*SEPULVEDA BLVD at IMPERIAL HWY	50	7263	8923	6277	Yes	0.868	1.053	0.185	X	1.182	1.566	0.385	X	---	1.132	0.846	-0.285	---	---	---
*VISTA DEL MAR at IMPERIAL HWY	51	2470	3376	2499	---	1.294	0.703	-0.591	---	0.918	0.585	-0.333	---	---	1.093	0.535	-0.548	---	---	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	4008	4041	5879	---	1.084	0.728	-0.356	---	0.568	0.559	-0.009	---	---	0.605	0.638	0.034	---	---	---
I-405 N/B RAMPS at JEFFERSON BLVD	54	3498	4068	3410	---	0.896	0.871	-0.025	---	0.963	0.893	-0.090	---	---	0.725	0.711	-0.014	---	---	---
I-405 S/B RAMPS at JEFFERSON BLVD	55	3707	4070	3246	---	0.533	0.481	-0.052	---	0.716	0.670	-0.046	---	---	0.487	0.456	-0.031	---	---	---
LINCOLN BLVD at JEFFERSON BLVD	57	8243	10186	6508	---	1.484	1.428	-0.056	---	1.292	1.214	-0.078	---	---	0.870	0.839	-0.031	---	---	---
LA CIENEGA BLVD at 111TH ST	57	1923	1545	2911	---	0.603	0.339	-0.263	---	0.406	0.363	-0.043	---	---	0.759	0.708	-0.051	---	---	---
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	1949	2509	3337	---	0.405	0.377	-0.029	---	0.557	0.485	-0.071	---	---	0.599	0.561	-0.038	---	---	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1915	1674	2563	---	0.256	0.350	0.094	---	0.222	0.291	0.069	---	---	0.410	0.416	0.006	---	---	---
LA CIENEGA BLVD at LENNOX BLVD	71	1830	1750	3074	---	0.468	0.418	-0.051	---	0.633	0.554	-0.079	---	---	0.895	0.853	-0.042	---	---	---
LA CIENEGA BLVD at MANCHESTER AV	72	3893	4604	5851	---	0.794	0.714	-0.079	---	0.855	0.824	-0.031	---	---	1.257	1.200	-0.057	---	---	---
I-405 N/B RAMPS at LA TIJERA BLVD	78	4050	4808	2323	Yes	0.890	0.997	0.107	X	0.950	0.824	-0.128	---	---	0.644	0.483	-0.161	---	---	---
I-405 S/B RAMPS at LA TIJERA BLVD	79	4213	4817	3102	---	0.811	0.744	-0.067	---	0.979	0.912	-0.067	---	---	0.449	0.527	0.079	---	---	---
LINCOLN BLVD at LA TIJERA BLVD	81	6301	6911	4704	Yes	0.591	0.892	0.291	X	0.633	1.069	0.436	X	---	0.505	0.925	0.421	---	---	---
LA TIJERA BLVD at MANCHESTER AV	82	3203	4497	3523	---	0.775	0.626	-0.149	---	0.940	0.864	-0.076	---	---	0.733	0.604	-0.129	---	---	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6296	7151	3150	Yes	0.988	1.385	0.397	X	1.051	1.824	0.773	X	---	0.586	0.788	0.202	---	---	---
LINCOLN BLVD at 83RD ST	87	7026	9797	7164	Yes	1.126	1.220	0.093	X	1.929	1.550	-0.379	---	---	1.588	1.525	-0.063	---	---	---
LINCOLN BLVD at MANCHESTER AV	88	7491	10072	6774	---	1.021	1.028	0.008	---	2.164	1.703	-0.461	---	---	1.054	1.221	0.167	---	---	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.684					0.677					0.545				
LINCOLN BLVD at TEALE ST	94	6087	6855	5428	Yes	0.544	0.764	0.220	X	0.720	0.640	-0.080	---	---	0.466	0.482	0.016	---	---	---
PERSHING DR at MANCHESTER AV	98	1266	2063	983	---	0.534	0.391	-0.143	---	0.815	0.641	-0.176	---	---	0.350	0.215	-0.135	---	---	---
SEPULVEDA BLVD at MANCHESTER AV	99	6143	6329	4209	---	1.109	1.116	0.007	---	1.154	1.031	-0.123	---	---	0.862	0.844	-0.119	---	---	---
SEPULVEDA BLVD at MARIPOSA AV	100	6414	8108	6124	Yes	0.891	0.929	0.038	X	1.130	1.466	0.337	X	---	1.191	1.679	0.487			

# IMPACTS

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Notes: (1) Splits into two interchanges in new design for 2015,

		Alternative B App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK					
INTERSECTIONS	BA ID	AM	PM	AP		NANP	V/C	Alt. B V/C	Alt. B - NANP	Pk-Hr Impact	NANP	V/C	Alt. B V/C	Alt. B - NANP	Pk-Hr Impact	NANP	V/C	Alt. B V/C	Alt. B - NANP
AIRPORT BLVD at ARBOR VITAE ST (3)	3				---	0.932				1.177					1.323				
AIRPORT BLVD at CENTURY BLVD	4	3527	4789	3830	---	0.679	0.366	-0.313	---	0.779	0.615	-0.164	---	---	0.742	0.499	-0.243	---	---
AIRPORT BLVD at LA TIJERA BLVD	5	2490	2965	3138	---	0.638	0.444	-0.193	---	0.718	0.533	-0.186	---	---	0.785	0.657	-0.127	---	---
AIRPORT BLVD at MANCHESTER AV	6	3163	3885	4108	---	1.006	0.675	-0.331	---	0.969	0.792	-0.177	---	---	1.001	0.836	-0.165	---	---
AVIATION BLVD at ARBOR VITAE ST (2)	7	7039	7625	7081	---	1.168	0.921	-0.248	---	1.311	0.969	-0.341	---	---	1.065	0.907	-0.158	---	---
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A				---														
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B				---														
LA CIENEGA BLVD at ARBOR VITAE ST	8	5208	6188	5943	---	1.243	1.036	-0.207	---	1.013	1.009	-0.004	---	---	1.009	1.204	0.195	---	---
AVIATION BLVD at 111TH ST (3)	10				---	0.536				0.670					0.905				
AVIATION BLVD at CENTURY BLVD	11	7134	8601	7646	Yes	1.173	0.950	-0.223	---	1.157	1.267	0.130	X	---	1.899	1.281	-0.618	---	---
AVIATION BLVD at EL SEGUNDO BLVD	12	5672	6852	6128	---	1.194	1.041	-0.153	---	1.173	1.076	-0.098	---	---	1.148	1.143	-0.005	---	---
AVIATION BLVD at IMPERIAL HWY	13	5885	7676	6997	Yes	1.069	1.410	0.341	X	1.070	1.445	0.375	X	---	1.297	1.437	0.140	---	---
AVIATION BLVD at MANCHESTER AV	14	3932	5007	5773	---	1.451	0.933	-0.518	---	1.147	1.077	-0.070	---	---	1.529	1.493	-0.036	---	---
AVIATION BLVD at ROSECRANS AV	15	8062	9819	7976	---	1.465	1.345	-0.120	---	1.748	1.674	-0.074	---	---	1.680	1.679	-0.001	---	---
CENTINELA AV at JEFFERSON BLVD	18	6184	7177	5173	Yes	1.200	1.090	-0.110	---	1.219	1.303	0.024	X	---	1.145	1.103	-0.041	---	---
SEPULVEDA BLVD at CENTINELA AV	22	7726	7947	5870	---	1.536	1.441	-0.095	---	1.356	1.291	-0.066	---	---	1.079	1.015	-0.065	---	---
LA CIENEGA BLVD at CENTURY BLVD	26	6137	7799	5089	Yes	0.926	0.858	-0.068	---	0.932	1.011	0.079	X	---	0.632	0.676	0.044	---	---
SEPULVEDA BLVD at CENTURY BLVD (2)	27	5481	6108	3215	---	0.847	0.534	-0.313	---	0.886	0.758	-0.128	---	---	0.819	0.405	-0.334	---	---
CULVER BLVD at JEFFERSON BLVD	28	2218	4390	2692	---	0.847	0.504	-0.343	---	1.374	1.355	-0.019	---	---	0.779	0.751	-0.028	---	---
VISTA DEL MAR at CULVER BLVD	33	1027	1954	1454	---	0.645	0.300	-0.345	---	0.512	0.462	-0.050	---	---	0.477	0.363	-0.114	---	---
DOUGLAS ST at IMPERIAL HWY	34	1686	2920	2484	---	0.604	0.287	-0.317	---	0.922	0.451	-0.471	---	---	0.716	0.503	-0.212	---	---
SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6679	8530	7749	---	1.223	1.079	-0.144	---	1.338	1.228	-0.110	---	---	1.033	1.084	0.051	---	---
VISTA DEL MAR at GRAND AV	36	2443	2612	2306	---	1.130	0.732	-0.398	---	0.574	0.603	0.029	---	---	0.639	0.853	0.215	---	---
LA CIENEGA BLVD at LORENCE AV	40	3326	4403	5773	---	0.922	0.760	-0.162	---	1.198	1.060	-0.138	---	---	1.633	1.441	-0.192	---	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2491	2601	2400	---	1.270	0.937	-0.333	---	1.000	0.916	-0.084	---	---	0.929	0.935	0.006	---	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6290	5838	4828	Yes	0.743	0.835	0.091	X	1.055	0.874	-0.181	---	---	0.766	0.675	-0.091	---	---
I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	5757	5049	3463	Yes	0.695	0.844	0.150	X	0.814	0.728	-0.086	---	---	0.835	0.561	-0.274	---	---
I-405 FWY NB RAMP at IMPERIAL HWY	46	1853	2050	4056	---	0.376	0.267	-0.109	---	0.340	0.310	-0.030	---	---	0.681	0.668	-0.013	---	---
MAIN ST at IMPERIAL HWY (1)	47				---	0.882				1.211					0.630				
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2617	2513	1772	---		0.497				0.497					0.320			
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1836	1801	1423	---		0.475				0.561					0.342			
I-105 FWY WB OFF/NASH ST at IMPERIAL HWY	48	3759	3143	2416	Yes	1.195	1.303	0.108	X	0.790	0.615	-0.176	---	---	0.428	0.431	0.003	---	---
PERSHING DR at IMPERIAL HWY (3)	49				---	1.559				1.280					0.815				
SEPULVEDA BLVD at IMPERIAL HWY	50	7248	8757	6202	Yes	0.868	1.094	0.226	X	1.182	1.568	0.386	X	---	1.132	0.835	-0.297	---	---
VISTA DEL MAR at IMPERIAL HWY	51	2446	3392	2487	---	1.254	0.699	-0.506	---	0.918	0.594	-0.324	---	---	1.083	0.534	-0.549	---	---
LA CIENEGA BLVD at IMPERIAL HWY	52	4300	4073	5943	---	1.084	0.886	-0.198	---	0.568	0.619	0.051	---	---	0.605	0.636	0.031	---	---
I-405 N/B RAMP at JEFFERSON BLVD	54	3449	4018	3335	---	0.696	0.843	-0.053	---	0.993	0.886	-0.097	---	---	0.725	0.698	-0.028	---	---
I-405 S/B RAMP at JEFFERSON BLVD	55	3648	4071	3169	---	0.533	0.482	-0.051	---	0.716	0.673	-0.043	---	---	0.487	0.451	-0.036	---	---
LINCOLN BLVD at JEFFERSON BLVD	57	8247	10201	6826	---	1.484	1.449	-0.036	---	1.292	1.220	-0.072	---	---	0.870	0.853	-0.017	---	---
LA CIENEGA BLVD at 111TH ST (3)	67				---	0.603				0.406					0.759				
LA CIENEGA BLVD at I-405 RAMP S/O CENTURY BL	68	1977	2611	3352	---	0.405	0.389	-0.017	---	0.557	0.490	-0.067	---	---	0.599	0.575	-0.024	---	---
LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1718	1537	2380	---	0.256	0.277	0.020	---	0.222	0.230	0.008	---	---	0.410	0.333	-0.077	---	---
LA CIENEGA BLVD at LENNOX BLVD	71	1775	1727	2975	---	0.468	0.410	-0.058	---	0.633	0.538	-0.086	---	---	0.895	0.846	-0.049	---	---
LA CIENEGA BLVD at MANCHESTER AV	72	3689	4404	5434	---	0.794	0.684	-0.110	---	0.855	0.769	-0.086	---	---	1.257	1.092	-0.164	---	---
I-405 N/B RAMP at LA TIJERA BLVD	78	3973	4580	2300	Yes	0.890	0.989	0.099	X	0.950	0.801	-0.150	---	---	0.844	0.502	-0.343	---	---
I-405 S/B RAMP at LA TIJERA BLVD	79	4028	4583	3054	---	0.811	0.710	-0.101	---	0.979	0.906	-0.073	---	---	0.449	0.470	0.022	---	---
LINCOLN BLVD at LA TIJERA BLVD	81	6407	7014	4879	Yes	0.591	0.871	0.280	X	0.633	1.185	0.552	X	---	0.505	0.884	0.479	---	---
LA TIJERA BLVD at MANCHESTER AV	82	2900	3928	3166	---	0.775	0.539	-0.236	---	0.940	0.726	-0.214	---	---	0.733	0.563	-0.170	---	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	5929	6257	2889	Yes	0.968	1.229	0.241	X	1.051	1.317	0.265	X	---	0.586	0.635	0.049	---	---
LINCOLN BLVD at 83RD ST	87	7022	9797	7183	Yes	1.126	1.216	0.089	X	1.929	1.576	-0.353	---	---	1.589	1.526	-0.061	---	---
LINCOLN BLVD at MANCHESTER AV	88	7434	10004	6601	Yes	1.021	1.042	0.021	X	2.164	1.800	-0.364	---	---	1.054	1.149	0.095	---	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93				---	0.884				0.677					0.545				
LINCOLN BLVD at TEAL ST	94	6087	6857	5489	Yes	0.544	0.765	0.221	X	0.720	0.649	-0.072	---	---	0.466	0.486	0.020	---	---
PERSHING DR at MANCHESTER AV	98	1346	2128	918	Yes	0.534	0.446	-0.089	---	0.815	0.989	0.174	X	---	0.350	0.230	-0.121	---	---
SEPULVEDA BLVD at MANCHESTER AV	99	6415	6305	3946	Yes	1.109	1.199	0.090	X	1.154	1.026	-0.128	---	---	0.862	0.835	-0.027	---	---
SEPULVEDA BLVD at MARIPOSA AV	100	6412	8093	6165	Yes	0.891	0.913	0.022	X	1.130	1.469	0.340	X	---	1.191	1.671	0.479	---	---
PERSHING DR at WESTCHESTER PKWY (2)	101	1683	1803	1215	---	0.440	0.547	0.107	---	0.446	0.623	0.177	---	---	0.169	0.415	0.245	---	---
SEPULVEDA BLVD at ROSECRANS AV	103	8420	10209	8582	---	1.670	1.606	-0.264	---	1.760	1.680	-0.080	---	---	1.916	1.919	0.003	---	---
SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4763	3680																

# IMPACTS

Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better, (2) Redesigned for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better



## 2015 PHASE 3F - ALTERNATIVE B VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

2015 PHASE 3F - ALTERNATIVE B VS NO ACTION PROJECT ALTERNATIVE																												
No.		Link Location		Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR							
					NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
					NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact
1	Lincoln Boulevard	n/o Venice Boulevard**	-	0.750	0.761	0.010	---	0.916	0.915	0.000	---	0.979	0.985	0.006	---	0.919	0.925	0.006	---	0.763	0.779	0.016	---	0.807	0.801	-0.006	---	
2	Centinela Avenue	n/o Venice Boulevard**	-	0.939	0.945	0.006	---	0.666	0.662	-0.006	---	0.849	0.837	-0.012	---	0.913	0.932	0.018	---	0.754	0.765	0.011	---	0.878	0.867	-0.011	---	
3	Sawtelle Boulevard	n/o Venice Boulevard**	-	0.633	0.599	-0.033	---	0.635	0.613	0.009	---	0.516	0.498	-0.018	---	0.767	0.762	0.015	---	0.628	0.664	0.055	---	0.704	0.748	0.044	---	
4	Sepulveda Boulevard	n/o Venice Boulevard**	-	0.877	0.873	-0.003	---	0.740	0.732	-0.008	---	1.090	1.082	-0.008	---	0.944	0.932	0.006	---	0.837	0.841	0.004	---	0.690	0.686	-0.004	---	
5	Overland Avenue	n/o Venice Boulevard**	Yes	0.900	0.900	0.000	---	1.008	0.979	-0.029	---	0.909	0.915	0.006	---	1.162	1.187	0.025	X	0.871	0.892	0.021	---	1.052	1.045	-0.007	---	
6	Stocker Street	n/o La Brea Avenue	-	0.504	0.512	0.009	---	0.549	0.522	-0.026	---	0.569	0.632	0.037	---	0.498	0.506	0.008	---	0.581	0.586	0.001	---	0.586	0.589	0.002	---	
7	Slouson Avenue	n/o La Brea Avenue	-	0.436	0.427	-0.029	---	0.738	0.715	-0.023	---	0.597	0.685	0.033	---	0.499	0.487	-0.012	---	0.589	0.402	0.013	---	0.378	0.372	-0.006	---	
8	Centinela Avenue	n/o La Brea Avenue	-	0.510	0.434	-0.376	---	1.025	0.977	-0.048	---	0.769	0.726	-0.042	---	1.249	1.265	-0.245	---	0.789	0.773	-0.015	---	0.627	0.622	-0.005	---	
9	La Cienega Boulevard	n/o Slouson Avenue	-	0.549	0.547	-0.001	---	0.606	0.555	-0.050	---	0.677	0.561	-0.017	---	0.603	0.603	0.003	---	0.397	0.398	0.001	---	0.425	0.404	-0.022	---	
10	Manchester Boulevard	n/o La Brea Avenue	-	0.547	0.545	-0.001	---	0.611	0.536	-0.075	---	0.701	0.541	-0.059	---	0.619	0.638	0.019	---	0.474	0.470	-0.004	---	0.534	0.518	-0.016	---	
11	Ashby Vista	n/o La Brea Avenue	-	0.464	0.456	-0.009	---	0.333	0.300	-0.033	---	0.462	0.440	-0.022	---	0.520	0.522	0.002	---	0.651	0.652	0.001	---	0.392	0.399	0.007	---	
12	Century Boulevard	n/o La Brea Avenue	-	0.464	0.572	0.037	---	0.580	0.528	-0.053	---	0.694	0.655	-0.029	---	0.538	0.529	-0.009	---	0.538	0.541	0.003	---	0.478	0.478	0.000	---	
13	Imperial Highway	n/o La Brea Avenue	-	0.265	0.315	0.051	---	0.464	0.381	-0.084	---	0.680	0.621	-0.080	---	0.378	0.375	-0.002	---	0.485	0.515	0.029	---	0.708	0.675	-0.032	---	
14	Aviation Boulevard	n/o Rossmore Avenue	-	0.741	0.691	-0.050	---	0.228	0.225	0.003	---	0.461	0.462	0.002	---	0.813	0.782	-0.030	---	0.435	0.443	0.008	---	0.344	0.347	0.003	---	
15	Sepulveda Boulevard	n/o Rossmore Avenue	-	1.028	0.916	-0.113	---	0.273	0.273	0.001	---	0.475	0.465	0.002	---	0.902	0.888	-0.034	---	0.537	0.536	-0.001	---	0.540	0.547	0.007	---	
16	Pacific Avenue	n/o Venice Boulevard**	-	0.319	0.358	0.039	---	0.578	0.576	-0.002	---	0.360	0.347	-0.013	---	0.523	0.549	0.026	---	0.461	0.481	0.020	---	0.553	0.566	0.005	---	
17	Washington Boulevard	n/o Lincoln Boulevard**	-	0.882	0.665	-0.217	---	0.432	0.405	-0.027	---	0.619	0.588	-0.031	---	0.463	0.485	0.035	---	0.334	0.340	0.006	---	0.490	0.487	-0.002	---	
18	Marina Freeway	n/o Lincoln Boulevard**	-	0.292	0.265	0.004	---	0.296	0.257	-0.039	---	0.325	0.309	-0.016	---	0.308	0.300	-0.008	---	0.350	0.348	-0.001	---	0.319	0.312	-0.007	---	
19	Culver Boulevard	n/o Lincoln Boulevard	-	0.825	0.583	-0.043	---	0.030	0.025	-0.005	---	0.320	0.280	-0.020	---	0.585	0.545	-0.041	---	0.361	0.334	-0.027	---	0.442	0.410	-0.032	---	
20	Jefferson Avenue	n/o Lincoln Boulevard**	-	0.833	0.749	-0.085	---	0.518	0.361	-0.156	---	0.606	0.510	-0.095	---	0.672	0.703	0.030	---	0.622	0.642	0.019	---	0.658	0.625	-0.033	---	
21	Lincoln Boulevard	n/o Jefferson Avenue**	Yes	0.717	1.025	0.307	X	0.389	0.380	-0.019	---	0.988	0.901	-0.087	---	0.672	0.703	0.030	---	0.622	0.642	0.019	---	0.658	0.625	-0.033	---	
22	Culver Boulevard	n/o Jefferson Avenue**	-	0.704	0.453	-0.251	---	0.345	0.283	-0.063	---	0.597	0.537	-0.060	---	0.875	0.819	-0.056	---	0.427	0.384	-0.033	---	0.465	0.455	-0.019	---	
23	Vista Del Mar	n/o Culver Boulevard**	-	0.395	0.127	-0.267	---	0.165	0.122	-0.073	---	0.285	0.277	-0.009	---	0.470	0.401	-0.069	---	0.339	0.243	-0.096	---	0.288	0.269	-0.020	---	
24	La Brea Avenue	n/o Slouson Avenue	-	0.567	0.574	0.014	---	0.528	0.496	-0.061	---	0.588	0.663	0.025	---	0.624	0.618	-0.006	---	0.529	0.531	0.001	---	0.597	0.579	-0.019	---	
25	Jefferson Boulevard	n/o Rodeo Road	-	0.406	0.395	-0.011	---	0.871	0.865	-0.005	---	0.576	0.572	-0.004	---	0.595	0.620	0.007	---	0.554	0.565	0.002	---	0.352	0.332	-0.020	---	
26	Sepulveda Boulevard	n/o Slouson Avenue	-	0.921	0.938	0.017	---	0.431	0.371	-0.062	---	0.809	0.723	-0.086	---	0.935	0.820	-0.007	---	0.587	0.559	0.012	---	0.836	0.815	-0.022	---	
27	Centinela Avenue	n/o Sepulveda Boulevard	-	0.549	0.426	-0.122	---	1.027	0.940	-0.085	---	0.885	0.876	-0.019	---	0.795	0.746	-0.050	---	0.587	0.559	0.012	---	0.836	0.815	-0.022	---	
28	El Segundo Boulevard	n/o Hawthorne Boulevard	-	0.181	0.197	0.016	---	0.597	0.519	-0.068	---	0.873	0.805	-0.067	---	0.417	0.413	-0.004	---	0.703	0.710	0.007	---	0.926	0.916	-0.010	---	
29	Ingleswood Boulevard	n/o Rossmore Avenue	-	0.536	0.497	-0.039	---	0.395	0.382	-0.013	---	0.554	0.548	-0.006	---	0.870	0.834	-0.035	---	0.554	0.565	0.002	---	0.352	0.332	-0.020	---	
30	Vista Del Mar	n/o Grand Avenue	-	0.933	0.598	-0.205	---	0.160	0.168	0.008	---	0.219	0.198	-0.021	---	0.611	0.547	-0.364	---	0.323	0.307	-0.016	---	0.228	0.237	0.009	---	

## \* IMPACTS

\*\* Intersections at both ends of these links have ATISAC; the capacities of these links have been increased by 7 percent to reflect ATISAC.

## 2015 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATION) VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

No.	Link Location	Significant Impact	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
			NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B - NANP	Pk Hr Impact
1	Lincoln Boulevard s/o Venice Boulevard**	-	0.750	0.763	0.012	---	0.916	0.918	0.002	---	0.979	0.965	-0.013	---	0.919	0.928	0.008	---	0.763	0.783	0.017	---	0.907	0.880	-0.007	---
2	Centinela Avenue s/o Venice Boulevard**	-	0.939	0.946	0.007	---	0.866	0.863	-0.003	---	0.848	0.839	-0.010	---	0.913	0.922	0.009	---	0.754	0.773	0.019	---	0.878	0.935	0.057	---
3	Santa Monica Boulevard s/o Venice Boulevard**	-	0.633	0.607	-0.025	---	0.805	0.820	0.005	---	0.516	0.507	-0.008	---	0.767	0.781	0.014	---	0.528	0.564	0.036	---	0.704	0.785	0.080	---
4	Sepulveda Boulevard s/o Venice Boulevard**	Yes	0.877	0.873	-0.004	---	0.743	0.744	0.004	---	1.052	1.076	0.013	---	0.944	0.949	0.005	---	0.837	0.822	-0.015	---	0.995	1.062	0.073	X
5	Oversand Avenue s/o Venice Boulevard**	Yes	0.900	0.904	0.003	---	1.008	0.977	-0.031	---	0.900	0.898	-0.011	---	1.162	1.197	0.035	X	0.871	0.902	0.031	---	1.552	1.094	0.042	---
6	Stockton Street s/o La Brea Avenue	-	0.504	0.514	0.011	---	0.548	0.545	-0.003	---	0.669	0.659	-0.011	---	0.498	0.514	0.015	---	0.581	0.593	0.012	---	0.586	0.504	0.018	---
7	Siemon Avenue s/o La Brea Avenue	-	0.485	0.429	-0.057	---	0.738	0.713	-0.025	---	0.697	0.669	-0.028	---	0.499	0.493	-0.006	---	0.389	0.407	0.018	---	0.378	0.368	-0.010	---
8	Centinela Avenue s/o La Brea Avenue	-	0.510	0.423	-0.087	---	1.025	0.859	-0.066	---	0.769	0.727	-0.042	---	1.249	1.308	0.042	---	0.798	0.755	-0.032	---	0.627	0.611	-0.016	---
9	La Cienega Boulevard s/o Siemon Avenue	-	0.549	0.552	0.003	---	0.605	0.563	-0.043	---	0.677	0.561	-0.016	---	0.600	0.639	0.009	---	0.397	0.430	0.033	---	0.426	0.414	-0.012	---
10	Manchester Boulevard w/o La Brea Avenue	-	0.547	0.543	-0.004	---	0.511	0.533	0.022	---	0.701	0.654	-0.047	---	0.519	0.637	0.018	---	0.474	0.465	-0.009	---	0.534	0.526	-0.008	---
11	Ashlar Vista w/o La Brea Avenue	-	0.464	0.447	-0.016	---	0.333	0.293	-0.040	---	0.462	0.433	-0.029	---	0.523	0.500	-0.022	---	0.651	0.639	-0.012	---	0.392	0.379	-0.013	---
12	Century Boulevard w/o La Brea Avenue	-	0.484	0.522	0.038	---	0.580	0.519	-0.061	---	0.694	0.659	-0.035	---	0.538	0.502	-0.035	---	0.538	0.525	-0.014	---	0.479	0.452	0.026	---
13	Imperial Highway w/o La Brea Avenue	-	0.265	0.301	0.036	---	0.464	0.370	-0.093	---	0.580	0.585	0.005	---	0.378	0.364	-0.014	---	0.485	0.495	0.011	---	0.709	0.692	-0.055	---
14	Aviation Boulevard s/o Rosecrans Avenue	-	0.741	0.692	-0.049	---	0.229	0.265	0.036	---	0.461	0.455	-0.005	---	0.813	0.785	-0.028	---	0.435	0.428	-0.007	---	0.744	0.329	-0.015	---
15	Sepulveda Boulevard s/o Rosecrans Avenue	-	1.078	0.908	-0.120	---	0.273	0.269	-0.004	---	0.475	0.468	0.003	---	0.902	0.665	-0.037	---	0.537	0.531	-0.005	---	0.540	0.549	0.009	---
16	Pacific Avenue s/o Venice Boulevard**	-	0.319	0.261	0.042	---	0.578	0.582	0.003	---	0.380	0.338	-0.021	---	0.523	0.531	0.008	---	0.461	0.486	0.025	---	0.563	0.557	-0.007	---
17	Washington Boulevard s/o Lincoln Boulevard**	-	0.692	0.655	-0.027	---	0.432	0.385	-0.036	---	0.619	0.598	-0.021	---	0.460	0.480	0.001	---	0.334	0.337	0.003	---	0.490	0.489	-0.002	---
18	Marina Freeway s/o Lincoln Boulevard**	-	0.292	0.287	0.005	---	0.295	0.256	-0.041	---	0.325	0.301	-0.024	---	0.368	0.287	-0.011	---	0.350	0.347	-0.003	---	0.319	0.312	-0.007	---
19	Culver Boulevard s/o Lincoln Boulevard	-	0.625	0.590	-0.046	---	0.333	0.020	-0.011	---	0.300	0.289	-0.011	---	0.386	0.370	-0.015	---	0.381	0.332	-0.029	---	0.442	0.402	-0.040	---
20	Jefferson Avenue s/o Lincoln Boulevard**	-	0.833	0.765	-0.078	---	0.519	0.386	-0.132	---	0.506	0.509	-0.078	---	0.672	0.669	0.026	---	0.622	0.646	0.024	---	0.658	0.635	-0.023	---
21	Lincoln Boulevard s/o Jefferson Avenue**	Yes	0.717	1.020	0.303	X	0.399	0.384	-0.015	---	0.388	0.901	-0.087	---	0.672	0.669	0.026	---	0.427	0.384	-0.043	---	0.465	0.435	-0.029	---
22	Culver Boulevard w/o Jefferson Avenue**	-	0.704	0.442	-0.262	---	0.345	0.284	-0.061	---	0.597	0.555	-0.092	---	0.675	0.902	0.273	---	0.427	0.384	-0.043	---	0.465	0.435	-0.029	---
23	Vista Del Mar s/o Culver Boulevard**	-	0.395	0.130	-0.265	---	0.195	0.121	-0.073	---	0.285	0.277	-0.009	---	0.470	0.399	0.072	---	0.339	0.250	-0.089	---	0.269	0.259	-0.020	---
24	La Brea Avenue s/o Siemon Avenue	-	0.587	0.686	0.100	---	0.305	0.469	0.163	---	0.686	0.658	-0.023	---	0.624	0.515	-0.109	---	0.529	0.565	0.036	---	0.587	0.570	-0.028	---
25	Jefferson Boulevard s/o Rodas Road	-	0.406	0.398	-0.008	---	0.871	0.881	0.011	---	0.576	0.565	-0.011	---	0.525	0.524	-0.002	---	0.169	0.182	0.012	---	0.722	0.724	0.002	---
26	Sepulveda Boulevard s/o Siemon Avenue	Yes	0.821	0.948	0.027	X	0.433	0.373	-0.060	---	0.609	0.724	0.085	---	0.833	0.844	0.009	---	0.554	0.496	-0.058	---	0.521	0.456	-0.065	---
27	Centinela Avenue w/o Sepulveda Boulevard	-	0.549	0.449	-0.100	---	1.027	0.554	-0.073	---	0.895	0.867	-0.008	---	0.796	0.758	-0.036	---	0.587	0.501	0.014	---	0.938	0.835	-0.031	---
28	El Segundo Boulevard w/o Hawthorne Boulevard	-	0.181	0.194	0.013	---	0.587	0.514	-0.073	---	0.873	0.796	-0.075	---	0.417	0.408	-0.009	---	0.703	0.702	-0.001	---	0.825	0.906	-0.019	---
29	Inglewood Boulevard s/o Rosecrans Avenue	-	0.556	0.500	-0.056	---	0.385	0.385	0.011	---	0.554	0.539	-0.015	---	0.870	0.827	-0.043	---	0.554	0.549	-0.005	---	0.352	0.342	-0.010	---
30	Vista Del Mar s/o Grand Avenue	-	0.973	0.665	-0.208	---	0.160	0.165	0.005	---	0.219	0.210	-0.008	---	0.611	0.543	-0.058	---	0.323	0.308	-0.015	---	0.229	0.240	0.019	---

IMPACTS

\*\* Intersections at both ends of these links have ATISAC, the capacities of these links have been increased by 7 percent to reflect ATISAC.

2015 PHASE 3F - ALTERNATIVE B VS. NO ACTION/NO PROJECT ALTERNATIVE FREEWAY LEVEL OF SERVICE COMPARISONS																												
No.		Link Location		Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
					NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
					NANP V/C	Alter B V/C	Alter B NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B NANP	Pk Hr Impact	NANP V/C	Alter B V/C	Alter B NANP	Pk Hr Impact
1	Interstate 405 n/a Venice Blvd.	Yes	0.855	0.876	0.321	--	0.845	0.847	0.002	--	0.999	0.991	-0.008	--	0.775	0.784	0.009	--	1.049	1.074	0.025	X	0.980	0.999	0.019	--		
	HOV	Yes	0.397	0.408	0.312	--	0.804	0.804	0.000	--	0.892	0.903	0.011	--	0.797	0.811	0.024	--	0.919	0.916	0.037	--	1.273	1.333	0.061	X		
2	Interstate 405 n/a La Tijera Blvd.	-	1.033	1.015	-0.019	--	1.269	1.047	-0.223	--	1.253	1.109	-0.144	--	1.151	1.285	-0.066	--	1.256	1.155	-0.061	--	1.112	1.021	-0.090	--		
	HOV	-	0.480	0.474	0.015	--	0.928	0.516	-0.241	--	0.924	0.766	-0.163	--	0.762	0.638	-0.124	--	0.917	0.733	-0.185	--	1.129	0.922	-0.207	--		
3	Interstate 405 s/a Rosecrans Ave.	-	1.147	1.123	-0.024	--	0.938	0.966	0.031	--	1.063	1.075	0.013	--	1.258	1.220	-0.039	--	1.224	1.230	0.006	--	1.159	1.165	0.007	--		
	HOV	-	0.583	0.601	0.010	--	0.418	0.505	0.087	--	0.630	0.666	0.036	--	0.746	0.832	0.086	--	0.815	0.808	-0.003	--	0.811	0.593	-0.172	--		
4	Interstate 105 s/a Crenshaw Blvd.	Yes	0.819	0.895	0.076	--	1.271	1.138	0.068	X	0.971	1.048	0.077	X	0.977	1.071	0.094	X	0.587	0.667	0.083	--	0.644	0.724	0.081	--		
	HOV	-	0.359	0.415	0.057	--	0.567	0.591	0.024	--	0.774	0.774	0.001	--	0.554	0.652	0.098	--	0.701	0.621	0.120	--	0.810	0.861	0.051	--		
# IMPACTS		3																										

[illegible]

Los Angeles International Airport Master Plan																										
2015 PHASE 3F - ALTERNATIVE B (WITH FINAL MITIGATION) VS. NO ACTION/NO PROJECT ALTERNATIVE (REVISED AS OF 2/10/00) FREEWAY LEVEL OF SERVICE COMPARISONS																										
No.	Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								AP Peak Hour							
			NB/LB				SB/WB				NB/LB				SB/WB				NB/LB				SB/WB			
			NANP V/C	Alt B V/C	Alt B - NANP	Pk Hr Impact	NANP V/C	Alt B V/C	Alt B - NANP	Pk Hr Impact	NANP V/C	Alt B V/C	Alt B - NANP	Pk Hr Impact	NANP V/C	Alt B V/C	Alt B - NANP	Pk Hr Impact	NANP V/C	Alt B V/C	Alt B - NANP	Pk Hr Impact	NANP V/C	Alt B V/C	Alt B - NANP	Pk Hr Impact
1	Interstate 405 n/a Venice Blvd. HOV	Yes Yes	0.855 0.387	0.878 0.414	0.022 0.028	— —	0.845 0.804	0.849 0.807	0.004 0.004	— —	0.889 0.892	0.890 0.908	-0.009 0.016	— —	0.775 0.787	0.783 0.807	0.008 0.020	— —	1.049 0.819	1.077 0.912	0.027 0.093	X —	0.980 1.273	0.997 1.336	0.017 0.064	— X
2	Interstate 405 n/a La Tijera Blvd. HOV	- -	1.038 0.460	1.000 0.482	-0.033 0.023	— —	1.269 0.756	1.063 0.548	-0.207 -0.208	— —	1.253 0.964	1.113 0.790	-0.141 -0.134	— —	1.151 0.762	1.088 0.643	-0.064 -0.119	— —	1.256 0.917	1.171 0.753	-0.085 -0.164	— —	1.112 1.129	1.029 0.943	-0.083 -0.187	— —
3	Interstate 405 s/a Rosecrans Ave. HOV	- -	1.147 0.583	1.124 0.602	-0.023 0.019	— —	0.936 0.418	0.967 0.520	0.032 0.103	— —	1.063 0.533	1.074 0.682	0.011 0.032	— —	1.258 0.746	1.221 0.847	-0.038 0.101	— —	1.224 0.815	1.233 0.826	0.000 0.012	— —	1.159 0.811	1.167 0.991	0.008 0.180	— —
4	Interstate 105 s/a Crenshaw Blvd. HOV	Yes -	0.819 0.358	0.894 0.410	0.075 0.052	— —	1.071 0.567	1.135 0.581	0.064 0.015	X —	0.971 0.774	1.050 0.772	0.078 -0.002	X —	0.977 0.554	1.068 0.646	0.091 0.093	X —	0.587 0.701	0.655 0.819	0.076 0.118	— —	0.644 0.910	0.720 0.866	0.077 0.056	— —
# IMPACTS		3																								



### WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS

## # IMPACTS

		Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK					
INTERSECTIONS	BA ID	AM	PM	AP		NAMP	V/C	ARC V/C	ARC - NAMP	Pk-Hr Impact	NAMP	V/C	ARC V/C	ARC - NAMP	Pk-Hr Impact	NAMP	V/C	ARC V/C	ARC - NAMP
*AIRPORT BLVD at ARBOR VITAE ST (3)	3					0.932				1.177					1.323				
AIRPORT BLVD at ARBOR VITAE ST	3A																		
AIRPORT BLVD at ARBOR VITAE ST	3B																		
AIRPORT BLVD at CENTURY BLVD	4	4844	5344	3938	—	0.679	0.403	-0.276	---	0.779	0.596	-0.183	---	---	0.742	0.496	-0.247	---	---
AIRPORT BLVD at LA TIJERA BLVD	5	2495	2983	3134	---	0.638	0.412	-0.225	---	0.718	0.536	-0.183	---	---	0.785	0.685	-0.100	---	---
AIRPORT BLVD at MANCHESTER AV	6	3480	3763	4261	---	1.056	0.769	-0.237	---	0.969	0.727	-0.242	---	---	1.001	0.921	-0.080	---	---
*AVIATION BLVD at ARBOR VITAE ST (1)	7					1.168				1.311					1.065				
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	5150	5654	5838			0.543				0.701					0.773			
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	4038	4143	4465			0.854				0.695					0.885			
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5940	7598	8636	Yes	1.243	1.570	0.327	X	1.013	1.460	0.447	X	---	1.009	1.153	0.145	---	---
AVIATION BLVD at 111TH ST	10	2641	3173	4018	---	0.536	0.000	-0.536	---	0.670	0.000	-0.670	---	---	0.905	0.000	-0.905	---	---
*AVIATION BLVD at CENTURY BLVD	11	8372	9244	8937	Yes	1.173	1.322	0.149	X	1.157	1.123	-0.034	---	---	1.899	1.876	-0.023	---	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	6050	6900	6377	---	1.194	1.166	-0.028	---	1.173	1.108	-0.066	---	---	1.148	1.206	0.058	---	---
*AVIATION BLVD at IMPERIAL HWY	13	5918	7711	6716	Yes	1.069	0.807	-0.262	---	1.070	1.226	0.156	X	---	1.297	1.166	-0.131	---	---
AVIATION BLVD at MANCHESTER AV	14	3735	4849	5212	---	1.451	0.785	-0.686	---	1.147	0.915	-0.232	---	---	1.529	1.194	-0.335	---	---
AVIATION BLVD at ROSECRANS AV	15	8093	9893	8098	---	1.465	1.340	-0.124	---	1.748	1.887	-0.062	---	---	1.680	1.706	0.026	---	---
CENTINELA AV at JEFFERSON BLVD	18	6354	7127	5130	Yes	1.200	1.101	-0.100	---	1.279	1.300	0.021	X	---	1.145	1.102	-0.043	---	---
SEPULVEDA BLVD at CENTINELA AV	22	7800	7992	5874	---	1.638	1.454	-0.082	---	1.356	1.313	-0.044	---	---	1.079	1.010	-0.069	---	---
*LA CIENEGA BLVD at CENTURY BLVD	26	6668	7667	5048	Yes	0.926	1.082	0.156	X	0.932	1.054	0.122	X	---	0.632	0.858	0.226	---	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	5339	5397	2501	---	0.847	0.471	-0.377	---	0.886	0.637	-0.249	---	---	0.819	0.260	-0.559	---	---
CULVER BLVD at JEFFERSON BLVD	28	2289	4463	2739	---	0.847	0.529	-0.317	---	1.374	1.311	-0.063	---	---	0.779	0.749	-0.031	---	---
VISTA DEL MAR at CULVER BLVD	33	1076	1964	1423	---	0.645	0.313	-0.332	---	0.512	0.465	-0.047	---	---	0.477	0.355	-0.122	---	---
*DOUGLAS ST at IMPERIAL HWY	34	2011	3706	2954	---	0.604	0.330	-0.274	---	0.922	0.542	-0.380	---	---	0.716	0.622	-0.094	---	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6862	8533	7743	---	1.223	1.125	-0.097	---	1.338	1.248	-0.090	---	---	1.033	1.087	0.055	---	---
VISTA DEL MAR at GRAND AV	36	2266	2513	2268	---	1.130	0.678	-0.452	---	0.574	0.631	0.057	---	---	0.639	0.619	0.020	---	---
LA CIENEGA BLVD at FLORENCE AV	40	3784	4709	5643	---	0.922	0.866	-0.055	---	1.198	1.098	-0.100	---	---	1.633	1.566	-0.067	---	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2520	2726	2373	---	1.270	0.954	-0.317	---	1.000	0.867	-0.113	---	---	0.929	0.920	-0.009	---	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6385	6088	4880	Yes	0.743	0.851	0.108	X	1.055	0.937	-0.118	---	---	0.766	0.724	-0.041	---	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4188	4934	4680	---	0.695	0.654	-0.041	---	0.814	0.740	-0.074	---	---	0.635	0.710	-0.125	---	---
*I-405 FWY NB RAMPs at IMPERIAL HWY	46	1901	2009	4048	---	0.376	0.259	-0.117	---	0.340	0.293	-0.047	---	---	0.681	0.648	-0.033	---	---
*MAIN ST at IMPERIAL HWY (1)	47					0.882				1.211					0.630				
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	4910	5219	3328			0.753				0.847					0.469			
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	3236	3317	2321			0.667				0.704					0.465			
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3958	3937	2755	Yes	1.195	1.244	0.048	X	0.790	0.716	-0.074	---	---	0.428	0.412	-0.016	---	---
PERSHING DR at IMPERIAL HWY (3)	49					1.559				1.280					0.815				
*SEPULVEDA BLVD at IMPERIAL HWY	50	7093	8513	6628	Yes	0.868	1.011	0.143	X	1.182	1.650	0.468	X	---	1.132	0.924	-0.209	---	---
*VISTA DEL MAR at IMPERIAL HWY	51	2441	3467	2419	---	1.294	0.693	-0.611	---	0.918	0.647	-0.271	---	---	1.083	0.517	-0.566	---	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	3763	3870	5559	---	1.084	0.747	-0.337	---	0.568	0.596	0.028	---	---	0.605	0.580	-0.025	---	---
I-405 N/B RAMPs at JEFFERSON BLVD	54	3413	4083	3368	---	0.896	0.856	-0.040	---	0.983	0.907	-0.076	---	---	0.725	0.694	-0.031	---	---
I-405 S/B RAMPs at JEFFERSON BLVD	55	3728	4161	3228	---	0.533	0.496	-0.037	---	0.716	0.693	-0.023	---	---	0.487	0.447	-0.039	---	---
LINCOLN BLVD at JEFFERSON BLVD	57	8399	10309	6558	---	1.484	1.431	-0.053	---	1.292	1.226	-0.066	---	---	0.870	0.861	-0.009	---	---
LINCOLN BLVD at 111TH ST	67	1403	1128	2104	---	0.603	0.000	-0.603	---	0.406	0.000	-0.406	---	---	0.759	0.000	-0.759	---	---
*LA CIENEGA BLVD at I-405 RAMPs S/O CENTURY BL	68	2044	2524	3450	---	0.405	0.384	-0.021	---	0.557	0.383	-0.173	---	---	0.599	0.589	-0.010	---	---
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1712	1543	2353	---	0.256	0.285	0.029	---	0.222	0.233	0.011	---	---	0.410	0.354	-0.056	---	---
LA CIENEGA BLVD at LENNOX BLVD	71	2369	2238	3752	Yes	0.468	0.632	0.164	---	0.633	0.775	0.142	X	---	0.895	1.321	0.426	X	---
LA CIENEGA BLVD at MANCHESTER AV	72	3816	4444	5805	---	0.794	0.745	-0.049	---	0.855	0.780	-0.076	---	---	1.257	1.242	-0.015	---	---
I-405 N/B RAMPs at LA TIJERA BLVD	78	4181	4819	2258	Yes	0.890	1.027	0.137	X	0.950	0.867	-0.084	---	---	0.644	0.449	-0.195	---	---
I-405 S/B RAMPs at LA TIJERA BLVD	79	4221	4731	3111	---	0.811	0.801	-0.010	---	0.979	0.953	-0.026	---	---	0.449	0.611	0.163	---	---
LINCOLN BLVD at LA TIJERA BLVD	81	6491	7289	5180	Yes	0.591	0.877	0.286	X	0.633	1.229	0.595	X	---	0.505	0.972	0.466	---	---
LA TIJERA BLVD at MANCHESTER AV	82	3053	4088	3146	---	0.775	0.622	-0.154	---	0.940	0.730	-0.210	---	---	0.733	0.601	-0.132	---	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	6291	7138	3272	Yes	0.988	1.284	0.296	X	1.051	1.749	0.698	X	---	0.586	0.827	0.241	---	---
LINCOLN BLVD at 83RD ST	87	7217	10044	7276	Yes	1.126	1.245	0.119	X	1.929	1.588	-0.341	---	---	1.588	1.540	-0.048	---	---
LINCOLN BLVD at MANCHESTER AV	88	7761	10318	6828	---	1.021	1.015	-0.006	---	2.164	1.732	-0.432	---	---	1.054	1.241	0.187	---	---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.684				0.677					0.545				
LINCOLN BLVD at TEALE ST	94	6232	6886	5499	Yes	0.544	0.785	0.241	X	0.720	0.652	-0.068	---	---	0.456	0.487	0.020	---	---
PERSHING DR at MANCHESTER AV	98	1266	2085	954	---	0.534	0.406	-0.128	---	0.615	0.748	-0.067	---	---	0.350	0.218	-0.132	---	---
SEPULVEDA BLVD at MANCHESTER AV	99	6191	6318	3957	---	1.109	1.113	0.004	---	1.154	1.033	-0.122	---	---	0.962	0.836	-0.127	---	---
SEPULVEDA BLVD at MARIPOSA AV	100	6326	7940																

INTERSECTIONS	BA ID	Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	AR C V/C	AR C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	AR C V/C	AR C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	AR C V/C	AR C - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (3)	3					0.932				1.177				1.323			
AIRPORT BLVD at ARBOR VITAE ST	3A																
AIRPORT BLVD at ARBOR VITAE ST	3B																
AIRPORT BLVD at CENTURY BLVD	4	4681	5545	3938	—	0.679	0.399	-0.280	—	0.779	0.624	-0.155	—	0.742	0.498	-0.247	—
AIRPORT BLVD at LA TIJERA BLVD	5	2466	2912	3134	—	0.638	0.404	-0.233	—	0.718	0.499	-0.219	—	0.785	0.685	-0.100	—
AIRPORT BLVD at MANCHESTER AV	6	3369	3531	4261	—	1.006	0.733	-0.273	—	0.669	0.711	-0.259	—	1.001	0.921	-0.080	—
*AVIATION BLVD at ARBOR VITAE ST (1)	7					1.168				1.311				1.065			
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	5037	5581	5838	—		0.521				0.757				0.811		
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	4824	3957	4488	—		0.838				0.719				0.873		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5733	7326	6636	Yes	1.243	1.603	0.260	X	1.013	1.401	0.388	X	1.009	1.163	0.145	—
AVIATION BLVD at 111TH ST (3)	10					0.536				0.670				0.905	0.000	-0.905	—
*AVIATION BLVD at CENTURY BLVD	11	6269	9281	8937	Yes	1.173	1.381	0.208	X	1.157	1.163	0.006	—	1.899	1.875	-0.024	—
*AVIATION BLVD at EL SEGUNDO BLVD	12	6087	6911	6377	—	1.194	1.172	-0.023	—	1.173	1.113	-0.060	—	1.146	1.206	0.058	—
*AVIATION BLVD at IMPERIAL HWY	13	5896	7681	6716	Yes	1.069	0.831	-0.238	—	1.070	1.214	0.145	X	1.297	1.166	-0.131	—
AVIATION BLVD at MANCHESTER AV	14	3290	4474	5212	—	1.451	0.683	-0.768	—	1.147	0.852	-0.295	—	1.529	1.194	-0.335	—
AVIATION BLVD at ROSECRANS AV	15	8067	9867	8098	—	1.465	1.346	-0.119	—	1.748	1.676	-0.073	—	1.680	1.705	0.025	—
CENTINELA AV at JEFFERSON BLVD	18	6267	7066	5130	Yes	1.200	1.096	-0.105	—	1.279	1.294	0.015	X	1.145	1.102	-0.043	—
SEPULVEDA BLVD at CENTINELA AV	22	7860	7933	5874	—	1.536	1.454	-0.082	—	1.356	1.295	-0.062	—	1.079	1.010	-0.069	—
*LA CIENEGA BLVD at CENTURY BLVD	25	6492	7643	5048	Yes	0.926	1.087	0.161	X	0.932	1.071	0.140	X	0.632	0.867	0.235	—
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4729	5307	2501	—	0.847	0.469	-0.378	—	0.898	0.625	-0.261	—	0.819	0.261	-0.559	—
CULVER BLVD at JEFFERSON BLVD	28	2220	4395	2739	—	0.847	0.498	-0.349	—	1.374	1.296	-0.078	—	0.779	0.749	-0.031	—
VISTA DEL MAR at CULVER BLVD	33	1068	1955	1423	—	0.645	0.308	-0.337	—	0.922	0.551	-0.371	—	0.716	0.622	-0.094	—
*DOUGLAS ST at IMPERIAL HWY	34	1979	3678	2954	—	0.604	0.329	-0.276	—	0.922	0.551	-0.371	—	0.716	0.622	-0.094	—
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6867	8509	7743	—	1.223	1.127	-0.096	—	1.338	1.233	-0.105	—	1.033	1.087	0.055	—
VISTA DEL MAR at GRAND AV	36	2256	2503	2266	—	1.130	0.677	-0.453	—	0.574	0.631	0.057	—	0.639	0.819	0.180	—
LA CIENEGA BLVD at FLORENCE AV	40	3323	4313	5643	—	0.922	0.807	-0.114	—	1.198	1.028	-0.169	—	1.533	1.566	-0.067	—
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2506	2716	2373	—	1.270	0.949	-0.321	—	1.000	0.881	-0.119	—	0.929	0.920	-0.009	—
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6858	6112	4880	Yes	0.743	0.877	0.134	X	1.055	0.935	-0.120	—	0.766	0.724	-0.041	—
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4241	4937	4680	—	0.695	0.665	-0.030	—	0.814	0.738	-0.076	—	0.835	0.710	-0.126	—
*I-405 FWY NB RAMPS at IMPERIAL HWY	46	1862	1983	4048	—	0.376	0.255	-0.121	—	0.340	0.292	-0.048	—	0.681	0.648	-0.033	—
*MAIN ST at IMPERIAL HWY (1)	47					0.882				1.211				0.630			
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2720	2920	1980	—		0.501				0.631				0.359		
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1925	1952	1485	—		0.493				0.559				0.515		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3945	3834	2728	Yes	1.195	1.256	0.061	X	0.790	0.698	-0.091	—	0.428	0.412	-0.016	—
PERSHING DR at IMPERIAL HWY (3)	49					1.569				1.280				0.815	0.000		
*SEPULVEDA BLVD at IMPERIAL HWY	50	7111	8475	6501	Yes	0.858	1.035	0.167	X	1.162	1.667	0.485	X	1.132	0.804	-0.228	—
*VISTA DEL MAR at IMPERIAL HWY	51	2424	3440	2419	—	1.294	0.677	-0.617	—	0.918	0.644	-0.274	—	1.083	0.712	-0.371	—
*LA CIENEGA BLVD at IMPERIAL HWY	52	3806	3851	5536	—	1.084	0.784	-0.300	—	0.568	0.581	0.013	—	0.605	0.580	-0.025	—
I-405 N/B RAMPS at JEFFERSON BLVD	54	3459	4067	3357	—	0.896	0.851	-0.045	—	0.983	0.898	-0.085	—	0.725	0.693	-0.032	—
I-405 S/B RAMPS at JEFFERSON BLVD	55	3693	4133	3196	—	0.533	0.468	-0.064	—	0.716	0.692	-0.024	—	0.487	0.439	-0.048	—
LINCOLN BLVD at JEFFERSON BLVD	57	8380	10167	6539	—	1.484	1.463	-0.021	—	1.292	1.209	-0.083	—	0.870	0.856	-0.014	—
LA CIENEGA BLVD at 111TH ST (3)	67					0.603				0.406				0.759			
*LA CIENEGA BLVD at I-405 RAMPS S/O CENTURY BL	68	2100	2471	3474	—	0.405	0.393	-0.013	—	0.557	0.385	-0.171	—	0.599	0.597	-0.002	—
*LA CIENEGA BLVD at I-405 FWY SB N/O IMPERIAL	69	1720	1517	2282	—	0.256	0.285	0.029	—	0.222	0.226	0.004	—	0.410	0.339	-0.071	—
LA CIENEGA BLVD at LENNOX BLVD	71	2410	2204	3677	Yes	0.468	0.673	0.205	—	0.633	0.798	0.165	X	0.895	1.346	0.451	X
LA CIENEGA BLVD at MANCHESTER AV	72	3737	4156	5593	—	0.794	0.705	-0.089	—	0.855	0.719	-0.137	—	1.267	1.146	-0.111	—
I-405 N/B RAMPS at LA TIJERA BLVD	78	4042	4706	2227	Yes	0.890	1.003	0.113	X	0.950	0.846	-0.103	—	0.644	0.451	-0.193	—
I-405 S/B RAMPS at LA TIJERA BLVD	79	4104	4846	3053	—	0.811	0.760	-0.051	—	0.979	0.926	-0.053	—	0.449	0.582	0.133	—
LINCOLN BLVD at LA TIJERA BLVD	81	6473	7332	5169	Yes	0.591	0.856	0.265	X	0.633	1.250	0.617	X	0.505	1.017	0.512	—
LA TIJERA BLVD at MANCHESTER AV	82	2990	3940	3083	—	0.775	0.598	-0.178	—	0.940	0.742	-0.197	—	0.733	0.595	-0.138	—
SEPULVEDA BLVD at LA TIJERA BLVD	83	5947	6558	2999	Yes	0.988	1.246	0.258	X	1.051	1.386	0.335	X	0.586	0.637	0.051	—
LINCOLN BLVD at 83RD ST	87	7151	9973	7288	Yes	1.126	1.233	0.106	X	1.929	1.574	-0.354	—	1.588	1.565	-0.033	—
LINCOLN BLVD at MANCHESTER AV	88	7679	10317	6717	—	1.021	0.992	-0.029	—	2.164	1.711	-0.453	—	1.054	1.174	0.119	—
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.684				0.677				0.646			
LINCOLN BLVD at TEALE ST	94	6192	6881	5497	Yes	0.544	0.779	0.235	X	0.720	0.641	-0.079	—	0.456	0.497	0.031	—
PERSHING DR at MANCHESTER AV	98	1329	2149	918	Yes	0.534	0.460	-0.074	—	0.815	1.046	0.231	X	0.350	0.235	-0.116	—
SEPULVEDA BLVD at MANCHESTER AV	99	6414	6361	3972	Yes	1.109	1.182	0.073	X	1.154	1.028	-0.126	—	0.962	0.830	-0.132	—
SEPULVEDA BLVD at MARIPOSA AV	100	6316	7919	6253	Yes	0.891	0.900	0.009	—	1.130	1.489	0.360	X	1.191	1.615	0.424	—
PERSHING DR at WESTCHESTER PKWY (2)	101	1751	2025	1353	Yes	0.440	0.589	0.149	—	0.446	0.742	0.296	X	0.169	0.483	0.313	—
SEPULVEDA BLVD at ROSECRANS AV	103	8566	10227	8585	—	1.870	1.637	-0.233	—	1.760	1.719	-0.042	—	1.916	1.935	0.018	—
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	4935	3818	4105	—	1.401	1.128	-0.275	—	1.117	0.868	-0.249	—	1.201	0.938	-0.263	—
SEPULVEDA BLVD at 76TH/77TH ST	106	5065	4107	3647	Yes	0.793	0.912	0.119	X	0.724	0.639	-0.085	—	0.760	0.646	-0.104	—
*SEPULVEDA BLVD at WESTCHESTER PKWY(1)	109					0.863				1.022				0.637			
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4889	5342	2420	—		0.688				0.661				0.463		
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5560	5841	2944	—		0.705				0.664				0.446		
*LA CIENEGA BLVD at I-405 SB RAMPS N/O CENTURY	111	3616	4200	4077	—	0.607	0.629	0.021	—	0.581	0.665	0.085	—	0.685	0.657	-0.029	—
*I-405 NB OFF-RAMP at CENTURY BLVD	307	4076	4457	2414	—	0.824	0.790	-0.034	—	0.701	0.639	-0.061	—	0.406	0.448	0.042	—
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3097	3569	3186	—	0.779	0.652	-0.127	—	0.768	0.662	-0.107	—	0.505	0.498	-0.007	—
LA CIENEGA BLVD at 120TH ST	313	1117	1159	1148	—	0.460	0.323	-0.138	—	0.471	0.409	-0.063	—	0.467	0.511	0.044	—

# IMPACTS 19  
Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better, (2) Redesigned for 2015 with some grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2015, (\*) Airport Access Facility, must maintain LOS E or better



## 2015 PHASE 3F - ALTERNATIVE C VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

		2015 PHASE 3F - ALTERNATIVE C VS NO ACTION/NO PROJECT												Airport Peak Hour													
		AM Peak Hour								PM Peak Hour								Airport Peak Hour									
		N/E/B				S/W/B				N/E/B				S/W/B				N/E/B				S/W/B					
No.	Link Location	Significant Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	
1	Lincoln Boulevard	s/o Ventura Boulevard**	Yes	0.753	0.755	0.015	---	0.916	0.936	0.021	X	0.979	0.996	0.017	---	0.919	0.945	0.026	X	0.763	0.782	0.019	---	0.807	0.797	-0.010	---
2	Cathedral Avenue	s/o Ventura Boulevard**	-	0.939	0.954	0.015	---	0.666	0.665	0.000	---	0.849	0.855	0.005	---	0.913	0.929	0.016	---	0.754	0.771	0.017	---	0.678	0.675	-0.003	---
3	Santa Monica Boulevard	s/o Ventura Boulevard**	-	0.633	0.621	-0.011	---	0.605	0.602	-0.003	---	0.516	0.552	0.035	---	0.787	0.795	0.008	---	0.628	0.664	0.036	---	0.704	0.746	0.042	---
4	Sepulveda Boulevard	s/o Ventura Boulevard**	Yes	0.877	0.874	-0.004	---	0.740	0.759	0.019	---	1.090	1.076	-0.013	---	0.944	0.965	0.022	X	0.837	0.833	-0.004	---	0.990	0.955	-0.035	---
5	Overland Avenue	s/o Ventura Boulevard**	Yes	0.900	0.915	0.015	---	1.008	0.992	-0.026	---	0.908	0.904	-0.005	---	1.182	1.192	0.030	X	0.871	0.992	0.021	---	1.052	1.039	-0.014	---
6	Stockton Street	s/o La Brea Avenue	-	0.504	0.513	0.009	---	0.549	0.531	-0.018	---	0.659	0.553	-0.219	---	0.498	0.505	0.006	---	0.581	0.593	0.012	---	0.566	0.596	0.030	---
7	Siemon Avenue	s/o La Brea Avenue	-	0.456	0.422	-0.034	---	0.738	0.714	-0.024	---	0.697	0.664	-0.034	---	0.499	0.484	0.016	---	0.589	0.431	0.012	---	0.378	0.268	-0.110	---
8	Catalina Avenue	s/o La Brea Avenue	-	0.510	0.428	-0.082	---	1.025	0.968	-0.058	---	0.769	0.723	-0.046	---	1.249	1.210	-0.039	---	0.768	0.759	-0.029	---	0.627	0.615	-0.012	---
9	La Cienega Boulevard	s/o Siemon Avenue	-	0.549	0.564	0.015	---	0.606	0.564	-0.042	---	0.577	0.658	-0.081	---	0.603	0.595	-0.005	---	0.397	0.400	0.003	---	0.426	0.416	-0.011	---
10	Manchester Boulevard	s/o La Brea Avenue	-	0.547	0.551	0.015	---	0.611	0.546	-0.065	---	0.701	0.687	-0.014	---	0.619	0.648	0.029	---	0.474	0.471	-0.003	---	0.524	0.531	-0.004	---
11	Arbor Vitae	s/o La Brea Avenue	-	0.464	0.474	0.011	---	0.333	0.308	-0.025	---	0.482	0.486	0.004	---	0.520	0.542	0.022	---	0.651	0.639	0.018	---	0.392	0.394	0.002	---
12	Century Boulevard	s/o La Brea Avenue	-	0.484	0.565	0.082	---	0.580	0.539	-0.042	---	0.694	0.691	-0.002	---	0.538	0.500	-0.038	---	0.538	0.546	0.008	---	0.478	0.482	0.004	---
13	Imperial Highway	s/o La Brea Avenue	-	0.265	0.317	0.052	---	0.464	0.376	-0.088	---	0.580	0.603	-0.027	---	0.378	0.371	-0.006	---	0.485	0.518	0.032	---	0.708	0.678	-0.029	---
14	Aviation Boulevard	s/o Rossmore Avenue	-	0.741	0.694	-0.047	---	0.229	0.250	0.021	---	0.461	0.465	0.005	---	0.813	0.796	-0.017	---	0.435	0.443	0.009	---	0.344	0.345	0.001	---
15	Santa Monica Boulevard	s/o Rossmore Avenue	-	1.028	0.921	-0.107	---	0.273	0.285	0.012	---	0.475	0.476	0.001	---	0.902	0.899	-0.003	---	0.537	0.533	-0.003	---	0.540	0.545	0.005	---
16	Pacific Avenue	s/o Ventura Boulevard**	-	0.319	0.372	0.053	---	0.578	0.587	0.018	---	0.350	0.357	-0.003	---	0.523	0.542	0.018	---	0.461	0.487	0.027	---	0.563	0.565	0.002	---
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.682	0.665	-0.017	---	0.432	0.411	-0.021	---	0.619	0.599	-0.030	---	0.480	0.474	-0.007	---	0.334	0.336	0.005	---	0.490	0.468	-0.022	---
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.282	0.287	0.005	---	0.296	0.257	-0.039	---	0.325	0.328	-0.017	---	0.308	0.300	-0.008	---	0.350	0.345	-0.004	---	0.319	0.310	-0.009	---
19	Culver Boulevard	s/o Lincoln Boulevard**	-	0.625	0.593	-0.032	---	0.030	0.019	-0.011	---	0.300	0.265	-0.035	---	0.386	0.354	-0.032	---	0.381	0.337	-0.024	---	0.442	0.398	-0.044	---
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.893	0.753	-0.081	---	0.518	0.349	-0.169	---	0.606	0.521	-0.085	---	1.015	0.948	-0.066	---	0.287	0.251	-0.036	---	0.333	0.283	-0.040	---
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.717	1.054	0.337	X	0.799	0.385	-0.014	---	0.589	0.909	-0.679	---	0.572	0.700	0.028	---	0.622	0.650	0.028	---	0.558	0.635	-0.023	---
22	Culver Boulevard	s/o Jefferson Avenue**	-	0.704	0.456	-0.248	---	0.345	0.291	-0.054	---	0.597	0.507	-0.090	---	0.875	0.620	-0.055	---	0.427	0.397	-0.031	---	0.485	0.454	-0.030	---
23	Vista Del Mar	s/o Culver Boulevard**	-	0.395	0.134	-0.261	---	0.195	0.134	-0.060	---	0.265	0.279	-0.006	---	0.624	0.617	-0.007	---	0.529	0.530	0.001	---	0.557	0.580	-0.018	---
24	La Brea Avenue	s/o Siemon Avenue	-	0.687	0.682	-0.005	---	0.528	0.473	-0.053	---	0.688	0.556	-0.022	---	0.523	0.514	-0.012	---	0.169	0.174	0.004	---	0.722	0.718	-0.005	---
25	Jefferson Boulevard	s/o Rodas Road	-	0.406	0.404	-0.003	---	0.871	0.863	0.012	---	0.575	0.556	-0.021	---	0.835	0.845	0.010	---	0.554	0.514	-0.040	---	0.521	0.501	-0.019	---
26	Sepulveda Boulevard	s/o Siemon Avenue	Yes	0.921	0.957	0.036	X	0.433	0.400	-0.033	---	0.895	0.742	-0.067	---	0.795	0.775	-0.021	---	0.587	0.570	-0.017	---	0.835	0.796	-0.038	---
27	Cathedral Avenue	s/o Sepulveda Boulevard	-	0.549	0.461	-0.088	---	1.027	0.952	-0.085	---	0.895	0.885	-0.030	---	0.417	0.410	-0.007	---	0.703	0.694	-0.006	---	0.326	0.302	-0.024	---
28	El Segundo Boulevard	s/o Hawthorne Boulevard	-	0.181	0.208	0.027	---	0.587	0.523	-0.064	---	0.673	0.808	-0.265	---	0.870	0.836	-0.034	---	0.554	0.548	-0.006	---	0.352	0.324	-0.028	---
29	Inglewood Boulevard	s/o Rossmore Avenue	-	0.556	0.509	-0.046	---	0.385	0.386	-0.009	---	0.554	0.516	-0.036	---	0.811	0.534	-0.077	---	0.323	0.309	-0.014	---	0.228	0.244	0.017	---
30	Vista Del Mar	s/o Grand Avenue	-	0.903	0.733	-0.200	---	0.160	0.163	0.003	---	0.219	0.218	-0.001	---												

## \* IMPACTS

\*\* Intersections at both ends of these links have ATISAC, the capacity of these links have been increased by 7 percent to reflect ATISAC.

## 2015 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISONS

2015 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS NO ACTION/NO PROJECT ALTERNATIVE LEVEL OF SERVICE COMPARISON																											
		AM Peak Hour								PM Peak Hour								Airport Peak Hour									
		NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB					
No.	Link Location	Significant Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	NANP V/C	Alter C V/C	Alter C NANP	Pk Hr Impact	
1	Lincoln Boulevard	s/o Verdugo Boulevard**	-	0.750	0.768	0.017	--	0.916	0.923	0.007	--	0.979	0.975	-0.004	--	0.919	0.935	0.016	--	0.763	0.781	0.018	--	0.977	0.909	0.002	--
2	Centinela Avenue	s/o Verdugo Boulevard**	Yes	0.939	0.951	0.012	--	0.666	0.657	0.002	--	0.849	0.849	-0.001	--	0.913	0.930	0.026	X	0.754	0.770	0.015	--	0.878	0.877	-0.001	--
3	Sawtelle Boulevard	s/o Verdugo Boulevard**	-	0.633	0.615	-0.018	--	0.605	0.612	0.007	--	0.516	0.517	0.001	--	0.797	0.789	0.002	--	0.628	0.671	0.042	--	0.704	0.747	0.043	--
4	Sepulveda Boulevard	s/o Verdugo Boulevard**	-	0.877	0.881	0.003	--	0.743	0.753	0.013	--	1.080	1.087	0.002	--	0.944	0.961	0.017	--	0.837	0.829	-0.008	--	0.963	0.977	-0.012	--
5	Overland Avenue	s/o Verdugo Boulevard**	Yes	0.900	0.930	0.030	X	1.008	0.987	-0.021	--	0.909	0.915	0.005	--	1.182	1.196	0.024	X	0.871	0.902	0.031	--	1.052	1.041	-0.011	--
6	Stocker Street	s/o La Brea Avenue	-	0.524	0.524	0.000	--	0.548	0.548	-0.001	--	0.669	0.651	-0.019	--	0.498	0.511	0.013	--	0.581	0.586	0.009	--	0.586	0.600	0.014	--
7	Stanton Avenue	s/o La Brea Avenue	-	0.455	0.415	-0.040	--	0.738	0.712	-0.026	--	0.697	0.651	-0.046	--	0.439	0.490	-0.009	--	0.789	0.405	0.016	--	0.378	0.362	-0.016	--
8	Centinela Avenue	s/o La Brea Avenue	-	0.510	0.418	-0.092	--	1.025	0.952	-0.074	--	0.769	0.709	-0.059	--	1.249	1.195	-0.054	--	0.397	0.397	-0.001	--	0.426	0.415	-0.011	--
9	La Cienega Boulevard	s/o Stanton Avenue	-	0.549	0.561	0.012	--	0.606	0.563	-0.043	--	0.677	0.665	-0.012	--	0.620	0.605	0.004	--	0.474	0.474	0.000	--	0.534	0.532	-0.002	--
10	Manchester Boulevard	w/o La Brea Avenue	-	0.547	0.567	0.020	--	0.611	0.549	-0.064	--	0.701	0.686	-0.015	--	0.619	0.645	0.025	--	0.551	0.652	0.001	--	0.392	0.389	-0.003	--
11	Arbor Vitae	w/o La Brea Avenue	-	0.454	0.471	0.007	--	0.333	0.308	-0.025	--	0.462	0.470	0.008	--	0.522	0.531	0.011	--	0.538	0.548	0.010	--	0.478	0.475	-0.003	--
12	Century Boulevard	w/o La Brea Avenue	-	0.484	0.560	0.076	--	0.580	0.531	-0.048	--	0.694	0.664	-0.030	--	0.536	0.509	-0.029	--	0.485	0.502	0.016	--	0.708	0.676	-0.032	--
13	Imperial Highway	w/o La Brea Avenue	-	0.265	0.308	0.044	--	0.464	0.368	-0.096	--	0.680	0.594	-0.086	--	0.378	0.364	-0.014	--	0.435	0.434	0.000	--	0.344	0.335	-0.009	--
14	Aviation Boulevard	s/o Rossmore Avenue	-	0.743	0.697	-0.044	--	0.229	0.257	0.027	--	0.451	0.463	0.002	--	0.813	0.798	-0.014	--	0.537	0.532	-0.005	--	0.540	0.545	0.009	--
15	Sepulveda Boulevard	s/o Rossmore Avenue	-	1.028	0.921	-0.107	--	0.273	0.285	0.012	--	0.475	0.478	0.004	--	0.902	0.881	-0.021	--	0.461	0.487	0.026	--	0.563	0.582	0.021	--
16	Pacific Avenue	s/o Verdugo Boulevard**	-	0.319	0.374	0.056	--	0.578	0.595	0.017	--	0.360	0.352	-0.008	--	0.523	0.545	0.021	--	0.334	0.343	0.009	--	0.490	0.488	-0.002	--
17	Wilmington Boulevard	s/o Lincoln Boulevard**	-	0.682	0.635	-0.026	--	0.472	0.403	-0.029	--	0.619	0.585	-0.034	--	0.480	0.473	-0.008	--	0.580	0.346	-0.004	--	0.319	0.307	-0.012	--
18	Marina Freeway	s/o Lincoln Boulevard**	-	0.282	0.293	0.011	--	0.295	0.256	-0.341	--	0.325	0.309	-0.016	--	0.308	0.301	-0.007	--	0.361	0.321	-0.041	--	0.442	0.390	-0.051	--
19	Calver Boulevard	s/o Lincoln Boulevard	-	0.675	0.589	-0.036	--	0.233	0.019	-0.012	--	0.505	0.264	-0.036	--	0.386	0.352	-0.034	--	0.287	0.254	-0.032	--	0.833	0.282	-0.051	--
20	Jefferson Avenue	s/o Lincoln Boulevard**	-	0.833	0.763	-0.073	--	0.518	0.381	-0.137	--	0.588	0.908	-0.081	--	0.672	0.704	0.032	--	0.622	0.652	0.030	--	0.658	0.630	-0.028	--
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.717	1.043	0.326	X	0.399	0.385	-0.013	--	0.597	0.489	-0.099	--	0.875	0.806	-0.069	--	0.427	0.384	-0.043	--	0.485	0.451	-0.034	--
22	Calver Boulevard	w/o Jefferson Avenue**	-	0.704	0.440	-0.263	--	0.245	0.190	-0.055	--	0.285	0.276	-0.010	--	0.470	0.400	-0.070	--	0.339	0.248	-0.091	--	0.289	0.266	-0.023	--
23	Vista Del Mar	s/o Calver Boulevard**	-	0.385	0.140	-0.263	--	0.195	0.136	-0.059	--	0.689	0.565	-0.028	--	0.624	0.512	-0.012	--	0.529	0.524	-0.005	--	0.597	0.570	-0.028	--
24	La Brea Avenue	s/o Stanton Avenue	-	0.587	0.681	-0.007	--	0.525	0.473	-0.054	--	0.576	0.549	-0.027	--	0.525	0.513	-0.012	--	0.189	0.176	0.005	--	0.722	0.714	-0.008	--
25	Jefferson Boulevard	s/o Rodas Road	-	0.406	0.405	-0.001	--	0.871	0.892	0.022	--	0.809	0.740	-0.069	--	0.835	0.891	-0.004	--	0.554	0.508	-0.046	--	0.521	0.490	-0.030	--
26	Sepulveda Boulevard	s/o Stanton Avenue	Yes	0.921	0.968	0.045	X	0.433	0.404	-0.029	--	0.895	0.881	-0.034	--	0.796	0.756	-0.039	--	0.567	0.585	-0.001	--	0.636	0.791	-0.045	--
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.549	0.445	-0.104	--	1.027	0.954	-0.063	--	0.873	0.804	-0.069	--	0.417	0.404	-0.013	--	0.703	0.695	-0.008	--	0.925	0.908	-0.018	--
28	El Segundo Boulevard	w/o Hawthorne Boulevard	-	0.181	0.304	0.024	--	0.587	0.520	0.065	--	0.554	0.523	-0.028	--	0.670	0.629	-0.041	--	0.554	0.548	-0.006	--	0.352	0.323	-0.029	--
29	Inglewood Boulevard	s/o Rossmore Avenue	-	0.556	0.504	-0.052	--	0.395	0.385	-0.010	--	0.219	0.218	0.000	--	0.611	0.530	-0.081	--	0.323	0.310	-0.013	--	0.728	0.246	0.018	--
30	Vista Del Mar	s/o Grand Avenue	-	0.903	0.702	-0.201	--	0.163	0.161	0.001	--																

\* IMPACTS

2015 PHASE 3F - ALTERNATIVE C VS. NO ACTION/NO PROJECT ALTERNATIVE FREEWAY LEVEL OF SERVICE COMPARISONS

2015 PHASE 3F - ALTERNATIVE C VS. NO ACTION PROJECT - ALTERNATIVE A																										
		Total Impacts	AM PEAK HOUR								PM PEAK HOUR								AP PEAK HOUR							
			NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
No.	Link Location		NANP V/C	Altior C V/C	Altior C - NANP	Pk Hr Impact	NANP V/C	Altior C V/C	Altior C - NANP	Pk Hr Impact	NANP V/C	Altior C V/C	Altior C - NANP	Pk Hr Impact	NANP V/C	Altior C V/C	Altior C - NANP	Pk Hr Impact	NANP V/C	Altior C V/C	Altior C - NANP	Pk Hr Impact				
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.855	0.390	0.034	---	0.845	0.659	0.014	---	0.989	1.003	0.004	---	0.775	0.794	0.020	---	1.049	1.082	0.032	X				
		Yes	0.387	0.432	0.045	---	0.804	0.811	0.008	---	0.892	0.922	0.030	---	0.787	0.813	0.026	---	0.819	0.992	0.073	---				
2	Interstate 405 n/o La Tijera Blvd. HOV	-	1.033	0.941	-0.092	---	1.269	0.977	-0.292	---	1.253	1.052	-0.201	---	1.151	0.982	-0.169	---	1.256	1.111	-0.145	---				
		-	0.460	0.484	0.025	---	0.756	0.577	-0.179	---	0.924	0.785	-0.140	---	0.762	0.646	-0.116	---	0.917	0.753	-0.165	---				
3	Interstate 405 s/o Rossmore Ave. HOV	-	1.147	1.132	-0.015	---	0.936	0.965	0.030	---	1.063	1.074	0.011	---	0.746	0.854	0.108	---	0.815	0.922	0.007	---				
		-	0.583	0.620	0.038	---	0.418	0.539	0.122	---	0.630	0.653	0.033	---	0.746	0.854	0.108	---	0.815	0.922	0.007	---				
4	Interstate 105 s/o Crenshaw Blvd. HOV	Yes	0.819	0.903	0.085	---	1.071	1.141	0.070	X	0.971	1.054	0.083	X	0.977	1.038	0.061	X	0.867	0.963	0.076	---				
		-	0.358	0.432	0.074	---	0.567	0.601	0.034	---	0.774	0.778	0.003	---	0.554	0.639	0.085	---	0.731	0.797	0.066	---				
# IMPACTS		3																								

2015 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. NO ACTION/NO PROJECT ALTERNATIVE FREEWAY LEVEL OF SERVICE COMPARISONS

2015 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS. NO ACTION/NO PROJECT ALTERNATIVE FREEWAY LEVEL OF SERVICE COMPARISONS																												
No.		Link Location		Total Impacts	AM Peak Hour								PM Peak Hour								Allport Peak Hour							
					NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
					NANP V/C	Alt C V/C	Alt C NANP	PE H Impact	NANP V/C	Alt C V/C	Alt C NANP	PE H Impact	NANP V/C	Alt C V/C	Alt C NANP	PE H Impact	NANP V/C	Alt C V/C	Alt C NANP	PE H Impact	NANP V/C	Alt C V/C	Alt C NANP	PE H Impact	NANP V/C	Alt C V/C	Alt C NANP	PE H Impact
1	Interstate 405 n/b Vanice Blvd. HOV	Yes	0.855	0.889	0.034	---	0.845	0.656	0.011	---	0.999	0.999	0.000	---	0.775	0.769	0.014	---	1.049	1.081	0.031	X	0.980	1.003	0.023	X		
		Yes	0.387	0.429	0.052	---	0.604	0.807	0.004	---	0.892	0.917	0.025	---	0.787	0.805	0.018	---	0.919	0.891	0.072	---	1.273	1.322	0.049	X		
2	Interstate 405 n/b La Tijera Blvd. HOV	-	1.033	0.932	-0.102	---	1.269	0.987	-0.293	---	1.253	0.917	-0.205	---	1.110	0.982	-0.169	---	1.256	1.110	-0.145	---	1.273	1.322	0.049	X		
		-	0.460	0.473	0.013	---	0.756	0.587	-0.170	---	0.924	0.802	-0.122	---	0.762	0.858	-0.014	---	0.917	0.763	-0.151	---	1.129	0.934	-0.196	---		
3	Interstate 405 s/b Roscomans Ave. HOV	-	1.147	1.129	-0.017	---	0.936	0.886	0.051	---	1.062	1.075	0.012	---	1.258	1.234	-0.025	---	1.224	1.235	0.011	---	1.156	1.174	0.015	---		
		-	0.583	0.625	0.042	---	0.418	0.535	0.117	---	0.630	0.661	0.031	---	0.746	0.827	0.111	---	0.815	0.816	0.001	---	0.811	0.976	0.165	---		
4	Interstate 105 s/b Crenshaw Blvd. HOV	Yes	0.619	0.903	0.085	---	1.071	1.144	0.073	X	0.971	1.053	0.081	X	0.977	1.062	0.085	X	0.587	0.662	0.075	---	0.644	0.721	0.077	---		
		-	0.358	0.436	0.078	---	0.567	0.600	0.033	---	0.774	0.793	0.006	---	0.554	0.635	0.081	---	0.701	0.802	0.101	---	0.810	0.851	0.041	---		
# IMPACTS		3																										





# **Attachment E**

## **Master Plan Transportation Impacts (Framework Background Assumptions)**

INTERSECTIONS	RAID	Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Pk Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST	3	4592	4552	4299	---	0.627	0.697	0.070	---	0.811	0.669	-0.142	---	0.911	0.639	-0.273	---
AIRPORT BLVD at ARBOR VITAE ST	3A																
AIRPORT BLVD at ARBOR VITAE ST	3B																
AIRPORT BLVD at CENTURY BLVD	4	4121	4803	3584	---	0.448	0.420	-0.028	---	0.561	0.602	0.042	---	0.711	0.540	-0.171	---
AIRPORT BLVD at LA TIJERA BLVD	5	2543	2843	3008	---	0.456	0.446	-0.010	---	0.545	0.476	-0.070	---	0.672	0.620	-0.052	---
AIRPORT BLVD at MANCHESTER AV	6	3016	3320	4164	---	0.694	0.515	-0.179	---	0.723	0.583	-0.141	---	0.920	0.759	-0.161	---
*AVIATION BLVD at ARBOR VITAE ST	7	6595	6967	7303	Yes	0.683	1.607	0.924	X	0.769	1.799	1.029	X	0.703	1.683	0.980	X
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A																
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B																
*LA CIENEGA BLVD at ARBOR VITAE ST	8	4584	5029	5541	Yes	0.739	1.441	0.703	X	0.699	0.963	0.264	X	0.787	1.215	0.428	X
AVIATION BLVD at CENTURY BLVD	9	2633	3344	4452	---	0.391	0.535		---	0.467	0.618		---	0.812	0.730	-0.082	---
*AVIATION BLVD at 111TH ST (3)	10	6676	6583	8051	Yes	0.826	1.491	0.665	X	1.025	1.046	0.021	X	1.769	1.523	-0.246	---
*AVIATION BLVD at CENTURY BLVD	11	5212	6264	5468	Yes	0.960	0.977	0.017	X	0.965	1.023	0.057	X	0.890	1.036	0.146	---
*AVIATION BLVD at EL SEGUNDO BLVD	12	4931	7214	6212	Yes	0.972	0.939	-0.033	---	1.319	1.342	0.023	X	1.235	1.117	-0.118	---
*AVIATION BLVD at IMPERIAL HWY	13	2958	3882	4962	---	0.985	0.638	-0.347	---	0.787	0.777	-0.011	---	1.394	1.229	-0.166	---
AVIATION BLVD at MANCHESTER AV	14	6994	8454	6718	Yes	1.224	1.248	0.024	X	1.472	1.494	0.022	X	1.332	1.384	0.052	---
AVIATION BLVD at ROSECRANS AV	15	4561	5633	3892	Yes	0.933	0.896	-0.038	---	1.051	1.175	0.124	X	0.897	1.023	0.126	---
CENTINELA AV at JEFFERSON BLVD	16	5217	6207	4585	Yes	1.058	1.039	-0.019	---	0.991	0.983	-0.009	---	0.811	0.789	-0.022	---
SEPULVEDA BLVD at CENTINELA AV	22	6000	7210	5315	Yes	0.736	0.886	0.150	X	0.720	0.847	0.127	X	0.634	0.692	0.058	---
*LA CIENEGA BLVD at CENTURY BLVD	26	4455	4837	7227	---	0.742	0.393	-0.349	---	0.890	0.589	-0.291	---	0.657	0.229	-0.427	---
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	2551	3717	2348	---	0.862	0.653	-0.209	---	1.034	0.903	0.131	---	0.581	0.569	-0.013	---
CULVER BLVD at JEFFERSON BLVD	28	1133	1877	1336	---	0.528	0.345	-0.183	---	0.358	0.449	0.092	---	0.509	0.440	-0.069	---
VISTA DEL MAR at CULVER BLVD	33	1817	2823	2623	---	0.360	0.294	-0.066	---	0.524	0.356	-0.168	---	0.398	0.388	-0.010	---
*DOUGLAS ST at IMPERIAL HWY	34	6223	7685	6845	---	1.031	1.032	0.002	---	1.146	1.131	-0.015	---	0.886	0.988	0.102	---
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	2888	2750	2084	Yes	0.835	0.932	0.097	X	0.922	1.035	0.114	X	1.407	1.451	0.044	X
VISTA DEL MAR at GRAND AV	36	3290	4331	5165	Yes	0.717	0.757	0.040	X	0.896	0.852	-0.044	---	0.950	0.848	-0.101	---
LA CIENEGA BLVD at FLORENCE AV	40	2608	2614	2188	---	1.163	1.030	-0.133	---	0.737	0.732	-0.005	---	0.628	0.628	0.001	---
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	6141	5784	4947	Yes	0.728	0.786	0.058	X	0.732	0.668	-0.064	---	0.753	0.735	-0.018	---
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	4780	4698	4537	Yes	0.685	0.789	0.104	X	0.732	0.668	-0.064	---	0.753	0.735	-0.018	---
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	1917	1863	3953	---	0.281	0.292	0.011	---	0.276	0.277	0.001	---	0.632	0.671	0.039	---
*I-105 FWY NB RAMPS at IMPERIAL HWY	46									0.931				0.521			
*MAIN ST at IMPERIAL HWY (1)	47																
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2591	2953	2600	---	0.640	0.580		---	0.763	0.499		---	0.611	0.691		---
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	2429	2204	2299	---	0.580	0.580		---	0.499	0.550		---	0.430	0.430		---
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3685	3195	2590	---	1.284	1.189	-0.095	---	0.847	0.560		---	0.514	0.430	-0.084	---
PERSHING DR at IMPERIAL HWY (3)	49									0.947	1.508	0.562	X	0.791	0.777	-0.015	---
*SEPULVEDA BLVD at IMPERIAL HWY	50	6438	7881	5753	Yes	0.723	1.129	0.406	X	0.540	0.770	0.230	X	0.571	0.611	0.040	---
*VISTA DEL MAR at IMPERIAL HWY	51	3191	3274	2225	Yes	0.818	1.185	0.367	X	0.472	0.511	0.039	---	0.528	0.589	0.061	---
*LA CIENEGA BLVD at IMPERIAL HWY	52	3259	3599	5162	---	0.617	0.576	-0.041	---	0.848	0.878	0.030	X	0.642	0.628	-0.013	---
LA CIENEGA BLVD at JEFFERSON BLVD	54	2933	3639	2915	Yes	0.762	0.749	-0.013	---	0.637	0.585	-0.052	---	0.400	0.404	0.004	---
I-105 NB RAMPS at JEFFERSON BLVD	55	3215	3839	2816	---	0.465	0.484	0.019	---	1.193	1.072	0.121	---	0.879	0.784	-0.095	---
I-105 S/B RAMPS at JEFFERSON BLVD	57	6477	8327	5538	Yes	0.895	0.990	0.095	X	0.255	0.498		---	0.567	0.655		---
LINCOLN BLVD at JEFFERSON BLVD	67	1395	1416	2302	---	0.174	0.385		---	0.481	0.406	-0.075	---	0.620	0.512	-0.108	---
LA CIENEGA BLVD at 111TH ST (3)	68	1707	2222	2930	---	0.357	0.337	-0.020	---	0.254	0.218	0.036	---	0.390	0.358	-0.032	---
*LA CIENEGA BLVD at I-105 FWY S/B N/O IMPERIAL	69	1293	1334	2204	---	0.266	0.244	-0.022	---	0.367	0.216		---	0.306	0.513	0.207	---
LA CIENEGA BLVD at LENOX BLVD	71	1653	1876	2957	---	0.350	0.228	-0.121	---	0.753	0.732	0.021	---	1.012	1.027	0.015	X
LA CIENEGA BLVD at MANCHESTER AV	72	3303	4099	5096	Yes	0.673	0.583	0.010	---	0.929	0.945	0.016	X	0.595	0.573	-0.023	---
I-105 NB RAMPS at LA TIJERA BLVD	78	4307	4704	2263	Yes	0.862	0.901	0.039	X	0.845	0.832	0.013	---	0.402	0.383	-0.019	---
I-105 S/B RAMPS at LA TIJERA BLVD	79	4098	4553	2973	---	0.767	0.763	-0.004	---	0.555	0.793	0.237	X	0.294	0.543	0.249	---
LINCOLN BLVD at LA TIJERA BLVD	81	4671	5504	4207	Yes	0.416	0.609	0.194	---	0.584	0.671	0.087	---	0.613	0.543	-0.070	---
LA TIJERA BLVD at MANCHESTER AV	82	2861	3726	2923	---	0.576	0.554	-0.022	---	0.694	1.351	0.657	X	0.430	0.517	0.086	---
SEPULVEDA BLVD at LA TIJERA BLVD	83	5900	6307	2828	Yes	0.765	1.423	0.657	X	1.096	1.137	0.041	X	1.274	1.390	0.116	---
LINCOLN BLVD at 83RD ST	87	5377	7871	6506	Yes	0.583	1.123	0.540	X	1.014	1.306	0.293	X	0.830	0.969	0.139	---
LINCOLN BLVD at MANCHESTER AV	88	5801	8469	5863	Yes	0.710	0.750	0.039	---	0.565			---	0.485			---
SEPULVEDA BLVD at LINCOLN BLVD (3)	93									0.541	0.538	-0.004	---	0.370	0.355	0.015	---
LINCOLN BLVD at TEALE ST	94	5201	6299	5092	---	0.503	0.593	0.090	---	0.567	1.349	0.782	X	0.260	0.313	0.053	---
PERSHING DR at MANCHESTER AV	98	1673	2585	975	Yes	0.444	0.542	0.097	---	0.946	0.901	0.036	X	0.821	0.799	-0.022	---
SEPULVEDA BLVD at MANCHESTER AV	99	5871	6077	4256	Yes	0.931	1.044	0.114	X	0.962	1.275	0.313	X	1.063	1.456	0.393	---
SEPULVEDA BLVD at MARIPOSA AV	100	5904	7145	5862	---	0.746	0.793	0.047	X	0.210	0.041	-0.169	---	0.113	0.050	-0.063	---
PERSHING DR at WESTCHESTER PKWY (2)	101	4119	4538	3289	---	0.312	0.330	-0.018	---	1.713	1.681	-0.032	---	1.804	1.825	0.023	---
SEPULVEDA BLVD at ROSECRANS AV	103	8393	9584	7938	---	1.584	1.547	-0.037	---	0.950	0.831	-0.119	---	0.927	0.870	-0.057	---
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HWY	105	4513	3664	3801	---	1.212	1.031	-0.181	---	0.639	0.683	0.044	---	0.668	0.658	-0.010	---
SEPULVEDA BLVD at 75TH/77TH ST	106	4816	4386	3982	Yes	0.711	0.847	0.136	X	0.893			---	0.515			---
*SEPULVEDA BLVD at WESTCHESTER PKWY (1)	109									0.673			---	0.365			---
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4610	4549	2115	---	0.751	0.614		---	0.514			---	0.315			---
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5381	5316	2400	---	0.614	0.815	0.095	X	0.587	0.674	0.087	---	0.758	0.991	0.233	X
*LA CIENEGA BLVD at I-105 SB RAMPS N/O CENTURY	111	3068	3352	3778	Yes	0.719	0.721	0.019	---	0.582	0.653	0.071	---	0.341	0.405	0.064	---
I-105 NB OFF RAMP at CENTURY BLVD	307	3717	4244	2461	---	0.741	0.721	0.019	---	0.596	0.625	0.030	---	0.432	0.433	0.001	---
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	2977	3392	2697	---	0.539	0.615		---	0.422	0.425	0.003	---	0.243	0.355	0.112	---
LA CIENEGA BLVD at 120TH ST	313	762	974	842	---	0.248	0.243	-0.005	---				---				---

# IMPACTS

Notes: (1) Splits into two interchanges in new design for 2005, with LOS D or better, (2) Redesign for 2005 with access grade-separated moves, with LOS D or better, (3) Intersection does not exist in 2005, (\*) Airport Access Facility, must maintain LOS E or better



2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS (W/FWFRAMEWORK)

		2005 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS (W/FRACTION)																Airport Peak Hour									
		AM Peak Hour								PM Peak Hour								NB/EB				SB/WB					
		NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB					
No.	Link Location	Significant Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C V/C	Alter C Adj. Env.	Pk Hr Impact	
1	Lincoln Boulevard	s/o Varden Boulevard**	-	0.731	0.745	0.014	--	0.812	0.785	-0.017	--	0.868	0.850	-0.018	--	0.840	0.843	0.004	--	0.687	0.694	0.007	--	0.734	0.720	-0.014	--
2	Centinela Avenue	s/o Varden Boulevard**	-	0.899	0.902	0.003	--	0.603	0.582	-0.018	--	0.778	0.757	-0.021	--	0.842	0.830	-0.012	--	0.647	0.654	0.007	--	0.781	0.772	-0.046	--
3	Sawtelle Boulevard	s/o Varden Boulevard**	-	0.492	0.506	0.014	--	0.473	0.493	0.019	--	0.437	0.414	-0.023	--	0.548	0.678	0.030	--	0.480	0.455	-0.025	--	0.575	0.616	0.041	--
4	Sepulveda Boulevard	s/o Varden Boulevard**	Yes	0.980	0.900	0.021	X	0.638	0.607	-0.031	--	0.849	0.859	0.010	--	0.853	0.837	-0.016	--	0.787	0.877	0.090	--	0.896	0.857	-0.040	--
5	Overland Avenue	s/o Varden Boulevard**	-	0.916	0.907	-0.011	--	0.893	0.874	-0.019	--	0.822	0.828	0.005	--	1.147	1.132	-0.014	--	0.627	0.635	-0.022	--	0.976	0.924	-0.053	--
6	Stacker Street	s/o La Brea Avenue	-	0.438	0.437	0.019	--	0.412	0.395	-0.018	--	0.532	0.538	-0.024	--	0.404	0.427	0.024	--	0.476	0.461	0.015	--	0.498	0.496	-0.002	--
7	Stanton Avenue	s/o La Brea Avenue	-	0.390	0.389	-0.001	--	0.686	0.589	0.003	--	0.623	0.616	-0.007	--	0.462	0.475	0.013	--	0.363	0.363	0.010	--	0.329	0.353	0.024	--
8	Centinela Avenue	s/o La Brea Avenue	-	0.348	0.353	0.005	--	0.885	0.889	-0.006	--	0.671	0.565	-0.505	--	1.153	1.147	-0.006	--	0.568	0.575	0.006	--	0.529	0.516	-0.012	--
9	1st Clamagna Boulevard	s/o Stanton Avenue	-	0.553	0.550	-0.003	--	0.500	0.520	0.000	--	0.653	0.604	0.001	--	0.556	0.575	0.019	--	0.374	0.374	0.001	--	0.400	0.395	-0.005	--
10	Manchester Boulevard	w/o La Brea Avenue	-	0.471	0.503	0.029	--	0.469	0.503	0.014	--	0.564	0.557	-0.006	--	0.576	0.603	0.026	--	0.446	0.453	0.007	--	0.511	0.519	0.008	--
11	Arbor Vista	w/o La Brea Avenue	-	0.259	0.317	0.038	--	0.298	0.282	0.014	--	0.345	0.266	0.041	--	0.452	0.517	0.065	--	0.476	0.546	0.070	--	0.326	0.377	0.041	--
12	Century Boulevard	w/o La Brea Avenue	-	0.411	0.478	0.027	--	0.486	0.472	0.005	--	0.604	0.609	0.005	--	0.409	0.459	0.049	--	0.416	0.388	-0.028	--	0.375	0.378	0.002	--
13	Imperial Highway	w/o La Brea Avenue	-	0.288	0.285	-0.004	--	0.313	0.311	-0.002	--	0.484	0.500	0.006	--	0.273	0.265	-0.007	--	0.427	0.435	0.008	--	0.486	0.577	0.091	--
14	Aviation Boulevard	n/o Rosecrans Avenue	-	0.521	0.598	-0.033	--	0.248	0.259	0.012	--	0.372	0.393	0.022	--	0.640	0.619	-0.021	--	0.353	0.374	0.021	--	0.230	0.296	-0.064	--
15	Sepulveda Boulevard	n/o Rosecrans Avenue	-	0.874	0.857	-0.017	--	0.257	0.274	0.017	--	0.442	0.465	0.023	--	0.794	0.782	-0.012	--	0.478	0.492	0.014	--	0.514	0.490	-0.024	--
16	Pacific Avenue	s/o Varden Boulevard**	-	0.228	0.253	0.026	--	0.418	0.391	-0.027	--	0.234	0.281	-0.013	--	0.408	0.417	0.009	--	0.362	0.374	0.012	--	0.478	0.440	-0.036	--
17	Washington Boulevard	s/o Lincoln Boulevard**	-	0.825	0.829	0.005	--	0.408	0.416	0.007	--	0.589	0.570	0.001	--	0.421	0.422	0.001	--	0.322	0.316	-0.005	--	0.494	0.495	0.001	--
18	Maxima Freeway	s/o Lincoln Boulevard**	-	0.249	0.244	-0.004	--	0.250	0.247	-0.002	--	0.343	0.395	-0.015	--	0.270	0.275	0.005	--	0.345	0.334	-0.011	--	0.330	0.299	-0.031	--
19	Culver Boulevard	s/o Lincoln Boulevard	-	0.441	0.431	-0.009	--	0.109	0.102	-0.008	--	0.265	0.279	0.013	--	0.398	0.473	0.075	--	0.377	0.371	-0.006	--	0.364	0.354	-0.009	--
20	Jefferson Avenue	w/o Lincoln Boulevard**	-	0.471	0.492	0.020	--	0.318	0.349	0.031	--	0.386	0.404	0.018	--	0.610	0.625	0.015	--	0.130	0.163	0.033	--	0.379	0.389	0.010	--
21	Lincoln Boulevard	w/o Jefferson Avenue**	Yes	0.705	0.824	0.129	X	0.379	0.372	-0.007	--	0.812	0.805	-0.007	--	0.626	0.677	0.051	--	0.547	0.585	0.037	--	0.593	0.584	-0.010	--
22	Culver Boulevard	w/o Jefferson Avenue**	Yes	0.706	0.590	-0.116	--	0.245	0.244	-0.002	--	0.432	0.391	-0.042	--	0.757	0.811	0.253	X	0.379	0.383	-0.015	--	0.407	0.411	0.004	--
23	Vietnam Blvd	s/o Culver Boulevard**	-	0.412	0.177	-0.235	--	0.159	0.113	-0.046	--	0.196	0.284	0.058	--	0.389	0.384	-0.005	--	0.273	0.252	-0.021	--	0.222	0.226	0.005	--
24	La Brea Avenue	s/o Stanton Avenue	-	0.643	0.654	0.011	--	0.390	0.358	-0.022	--	0.578	0.587	-0.011	--	0.608	0.634	-0.004	--	0.479	0.478	-0.001	--	0.621	0.586	-0.025	--
25	Jefferson Boulevard	n/o Rodon Road	-	0.369	0.383	-0.006	--	0.643	0.621	-0.022	--	0.474	0.459	-0.016	--	0.452	0.461	-0.001	--	0.127	0.119	-0.008	--	0.434	0.390	-0.044	--
26	Sepulveda Boulevard	s/o Stanton Avenue	-	0.857	0.842	-0.015	--	0.352	0.324	-0.047	--	0.613	0.565	-0.048	--	0.777	0.743	-0.034	--	0.436	0.422	-0.014	--	0.593	0.563	-0.010	--
27	Centinela Avenue	w/o Sepulveda Boulevard	-	0.290	0.284	0.004	--	0.647	0.617	-0.029	--	0.809	0.541	-0.068	--	0.467	0.517	0.020	--	0.371	0.397	0.028	--	0.606	0.649	0.044	X
28	El Segundo Boulevard	w/o Hawthorne Boulevard	Yes	0.193	0.198	0.005	--	0.493	0.506	0.013	--	0.718	0.743	0.025	--	0.371	0.397	0.028	--	0.436	0.481	0.045	--	0.277	0.290	0.013	--
29	Inglewood Boulevard	n/o Rosecrans Avenue	-	0.443	0.456	0.014	--	0.329	0.338	0.009	--	0.454	0.512	0.058	--	0.794	0.812	0.019	--	0.436	0.481	0.045	--	0.277	0.290	0.013	--
30	Vietnam Blvd	s/o Grand Avenue	-	0.815	0.758	-0.057	--	0.147	0.193	0.345	--	0.192	0.252	0.071	--	0.532	0.549	0.017	--	0.287	0.308	0.012	--	0.196	0.235	0.039	--
# IMPACTS		4																									

## Los Angeles International Airport Master Plan

2005 PHASE 3B - ALTERNATIVE C (WITH FINAL MITIGATION) VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS (FW/FW FRAMEWORK)

No.		Link Location	Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
				NB/LB				SB/WB				NB/LB				SB/WB				NB/LB				SB/WB			
				Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter C. V/C	Alter C. Adj. Env.	Pk Hr Impact
1	Interstate 405	n/a Venice Blvd. HOV	Yes	0.784	0.932	0.148	--	0.767	0.933	0.171	--	0.871	1.044	0.173	X	0.735	0.929	0.194	--	0.943	1.130	0.187	X	0.910	1.078	0.168	X
			-	0.794	0.735	-0.049	--	0.854	0.768	-0.085	--	0.907	0.847	-0.060	--	0.776	0.720	-0.056	--	1.004	0.882	-0.122	--	1.191	1.150	-0.042	--
2	Interstate 405	n/a La Tijera Blvd. HOV	Yes	0.943	1.063	0.120	X	1.008	1.188	0.180	X	1.064	1.238	0.174	X	1.019	1.170	0.153	X	1.137	1.275	0.169	X	0.965	1.151	0.185	--
			-	0.895	0.914	-0.082	--	0.842	0.821	-0.021	--	1.135	1.061	-0.074	--	0.965	0.847	-0.118	--	1.222	0.994	-0.128	--	1.138	1.057	-0.081	--
3	Interstate 405	s/o Rosecrans Ave. HOV	Yes	1.076	1.099	0.023	X	0.921	0.917	0.004	--	0.980	0.916	0.036	--	0.940	0.946	0.006	--	1.072	1.123	0.051	X	0.836	0.906	0.070	--
			-	1.114	1.061	-0.053	--	0.531	0.545	0.014	--	0.865	0.883	0.018	--	0.871	0.889	0.017	--	0.522	0.552	0.030	--	0.557	0.606	0.039	--
4	Interstate 105	s/o Crenshaw Blvd. HOV	-	0.729	0.782	0.033	--	0.947	0.987	0.039	--	0.865	0.883	0.018	--	0.703	0.864	0.151	--	1.033	0.991	-0.042	--	1.146	1.140	0.006	--
			-	0.663	0.629	-0.037	--	1.041	1.002	-0.039	--	1.147	1.120	-0.027	--												
# IMPACTS			4																								

2005 PHASE 3F - ALTERNATIVE C VS. 12/30/2004 PHASE 3F - ALTERNATIVE C

WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS (W/F FRAMEWORK)

Ramp	2005 PHASE 3F - ALTERNATIVE C		12/30/2004 PHASE 3F - ALTERNATIVE C	
	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
5	100	100	100	100
6	100	100	100	100
7	100	100	100	100
8	100	100	100	100
9	100	100	100	100
10	100	100	100	100
11	100	100	100	100
12	100	100	100	100
13	100	100	100	100
14	100	100	100	100
15	100	100	100	100
16	100	100	100	100
17	100	100	100	100
18	100	100	100	100
19	100	100	100	100
20	100	100	100	100
21	100	100	100	100
22	100	100	100	100
23	100	100	100	100
24	100	100	100	100
25	100	100	100	100
26	100	100	100	100
27	100	100	100	100
28	100	100	100	100
29	100	100	100	100
30	100	100	100	100
31	100	100	100	100
32	100	100	100	100
33	100	100	100	100
34	100	100	100	100
35	100	100	100	100
36	100	100	100	100
37	100	100	100	100
38	100	100	100	100
39	100	100	100	100
40	100	100	100	100
41	100	100	100	100
42	100	100	100	100
43	100	100	100	100
44	100	100	100	100
45	100	100	100	100
46	100	100	100	100
47	100	100	100	100
48	100	100	100	100
49	100	100	100	100
50	100	100	100	100
51	100	100	100	100
52	100	100	100	100
53	100	100	100	100
54	100	100	100	100
55	100	100	100	100
56	100	100	100	100
57	100	100	100	100
58	100	100	100	100
59	100	100	100	100
60	100	100	100	100
61	100	100	100	100
62	100	100	100	100
63	100	100	100	100
64	100	100	100	100
65	100	100	100	100
66	100	100	100	100
67	100	100	100	100
68	100	100	100	100
69	100	100	100	100
70	100	100	100	100
71	100	100	100	100
72	100	100	100	100
73	100	100	100	100
74	100	100	100	100
75	100	100	100	100
76	100	100	100	100
77	100	100	1	

## # IMPACTS

INTERSECTIONS	RAID	Alternative C App Vol			Significant Impact	AM PEAK				PM PEAK				AIRPORT PEAK			
		AM	PM	AP		Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Pk-Hr Impact	Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Pk-Hr Impact
*AIRPORT BLVD at ARBOR VITAE ST (3)	3					0.601				0.906				0.959			
AIRPORT BLVD at ARBOR VITAE ST	3A																
AIRPORT BLVD at ARBOR VITAE ST	3B																
AIRPORT BLVD at CENTURY BLVD	4	4835	5566	3643	--	0.491	0.408	-0.083	--	0.652	0.624	-0.028	--	0.742	0.410	-0.332	--
AIRPORT BLVD at LA TIJERA BLVD	5	2423	2913	3639	--	0.541	0.396	-0.145	--	0.592	0.530	-0.062	--	0.762	0.571	-0.091	--
AIRPORT BLVD at MANCHESTER AV	6	3439	3560	4226	--	0.775	0.775	0.000	--	0.875	0.722	-0.153	--	0.960	0.906	-0.054	--
*AVIATION BLVD at ARBOR VITAE ST (1)	7					0.735				0.951				0.874			
AVIATION BLVD at ARBOR VITAE ST (SOUTH PORTION)	7A	5105	5586	5789			0.779			0.845					0.934		
AVIATION BLVD at ARBOR VITAE ST (NORTH PORTION)	7B	3684	3975	4249			0.898			0.784					0.955		
*LA CIENEGA BLVD at ARBOR VITAE ST	8	5790	7309	6424	Yes	0.873	1.614	0.741	X	0.847	1.395	0.548	X	0.908	1.121	0.213	--
AVIATION BLVD at 11TH ST (3)	10					0.449				0.490				0.847	0.000	-0.847	--
*AVIATION BLVD at CENTURY BLVD	11	8336	9347	8742	Yes	0.941	1.363	0.422	X	1.094	1.169	0.075	X	1.846	1.894	0.048	--
*AVIATION BLVD at EL SEGUNDO BLVD	12	6083	6887	6247	Yes	1.090	1.167	0.077	X	1.084	1.117	0.033	X	1.062	1.183	0.121	--
*AVIATION BLVD at IMPERIAL HWY	13	5908	7701	6641	--	1.104	0.855	-0.249	--	1.316	1.226	-0.090	--	1.281	1.180	-0.102	--
AVIATION BLVD at MANCHESTER AV	14	3346	4491	4954	--	1.202	0.703	-0.499	--	1.014	0.856	-0.158	--	1.539	1.187	-0.352	--
AVIATION BLVD at ROSECRANS AV	15	7979	9889	8043	Yes	1.331	1.367	0.036	X	1.650	1.673	0.023	X	1.538	1.692	0.084	--
CENTINELA AV at JEFFERSON BLVD	16	6322	7104	5187	--	1.161	1.105	-0.056	--	1.356	1.298	-0.058	--	1.113	1.129	0.016	--
SEPULVEDA BLVD at CENTINELA AV	22	8072	8604	5933	Yes	1.460	1.505	0.045	X	1.266	1.305	0.039	X	1.019	1.027	0.014	--
*LA CIENEGA BLVD at CENTURY BLVD	26	6613	7634	5006	Yes	0.772	1.131	0.359	X	0.817	1.046	0.230	X	0.599	0.914	0.315	--
*SEPULVEDA BLVD at CENTURY BLVD (2)	27	4798	5333	4531	--	0.745	0.488	-0.257	--	0.852	0.628	-0.226	--	0.713	0.271	-0.441	--
CULVER BLVD at JEFFERSON BLVD	28	2299	4463	2701	--	0.871	0.527	-0.344	--	1.473	1.322	-0.151	--	0.748	0.743	-0.005	--
VISTA DEL MAR at CULVER BLVD	33	1073	1969	1463	--	0.672	0.314	-0.358	--	0.459	0.462	0.004	--	0.457	0.369	-0.088	--
*DOUGLAS ST at IMPERIAL HWY	34	1958	3635	2680	--	0.379	0.391	-0.012	--	0.665	0.527	-0.138	--	0.591	0.544	-0.047	--
*SEPULVEDA BLVD at EL SEGUNDO BLVD	35	6922	8524	7691	--	1.143	1.133	-0.010	--	1.233	1.260	0.027	--	0.976	1.091	0.115	--
VISTA DEL MAR at GRAND AV	36	2312	2501	2263	--	0.961	0.701	-0.260	--	0.523	0.521	0.002	--	0.597	0.809	0.213	--
LA CIENEGA BLVD at FLORENCE AV	40	3913	4316	5335	--	0.839	0.808	-0.031	--	1.063	1.017	-0.046	--	1.561	1.469	-0.092	--
HIGHLAND AV/VISTA DEL MAR at ROSECRANS AV	43	2558	2709	2356	--	1.232	0.978	-0.253	--	0.966	0.991	0.025	--	0.907	0.911	0.004	--
SEPULVEDA BLVD at HOWARD HUGHES PKWY	44	6569	6117	4967	Yes	0.754	0.943	0.189	X	0.966	0.932	-0.034	--	0.755	0.742	-0.013	--
*I-105 FWY/CONTINENTAL CITY DR at IMPERIAL HWY	45	4170	4939	4659	--	0.743	0.656	-0.086	--	0.748	0.732	-0.016	--	0.759	0.718	-0.041	--
*I-105 FWY NB RAMP at IMPERIAL HWY	46	1833	1977	4024	--	0.265	0.253	-0.012	--	0.303	0.291	-0.012	--	0.529	0.533	0.003	--
*MAIN ST at IMPERIAL HWY (1)	47					0.802				1.076				0.588			
MAIN ST at IMPERIAL HWY (SOUTH PORTION)	47A	2632	2879	1977			0.611				0.515				0.362		
MAIN ST at IMPERIAL HWY (NORTH PORTION)	47B	1810	1954	1476			0.452				0.559				0.343		
*I-105 FWY W/B OFF/NASH ST at IMPERIAL HWY	48	3893	3875	2639	Yes	1.270	1.223	-0.047	--	0.612	0.714	0.102	X	0.446	0.338	-0.048	--
PERSHING DR at IMPERIAL HWY (3)	49					1.243				1.100					0.300		
*SEPULVEDA BLVD at IMPERIAL HWY	50	7169	8482	6484	Yes	0.812	1.049	0.237	X	1.038	1.631	0.573	X	0.846	0.926	0.080	--
*VISTA DEL MAR at IMPERIAL HWY	51	2522	3466	2466	--	1.014	0.725	-0.289	--	0.725	0.538	-0.087	--	0.713	0.548	-0.166	--
*LA CIENEGA BLVD at IMPERIAL HWY	52	3686	3864	5591	--	0.697	0.734	0.036	--	0.545	0.585	0.040	--	0.556	0.685	0.028	--
I-105 NB RAMP at JEFFERSON BLVD	54	3472	4077	3391	--	0.825	0.835	0.009	--	0.926	0.906	-0.020	--	0.732	0.710	-0.022	--
I-105 S/B RAMP at JEFFERSON BLVD	55	3646	4147	3219	--	0.531	0.487	-0.044	--	0.710	0.691	-0.020	--	0.473	0.447	-0.026	--
LINCOLN BLVD at JEFFERSON BLVD	57	8634	10041	6524	--	1.435	1.444	0.009	--	1.187	1.176	-0.011	--	0.834	0.859	0.025	--
*LA CIENEGA BLVD at 11TH ST (3)	67					0.217				0.275				0.643			
*LA CIENEGA BLVD at I-105 RAMP S/O CENTURY BLVD	68	2132	2576	3472	--	0.379	0.387	0.007	--	0.491	0.450	-0.041	--	0.591	0.608	0.015	--
*LA CIENEGA BLVD at I-105 HWY S/B N/O IMPERIAL	69	1698	1540	2296	--	0.289	0.293	0.004	--	0.745	0.727	-0.018	--	0.374	0.355	-0.020	--
LA CIENEGA BLVD at LENNOX BLVD	71	2402	2214	3703	Yes	0.393	0.678	0.285	--	0.534	0.749	0.215	X	0.884	0.898	0.014	--
LA CIENEGA BLVD at MANCHESTER AV	72	3724	4096	5491	--	0.730	0.714	-0.017	--	0.761	0.698	-0.063	--	1.133	1.130	-0.003	--
I-105 NB RAMP at LA TIJERA BLVD	78	4010	4734	2239	Yes	0.878	0.994	0.116	X	0.865	0.846	-0.019	--	0.601	0.467	-0.134	--
I-105 S/B RAMP at LA TIJERA BLVD	79	4068	4703	3128	Yes	0.728	0.750	0.022	--	0.925	0.962	0.036	X	0.451	0.614	0.162	--
LINCOLN BLVD at LA TIJERA BLVD	81	6600	7416	5239	Yes	0.815	0.910	0.093	X	0.576	1.779	1.203	X	0.422	1.022	0.599	--
LA TIJERA BLVD at MANCHESTER AV	82	3020	3910	3154	--	0.654	0.507	-0.047	--	0.766	0.727	-0.039	--	0.688	0.605	-0.083	--
SEPULVEDA BLVD at LA TIJERA BLVD	83	5987	6522	3020	Yes	0.842	1.244	0.401	X	0.913	1.375	0.464	X	0.479	0.632	0.153	--
LINCOLN BLVD at 88TH ST	87	7413	10079	7393	Yes	1.217	1.297	0.080	X	1.480	1.583	0.103	X	1.550	1.589	0.039	--
LINCOLN BLVD at MANCHESTER AV	88	7948	10415	6809	Yes	0.845	1.048	0.203	X	1.514	1.687	0.173	X	0.945	1.200	0.255	--
SEPULVEDA BLVD at LINCOLN BLVD (3)	93					0.582				0.629				0.521			
LINCOLN BLVD at TRALE ST	94	6411	6914	5530	Yes	0.569	0.611	0.042	X	0.635	0.622	-0.013	--	0.468	0.439	-0.031	--
PERSHING DR at MANCHESTER AV	98	1370	2170	924	Yes	0.487	0.494	0.007	--	0.622	1.031	0.410	X	0.380	0.227	-0.153	--
SEPULVEDA BLVD at MANCHESTER AV	99	6484	6359	4304	Yes	1.039	1.206	0.168	X	1.076	1.036	-0.041	--	0.905	0.833	-0.073	--
SEPULVEDA BLVD at MARIPOSA AV	100	8394	7926	6304	Yes	0.815	0.905	0.090	X	1.083	1.455	0.402	X	1.186	1.594	0.408	--
PERSHING DR at WESTCHESTER PKWY (2)	101	1796	2052	1357	Yes	0.342	0.599	0.257	--	0.316	0.752	0.446	X	0.142	0.481	0.339	--
SEPULVEDA BLVD at ROSECRANS AV	103	8634	10302	8535	Yes	1.703	1.655	-0.048	--	1.700	1.742	0.041	X	1.889	1.930	0.041	--
*SEPULVEDA BLVD at I-105 OFF RAMP N/O IMPERIAL HW	105	5055	3817	4115	--	1.153	1.153	0.000	--	1.009	0.868	-0.141	--	1.006	0.541	-0.065	--
SEPULVEDA BLVD at 76TH/77TH ST	106	5169	4101	3568	Yes	0.785	0.942	0.157	X	0.670	0.637	-0.033	--	0.719	0.646	-0.073	--
*SEPULVEDA BLVD at WESTCHESTER PKWY (1)	109					0.880				0.985				0.599			
SEPULVEDA BLVD at WESTCHESTER PKWY (S. PORTION)	109A	4893	5344	2437			0.591				0.857				0.454		
SEPULVEDA BLVD at WESTCHESTER PKWY (N. PORTION)	109B	5572	5833	2968			0.891				0.805				0.569		
*LA CIENEGA BLVD at I-105 S/B RAMP N/O CENTURY	111	3644	4184	4214	Yes	0.538	0.723	0.125	X	0.587	0.657	0.071	--	0.653	0.585	-0.022	--
*I-105 NB OFF RAMP at CENTURY BLVD	307	4199	4511	2409	Yes	0.752	0.807	0.055	X	0.632	0.552	-0.080	--	0.417	0.445	0.039	--
LA CIENEGA BLVD at EL SEGUNDO BLVD	312	3075	3686	3189	--	0.537	0.644	0.006	--	0.674	0.680	0.006	--	0.455	0.505	0.050	--
LA CIENEGA BLVD at 120TH ST	313	1071	1243	1202	--	0.303	0.325	0.022	--	0.442	0.426	-0.015	--	0.439	0.530	0.091	--

\* IMPACTS  
 Notes: (1) Splits into two interchanges in new design for 2015, with LOS D or better; (2) Redesigned for 2015 with some grade separated moves, with LOS D or better; (3) Intersection does not exist in 2015; (\*) Airport Access Facility, must maintain LOS E or better

## Los Angeles International Airport Master Plan.

2015 PHASE 3F - ALTERNATIVE C (WITH FINAL MITIGATION) VS ADJUSTED ENVIRONMENTAL BASELINE LEVEL OF SERVICE COMPARISONS (W/FRAMEWORK)

No.		Link Location	Significance/Impact	AM Peak Hour								PM Peak Hour								N/E/B				S/W/B												
				N/E/B				S/W/B				N/E/B				S/W/B				N/E/B				S/W/B												
				Adj. Env. V/C	Alter C. V/C	Adj. Env. V/C	Impact	Adj. Env. V/C	Alter C. V/C	Adj. Env. V/C	Impact	Adj. Env. V/C	Alter C. V/C	Adj. Env. V/C	Impact	Adj. Env. V/C	Alter C. V/C	Adj. Env. V/C	Impact	Adj. Env. V/C	Alter C. V/C	Adj. Env. V/C	Impact	Adj. Env. V/C	Alter C. V/C	Adj. Env. V/C	Impact	Adj. Env. V/C	Alter C. V/C	Adj. Env. V/C	Impact					
1	Lincoln Boulevard	s/o Venice Boulevard**	Yes	0.787	0.793	0.027	---	0.864	0.876	0.011	---	0.979	0.971	-0.007	---	0.933	0.953	0.021	X	0.767	0.795	0.033	---	0.802	0.827	0.024	---	0.872	0.875	0.003	---					
2	Centinela Avenue	s/o Venice Boulevard**	Yes	0.961	0.985	0.024	X	0.943	0.959	0.016	---	0.836	0.848	0.012	---	0.932	0.971	0.042	X	0.757	0.794	0.037	---	0.872	0.875	0.003	---	0.872	0.875	0.003	---					
3	San Vicente Boulevard	s/o Venice Boulevard**	---	0.673	0.709	0.036	---	0.565	0.563	0.015	---	0.463	0.529	0.066	---	0.793	0.819	0.035	---	0.622	0.594	-0.026	---	0.699	0.725	0.025	---	0.699	0.725	0.025	---					
4	San Vicente Boulevard	s/o Venice Boulevard**	Yes	0.919	0.925	0.007	---	0.736	0.720	0.016	---	1.070	1.074	0.003	---	0.964	0.997	0.034	X	0.855	0.862	0.007	---	0.965	0.980	0.015	---	0.965	0.980	0.015	---					
5	Ovedand Avenue	s/o Venice Boulevard**	Yes	0.950	0.991	0.031	X	0.937	0.965	0.028	---	0.893	0.905	0.013	---	1.189	1.219	0.030	X	0.887	0.912	0.025	---	1.024	1.034	0.010	---	1.024	1.034	0.010	---					
6	Stockton Street	s/o La Brea Avenue	---	0.494	0.524	0.030	---	0.536	0.555	0.019	---	0.645	0.658	0.012	---	0.496	0.521	0.022	---	0.571	0.598	0.028	---	0.571	0.608	0.036	---	0.571	0.608	0.036	---					
7	Stanton Avenue	s/o La Brea Avenue	---	0.416	0.463	-0.013	---	0.735	0.732	-0.004	---	0.663	0.659	0.006	---	0.482	0.485	0.003	---	0.386	0.388	0.002	---	0.375	0.387	-0.007	---	0.375	0.387	-0.007	---					
8	Centinela Avenue	s/o La Brea Avenue	---	0.411	0.394	-0.027	---	1.020	1.011	-0.009	---	0.735	0.720	-0.015	---	1.192	1.181	-0.001	---	0.765	0.738	-0.028	---	0.925	0.924	-0.001	---	0.925	0.924	-0.001	---					
9	La Cienega Boulevard	s/o Stanton Avenue	---	0.561	0.580	0.020	---	0.540	0.547	0.007	---	0.854	0.864	0.010	---	0.800	0.818	0.018	---	0.465	0.471	0.006	---	0.522	0.528	0.006	---	0.522	0.528	0.006	---					
10	Manchester Boulevard	s/o La Brea Avenue	---	0.521	0.562	0.042	---	0.552	0.569	0.016	---	0.650	0.684	0.034	---	0.613	0.646	0.033	---	0.465	0.471	0.006	---	0.522	0.528	0.006	---	0.522	0.528	0.006	---					
11	Asfor Vike	s/o La Brea Avenue	---	0.426	0.435	0.023	---	0.285	0.316	0.031	---	0.424	0.471	0.049	---	0.451	0.527	0.076	---	0.628	0.669	0.041	---	0.363	0.366	0.024	---	0.363	0.366	0.024	---					
12	Century Boulevard	s/o La Brea Avenue	---	0.409	0.551	0.142	---	0.513	0.545	0.032	---	0.643	0.675	0.033	---	0.338	0.362	0.024	---	0.469	0.495	0.026	---	0.665	0.698	0.029	---	0.665	0.698	0.029	---					
13	Impatiol Highway	s/o La Brea Avenue	---	0.282	0.317	0.035	---	0.380	0.371	-0.009	---	0.582	0.591	0.011	---	0.411	0.439	0.028	---	0.309	0.329	0.020	---	0.609	0.629	0.020	---	0.609	0.629	0.020	---					
14	Aviation Boulevard	s/o Rosecrans Avenue	---	0.733	0.760	0.017	---	0.212	0.241	0.029	---	0.445	0.484	0.019	---	0.779	0.818	0.039	---	0.522	0.535	0.015	---	0.542	0.537	-0.004	---	0.542	0.537	-0.004	---					
15	Sepulveda Boulevard	s/o Rosecrans Avenue	---	0.365	0.936	-0.027	---	0.256	0.272	0.016	---	0.465	0.472	0.008	---	0.888	0.904	0.017	---	0.522	0.535	0.015	---	0.542	0.537	-0.004	---	0.542	0.537	-0.004	---					
16	Pacific Avenue	s/o Venice Boulevard**	---	0.363	0.412	0.048	---	0.560	0.580	0.020	---	0.349	0.359	0.021	---	0.540	0.564	0.024	---	0.460	0.503	0.043	---	0.460	0.485	-0.002	---	0.460	0.485	-0.002	---					
17	Washington Boulevard	s/o Lincoln Boulevard**	---	0.655	0.648	-0.008	---	0.432	0.429	0.003	---	0.800	0.809	0.010	---	0.477	0.475	-0.002	---	0.334	0.338	0.004	---	0.467	0.485	-0.002	---	0.467	0.485	-0.002	---					
18	Marina Freeway	s/o Lincoln Boulevard**	---	0.259	0.284	0.025	---	0.277	0.259	-0.018	---	0.314	0.312	-0.003	---	0.294	0.300	0.006	---	0.348	0.345	-0.002	---	0.321	0.314	-0.007	---	0.321	0.314	-0.007	---					
19	Culver Boulevard	s/o Lincoln Boulevard	---	0.661	0.598	-0.063	---	0.024	0.022	-0.001	---	0.281	0.288	-0.012	---	0.358	0.351	-0.007	---	0.285	0.283	-0.002	---	0.329	0.278	-0.051	---	0.329	0.278	-0.051	---					
20	Jefferson Avenue	s/o Lincoln Boulevard**	---	0.788	0.751	-0.035	---	0.316	0.385	0.079	---	0.475	0.459	-0.016	---	0.921	0.859	-0.062	---	0.285	0.283	-0.002	---	0.329	0.278	-0.051	---	0.329	0.278	-0.051	---					
21	Lincoln Boulevard	s/o Jefferson Avenue**	Yes	0.909	1.100	0.191	X	0.400	0.384	-0.016	---	0.904	0.907	-0.002	---	0.591	0.719	0.027	---	0.621	0.659	0.038	---	0.462	0.451	-0.011	---	0.462	0.451	-0.011	---					
22	Culver Boulevard	s/o Jefferson Avenue**	---	0.788	0.472	-0.316	---	0.289	0.287	-0.002	---	0.510	0.499	-0.012	---	0.903	0.329	-0.574	---	0.425	0.392	-0.033	---	0.271	0.267	-0.004	---	0.271	0.267	-0.004	---					
23	Vala Del Mar	s/o Culver Boulevard**	---	0.441	0.137	-0.304	---	0.180	0.131	-0.050	---	0.251	0.271	0.020	---	0.462	0.413	-0.052	---	0.338	0.265	-0.062	---	0.571	0.570	-0.001	---	0.571	0.570	-0.001	---					
24	La Brea Avenue	s/o Rodeo Road	---	0.721	0.720	-0.001	---	0.438	0.451	0.013	---	0.650	0.655	0.005	---	0.631	0.618	-0.013	---	0.184	0.159	-0.204	---	0.704	0.712	0.008	---	0.704	0.712	0.008	---					
25	Jefferson Boulevard	s/o Rodeo Road	---	0.410	0.416	0.006	---	0.860	0.875	0.015	---	0.586	0.555	-0.244	---	0.563	0.532	-0.029	---	0.582	0.526	-0.056	---	0.487	0.484	-0.004	---	0.487	0.484	-0.004	---					
26	Sepulveda Boulevard	s/o Stanton Avenue	Yes	0.946	1.028	0.078	X	0.433	0.394	-0.036	---	0.742	0.732	-0.010	---	0.845	0.844	-0.001	---	0.567	0.576	0.007	---	0.836	0.810	-0.026	---	0.836	0.810	-0.026	---					
27	Centinela Avenue	s/o Sepulveda Boulevard	Yes	0.385	0.433	0.048	---	0.896	1.333	0.037	X	0.875	0.892	0.016	---	0.391	0.403	0.012	---	0.891	0.898	0.007	---	0.887	0.807	0.780	X	0.887	0.807	0.780	X					
28	El Segundo Boulevard	s/o Hawthorne Boulevard	Yes	0.591	0.235	0.015	---	0.591	0.593	0.002	---	0.498	0.518	0.030	---	0.843	0.839	-0.004	---	0.353	0.554	0.051	---	0.915	0.938	-0.006	---	0.915	0.938	-0.006	---					
29	Ingleswood Boulevard	s/o Rosecrans Avenue	---	0.518	0.527	0.009	---	0.254	0.365	0.012	---	0.498	0.518	0.030	---	0.843	0.839	-0.004	---	0.353	0.554	0.051	---	0.915	0.938	-0.006	---	0.915	0.938	-0.006	---					
30	Vala Del Mar	s/o Grand Avenue	---	0.884	0.733	-0.154	---	0.146	0.155	0.008	---	0.203	0.208	0.005	---	0.590	0.542	-0.048	---	0.325	0.315	-0.009	---	0.221	0.245	0.024	---	0.221	0.245	0.024	---					
# IMPACTS				8																																

2015 PHASE 3F - ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS (W/FWFRAMEWORK)

2015 PHASE 3F - ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE FREEWAY LEVEL OF SERVICE COMPARISONS (W/ FREEWAY CLOSURE)																												
No.		Link Location		Total Impacts	AM Peak Hour								PM Peak Hour								Airport Peak Hour							
					NB/EB				SB/WB				NB/EB				SB/WB				NB/EB				SB/WB			
					Adj. Env. V/C	Alter. C. V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C. V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C. V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C. V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C. V/C	Adj. Env.	Pk Hr Impact	Adj. Env. V/C	Alter. C. V/C	Adj. Env.	Pk Hr Impact
1	Interstate 405 n/o Venice Blvd. HOV	Yes	0.887	0.932	0.045	—	0.820	0.845	0.025	—	0.975	0.856	0.022	—	0.784	0.805	0.022	—	1.048	1.098	0.049	X	0.965	0.999	0.034	—		
		Yes	0.449	0.529	0.090	—	0.713	0.756	0.043	—	0.836	0.901	0.065	—	0.794	0.822	0.028	—	0.831	0.900	0.069	—	1.252	1.275	0.023	X		
2	Interstate 405 n/o La Tijera Blvd. HOV	-	1.062	0.974	-0.089	—	1.139	0.955	-0.184	—	1.188	1.037	-0.151	—	1.153	0.997	-0.136	—	1.270	1.149	-0.123	—	1.086	0.921	-0.185	—		
		-	0.545	0.585	0.040	—	0.569	0.512	-0.077	—	0.831	0.788	0.044	—	0.777	0.680	-0.097	—	0.916	0.765	-0.152	—	1.094	0.850	0.234	—		
3	Interstate 405 s/o Rossmore Ave. HOV	Yes	1.141	1.156	0.015	X	0.892	0.939	0.058	—	1.039	1.078	0.024	X	1.230	1.255	0.025	X	1.211	1.247	0.036	X	1.120	1.180	0.040	—		
		Yes	0.624	0.704	0.080	—	0.303	0.461	0.158	—	0.582	0.642	0.060	—	0.725	0.875	0.150	—	0.807	0.832	0.025	—	0.752	0.920	0.169	—		
4	Interstate 105 n/o Crenshaw Blvd. HOV	Yes	0.800	0.890	0.090	—	1.045	1.167	0.122	X	0.950	1.062	0.113	X	0.949	1.057	0.108	X	0.572	0.591	0.089	—	0.629	0.728	0.097	—		
		Yes	0.333	0.429	0.096	—	0.522	0.614	0.092	—	0.708	0.794	0.087	—	0.548	0.632	0.085	—	0.680	0.785	0.106	—	0.794	0.948	0.055	—		
# IMPACTS		4																										

Los Angeles International Airport Master Plan  
2015 PHASE 3F - ALTERNATIVE C VS. ADJUSTED ENVIRONMENTAL BASELINE  
WEEKDAY PEAK HOUR IMPACTS FOR FREEWAY RAMPS (W/FRA) (W/FRA)

No. Freeway Ramps		Significant Impacts	AM Peak Hour				PM Peak Hour				Airport Peak Hour			
			Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Peak Hour Impact	Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Peak Hour Impact	Adj. Env. V/C	Alt C V/C	Alt C - Adj. Env.	Peak Hour Impact
1	405 NB off- at Sepulveda Blvd.	-	0.450	0.457	0.007	---	0.507	0.532	0.125	---	0.875	0.874	-0.001	---
2	405 SB off- at Howard Hughes Pkwy.	-	0.250	0.132	-0.117	---	0.247	0.192	-0.055	---	0.276	0.130	-0.146	---
3	405 SB on- at Howard Hughes Pkwy.	-	0.487	0.359	-0.129	---	0.693	0.810	0.117	---	0.485	0.631	0.147	---
4	405 NB off- at Howard Hughes Pkwy.	-	0.193	0.203	0.009	---	0.218	0.233	0.015	---	0.263	0.241	-0.022	---
5	405 NB on- at Howard Hughes Pkwy.	-	0.555	0.605	0.050	---	0.467	0.191	-0.275	---	0.343	0.185	-0.158	---
6	405 SB off- at La Tijera Blvd.	-	0.344	0.221	-0.123	---	0.457	0.411	-0.045	---	0.418	0.257	-0.161	---
7	405 SB on- at La Tijera Blvd.	-	0.430	0.503	0.073	---	0.565	0.635	0.070	---	0.286	0.520	0.234	---
8	405 NB off- at La Tijera Blvd.	-	0.433	0.519	0.087	---	0.530	0.607	0.077	---	0.297	0.279	-0.019	---
9	405 NB on- at La Tijera Blvd.	-	0.428	0.426	-0.002	---	0.427	0.337	-0.091	---	0.314	0.243	-0.071	---
10	405 NB on- at Manchester Blvd. East	-	0.268	0.281	0.013	---	0.363	0.341	-0.022	---	0.231	0.151	-0.081	---
11	405 NB on- at Manchester Blvd. West	-	0.319	0.304	-0.015	---	0.328	0.323	-0.005	---	0.423	0.349	-0.074	---
12	405 NB off- at Manchester Blvd.	-	0.775	0.827	0.052	---	0.464	0.514	0.050	---	0.649	0.663	0.014	---
13	405 SB on- at Manchester Blvd.	-	0.531	0.685	0.154	---	0.809	0.865	0.056	---	0.601	0.693	0.091	---
14	405 SB off- at La Cienega Blvd. (n/o Century Blvd.)	-	0.508	0.433	-0.075	---	0.421	0.351	-0.070	---	0.635	0.552	-0.083	---
15	405 SB on- at La Cienega Blvd. (n/o Century Blvd.)	-	0.149	0.270	0.121	---	0.265	0.293	0.028	---	0.269	0.325	0.056	---
16	405 SB off- at La Cienega Blvd. (s/o Century Blvd.)	-	0.225	0.141	-0.085	---	0.323	0.192	-0.131	---	0.181	0.157	-0.025	---
17	405 SB on- at La Cienega Blvd. (s/o Century Blvd.)	-	0.379	0.325	-0.055	---	0.561	0.569	0.007	---	0.355	0.313	-0.042	---
18	405 NB off- at Century Blvd.	-	0.762	0.818	0.056	---	0.479	0.511	0.032	---	0.317	0.327	0.011	---
19	405 NB on- at Century Blvd. EB	-	0.247	0.333	0.086	---	0.529	0.509	-0.021	---	0.105	0.080	-0.025	---
20	405 NB on- at Century Blvd. WB	-	0.420	0.434	0.014	---	0.257	0.289	0.033	---	0.283	0.309	0.025	---
21	405 SB off- at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.238	0.225	-0.013	---	0.129	0.107	-0.021	---	0.173	0.183	0.011	---
22	405 SB on- at La Cienega Blvd. (n/o Imperial Hwy.)	-	0.079	0.111	0.032	---	0.095	0.113	0.018	---	0.158	0.153	-0.005	---
23	405 SB off- at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.116	0.126	0.010	---	0.166	0.169	0.003	---	0.237	0.252	0.015	---
24	405 SB on- at La Cienega Blvd. (n/o El Segundo Blvd.)	-	0.053	0.053	0.000	---	0.199	0.199	0.000	---	0.000	0.005	0.005	---
25	405 SB off- El Segundo Blvd.	-	0.309	0.299	-0.010	---	0.140	0.093	-0.047	---	0.126	0.124	-0.002	---
26	405 SB on- El Segundo Blvd.	-	0.213	0.252	0.039	---	0.965	0.943	-0.021	---	0.282	0.339	0.057	---
27	405 NB off- El Segundo Blvd.	-	0.542	0.508	-0.034	---	0.426	0.398	-0.028	---	0.327	0.357	0.031	---
28	405 NB on- El Segundo Blvd. EB	-	0.157	0.168	0.011	---	0.435	0.451	0.015	---	0.215	0.225	0.010	---
29	405 NB on- El Segundo Blvd. WB	-	0.257	0.260	0.003	---	0.219	0.231	0.012	---	0.316	0.321	0.005	---
30	105 EB on- Sepulveda Blvd. SB	-	0.404	0.449	0.045	---	0.800	0.712	-0.088	---	0.529	0.371	-0.158	---
31	105 EB on- Imperial Highway (w/o Sepulveda Blvd.)	-	0.234	0.622	0.388	---	0.434	0.816	0.381	---	0.306	0.796	0.490	---
32	105 WB off Sepulveda Blvd. NB	-	0.986	0.797	-0.189	---	0.711	0.677	-0.035	---	0.807	0.772	-0.035	---
33	105 WB off Sepulveda Blvd. SB	-	0.527	0.483	-0.044	---	0.335	0.317	-0.017	---	0.551	0.319	-0.232	---
34	105 EB on- Imperial Highway (e/o Sepulveda Blvd.)	-	0.526	0.519	-0.007	---	0.627	0.582	-0.045	---	0.583	0.561	-0.021	---
35	105 WB off Nash St.	-	1.146	1.089	-0.057	---	0.213	0.210	-0.003	---	0.498	0.427	-0.071	---
36	105 EB on- Imperial Highway (e/o Hawthorne Blvd.)	-	0.549	0.563	0.015	---	0.555	0.575	0.019	---	0.574	0.556	-0.018	---
37	105 EB on- Hawthorne Blvd. SB	-	0.219	0.197	-0.022	---	0.187	0.194	0.007	---	0.147	0.123	-0.023	---
38	105 WB off Hawthorne Blvd.	-	0.613	0.626	0.013	---	0.795	0.794	-0.001	---	0.407	0.435	0.028	---
39	105 EB On Atwood Wy (Bet Nash/Douglas)	-	0.087	0.067	-0.021	---	0.476	0.462	-0.014	---	0.347	0.329	-0.017	---
# IMPACTS		0												

# **Attachment F**

## **Proposed Transportation Improvements**



## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Lrv. V/C LOS	Alt. A V/C LOS	Impact	Mit. Alt. A V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 4	Airport at Century	AM	0.442 A	0.829 D	Yes	0.742 C	Yes	Restripe SB approach to add 2nd RT lane	0.675 B	Mitigates impacts, enhances airport access
		PM	0.553 A	0.732 C	Yes	0.680 B	No		0.660 B	
		AP (1)	0.738 C	1.042 F	No	1.033 F	No		0.728 C	
Intersection 6	Airport at Manchester	AM	0.690 B	0.735 C	Yes	0.689 B	No	Add a RT lane on EB approach	0.689 B	Mitigates impacts
		PM	0.712 C	0.721 C	No	0.640 B	No		0.615 B	
		AP (1)	0.885 D	0.958 E	Yes	0.929 E	Yes		0.886 D	
Intersection 8	La Cienega at Arbor Vitae	AM	0.732 C	0.833 D	Yes	1.145 F	Yes	Add 2nd LT lane on NB approach, add a free-flow RT lane on SB approach, ATISAC	0.877 D	Temporarily unmitigated AM and AP, enhances airport access
		PM	0.696 B	0.670 B	No	0.879 D	Yes		0.664 B	
		AP (1)	0.793 C	0.688 D	Yes	0.877 D	Yes		0.653 D	
Intersection 11	Aviation at Century	AM	0.828 D	1.073 F	Yes	0.881 D	Yes	Add a separate RT lane on EB and WB approaches, plus ATCS	0.780 C	Temporarily unmitigated PM only, enhances airport access
		PM	1.006 F	0.858 D	No	1.143 F	Yes		1.085 F	
		AP (1)	1.804 F	1.123 F	No	1.145 F	No		1.020 F	
Intersection 12	Aviation at El Segundo	AM	0.951 E	0.978 E	Yes	1.018 F	Yes	ATISAC	0.948 E	Mitigates impacts, enhances airport access, requires R/W
		PM	0.959 E	1.083 F	Yes	1.009 F	Yes		0.939 E	
		AP (1)	0.903 D	1.044 F	No	1.073 F	No		1.003 E	
Intersection 13	Aviation at Imperial	AM	0.935 E	0.631 A	No	1.124 F	Yes	Restripe NB approach to convert THRT lane into a RT only lane	0.903 D	Impacts created by network/link improvements. Mitigates impacts. Enhances airport access
		PM	1.305 F	0.649 D	No	1.446 F	Yes		1.228 F	
		AP (1)	1.243 F	1.145 F	No	1.411 F	No		1.414 F	
Intersection 14	Aviation at Manchester	AM	0.980 E	0.769 C	No	0.933 E	No	No additional mitigation necessary	0.933 E	Impacts mitigated by network/link improvements
		PM	0.787 C	0.846 D	Yes	0.793 C	No		0.793 C	
		AP (1)	1.359 F	1.316 F	No	1.376 F	No		1.376 F	
Intersection 15	Aviation at Rossmore	AM	1.179 F	1.417 F	Yes	1.265 F	Yes	ATISAC	1.195 F	Temporarily unmitigated AM only
		PM	1.475 F	1.511 F	Yes	1.491 F	Yes		1.421 F	
		AP (1)	1.336 F	1.391 F	No	1.382 F	No		1.312 F	
Intersection 18	Cantinola at Jefferson	AM	1.077 F	0.929 E	No	0.913 E	No	No additional mitigation necessary	0.913 E	Impacts mitigated by network/link improvements
		PM	1.100 F	1.133 F	Yes	1.042 F	No		1.042 F	
		AP (1)	0.911 E	1.002 E	No	1.030 F	No		1.030 F	
Intersection 22	Sepulveda at Cantinola	AM	1.071 F	1.032 F	Yes	1.065 F	No	No additional mitigation necessary	1.065 F	Impacts mitigated by network/link improvements
		PM	0.960 E	0.988 E	Yes	0.955 E	No		0.959 E	
		AP (1)	0.819 D	0.788 C	No	0.807 D	No		0.807 D	
Intersection 25	La Cienega at Century	AM	0.716 C	0.806 D	Yes	1.055 F	Yes	Add 2nd LT lane on SB approach, and convert 2 SB RT lanes into a free-flow RT lane	0.718 C	Temporarily unmitigated PM only, enhances airport access
		PM	0.721 C	0.674 B	No	0.924 F	Yes		0.893 D	
		AP (1)	0.535 A	0.594 A	No	0.629 B	No		0.600 A	
Intersection 35	Sepulveda at El Segundo	AM	1.007 F	1.076 F	Yes	1.045 F	Yes	ATISAC, plus ATCS	0.945 E	Temporarily unmitigated AP only, enhances airport access
		PM	1.135 F	1.146 F	Yes	1.100 F	No		1.000 E	
		AP (1)	0.889 D	1.022 F	No	1.034 F	Yes		0.934 E	
Intersection 40	La Cienega at Florence	AM	0.690 B	0.820 D	Yes	0.797 C	Yes	No additional mitigation necessary	0.797 C	Temporarily unmitigated
		PM	0.925 E	1.015 F	Yes	1.030 F	Yes		1.030 F	
		AP (1)	1.428 F	1.484 F	Yes	1.479 F	Yes		1.479 F	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.710 C	0.840 D	Yes	0.783 C	Yes	Add 4th Trk lane on NB approach	0.651 B	Mitigates impacts
		PM	0.788 C	0.775 C	No	0.783 C	No		0.783 C	
		AP (1)	0.649 B	0.635 B	No	0.650 B	No		0.567 A	
Intersection 45	I-105/Continental City at Imperial Hwy.	AM	0.688 B	0.630 B	No	0.808 D	Yes	ATISAC	0.738 C	Impacts created by network/link improvements. Mitigates impacts. Enhances airport access
		PM	0.797 C	0.521 A	No	0.714 C	No		0.644 B	
		AP (1)	0.791 C	0.731 C	No	0.789 C	No		0.719 C	

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. A V/C LOS	Impact	Mit. Alt. A V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 50	Sepulveda at Imperial	AM	0.797 C	0.988 E	Yes	0.870 D	Yes	Add 2nd LT lane on NB approach, make EB RT lane a free-flow lane	0.654 B	Mitigates impacts, enhances airport access
		PM	1.015 F	1.482 F	Yes	1.425 F	Yes		0.921 E	
		AP (1)	0.794 C	0.796 C	No	0.742 C	No		0.633 B	
Intersection 54	I-405 NB Ramps at Jefferson	AM	0.778 C	0.737 C	No	0.759 C	No	Temporarily restripe WB RT lane as a TH/RT lane	0.719 C	Impacts created by network/link improvements. Mitigates impacts
		PM	0.842 D	0.836 D	No	0.837 D	Yes		0.827 D	
		AP (1)	0.549 B	0.628 B	No	0.648 B	No		0.611 B	
Intersection 57	Lincoln at Jefferson	AM	0.930 E	0.958 E	Yes	0.880 D	No	No additional mitigation necessary	0.683 D	Impacts mitigated by network/link improvements
		PM	1.252 F	1.097 F	No	1.090 F	No		1.080 F	
		AP (1)	0.883 D	0.801 C	No	0.789 C	No		0.789 C	
Intersection 72	La Cienega at Manchester	AM	0.547 B	0.597 B	No	0.716 C	Yes	ATSAC, temporarily restripe SB TH/RT lane as a RT only lane	0.646 B	Mitigates impacts
		PM	0.759 C	0.893 B	No	0.771 C	No		0.774 C	
		AP (1)	1.018 F	1.112 F	Yes	1.151 F	Yes		1.009 F	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.878 D	0.611 D	No	0.902 D	Yes	Add 2nd LT lane on EB approach	0.778 C	Impacts created by network/link improvements. Mitigates impacts
		PM	0.941 E	0.947 E	No	0.962 E	Yes		0.810 D	
		AP (1)	0.597 A	0.602 A	No	0.597 A	No		0.484 A	
Intersection 79	I-405 SB Ramps at La Tijera	AM	0.780 C	0.856 B	No	0.741 C	No	Temporarily add 2nd LT lane on WB approach	0.594 A	Impacts created by network/link improvements. Mitigates impacts
		PM	0.637 D	0.820 D	No	0.868 D	Yes		0.733 C	
		AP (1)	0.401 A	0.407 A	No	0.393 A	No		0.387 A	
Intersection 81	Lincoln at La Tijera	AM	0.462 A	0.585 A	No	0.751 C	Yes	Add 4th TH lane on SB approach, modify signal phasing to provide E-W permissive LT and EB RT overlap	0.582 A	Mitigates impacts
		PM	0.522 A	0.737 C	Yes	0.996 E	Yes		0.729 C	
		AP (1)	0.303 A	0.745 C	No	0.929 E	No		0.716 C	
Intersection 83	Sepulveda at La Tijera	AM	0.781 C	1.480 F	Yes	1.456 F	Yes	Add 1 TH lane on NB approach, add 2nd LT lane on NB approach, add LT phase NB approach, restripe WB approach to provide 2 LT lanes, 1 shared LT/TH lane, and 1 shared TH/RT lane, plus ATCS	0.903 D	Temporarily unmitigated AM and PM, enhances airport access
		PM	0.682 B	1.505 F	Yes	1.323 F	Yes		0.996 D	
		AP (1)	0.411 A	0.704 B	No	0.550 A	No		0.387 A	
Intersection 87	Lincoln at 83rd	AM	0.950 E	1.091 F	Yes	0.989 E	Yes	Add 2nd LT lane on SB approach, plus ATCS	0.929 F	Temporarily unmitigated PM only
		PM	1.082 F	1.174 F	Yes	1.229 F	Yes		1.133 F	
		AP (1)	1.281 F	1.349 F	No	1.376 F	No		1.216 F	
Intersection 88	Lincoln at Manchester	AM	0.697 B	0.741 C	Yes	0.851 D	Yes	Add 2nd LT lane on EB and WB approaches, add LT phase for E-W movements with WB RT overlap, add a separate RT lane on NB approach, plus ATCS	0.623 D	Temporarily unmitigated AM and PM
		PM	1.004 E	1.259 F	Yes	1.294 F	Yes		1.027 F	
		AP (1)	0.832 D	1.002 E	No	0.975 E	No		0.810 C	
Intersection 98	Perabang at Manchester	AM	0.432 A	0.534 A	No	0.369 A	No	Add 2nd LT lane on SB approach	0.359 A	Impacts created by network/link improvements. Mitigates impacts
		PM	0.560 A	0.657 B	No	0.643 D	Yes		0.620 B	
		AP (1)	0.265 A	0.194 A	No	0.238 A	No		0.221 A	
Intersection 99	Sepulveda at Manchester	AM	0.936 E	1.061 F	Yes	1.083 F	Yes	Restripe WB approach to add a separate RT lane	0.963 E	Temporarily unmitigated AM and PM, enhances airport access
		PM	0.953 E	1.088 F	Yes	1.019 F	Yes		0.966 E	
		AP (1)	0.810 D	0.806 D	No	0.817 D	No		0.817 D	
Intersection 100	Sepulveda at Mariposa	AM	0.719 C	0.838 D	Yes	0.786 C	Yes	Add 2nd LT lane on NB approach, add separate RT lane on EB approach, ATSAC	0.716 C	Mitigates impacts
		PM	0.955 E	1.203 F	Yes	1.260 F	Yes		0.891 D	
		AP (1)	1.096 F	1.419 F	No	1.404 F	No		2.963 E	
Intersection 103	Sepulveda at Rosecrans	AM	1.540 F	1.646 F	Yes	1.584 F	Yes	ATSAC	1.494 F	Mitigates impacts
		PM	1.700 F	1.595 F	No	1.713 F	Yes		1.843 F	
		AP (1)	1.803 F	1.831 F	No	1.829 F	No		1.759 F	
Intersection 106	Sepulveda at 76th/77th	AM	0.699 B	0.853 D	Yes	0.854 D	Yes	Add a separate RT lane on WB approach	0.784 C	Temporarily unmitigated AM only
		PM	0.635 B	0.682 B	No	0.659 B	No		0.609 B	
		AP (1)	0.688 B	0.674 B	No	0.668 B	No		0.662 B	
Intersection 111	La Cienega at I-405 SB Ramps n/a Century	AM	0.700 B	0.737 C	No	0.751 C	Yes	Temporarily restripe one SB TH lane as LT/TH lane	0.739 C	Temporarily unmitigated AP only, enhances airport access
		PM	0.589 A	0.517 A	No	0.622 B	No		0.622 B	
		AP (1)	0.755 C	0.859 D	Yes	0.873 D	Yes		0.849 D	

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. A V/C LOS	Impact	Mit. Alt. A V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 4	Venice s/o Venice	AM NB/EB	0.855 D	0.873 D	No	0.861 D	No	No additional improvements necessary	0.861 D	Network/link improvements mitigated PM impacts, but created AP impacts. However, resultant LOS is within LOS D
		SB/WB	0.633 B	0.617 B	No	0.632 B	No		0.632 B	
		PM NB/EB	0.836 D	0.878 D	Yes	0.862 D	No		0.862 D	
		SB/WB	0.823 D	0.814 D	No	0.824 D	No		0.824 D	
		AP NB/EB	0.798 C	0.888 D	No	0.856 D	Yes		0.866 D	
		SB/WB	0.858 D	0.862 D	No	0.860 D	No		0.858 D	
Link 5	Overland s/o Venice	AM NB/EB	0.868 D	0.871 D	No	0.874 D	No	ATCS at Overland/Venice, and ATCS at Overland/Washington Bl (0.03 improvement)	0.844 D	Intersection improvements mitigate link impacts
		SB/WB	0.898 D	0.879 D	No	0.883 D	No		0.853 D	
		PM NB/EB	0.825 D	0.822 D	No	0.849 D	No		0.819 D	
		SB/WB	1.105 F	1.127 F	Yes	1.132 F	Yes		1.102 F	
		AP NB/EB	0.824 D	0.808 D	No	0.808 D	No		0.776 C	
		SB/WB	0.968 E	0.933 E	No	0.968 E	No		0.939 E	
Link 21	Lincoln s/o Jefferson	AM NB/EB	0.855 B	0.748 C	Yes	0.769 C	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln/Cordio (0.03 improvement)	0.739 C	Intersection improvements mitigate link impacts
		SB/WB	0.381 A	0.375 A	No	0.382 A	No		0.352 A	
		PM NB/EB	0.812 D	0.842 D	Yes	0.844 D	No		0.814 D	
		SB/WB	0.610 B	0.640 B	No	0.652 B	No		0.622 B	
		AP NB/EB	0.562 A	0.592 A	No	0.596 A	No		0.566 A	
		SB/WB	0.597 A	0.560 A	No	0.587 A	No		0.587 A	

Source:

Prepared By: Barton-Aschman Associates, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 8	La Cienega at Arbor Vitae	AM	0.732 C	1.271 F	Yes	1.271 F	Yes	ATSAC, plus ATCS	1.171 F	Temporarily unmitigated, enhances airport access
		PM	0.696 B	0.867 D	Yes	0.853 D	Yes		0.753 C	
		AP (1)	0.793 C	1.129 F	Yes	1.141 F	Yes		1.041 F	
Intersection 11	Aviation at Century	AM	0.828 D	0.998 E	Yes	0.985 F	Yes	Add 2nd LT lane on WB approach, add separate RT lane on NB, plus ATCS	0.827 D	Mitigates impacts, enhances airport access
		PM	1.060 F	1.230 F	Yes	1.230 F	Yes		1.039 F	
		AP (1)	1.804 F	1.431 F	No	1.526 F	No		1.482 F	
Intersection 12	Aviation at El Segundo	AM	0.951 E	1.003 E	Yes	1.011 F	Yes	Temporarily restripe EB RT lane as a TH/RT lane	1.011 F	Temporarily unmitigated AM only, enhances airport access
		PM	0.959 E	1.005 F	Yes	1.010 F	Yes		0.967 E	
		AP (1)	0.903 D	1.062 F	No	1.086 F	No		1.086 F	
Intersection 13	Aviation at Imperial	AM	0.935 E	1.315 F	Yes	1.314 F	Yes	Restripe one WB TH lane as TH/RT lane, restripe NB TH/RT lane for RT only lane, plus ATCS	0.959 E	Temporarily unmitigated AM only, enhances airport access
		PM	1.305 F	1.510 F	Yes	1.516 F	Yes		1.248 F	
		AP (1)	1.243 F	1.457 F	No	1.487 F	No		1.181 F	
Intersection 15	Aviation at Roscorana	AM	1.179 F	1.259 F	Yes	1.248 F	Yes	ATSAC	1.178 F	Mitigates impacts
		PM	1.475 F	1.477 F	No	1.474 F	No		1.404 F	
		AP (1)	1.336 F	1.408 F	No	1.430 F	No		1.350 F	
Intersection 26	La Cienega at Century	AM	0.716 C	0.958 E	Yes	0.924 E	Yes	Restripe NB approach to provide 2nd LT lane, plus ATCS	0.812 D	Temporarily unmitigated, enhances airport access
		PM	0.721 C	0.982 E	Yes	0.935 E	Yes		0.766 C	
		AP (1)	0.535 A	0.719 C	No	0.733 C	No		0.703 B	
Intersection 35	Sepulveda at El Segundo	AM	1.007 F	1.033 F	Yes	1.034 F	Yes	Temporarily add a separate RT lane on NB approach	0.980 E	Mitigates impacts, enhances airport access
		PM	1.135 F	1.117 F	No	1.122 F	No		1.122 F	
		AP (1)	0.888 D	1.025 F	No	1.040 F	No		1.039 F	
Intersection 40	La Cienega at Florence	AM	0.690 B	0.744 C	Yes	0.732 C	Yes	Temporarily restripe NB approach to add a separate RT lane, temporarily restripe SB to provide 2 LT, 2TH and 1 TH/RT lanes	0.728 C	Mitigates impacts
		PM	0.925 E	1.007 F	Yes	0.999 E	Yes		0.908 E	
		AP (1)	1.428 F	1.468 F	Yes	1.473 F	Yes		1.387 F	
Intersection 44	Sepulveda at Howard Hughes	AM	0.710 C	0.758 C	Yes	0.765 C	Yes	Add 4th TH lane on NB approach	0.635 B	Mitigates impacts
		PM	0.788 C	0.759 C	No	0.757 C	No		0.665 B	
		AP (1)	0.648 B	0.633 B	No	0.634 B	No		0.552 A	
Intersection 45	I-105 Fwy/ Continental City at Imperial Hwy	AM	0.688 B	0.855 D	Yes	0.883 D	Yes	ATSAC, plus temporarily restripe WB 2nd LT lane as a TH lane	0.712 C	Mitigates impacts, enhances airport access
		PM	0.797 C	0.714 C	No	0.719 C	No		0.703 B	
		AP (1)	0.791 C	0.786 C	No	0.787 C	No		0.731 C	
Intersection 50	Sepulveda at Imperial	AM	0.797 C	1.184 F	Yes	1.243 F	Yes	Make EB RT lane a free-flow lane, plus ATCS	0.795 C	Mitigates impacts, enhances airport access
		PM	1.015 F	1.651 F	Yes	1.653 F	Yes		0.949 E	
		AP (1)	0.794 C	0.849 D	No	0.835 D	No		0.805 D	
Intersection 52	La Cienega at Imperial	AM	0.602 A	0.769 C	Yes	0.782 C	Yes	Restripe SB TH/RT lane as 2nd RT lane	0.684 B	Mitigates impacts, enhances airport access
		PM	0.476 A	0.614 B	No	0.609 B	No		0.505 A	
		AP (1)	0.537 A	0.577 A	No	0.569 A	No		0.585 A	
Intersection 54	I-405 N/B Ramps at Jefferson Blvd	AM	0.778 C	0.759 C	No	0.769 C	No	Temporarily restripe NB approach for 1 LT, 1 LT/TH/RT and 1 RT lanes	0.734 C	Mitigates impacts
		PM	0.842 D	0.887 D	Yes	0.879 D	Yes		0.803 C	
		AP (1)	0.649 B	0.648 B	No	0.631 B	No		0.573 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 72	La Cienega at Manchester	AM	0.647 B	0.677 B	No	0.681 B	No	Temporarily restripe SB LT/TH lane as TH only lane and modify N-S split phasing to permissive LT	0.714 C	Mitigates impacts
		PM	0.759 C	0.820 D	Yes	0.799 C	Yes		0.751 C	
		AP (1)	1.018 F	1.058 F	Yes	1.052 F	Yes		0.992 E	
Intersection 78	I-405 N/B Ramps at La Tijera Blvd	AM	0.878 D	0.916 E	Yes	0.924 E	Yes	Restripe EB approach to provide 2nd LT lane	0.790 C	Mitigates impacts
		PM	0.941 E	0.962 E	Yes	0.953 E	Yes		0.824 D	
		AP (1)	0.597 A	0.552 A	No	0.553 A	No		0.432 A	
Intersection 79	I-405 S/B Ramps at La Tijera Blvd	AM	0.760 C	0.762 C	No	0.760 C	No	Temporarily restripe WB approach to provide 2nd LT lane	0.607 B	Mitigates impacts
		PM	0.837 D	0.860 D	Yes	0.858 D	Yes		0.710 C	
		AP (1)	0.401 A	0.400 A	No	0.399 A	No		0.374 A	
Intersection 81	Lincoln at La Tijera	AM	0.462 A	0.572 A	No	0.559 A	No	No additional improvements necessary	0.559 A	Impacts mitigated by network/link improvements
		PM	0.522 A	0.713 C	Yes	0.694 B	No		0.694 B	
		AP (1)	0.303 A	0.702 B	No	0.778 C	No		0.778 C	
Intersection 82	La Tijera Blvd at Manchester Ave	AM	0.578 A	0.585 A	No	0.561 A	No	Temporarily restripe EB approach to add 2nd TH only lane	0.561 A	Mitigates impacts
		PM	0.588 A	0.721 C	Yes	0.721 C	Yes		0.691 B	
		AP (1)	0.625 B	0.597 A	No	0.627 B	No		0.606 B	
Intersection 83	Sepulveda at La Tijera	AM	0.781 C	1.366 F	Yes	1.425 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB	0.840 D	Temporarily unmitigated AM and PM
		PM	0.682 B	1.583 F	Yes	1.363 F	Yes		0.799 C	
		AP (1)	0.411 A	0.679 B	No	0.542 A	No		0.359 A	
Intersection 87	Lincoln at 83rd	AM	0.850 E	1.043 F	Yes	1.028 F	Yes	Add 2nd LT lane on SB approach, temporarily add WB RT overlap phasing, plus ATCS	0.918 F	Mitigates impacts
		PM	1.082 F	1.206 F	Yes	1.243 F	Yes		1.067 F	
		AP (1)	1.281 F	1.385 F	No	1.374 F	No		1.055 F	
Intersection 88	Lincoln at Manchester	AM	0.697 B	0.844 D	Yes	0.828 D	Yes	Add 2nd LT Lane on SB approach, make WB RT lane free flow, plus ATCS	0.716 C	Mitigates impacts
		PM	1.004 E	1.308 F	Yes	1.330 F	Yes		0.947 E	
		AP (1)	0.832 D	1.004 E	No	1.005 F	Yes		0.826 D	
Intersection 98	Pershing at Manchester	AM	0.432 A	0.502 A	No	0.546 A	No	Add 2nd LT Lane on SB approach	0.555 A	Impacts created by network/link improvements. Mitigates impacts
		PM	0.560 A	0.587 A	No	0.771 C	Yes		0.526 A	
		AP (1)	0.265 A	0.150 A	No	0.157 A	No		0.157 A	
Intersection 99	Sepulveda at Manchester	AM	0.936 E	1.039 F	Yes	1.044 F	Yes	Add 3rd TH lane on WB approach	0.897 D	Mitigates impacts
		PM	0.953 E	0.951 E	No	0.929 E	No		0.922 E	
		AP (1)	0.810 D	0.822 D	No	0.815 D	No		0.815 D	
Intersection 100	Sepulveda at Mariposa	AM	0.719 C	0.816 D	Yes	0.818 D	Yes	Restripe NB approach to provide 2nd LT lane, add separate RT lane on EB approach, ATSAC	0.749 C	Mitigates impacts
		PM	0.955 E	1.329 F	Yes	1.319 F	Yes		0.923 E	
		AP (1)	1.096 F	1.451 F	No	1.430 F	No		0.961 E	
Intersection 106	Sepulveda at 76th/77th	AM	0.699 B	0.794 C	Yes	0.817 D	Yes	Add separate RT lane on WB approach, plus ATCS	0.718 C	Mitigates impacts
		PM	0.635 B	0.661 B	No	0.649 B	No		0.569 A	
		AP (1)	0.668 B	0.653 B	No	0.663 B	No		0.607 B	
Intersection 111	La Cienega at I-405 SB Ramps n/o Century	AM	0.700 B	0.834 D	Yes	0.827 D	Yes	Temporarily restripe to add 2nd TH only lane on NB approach	0.884 B	Temporarily unmitigated AP only, enhances airport access
		PM	0.589 A	0.681 B	No	0.664 B	No		0.649 B	
		AP (1)	0.755 C	0.945 E	Yes	0.985 E	Yes		0.861 D	

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 4	Sepulveda s/o Venice	AM NB/EB	0.855 D	0.855 D	No	0.859 D	No	No additional improvements necessary	0.859 D	Resultant LOS is within LOS D
		SB/WB	0.633 B	0.613 B	No	0.624 B	No		0.624 B	
		PM NB/EB	0.836 D	0.857 D	No	0.848 D	No		0.848 D	
		SB/WB	0.823 D	0.821 D	No	0.815 D	No		0.815 D	
		AP NB/EB	0.796 C	0.872 D	Yes	0.862 D	Yes		0.862 D	
		SB/WB	0.898 D	0.857 D	No	0.851 D	No		0.851 D	
Link 21	Lincoln s/o Jefferson	AM NB/EB	0.665 B	0.780 C	Yes	0.776 C	Yes	No additional improvements necessary	0.776 C	Resultant LOS is within LOS D
		SB/WB	0.381 A	0.372 A	No	0.373 A	No		0.373 A	
		PM NB/EB	0.812 D	0.840 D	No	0.847 D	No		0.847 D	
		SB/WB	0.610 B	0.646 B	No	0.647 B	No		0.647 B	
		AP NB/EB	0.552 A	0.592 A	No	0.599 A	No		0.599 A	
		SB/WB	0.587 A	0.593 A	No	0.585 A	No		0.585 A	
Link 28	El Segundo Blvd at Hawthorne	AM NB/EB	0.197 A	0.204 A	No	0.203 A	No	No additional improvements necessary	0.203 A	Impacts created by network/link improvements. However, resultant LOS is within LOS D
		SB/WB	0.458 A	0.492 A	No	0.490 A	No		0.490 A	
		PM NB/EB	0.716 C	0.753 C	No	0.746 C	No		0.746 C	
		SB/WB	0.378 A	0.387 A	No	0.389 A	No		0.389 A	
		AP NB/EB	0.662 B	0.693 B	No	0.685 B	No		0.685 B	
		SB/WB	0.809 D	0.845 D	No	0.849 D	Yes		0.849 D	

Source:

Prepared By: Parsons Transportation Group, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 3	Airport at Arbor Vitae	AM	0.629 B	0.761 C	Yes	0.693 B	No	No additional improvements necessary	0.693 B	Impacts mitigated by network/link improvements, enhances airport access
		PM	0.815 D	0.675 B	No	0.662 B	No		0.662 B	
		AP(1)	0.929 F	0.645 B	No	0.645 B	No		0.645 B	
Intersection 6	Airport at Manchester	AM	0.690 B	0.811 D	Yes	0.521 A	No	No additional improvements necessary	0.521 A	Impacts mitigated by network/link improvements
		PM	0.712 C	0.568 A	No	0.588 A	No		0.588 A	
		AP(1)	0.885 D	0.771 C	No	0.759 C	No		0.759 C	
Intersection 7	Aviation at Arbor Vitae	AM	0.715 C	1.969 F	Yes	1.541 F	Yes	Add 2nd LT and a LT/TH lane on NB approach, add a free-flow RT lane on EB approach, add 2nd LT lane on WB approach, add a separate RT lane on SB approach, split phase N-S, plus ATCS	0.881 D	Temporarily unmitigated, enhances airport access
		PM	0.770 C	1.719 F	Yes	1.779 F	Yes		0.889 D	
		AP(1)	0.717 C	1.702 F	No	1.694 F	Yes		1.016 F	
Intersection 8	La Cienega at Arbor Vitae	AM	0.732 C	1.129 F	Yes	1.451 F	Yes	Add a separate RT lane WB and SB approaches, add 2nd LT lane on EB and NB approaches, add 1 LT/TH lane on NB approach, split phase N-S movements, ATCSAC.	0.924 E	Temporarily unmitigated AM only, enhances airport access
		PM	0.695 B	0.952 F	Yes	0.958 E	Yes		0.713 C	
		AP(1)	0.793 C	1.217 F	Yes	1.215 F	Yes		0.774 C	
Intersection 11	Aviation at Century	AM	0.928 D	1.431 F	Yes	1.497 F	Yes	Add 2nd LT lane and a free flow RT lane on EB approach, add 2nd RT lane on SB approach, plus ATCS	1.019 F	Mitigates impacts, enhances airport access, requires P/W
		PM	1.006 F	1.012 F	No	1.043 F	Yes		0.957 E	
		AP(1)	1.604 F	1.553 F	No	1.525 F	No		1.201 F	
Intersection 12	Aviation at El Segundo	AM	0.951 E	1.062 F	Yes	0.980 E	Yes	ATSAC	0.910 E	Mitigates impacts, enhances airport access
		PM	0.959 E	1.021 F	Yes	1.029 F	Yes		0.959 E	
		AP(1)	0.903 E	1.033 F	No	1.039 F	No		0.969 E	
Intersection 13	Aviation at Imperial	AM	0.935 E	1.457 F	Yes	0.904 E	No	Temporarily restripe NB TH/RT lane as RT only lane	0.702 C	Mitigates impacts, enhances airport access
		PM	1.305 F	1.353 F	Yes	1.352 F	Yes		1.158 F	
		AP(1)	1.243 F	1.109 F	No	1.123 F	No		1.141 F	
Intersection 14	Aviation at Manchester	AM	0.990 E	1.093 F	Yes	0.521 A	No	No additional improvements necessary	0.521 A	Impacts mitigated by network/link improvements
		PM	0.787 C	0.721 C	No	0.588 A	No		0.588 A	
		AP(1)	1.369 F	1.214 F	No	0.759 C	No		0.759 C	
Intersection 15	Aviation at Rosecrans	AM	1.179 F	1.408 F	Yes	1.219 F	Yes	ATSAC	1.149 F	Mitigates impacts, requires P/W
		PM	1.475 F	1.474 F	No	1.489 F	Yes		1.419 F	
		AP(1)	1.356 F	1.385 F	No	1.385 F	No		1.315 F	
Intersection 18	Continental at Jefferson	AM	1.077 F	1.025 F	No	0.888 D	No	Temporarily add SB RT overlap phasing	0.799 C	Impacts created by network/link improvements. Mitigates impacts
		PM	1.100 F	1.037 F	No	1.162 F	Yes		1.084 F	
		AP(1)	0.911 E	1.005 F	No	1.014 F	No		1.014 F	
Intersection 26	La Cienega at Century	AM	0.716 C	0.718 C	No	0.868 D	Yes	Widen WB approach to provide 1 LT, 3 TH, 1 TH/RT, and 1 RT lanes	0.793 C	Temporarily unmitigated AM and PM, enhances airport access
		PM	0.721 C	0.827 D	Yes	0.843 D	Yes		0.843 D	
		AP(1)	0.535 A	0.694 B	No	0.686 B	No		0.665 B	
Intersection 35	Sepulveda at El Segundo	AM	1.007 F	1.025 F	Yes	1.016 F	No	No additional improvements necessary	1.016 F	Impacts mitigated by network/link improvements, enhances airport access
		PM	1.135 F	1.108 F	No	1.133 F	No		1.133 F	
		AP(1)	0.869 D	0.983 E	No	0.992 E	No		0.992 E	
Intersection 36	Vista Del Mar at Grand	AM	0.813 D	0.591 A	No	0.905 E	Yes	Temporarily restripe WB LT/TH lane as TH/RT lane	0.825 D	Impacts created by network/link improvements. Mitigates impacts
		PM	0.459 A	0.607 B	No	0.665 B	No		0.549 A	
		AP(1)	0.469 A	0.707 C	No	0.707 C	No		0.635 B	
Intersection 40	La Cienega at Florence	AM	0.690 B	1.468 F	Yes	0.740 C	Yes	Temporarily modify E-W LT phasing to permissive only phasing, and temporarily restripe WB approach to add a separate RT lane	0.724 C	Temporarily unmitigated PM only
		PM	0.925 E	1.024 F	Yes	1.048 F	Yes		0.975 E	
		AP(1)	1.428 F	1.450 F	No	1.468 F	Yes		1.384 F	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 44	Sepulveda at Howard Hughes Pkwy	AM	0.710 C	0.748 C	No	0.769 C	Yes	Add 4th TH lane on NB approach	0.636 B	Impacts created by network/link improvements. Mitigates impacts
		PM	0.788 C	0.747 C	No	0.757 C	No		0.865 B	
		AP(1)	0.649 B	0.635 B	No	0.635 B	No		0.552 A	
Intersection 45	I-105 Fwy/Continental City Drive at Imperial	AM	0.688 B	0.783 C	Yes	0.766 C	Yes	Temporarily restripe 2nd LT lane on WB approach as a TH lane	0.712 C	Mitigates impacts
		PM	0.797 C	0.667 B	No	0.679 B	No		0.723 C	
		AP(1)	0.791 C	0.729 C	No	0.728 C	No		0.738 C	
Intersection 50	Sepulveda at Imperial	AM	0.797 C	0.849 D	Yes	1.155 F	Yes	Make EB RT lane a free-flow lane	0.718 C	Mitigates impacts, enhances airport access
		PM	1.015 F	1.645 F	Yes	1.511 F	Yes		0.991 F	
		AP(1)	0.794 C	0.803 D	No	0.78C C	No		0.779 C	
Intersection 51	Vista Del Mar at Imperial	AM	0.774 C	0.367 A	No	1.108 F	Yes	Temporarily retain NB HT lane as a free-flow lane	0.533 A	Mitigates impacts, enhances airport access
		PM	0.538 A	0.744 C	Yes	0.751 C	Yes		0.621 B	
		AP(1)	0.576 A	0.546 A	No	0.511 A	No		0.418 A	
Intersection 54	I-405 NB Ramps at Jefferson	AM	0.778 C	0.648 B	No	0.764 C	No	Temporarily restripe 1 EB TH lane as a LT/TH lane	0.640 B	Impacts created by network/link improvements. Mitigates impacts
		PM	0.842 D	0.848 D	No	0.887 D	Yes		0.756 C	
		AP(1)	0.649 B	0.630 B	No	0.622 B	No		0.571 A	
Intersection 57	Lincoln at Jefferson	AM	0.930 F	0.813 D	No	0.954 E	Yes	Restripe 1 NB TH lane as a TH/RT lane	0.859 D	Impacts created by network/link improvements. Mitigates impacts
		PM	1.252 F	1.037 F	No	1.020 F	No		1.123 F	
		AP(1)	0.883 D	0.787 C	No	0.795 C	No		0.795 C	
Intersection 72	La Cienega at Manchester	AM	0.647 B	1.057 F	Yes	0.673 B	No	No additional improvements necessary	0.673 B	Impacts mitigated by network/link improvements
		PM	0.759 C	0.726 C	No	0.731 C	No		0.731 C	
		AP(1)	1.018 F	1.030 F	No	1.015 F	Yes		1.015 F	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.878 D	0.552 A	No	0.905 E	Yes	Restripe EB approach to add 2nd LT lane	0.774 C	Impacts created by network/link improvements. Mitigates impacts
		PM	0.941 E	0.948 E	No	0.947 E	No		0.815 D	
		AP(1)	0.597 A	0.561 A	No	0.556 A	No		0.432 A	
Intersection 81	Lincoln at La Tijera	AM	0.462 A	0.702 C	Yes	0.614 B	No	Add 4th TH lane on SB approach	0.570 A	Mitigates impacts
		PM	0.522 A	0.523 A	No	0.771 C	Yes		0.522 B	
		AP(1)	0.303 A	0.591 B	No	0.836 D	No		0.737 C	
Intersection 83	Sepulveda at La Tijera	AM	0.781 C	0.679 B	No	1.409 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB	0.851 D	Mitigates impacts
		PM	0.682 B	1.446 F	Yes	1.347 F	Yes		0.795 C	
		AP(1)	0.411 A	0.637 B	No	0.545 A	No		0.371 A	
Intersection 87	Lincoln at 83rd	AM	0.950 E	1.385 F	Yes	1.068 F	Yes	Add 2nd LT lane on EB approach	0.887 D	Mitigates impacts
		PM	1.082 F	1.148 F	Yes	1.118 F	Yes		1.054 F	
		AP(1)	1.281 F	1.350 F	No	1.370 F	No		1.235 F	
Intersection 88	Lincoln at Manchester	AM	0.697 B	1.004 E	Yes	0.714 C	No	Add 2nd LT lane and temporarily a separate RT lane on SB approach, temporarily add 2nd LT lane on EB approach, plus ATCS	0.637 B	Temporarily unmitigated PM only, enhances airport access
		PM	1.004 E	1.199 F	Yes	1.286 F	Yes		1.076 F	
		AP(1)	0.832 D	0.983 E	No	0.955 E	No		0.825 D	
Intersection 98	Pershing at Manchester	AM	0.432 A	0.150 A	No	0.538 A	No	Add 2nd LT lane on SB approach, add a RT lane on NB approach, plus ATCS	0.459 A	Impacts created by network/link improvements. Mitigates impacts
		PM	0.560 A	0.499 A	No	1.366 F	Yes		.711 F	
		AP(1)	0.265 A	0.153 A	No	0.322 A	No		0.187 A	
Intersection 99	Sepulveda at Manchester	AM	0.936 E	0.822 D	No	1.024 F	Yes	Restripe WB approach to provide a separate RT lane	0.895 D	Impacts created by network/link improvements. Mitigates impacts
		PM	0.953 E	0.926 E	No	0.982 E	Yes		0.927 E	
		AP(1)	0.810 D	0.807 D	No	0.819 D	No		0.818 D	



## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 100	Sepulveda at Mariposa	AM	0.719 C	1.451 F	Yes	0.791 C	Yes	Restripe NB to provide 2nd LT lane, add separate RT lane on EB approach, ATSAC	0.661 B	Mitigates impacts
		PM	0.955 E	1.289 F	Yes	1.297 F	Yes		0.907 E	
		AP(1)	1.096 F	1.454 F	No	1.466 F	No		1.007 D	
Intersection 103	Sepulveda at Rosecrans	AM	1.540 F	1.836 F	Yes	1.543 F	No	No additional improvements necessary	1.543 F	Impacts mitigated by network/link improvements
		PM	1.700 F	1.670 F	No	1.678 F	No		1.678 F	
		AP(1)	1.803 F	1.833 F	No	1.839 F	No		1.839 F	
Intersection 106	Sepulveda at 76th/77th	AM	0.699 B	0.653 B	No	0.823 D	Yes	Add separate RT lane on WB approach, plus ATOS	0.730 C	Impacts created by network/link improvements. Mitigates impacts
		PM	0.635 B	0.654 B	No	0.661 B	No		0.598 A	
		AP(1)	0.658 B	0.660 B	No	0.661 B	No		0.606 B	
Intersection 111	La Cienega at I-405 SB ramp n/a Century	AM	0.700 B	0.945 E	Yes	0.807 D	Yes	Temporarily add a separate RT lane on WB approach	0.677 B	Temporarily unmitigated AP only, enhances airport access
		PM	0.569 A	0.873 B	No	0.689 B	No		0.689 B	
		AP(1)	0.755 C	0.990 E	Yes	0.973 E	Yes		0.918 E	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 4	Sepulveda s/o Venice Bl	AM NB/EB	0.855 D	0.883 D	No	0.881 D	No	No additional improvements necessary	0.881 D	Impacts mitigated by network/link improvements
		SB/WB	0.633 B	0.823 B	No	0.619 B	No		0.619 B	
		PM NB/EB	0.836 D	0.858 D	No	0.844 D	No		0.844 D	
		SB/WB	0.823 D	0.822 D	No	0.832 D	No		0.832 D	
		AP NB/EB	0.785 C	0.869 D	Yes	0.859 D	No		0.859 D	
		SB/WB	0.898 D	0.861 D	No	0.859 D	No		0.859 D	
Link 5	Overland s/o Venice Blvd.	AM NB/EB	0.868 D	0.882 D	No	0.897 D	No	No additional improvements necessary	0.954 E	Impacts created by network/link improvements. However, increase in V/C ratio is less than 0.05 within LOS F
		SB/WB	0.898 D	0.871 D	No	0.883 D	No		0.932 E	
		PM NB/EB	0.925 D	0.814 D	No	0.811 D	No		0.871 D	
		SB/WB	1.105 F	1.116 F	No	1.151 F	Yes		1.194 F	
		AP NB/EB	0.824 D	0.822 D	No	0.802 D	No		0.860 D	
		SB/WB	0.968 F	0.942 E	No	0.953 E	No		1.009 F	
Link 21	Lincoln s/o Jefferson	AM NB/EB	0.665 B	0.780 C	Yes	0.782 C	Yes	No additional improvements necessary	0.782 C	Resultant LOS is within LOS D
		SB/WB	0.381 A	0.373 A	No	0.381 A	No		0.381 A	
		PM NB/EB	0.812 D	0.817 D	No	0.803 D	No		0.803 D	
		SB/WB	0.610 B	0.634 B	No	0.670 B	No		0.670 B	
		AP NB/EB	0.552 A	0.581 A	No	0.579 A	No		0.579 A	
		SB/WB	0.597 A	0.578 A	No	0.588 A	No		0.588 A	

Source:

Prepared By: Parsons Transportation Group, Inc.

Notes:

- (1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. NAMP V/C LOS	Impact	Mit. NAMP V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 3	Airport at Arbor Vitae	AM	0.628 B	0.783 C	Yes	0.817 D	Yes	Add separate RT lane on EB and NB approaches, add 2nd LT lane on WB approach	0.546 A	Mitigates impacts, enhances airport access
		PM	0.915 D	1.007 F	Yes	1.029 F	Yes		0.753 C	
		AP (1)	0.929 E	1.257 F	Yes	1.273 T	Yes		0.912 E	
Intersection 6	Airport at Manchester	AM	0.590 B	0.847 D	Yes	0.935 D	Yes	Restripe to add 1 TH lane each on WB and EB approaches	0.578 B	Mitigates impacts
		PM	0.712 C	0.765 C	Yes	0.778 C	Yes		0.635 B	
		AP (1)	0.895 D	0.893 D	No	0.877 D	No		0.725 C	
Intersection 7	Aviation at Arbor Vitae	AM	0.715 C	0.921 F	Yes	0.820 D	Yes	Add 2nd LT lane on NB approach, add 2nd LT lane on WB approach, plus ATCS	0.829 B	Mitigates impacts, enhances airport access
		PM	0.770 C	0.976 E	Yes	0.968 E	Yes		0.731 C	
		AP (1)	0.717 C	0.886 D	No	0.889 D	No		0.806 D	
Intersection 8	La Cienega at Arbor Vitae	AM	0.732 C	0.987 E	Yes	0.957 E	Yes	Add 2nd LT lane on NB and EB approaches, ATCS plus ATCS	0.719 C	Mitigates impacts, enhances airport access
		PM	0.696 B	0.793 C	Yes	0.779 C	Yes		0.647 B	
		AP (1)	0.793 C	0.825 D	No	0.830 D	Yes		0.805 D	
Intersection 10	Aviation at 111th	AM	0.391 A	0.503 A	No	0.496 A	No	Temporarily restripe EB approach to add a separate LT lane, and retain existing 1 LT, 1 TH and 1 THRT lanes on WB approach	0.456 A	Mitigates impacts
		PM	0.457 A	0.635 B	No	0.528 A	No		0.528 A	
		AP (1)	0.806 D	0.857 D	Yes	0.835 D	Yes		0.829 D	
Intersection 11	Aviation at Century	AM	0.828 D	0.939 E	Yes	0.937 F	Yes	Add separate RT lane on SB and WB approaches, plus ATCS	0.827 D	Mitigates impacts, enhances airport access
		PM	1.006 F	1.029 F	Yes	1.071 F	Yes		0.989 F	
		AP (1)	1.804 F	1.853 F	No	1.932 F	No		1.820 F	
Intersection 12	Aviation at El Segundo	AM	0.651 E	1.036 F	Yes	1.056 F	Yes	Add a separate RT lane on WB approach, ATCSAC	0.898 D	Mitigates impacts, enhances airport access
		PM	0.959 E	1.012 F	Yes	1.028 F	Yes		0.858 E	
		AP (1)	0.933 D	1.015 F	No	1.030 F	No		0.833 D	
Intersection 13	Aviation at Imperial Hwy	AM	0.935 E	0.950 E	Yes	0.847 D	No	No additional improvements necessary	0.847 D	Impacts mitigated by network/link improvements, enhances airport access
		PM	1.305 F	1.185 F	No	1.157 F	No		1.157 F	
		AP (1)	1.243 F	1.254 F	No	1.157 F	No		1.157 F	
Intersection 14	Aviation at Manchester	AM	0.980 E	1.088 F	Yes	1.132 F	Yes	Add 2nd LT lane on NB approach, ATCSAC	0.979 E	Mitigates impacts
		PM	0.787 C	0.853 C	Yes	0.855 D	Yes		0.726 C	
		AP (1)	1.399 F	1.396 F	No	1.400 F	No		1.158 F	
Intersection 15	Aviation at Rosecrans	AM	1.179 F	1.291 F	Yes	1.257 F	Yes	ATCSAC	1.187 F	Mitigates impacts
		PM	1.475 F	1.505 F	Yes	1.509 F	Yes		1.438 F	
		AP (1)	1.338 F	1.369 F	No	1.367 F	No		1.297 F	
Intersection 18	Cantimela at Jefferson	AM	1.077 F	1.110 F	Yes	1.115 F	Yes	ATCS	1.085 F	Mitigates impacts
		PM	1.100 F	1.077 F	No	1.055 F	No		1.025 F	
		AP (1)	0.911 E	0.958 E	No	0.955 E	No		0.925 E	
Intersection 22	Sepulveda at Cantimela	AM	1.071 F	1.133 F	Yes	1.135 F	Yes	ATCSAC	1.065 F	Mitigates impacts
		PM	0.969 E	1.001 E	Yes	1.027 F	Yes		0.937 E	
		AP (1)	0.819 D	0.833 D	No	0.843 D	No		0.773 C	
Intersection 25	La Cienega at Century	AM	0.716 C	0.806 D	Yes	0.803 C	Yes	Add a separate RT lane on WB approach, plus ATCS	0.749 C	Mitigates impacts, enhances airport access
		PM	0.721 C	0.765 C	No	0.774 C	Yes		0.723 C	
		AP (1)	0.535 A	0.563 A	No	0.572 A	No		0.511 A	
Intersection 27	Sepulveda at Century Blvd.	AM	0.731 C	0.799 C	Yes	0.793 C	Yes	ATCS	0.763 C	Mitigates impacts, enhances airport access
		PM	0.885 D	0.894 D	No	0.899 D	No		0.868 D	
		AP (1)	0.661 D	0.746 C	No	0.751 C	No		0.721 C	
Intersection 34	Douglas at Imperial	AM	0.433 A	0.476 A	No	0.321 A	No	No additional improvements necessary	0.321 A	Impacts mitigated by network/link improvements, enhances airport access
		PM	0.610 B	0.721 C	Yes	0.552 A	No		0.552 A	
		AP (1)	0.515 A	0.639 B	No	0.505 A	No		0.539 B	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. NAMP V/C LOS	Impact	Mit. NAMP V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 35	Sepulveda at El Segundo	AM	1.307 F	1.106 F	Yes	1.119 F	Yes	Add a separate RT lane on NB approach, ATSAC	0.978 F	Mitigates impacts, enhances airport access
		PM	1.135 F	1.179 F	Yes	1.196 F	Yes		1.126 F	
		AP (1)	0.888 D	0.942 L	No	0.944 L	No		0.939 D	
Intersection 36	Vista Del Mar at Grand	AM	0.813 D	0.911 E	Yes	0.892 D	Yes	ATSAC	0.822 D	Mitigates impacts
		PM	0.459 A	0.478 A	No	0.477 A	No		0.407 A	
		AP (1)	0.469 A	0.489 A	No	0.493 A	No		0.420 A	
Intersection 40	La Cienega at Florence	AM	0.593 B	0.767 C	Yes	0.755 C	Yes	ATSAC	0.685 B	Mitigates impacts
		PM	0.925 E	0.989 E	Yes	1.034 E	Yes		0.934 E	
		AP (1)	1.428 F	1.455 F	Yes	1.454 F	Yes		1.384 F	
Intersection 43	Highland/Vista Del Mar at Rossmore	AM	1.145 F	1.203 F	Yes	1.202 F	Yes	ATSAC	1.132 F	Mitigates impacts
		PM	0.887 D	0.914 E	Yes	0.911 E	Yes		0.841 D	
		AP (1)	0.962 D	0.980 D	No	0.879 D	No		0.839 D	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.710 C	0.728 C	No	0.722 C	No	Add 4th TH lane on NB approach	0.598 A	Mitigates impacts
		PM	0.788 C	0.832 D	Yes	0.845 D	Yes		0.738 C	
		AP (1)	0.649 B	0.658 B	No	0.662 B	No		0.578 A	
Intersection 45	I-105/Continental City at Imperial	AM	0.688 B	0.639 B	No	0.642 B	No	ATSAC; temporarily restripe EB TH/RT lane as TH only lane	0.557 A	Mitigates impacts
		PM	0.797 C	0.918 E	Yes	0.902 D	Yes		0.839 D	
		AP (1)	0.791 C	0.955 D	No	0.937 D	No		0.718 C	
Intersection 49	Pershing at Imperial	AM	1.362 F	1.307 F	Yes	1.244 F	Yes	Restripe WB approach to make RT lane a free-flow lane	0.657 B	Mitigates impacts
		PM	0.907 E	0.922 E	Yes	0.925 E	Yes		0.695 B	
		AP (1)	2.616 B	0.721 C	No	0.705 C	No		0.412 A	
Intersection 51	Vista Del Mar at Imperial	AM	0.774 C	0.835 D	Yes	0.809 D	Yes	ATCS	0.778 C	Mitigates impacts, enhances airport access
		PM	0.638 A	0.557 A	No	0.541 A	No		0.511 A	
		AP (1)	0.578 A	0.572 A	No	0.567 A	No		0.537 A	
Intersection 52	La Cienega at Imperial	AM	0.602 A	0.894 D	Yes	0.808 D	Yes	Add 4th WB TH lane	0.727 C	Mitigates impacts, enhances airport access
		PM	0.476 A	0.520 A	No	0.518 A	No		0.511 A	
		AP (1)	0.537 A	0.580 A	No	0.574 A	No		0.574 A	
Intersection 54	I-405 N/B Ramps at Jefferson	AM	0.778 C	0.789 C	No	0.763 C	No	Add 2nd LT lane on EB approach	0.658 B	Mitigates impacts
		PM	0.842 D	0.863 D	Yes	0.873 D	Yes		0.756 C	
		AP (1)	0.649 B	0.658 B	No	0.668 B	No		0.631 A	
Intersection 72	La Cienega at Manchester	AM	0.547 B	0.698 B	No	0.675 B	No	ATSAC	0.625 B	Mitigates impacts
		PM	0.769 C	0.819 D	Yes	0.818 D	Yes		0.748 C	
		AP (1)	1.018 F	1.090 F	Yes	1.075 F	Yes		1.005 F	
Intersection 79	I-405 SB Ramps at La Tijera	AM	0.780 C	0.776 C	No	0.783 C	No	Restripe WB approach to provide 2nd LT lane	0.631 B	Mitigates impacts
		PM	0.837 D	0.859 D	Yes	0.870 D	Yes		0.739 C	
		AP (1)	0.451 A	0.412 A	No	0.406 A	No		0.406 A	
Intersection 82	La Tijera at Manchester	AM	0.578 A	0.645 B	No	0.647 B	No	ATCS	0.617 B	Impacts created by network/link improvements. Mitigates impacts
		PM	0.588 A	0.698 B	No	0.710 C	Yes		0.680 B	
		AP (1)	0.625 B	0.626 B	No	0.638 B	No		0.608 B	
Intersection 83	Sepulveda at La Tijera	AM	0.781 C	0.837 D	Yes	0.825 D	Yes	Add 2nd LT lane on WB approach	0.725 C	Temporarily unmitigated PM only, enhances airport access
		PM	0.682 B	0.859 D	Yes	0.851 D	Yes		0.758 C	
		AP (1)	0.411 A	0.468 A	No	0.461 A	No		0.461 A	
Intersection 87	Lincoln at 83rd	AM	0.950 E	0.988 F	Yes	0.976 E	Yes	Add 4th TH lane on NB approach, add 2nd LT lane on EB approach	0.801 C	Mitigates impacts
		PM	1.082 F	1.344 F	Yes	1.312 F	Yes		1.091 F	
		AP (1)	1.281 F	1.347 F	No	1.340 F	No		1.129 F	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. NAMP V/C LOS	Impact	Mlt. NAMP V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 88	Lincoln at Manchester	AM PM AP (1)	0.697 B 1.004 E 0.832 D	0.976 E 1.440 F 0.950 E	Yes Yes No	0.894 D 1.363 F 0.893 D	Yes Yes No	Add 3rd TH lane on EB & WB approaches, add 4th TH lane on SB approach, add 1 2nd LT lane on EB approach, make WB RT lane a free-flow lane	0.675 B 1.036 F 0.739 C	Mitigates impacts
Intersection 99	Sepulveda at Manchester	AM PM AP (1)	0.936 E 0.953 E 0.810 D	0.992 E 0.992 E 0.891 D	Yes Yes No	1.017 F 1.007 F 0.849 D	Yes Yes No	Add separate RT lane on EB and WB approaches	0.928 E 0.937 F 0.831 C	Mitigates impacts, enhances airport access
Intersection 100	Sepulveda at Mariposa	AM PM AP (1)	0.719 C 0.955 E 1.086 F	0.784 C 0.965 E 1.563 F	Yes Yes No	0.752 C 0.932 E 1.057 F	No Yes No	ATSAC	0.682 B 0.922 E 0.987 E	Mitigates impacts
Intersection 103	Sepulveda at Rossmore	AM PM AP (1)	1.540 F 1.700 F 1.803 F	1.615 F 1.737 F 1.843 F	Yes Yes No	1.612 F 1.754 F 1.848 F	Yes Yes No	ATSAC	1.542 F 1.684 F 1.778 F	Mitigates impacts
Intersection 105	Sepulveda at I-105 Off Ramp N/O Imperial	AM PM AP (1)	1.191 F 0.947 E 0.927 E	1.261 F 1.333 F 1.100 F	Yes Yes No	1.270 F 1.024 F 1.107 F	Yes Yes No	ATSAC	1.200 F 0.964 E 1.337 F	Mitigates impacts, enhances airport access
Intersection 109	Sepulveda at Westchester	AM PM AP (1)	0.751 C 0.882 D 0.511 A	0.837 D 0.947 E 0.569 A	Yes Yes No	0.881 D 0.964 E 0.561 A	Yes Yes No	Temporarily add 4th TH lane on NB approach	0.784 C 0.667 D 0.521 A	Mitigates impacts, enhances airport access
Intersection 111	La Cienega at I-405 SB ramps n/o Century	AM PM AP (1)	0.700 B 0.589 A 0.755 C	0.787 C 0.603 A 0.623 D	Yes No No	0.778 C 0.633 A 0.613 D	Yes No No	ATSAC	0.748 C 0.573 A 0.783 C	Temporarily unmitigated AM only, enhances airport access
Intersection 307	La Cienega at I-405 NB Off-Ramp at Century	AM PM AP (1)	0.730 C 0.580 A 0.309 A	0.788 C 0.636 B 0.329 A	Yes No No	0.783 C 0.603 A 0.331 A	Yes No No	ATSAC	0.713 C 0.533 A 0.261 A	Mitigates impacts, enhances airport access

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env.		Alt. NADP		Impact	Mit. NADP		Impact	Improvements	Final		Comments	
			V/C	LOS	V/C	LOS		V/C	LOS			V/C	LOS		
Link 5	Overland s/o Venice	AM	NB/EB	0.888	D	0.870	D	No	0.892	D	No	No additional mitigation necessary	0.892	D	Resultant LOS is LOS F. However, the increase in V/C ratio is less than 0.05
			SB/WB	0.858	D	0.940	F	Yes	0.925	E	Yes		0.925	E	
		PM	NB/EB	0.825	D	0.828	D	No	0.831	D	No		0.831	D	
			SB/WB	1.105	F	1.121	F	No	1.125	F	Yes		1.126	F	
		AP	NB/EB	0.824	D	0.822	D	No	0.825	D	No		0.825	D	
			SB/WB	0.958	E	0.969	E	No	0.934	E	No		0.934	E	
Link 15	Sepulveda s/o Rossmore	AM	NB/EB	0.658	D	0.918	E	Yes	0.918	E	Yes	No additional mitigation necessary	0.918	E	Resultant LOS is within LOS E
			SB/WB	0.265	A	0.261	A	No	0.260	A	No		0.260	A	
		PM	NB/EB	0.445	A	0.449	A	No	0.438	A	No		0.438	A	
			SB/WB	0.783	C	0.784	C	No	0.802	C	No		0.802	C	
		AP	NB/EB	0.479	A	0.502	A	No	0.502	A	No		0.502	A	
			SB/WB	0.516	A	0.515	A	No	0.512	A	No		0.512	A	
Link 20	Jefferson s/o Lincoln	AM	NB/EB	0.466	A	0.492	A	No	0.480	A	No	No additional mitigation necessary	0.480	A	Resultant LOS is within LOS D
			SB/WB	0.310	A	0.329	A	No	0.338	A	No		0.338	A	
		PM	NB/EB	0.387	A	0.453	A	No	0.447	A	No		0.447	A	
			SB/WB	0.793	C	0.845	D	Yes	0.837	D	Yes		0.837	D	
		AP	NB/EB	0.134	A	0.155	A	No	0.154	A	No		0.154	A	
			SB/WB	0.383	A	0.391	A	No	0.350	A	No		0.350	A	
Link 21	Lincoln s/o Jefferson	AM	NB/EB	0.650	B	0.636	B	No	0.621	B	No	No additional mitigation necessary	0.621	B	Resultant LOS is within LOS D
			SB/WB	0.381	A	0.390	A	No	0.391	A	No		0.391	A	
		PM	NB/EB	0.812	D	0.850	D	Yes	0.858	D	Yes		0.858	D	
			SB/WB	0.613	B	0.613	B	No	0.610	B	No		0.610	B	
		AP	NB/EB	0.552	A	0.565	A	No	0.566	A	No		0.566	A	
			SB/WB	0.587	A	0.593	A	No	0.589	A	No		0.589	A	
Link 30	Vista Del Mar s/o Grand	AM	NB/EB	0.785	C	0.843	D	Yes	0.837	D	Yes	No additional mitigation necessary	0.837	D	Resultant LOS is within LOS D
			SB/WB	0.150	A	0.145	A	No	0.145	A	No		0.145	A	
		PM	NB/EB	0.163	A	0.181	A	No	0.181	A	No		0.181	A	
			SB/WB	0.518	A	0.537	A	No	0.537	A	No		0.537	A	
		AP	NB/EB	0.298	A	0.304	A	No	0.304	A	No		0.304	A	
			SB/WB	0.198	A	0.202	A	No	0.202	A	No		0.202	A	

Source:

Prepared By: Parsons Transportation Group, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C		Alt. A V/C		Mr. Alt. A V/C		Impact	Improvements	Final V/C		Comments	
			LOS		LOS		LOS				LOS			
Intersection 4	Airport at Century	AM	0.486	A	0.884	D	Yes	0.827	D	Yes	Restripe SB approach to add 2nd RT lane	0.598	A	Mitigates impacts, enhances airport access
		PM	0.663	B	0.626	B	No	0.616	B	No		0.616	B	
		AP (1)	0.753	C	0.719	C	No	0.737	C	No		0.539	A	
Intersection 6	Airport at Manchester	AM	0.793	C	0.745	C	No	0.735	C	No	Add a RT lane on EB approach	0.735	C	Mitigates impacts
		PM	0.868	D	0.783	C	No	0.755	C	No		0.755	C	
		AP (1)	0.987	E	1.043	F	Yes	1.015	F	Yes		0.895	D	
Intersection 8	La Cienega at Arbor Vitae	AM	0.949	E	1.639	F	Yes	1.246	F	Yes	Add RT lane to EB approach, add 2nd LT lane to NB approach, add a free-flow RT lane on SB approach, and install ATSAC plus ATCS	0.967	E	Mitigates impacts, enhances airport access, requires bridge widening for 3 lanes EB & WB as part of Network Link Improvements
		PM	0.944	E	1.714	F	Yes	1.359	F	Yes		0.989	L	
		AP (1)	0.893	D	1.312	F	No	1.069	F	No		0.814	D	
Intersection 11	Aviation at Century	AM	0.940	E	1.023	F	Yes	1.001	E	Yes	Add one RT lane each to EB, WB and SB approaches, plus ATCS	0.930	D	Mitigates impacts, enhances airport access, requires R/W
		PM	1.062	F	1.084	F	Yes	1.093	F	Yes		0.994	E	
		AP (1)	1.850	F	1.332	F	No	1.385	F	No		1.099	F	
Intersection 12	Aviation at El Segundo	AM	1.088	F	1.111	F	Yes	1.122	F	Yes	Add SB RT lane, ATSAC plus ATCS	0.963	E	Mitigates impacts, enhances airport access
		PM	1.082	F	1.086	F	No	1.082	F	No		0.982	E	
		AP (1)	1.060	F	1.188	F	No	1.201	F	No		1.029	F	
Intersection 13	Aviation at Imperial Hwy	AM	1.033	F	0.766	C	No	0.941	E	No	Restripe NB 1H/RT lane for a RT only lane, plus ATCS	0.923	E	Mitigation required to enhance airport access
		PM	1.307	F	1.155	F	No	1.135	F	No		0.990	F	
		AP (1)	1.254	F	1.122	F	No	1.235	F	No		1.232	F	
Intersection 15	Aviation @ Rosecrans	AM	1.328	F	1.339	F	Yes	1.343	F	Yes	ATSAC	1.273	F	Mitigates impacts
		PM	1.659	F	1.712	F	Yes	1.712	F	Yes		1.642	F	
		AP (1)	1.594	F	1.691	F	No	1.693	F	No		1.623	F	
Intersection 22	Sepulveda at Centinela	AM	1.404	F	1.448	F	Yes	1.448	F	Yes	ATSAC	1.378	F	Mitigates impacts
		PM	1.261	F	1.299	F	Yes	1.313	F	Yes		1.243	F	
		AP (1)	1.044	F	1.020	F	No	1.016	F	No		0.946	L	
Intersection 26	La Cienega at Century	AM	0.756	C	0.807	D	Yes	1.038	F	Yes	Add 2nd LT lane on EB approach, and convert 2 SB RT lanes into a free-flow RT lane	0.795	C	Mitigates impacts, enhances airport access
		PM	0.840	D	0.890	D	No	1.002	E	Yes		0.831	D	
		AP (1)	0.616	B	0.673	B	No	0.638	B	No		0.553	A	
Intersection 35	Sepulveda at El Segundo	AM	1.110	F	1.111	F	No	1.124	F	Yes	ATSAC, plus ATCS	0.979	E	Mitigation required due to network improvements. Mitigates impacts and enhances airport access
		PM	1.279	F	1.236	F	No	1.236	F	No		1.136	F	
		AP (1)	0.975	E	1.082	F	No	1.066	F	No		0.966	E	
Intersection 40	La Cienega at Florence	AM	0.789	C	0.822	D	Yes	0.766	C	No	No additional improvements necessary	0.766	C	Impacts mitigated by network/link improvements
		PM	1.076	F	1.106	F	No	1.030	F	No		1.030	F	
		AP (1)	1.566	F	1.572	F	Yes	1.345	F	No		1.345	F	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C	LOS	Alt. A V/C	LOS	Impact	Mit. Alt. A V/C	LOS	Impact	Improvements	Final V/C	LOS	Comments
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.748	C	0.844	D	Yes	0.859	D	Yes	Add one additional TH lane on NB approach	0.693	B	Mitigates impacts
		PM	0.959	E	0.904	D	No	0.921	E	No		0.796	C	
		AP (1)	0.736	C	0.723	C	No	0.704	B	No		0.635	B	
Intersection 46	I-105 NB Ramps at Imperial	AM	0.275	A	0.287	A	No	0.271	A	No	No additional improvements necessary	0.271	A	Impacts mitigated by network/link improvements. Enhances airport access
		PM	0.303	A	0.312	A	No	0.313	A	No		0.313	A	
		AP (1)	0.636	B	0.701	B	Yes	0.670	B	No		0.670	B	
Intersection 50	Sepulveda at Imperial	AM	0.822	D	0.960	E	Yes	1.024	F	Yes	Make RT lane on EB approach a free flow, add 2nd LT lane on NB approach	0.814	D	Mitigates impacts, requires R/W
		PM	1.092	F	1.467	F	Yes	1.529	F	Yes		1.041	F	
		AP (1)	0.842	D	0.827	D	No	0.858	D	No		0.713	C	
Intersection 52	La Cienega at Imperial	AM	0.691	B	0.752	C	Yes	0.878	D	Yes	Restripe SB TH/RT lane as RT lane, provide SB RT overlap phasing, plus ATCS	0.733	C	Mitigates impacts, enhances airport access
		PM	0.544	A	0.614	B	No	0.681	B	No		0.557	A	
		AP (1)	0.574	A	0.627	B	No	0.620	B	No		0.613	B	
Intersection 57	Lincoln at Jefferson	AM	1.408	F	1.418	F	Yes	1.457	F	Yes	Make NB RT lane a free-flow lane, plus ATCS	1.051	F	Mitigates impacts
		PM	1.187	F	1.200	F	Yes	1.209	F	Yes		1.179	F	
		AP (1)	0.835	D	0.858	D	No	0.861	D	No		0.831	D	
Intersection 71	La Cienega at Lennox	AM	0.379	A	0.432	A	No	0.486	A	No	Restripe 1 WB LT lane to shared LT/RT lane	0.421	A	Mitigates impacts
		PM	0.484	A	0.581	A	No	0.574	A	No		0.580	A	
		AP (1)	0.876	D	1.046	F	Yes	1.089	F	Yes		0.804	C	
Intersection 72	La Cienega at Manchester	AM	0.700	B	0.726	C	No	0.661	B	No	No additional improvements necessary	0.661	B	Impacts mitigated by network/link improvements
		PM	0.772	C	0.762	C	No	0.723	C	No		0.723	C	
		AP (1)	1.148	F	1.252	F	Yes	1.015	F	No		1.015	F	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.828	D	1.004	E	Yes	0.991	E	Yes	Add 2nd LT lane on LB approach	0.818	D	Mitigates impacts
		PM	0.941	E	0.835	D	No	0.816	D	No		0.705	C	
		AP (1)	0.626	B	0.430	A	No	0.446	A	No		0.365	A	
Intersection 79	I-405 SB Ramps at La Tijera	AM	0.745	C	0.777	C	Yes	0.735	C	No	No additional improvements necessary	0.736	C	Impacts mitigated by Network Improvements
		PM	0.939	E	0.908	E	No	0.912	E	No		0.912	E	
		AP (1)	0.422	A	0.498	A	No	0.483	A	No		0.483	A	
Intersection 81	Lincoln at La Tijera	AM	0.509	A	0.882	D	Yes	0.875	D	Yes	Add 2 TH lanes on SB approach, add 1 TH lane on NB approach, modify signal phasing to provide EB/WB permissive LT and EB RT overlap, ATCS	0.557	A	Mitigates impacts, enhances airport access, to be designed w/Westchester Parkway/Lincoln Blvd. Interchange, widening on NB/SB approaches will require R/W
		PM	0.556	A	1.209	F	Yes	1.244	F	Yes		0.736	C	
		AP (1)	0.422	A	0.969	E	No	1.027	F	No		0.696	B	
Intersection 83	Sepulveda at La Tijera	AM	0.899	D	1.317	F	Yes	1.257	F	Yes	Add 2nd LT lane NB approach, add 1 TH lane each on NB & SB approaches, restripe WB approach to provide 2 LT lanes, 1 shared LT/TH lane and 1 shared TH/RT lane, split phase EB/WB, plus ATCS	0.835	D	Mitigates impacts, requires R/W, alternatively provide grade-separated connections
		PM	0.910	E	1.775	F	Yes	1.505	F	Yes		0.915	E	
		AP (1)	0.485	A	0.831	D	No	0.637	B	No		0.385	A	



## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. A LOS	V/C	Impact	Mit. Alt. A V/C LOS	Impact	Improvements	Final LOS	V/C	Comments
Intersection 87	Lincoln at 83rd	AM	1.131 F	1.224 F	F	Yes	1.220 F	F	Add 2nd SB LT lane, plus ATCS	1.137 F	F	Mitigates impacts, requires R/W
		PM	1.482 F	1.579 F	F	No	1.595 F	F		1.480 F	F	
		AP (1)	1.517 F	1.536 F	F	No	1.553 F	F		1.377 F	F	
Intersection 88	Lincoln at Manchester	AM	0.792 C	1.007 F	F	Yes	0.981 E	Yes	Add 2nd LT lanes on EB & WB approaches, add 1 TH lane each on EB & WB approaches, add 1 NB RT lane, plus ATCS	0.800 C	C	Mitigates impacts
		PM	1.543 F	1.710 F	F	Yes	1.724 F	F		1.377 F	F	
		AP (1)	0.921 E	1.218 F	F	No	1.166 F	F		0.954 E	E	
Intersection 94	Lincoln at Teale	AM	0.620 B	0.765 C	C	Yes	0.769 C	Yes	Add 2nd SB LT lane, plus ATCS	0.729 C	C	Mitigates impacts
		PM	0.640 B	0.650 B	B	No	0.633 B	No		0.594 A	A	
		AP (1)	0.458 A	0.481 A	A	No	0.493 A	A		0.425 A	A	
Intersection 98	Pershing at Manchester	AM	0.482 A	0.405 A	A	No	0.451 A	A	Add 2nd LT lane on SB approach, convert E-W split phasing to permissive, plus ATCS	0.367 A	A	Mitigates impacts
		PM	0.610 B	0.754 C	C	Yes	1.082 F	Yes		0.727 C	C	
		AP (1)	0.366 A	0.208 A	A	No	0.228 A	A		0.188 A	A	
Intersection 99	Sepulveda at Manchester	AM	1.008 F	1.100 F	F	Yes	1.148 F	Yes	Restripe WB approach to provide a RT lane	1.017 F	F	Mitigates impacts
		PM	1.085 F	1.033 F	F	No	1.038 F	F		1.038 F	F	
		AP (1)	0.888 D	0.873 D	D	No	0.891 D	No		0.891 D	D	
Intersection 100	Sepulveda at Mariposa	AM	0.801 C	0.936 F	F	Yes	0.954 E	Yes	Add separate RT Lane on EB approach, add 2nd LT lane on NB approach, plus ATSAC	0.765 C	C	Mitigates impacts
		PM	1.084 F	1.471 F	F	Yes	1.476 F	Yes		1.046 F	F	
		AP (1)	1.204 F	1.652 F	F	No	1.877 F	F		1.009 F	F	
Intersection 103	Sepulveda at Rossmore	AM	1.644 F	1.632 F	F	No	1.633 F	F	ATSAC	1.563 F	F	Mitigates impacts
		PM	1.682 F	1.719 F	F	Yes	1.717 F	Yes		1.647 F	F	
		AP (1)	1.898 F	1.939 F	F	No	1.943 F	F		1.873 F	F	
Intersection 106	Sepulveda at 76th/77th	AM	0.762 C	0.858 D	D	Yes	0.884 D	Yes	Add a separate RT lane on WB approach, plus ATCS	0.780 C	C	Mitigates impacts
		PM	0.666 B	0.637 B	B	No	0.639 B	No		0.567 A	A	
		AP (1)	0.722 C	0.654 B	B	No	0.639 B	No		0.586 A	A	
Intersection 111	La Cienega at I-405 SB Ramps N/O Century	AM	0.586 A	0.768 C	C	Yes	0.535 A	A	No additional improvements necessary	0.535 A	A	Impacts mitigated by network/link improvements
		PM	0.555 A	0.593 A	A	No	0.660 B	No		0.660 B	B	
		AP (1)	0.688 B	0.746 C	C	No	0.739 C	No		0.739 C	C	
Intersection 307	La Cienega at I-405 NB Off-Ramp at Century	AM	0.729 C	0.784 C	C	Yes	0.838 D	Yes	ATSAC & ATCS	0.738 C	C	Mitigates impacts
		PM	0.604 A	0.643 B	B	No	0.685 B	No		0.585 A	A	
		AP (1)	0.395 A	0.463 A	A	No	0.461 A	A		0.361 A	A	
Intersection 312	La Cienega at El Segundo	AM	0.620 B	0.661 B	B	No	0.677 B	No	No additional improvements necessary	0.677 B	B	Impacts mitigated by network/link improvements
		PM	0.659 B	0.735 C	C	Yes	0.890 B	No		0.690 B	B	
		AP (1)	0.464 A	0.505 A	A	No	0.500 A	No		0.500 A	A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C	Alt. A V/C	LOS	Impact	Mit. Alt. A V/C	LOS	Impact	Improvements	Final V/C	LOS	Comments
Link 1	Lincoln s/o Venice	AM	NB/EB	0.748	C	No	0.765	C	No	No additional improvements necessary	0.765	C	Impacts mitigated by network/link improvements
			SB/AB	0.909	E	Yes	0.928	E	No		0.928	E	
		PM	NB/EB	0.977	E	No	0.974	E	No		0.974	E	
			SB/AB	0.915	E	Yes	0.932	E	No		0.932	E	
		AP	NB/EB	0.749	C	No	0.784	C	No		0.784	C	
			SB/AB	0.808	D	No	0.802	C	No		0.802	C	
Link 2	Centinela s/o Venice	AM	NB/EB	0.922	E	Yes	0.946	E	Yes	No additional improvements necessary	0.946	E	Intersection improvements mitigate link impacts (resultant LOS is within LOS E)
			SB/AB	0.645	B	No	0.667	B	No		0.667	B	
		PM	NB/EB	0.837	D	No	0.846	D	No		0.846	D	
			SB/AB	0.898	D	Yes	0.932	E	Yes		0.932	E	
		AP	NB/EB	0.739	C	No	0.774	C	No		0.774	C	
			SB/AB	0.875	D	No	0.954	E	No		0.954	E	
Link 4	Sepulveda s/o Venice	AM	NB/EB	0.870	D	No	0.879	D	No	ATCS at Sepulveda/Venice, and ATCS at Sepulveda/405 Ramps (0.03 improvement)	0.849	D	Intersection improvements plus transit service along Sepulveda Boulevard mitigate link impacts
			SB/AB	0.734	C	No	0.749	C	No		0.719	C	
		PM	NB/EB	1.063	F	No	1.083	F	No		1.053	F	
			SB/AB	0.833	E	Yes	0.942	E	No		0.912	E	
		AP	NB/EB	0.827	D	No	0.839	D	No		0.809	D	
			SB/AB	0.982	E	No	1.070	F	Yes		1.040	F	
Link 5	Overland s/o Venice	AM	NB/EB	0.876	D	Yes	0.907	E	Yes	ATCS at Overland/Venice, and ATCS at Overland/Washington Bl (0.03 improvement)	0.888	D	Intersection improvements plus transit service along Overland Avenue mitigate link impacts
			SB/AB	0.962	E	Yes	0.992	E	Yes		0.962	E	
		PM	NB/EB	0.903	D	No	0.904	D	No		0.874	D	
			SB/AB	1.165	F	Yes	1.191	F	Yes		1.161	F	
		AP	NB/EB	0.877	D	No	0.886	D	No		0.856	D	
			SB/AB	1.024	F	No	1.124	F	No		1.094	F	
Link 14	Aviation n/o Rosecrans	AM	NB/EB	0.683	B	No	0.693	B	No	No additional improvements necessary	0.693	B	Impacts mitigated by network/link improvements
			SB/AB	0.234	A	No	0.263	A	No		0.263	A	
		PM	NB/EB	0.460	A	No	0.474	A	No		0.474	A	
			SB/AB	0.759	C	Yes	0.797	C	No		0.797	C	
		AP	NB/EB	0.410	A	No	0.438	A	No		0.438	A	
			SB/AB	0.317	A	No	0.346	A	No		0.346	A	
Link 21	Lincoln s/o Jefferson	AM	NB/EB	0.829	D	Yes	1.028	F	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln/Teale (0.03 improvement)	0.998	E	Intersection improvements mitigate link impacts (resultant LOS is within LOS E)
			SB/AB	0.410	A	No	0.387	A	No		0.357	A	
		PM	NB/EB	0.911	E	No	0.909	E	No		0.879	D	
			SB/AB	0.675	B	No	0.705	C	No		0.675	B	
		AP	NB/EB	0.611	B	No	0.646	B	No		0.616	B	
			SB/AB	0.639	B	No	0.639	B	No		0.609	B	
Link 26	Sepulveda s/o Slauson	AM	NB/EB	0.901	D	Yes	0.955	E	Yes	ATSAC at Sepulveda/Slauson (0.035 improvement)	0.920	E	Intersection improvements mitigate link impacts
			SB/AB	0.399	A	No	0.399	A	No		0.364	A	
		PM	NB/EB	0.742	C	No	0.734	C	No		0.699	B	
			SB/AB	0.828	D	No	0.841	D	No		0.806	D	
		AP	NB/EB	0.540	A	No	0.507	A	No		0.472	A	
			SB/AB	0.515	A	No	0.472	A	No		0.437	A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C	LOS	Alt. A V/C	LOS	Impact	Mit. Alt. A V/C	LOS	Impact	Improvements	Final V/C	LOS	Comments	
Link 27	Centinela w/o Sepulveda	AM	NB/EB	0.405	A	0.464	A	No	0.458	A	No	ATSAC at Sepulveda/Centinela (0.035 improvement)	0.423	A	Mitigation required due to network/link improvements. Intersection improvements mitigate link impacts
			SB/WB	0.945	E	0.954	E	No	0.957	E	No		0.922	E	
		PM	NB/EB	0.864	D	0.878	D	No	0.873	D	No		0.838	D	
			SB/WB	0.692	B	0.767	C	No	0.780	C	Yes		0.745	C	
		AP	NB/EB	0.546	A	0.580	A	No	0.606	B	No		0.571	A	
			SB/WB	0.809	D	0.808	D	No	0.798	C	No		0.763	C	
Link 28	El Segundo w/o Hawthorne	AM	NB/EB	0.193	A	0.202	A	No	0.203	A	No	ATSAC at El Segundo/Hawthorne (0.035 improvement)	0.168	A	Intersection improvements mitigate link impacts
			SB/WB	0.518	A	0.518	A	No	0.524	A	No		0.489	A	
		PM	NB/EB	0.794	C	0.807	D	No	0.816	D	No		0.781	C	
			SB/WB	0.397	A	0.419	A	No	0.420	A	No		0.385	A	
		AP	NB/EB	0.696	B	0.706	C	No	0.710	C	No		0.675	B	
			SB/WB	0.888	D	0.916	E	Yes	0.915	E	Yes		0.880	D	

Source:

Prepared By: Barton-Aschman Associates, Inc.

## Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 8	La Cienega at Arbor Vitae	AM	0.949 E	1.142 F	Yes	1.035 F	Yes	ATSAC, plus ATCS	0.938 E	Mitigates impacts, enhances airport access
		PM	0.944 E	1.053 F	Yes	1.009 F	Yes		0.909 E	
		AP(1)	0.893 D	1.195 F	No	1.204 F	No		1.104 F	
Intersection 11	Aviation at Century	AM	0.940 E	0.970 E	Yes	0.950 E	Yes	Add 2nd LT lane on WB approach, add one separate RT lane each on NB, EB & WB approaches, plus ATCS	0.813 D	Mitigates impacts, enhances airport access
		PM	1.062 F	1.222 F	Yes	1.287 F	Yes		1.008 F	
		AP(1)	1.850 F	1.203 F	No	1.281 F	No		1.237 F	
Intersection 12	Aviation at El Segundo	AM	1.089 F	1.069 F	No	1.041 F	No	No additional mitigation necessary	1.041 F	Impacts mitigated by network/link improvements, enhances airport access
		PM	1.082 F	1.103 F	Yes	1.076 F	No		1.076 F	
		AP(1)	1.050 F	1.175 F	No	1.143 F	No		1.143 F	
Intersection 13	Aviation at Imperial	AM	1.033 F	1.084 F	Yes	1.410 F	Yes	Restripe one WB TH lane as TH/RT lane, restripe NB TH/RT lane for RT only lane, plus ATCS	1.039 F	Mitigates impacts, enhances airport access
		PM	1.307 F	1.301 F	No	1.445 F	Yes		1.188 F	
		AP(1)	1.254 F	1.245 F	No	1.437 F	No		1.154 F	
Intersection 14	Aviation at Manchester	AM	1.152 F	0.993 E	No	0.933 E	No	ATSAC	0.863 D	Mitigates impacts
		PM	1.047 F	1.158 F	Yes	1.077 F	Yes		1.007 F	
		AP(1)	1.493 F	1.550 F	Yes	1.493 F	No		1.423 F	
Intersection 15	Aviation at Roscomans	AM	1.329 F	1.361 F	Yes	1.345 F	Yes	ATSAC	1.275 F	Mitigates impacts
		PM	1.659 F	1.684 F	Yes	1.674 F	Yes		1.604 F	
		AP(1)	1.594 F	1.719 F	No	1.679 F	No		1.609 F	
Intersection 22	Sepulveda at Centinela	AM	1.404 F	1.423 F	Yes	1.441 F	Yes	ATSAC, plus ATCS	1.341 F	Mitigates impacts, enhances airport access, requires R/W
		PM	1.261 F	1.274 F	Yes	1.291 F	Yes		1.191 F	
		AP(1)	1.044 F	1.022 F	No	1.015 F	No		0.915 E	
Intersection 26	La Cienega at Century	AM	0.756 C	0.868 D	Yes	0.850 D	Yes	Restripe EB and NB approaches to provide 2nd LT lane, plus ATCS	0.775 C	Mitigates impacts, enhances airport access, requires R/W
		PM	0.840 D	0.984 E	Yes	1.011 F	Yes		0.787 C	
		AP(1)	0.515 B	0.570 B	No	0.576 B	No		0.519 A	
Intersection 40	La Cienega Blvd. at Florence A	AM	0.789 C	0.842 D	Yes	0.760 C	No	No additional mitigation necessary	0.760 C	Impacts mitigated by network/link improvements, enhances airport access
		PM	1.087 F	1.105 F	Yes	1.050 F	No		1.060 F	
		AP(1)	1.566 F	1.557 F	No	1.441 F	No		1.441 F	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.748 C	0.827 D	Yes	0.835 D	Yes	Add 4th TH lane on NB approach	0.676 B	Mitigates impacts
		PM	0.559 E	0.879 D	No	0.874 D	No		0.764 C	
		AP(1)	0.735 C	0.577 B	No	0.575 B	No		0.585 A	
Intersection 45	I-105/Continental City at Imperial	AM	0.740 C	0.760 C	No	0.844 D	Yes	ATSAC	0.774 C	Mitigation required due to network/link improvements, Mitigates impacts
		PM	0.745 C	0.699 B	No	0.728 C	No		0.658 B	
		AP(1)	0.773 C	0.525 A	No	0.561 A	No		0.491 A	
Intersection 48	I-105 WB Off/Nash at Imperial	AM	1.292 F	1.308 F	Yes	1.303 F	Yes	ATCS	1.273 F	Mitigates impacts, enhances airport access
		PM	0.614 B	0.623 B	No	0.615 B	No		0.585 A	
		AP(1)	0.447 A	0.430 A	No	0.431 A	No		0.401 A	
Intersection 50	Sepulveda at Imperial	AM	0.822 D	1.053 F	Yes	1.094 F	Yes	Make EB RT lane free-flow, add 2nd LT lane on NB approach, plus ATCS	0.700 B	Mitigates impacts, enhances airport access, requires R/W
		PM	1.092 F	1.566 F	Yes	1.568 F	Yes		1.001 E	
		AP(1)	0.842 D	0.846 D	No	0.835 D	No		0.654 B	
Intersection 52	La Cienega at Imperial	AM	0.691 B	0.728 C	No	0.886 D	Yes	Restripe SB TH/RT lane as 2nd RT lane, plus ATCS	0.727 C	Mitigation required due to network/link improvements, Mitigates impacts, enhances airport access
		PM	0.544 A	0.559 A	No	0.619 B	No		0.469 A	
		AP(1)	0.574 A	0.538 B	No	0.536 B	No		0.528 B	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 54	1405 NB Ramps at Jefferson	AM	0.845 D	0.871 D	Yes	0.843 D	No	No additional mitigation necessary	0.843 D	Impacts mitigated by network/link improvements, enhances airport access
		PM	0.921 E	0.893 D	No	0.886 D	No		0.886 D	
		AP(1)	0.733 C	0.711 C	No	0.698 B	No		0.698 B	
Intersection 57	Lincoln at Jefferson	AM	1.408 F	1.428 F	Yes	1.449 F	Yes	Restripe one NB TH lane as TH/RT lane, restripe one WB TH lane as LT/TH lane, split phase E/W movements	1.115 F	Mitigates impacts
		PM	1.187 F	1.214 F	Yes	1.220 F	Yes		1.195 F	
		AP(1)	0.835 D	0.839 D	No	0.853 D	No		0.773 C	
Intersection 72	La Glenega at Manchester	AM	0.700 B	0.714 C	No	0.684 B	No	No additional mitigation necessary	0.684 B	Impacts mitigated by network/link improvements
		PM	0.772 C	0.824 D	Yes	0.769 C	No		0.769 C	
		AP(1)	1.148 F	1.200 F	Yes	1.092 F	No		1.092 F	
Intersection 78	1-405 NB Ramps at La Tijera	AM	0.828 D	0.997 E	Yes	0.989 E	Yes	Restripe EB approach for 2nd LT lane	0.806 D	Mitigates impacts, enhances airport access
		PM	0.841 E	0.824 D	No	0.801 D	No		0.673 B	
		AP(1)	0.525 B	0.483 A	No	0.502 A	No		0.416 A	
Intersection 81	Lincoln at La Tijera	AM	0.539 A	0.882 D	Yes	0.871 D	Yes	Add 1 TH lane on SB approach, add 3rd LT lane on NB approach, add 2nd RT lane on EB approach, modify SB, EB, WB LT phasing to permissive, plus ATCS	0.735 C	Mitigates impacts, to be designed with Westchester Parkway/Lincoln Rvd interchange: SB & NB approaches. Widening will require R/W
		PM	0.556 A	1.069 F	Yes	1.185 F	Yes		0.677 B	
		AP(1)	0.422 A	0.925 E	No	0.984 E	No		0.510 A	
Intersection 82	La Tijera at Manchester	AM	0.636 B	0.625 B	No	0.539 A	No	No additional mitigation necessary	0.539 A	Impacts mitigated by network/link improvements
		PM	0.763 C	0.864 D	Yes	0.726 C	No		0.726 C	
		AP(1)	0.639 B	0.604 B	No	0.563 A	No		0.563 A	
Intersection 83	Sepulveda at La Tijera	AM	0.899 D	1.365 F	Yes	1.229 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB	0.897 D	Mitigates impacts, enhances airport access
		PM	0.910 E	1.824 F	Yes	1.317 F	Yes		0.845 D	
		AP(1)	0.485 A	0.788 C	No	0.635 B	No		0.373 A	
Intersection 87	Lincoln at 83rd	AM	1.131 F	1.220 F	Yes	1.216 F	Yes	Add 2nd LT lane on SB, plus ATCS	1.135 F	Mitigates impacts
		PM	1.482 F	1.550 F	Yes	1.576 F	Yes		1.487 F	
		AP(1)	1.517 F	1.525 F	No	1.526 F	No		1.351 F	
Intersection 88	Lincoln at Manchester	AM	0.792 C	1.028 F	Yes	1.042 F	Yes	Add 2nd LT lane on SB approach, add separate RT lane on NB approach, add one WB TH lane, make WB RT lane free-flow, plus ATCS	0.802 D	Mitigates impacts
		PM	1.543 F	1.703 F	Yes	1.800 F	Yes		1.288 F	
		AP(1)	0.921 E	1.221 F	No	1.149 F	No		0.901 E	
Intersection 94	Lincoln at Teale	AM	0.620 B	0.754 C	Yes	0.765 C	Yes	ATCS	0.735 C	Mitigates impacts
		PM	0.640 B	0.640 B	No	0.649 B	No		0.619 B	
		AP(1)	0.458 A	0.482 A	No	0.486 A	No		0.455 A	
Intersection 98	Pershing at Manchester	AM	0.492 A	0.391 A	No	0.445 A	No	Add 2nd LT lane on SB approach	0.445 A	Mitigation required due to network/link improvements. Mitigates impacts
		PM	0.610 B	0.641 B	No	0.689 E	Yes		0.727 C	
		AP(1)	0.356 A	0.215 A	No	0.230 A	No		0.223 A	
Intersection 99	Sepulveda at Manchester	AM	1.008 F	1.116 F	Yes	1.199 F	Yes	Restripe WB approach to provide a separate RT lane, add 2nd LT lane on EB approach	1.006 F	Mitigates impacts
		PM	1.085 F	1.031 F	No	1.026 F	No		1.026 F	
		AP(1)	0.888 D	0.844 D	No	0.835 D	No		0.835 D	
Intersection 100	Sepulveda at Mariposa	AM	0.801 D	0.929 E	Yes	0.913 E	Yes	Restripe NB approach to provide 2nd LT lane, add separate LT lane on EB approach, ATCS	0.734 C	Mitigates impacts, may require R/W
		PM	1.084 F	1.466 F	Yes	1.469 F	Yes		1.067 F	
		AP(1)	1.204 F	1.579 F	No	1.671 F	No		1.113 D	
Intersection 101	Pershing at Westchester Pkwy	AM	0.331 A	0.635 B	No	0.547 A	No	No additional mitigation necessary	0.547 A	Impacts mitigated by network/link improvements
		PM	0.239 A	0.837 D	Yes	0.623 B	No		0.623 B	
		AP(1)	0.138 A	0.445 A	No	0.415 A	No		0.415 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 105	Sepulveda at 76th/77th	AM	0.762 C	0.837 D	Yes	0.876 D	Yes	Add separate RT lane on NB and WB approaches, plus ATCS	0.780 C	Mitigates impacts
		PM	0.666 B	0.530 B	No	0.614 B	No		0.544 A	
		AP(1)	0.722 C	0.569 B	No	0.565 B	No		0.610 B	
Intersection 111	La Cienega at I-405 SB Ramps n/a Century	AM	0.586 A	0.763 C	Yes	0.722 C	Yes	Add 2nd LT lane on SB approach, add separate RT lane on WB approach	0.653 B	Mitigates impacts
		PM	0.555 A	0.787 C	Yes	0.710 C	Yes		0.599 B	
		AP(1)	0.588 B	0.903 E	Yes	0.868 D	Yes		0.706 C	
Intersection 307	I-405 NB Off-ramp at Century	AM	0.729 C	0.819 D	Yes	0.810 D	Yes	ATISAC	0.740 C	Mitigates impacts
		PM	0.604 B	0.647 B	No	0.652 B	No		0.582 A	
		AP(1)	0.385 A	0.455 A	No	0.431 A	No		0.361 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour		Adj. Env. V/C LOS		Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 2	Centinela s/o Venice	AM	NB/EB	0.922 E	E	0.945 E	Yes	0.945 E	Yes	No additional improvements necessary	0.945 E	Resultant LOS is within LOS E
			SB/WB	0.545 B	B	0.666 B	No	0.663 B	No		0.553 B	
		PM	NB/EB	0.837 D	D	0.837 D	No	0.839 D	No		0.839 D	
			SB/WB	0.898 D	D	0.930 E	Yes	0.922 E	Yes		0.922 E	
		AP <sup>(1)</sup>	NB/EB	0.739 C	C	0.765 C	No	0.773 C	No		0.773 C	
			SB/WB	0.875 D	D	0.867 D	No	0.935 E	No		0.935 E	
Link 4	Sepulveda s/o Venice	AM	NB/EB	0.870 D	D	0.873 D	No	0.873 D	No	ATCS at Sepulveda/Venice, and ATCS at Sepulveda/405 Ramps (0.03 improvement)	0.843 D	Mitigation required due to network/link improvements. Intersection improvements mitigate impacts. Resultant increase in V/C is less than 0.05 within LOS F
			SB/WB	0.734 C	C	0.732 C	No	0.744 C	No		0.714 C	
		PM	NB/EB	1.063 F	F	1.082 F	No	1.076 F	No		1.046 F	
			SB/WB	0.933 E	E	0.952 E	No	0.949 E	No		0.919 E	
		AP <sup>(1)</sup>	NB/EB	0.927 D	D	0.941 D	No	0.922 D	No		0.792 C	
			SB/WB	0.992 E	E	0.986 E	No	1.052 F	Yes		1.032 F	
Link 5	Overland s/o Venice	AM	NB/EB	0.876 D	D	0.900 D	No	0.904 E	Yes	ATCS at Overland/Venice, and ATCS at Overland/Washington E (0.03 improvement)	0.874 D	Intersection improvements mitigate impacts
			SB/WB	0.962 E	E	0.979 E	No	0.977 E	No		0.947 E	
		PM	NB/EB	0.903 F	F	0.915 E	No	0.898 D	No		0.868 D	
			SB/WB	1.165 F	F	1.187 F	Yes	1.197 F	Yes		1.167 F	
		AP <sup>(1)</sup>	NB/EB	0.877 D	D	0.892 D	No	0.902 E	No		0.872 D	
			SB/WB	1.024 F	F	1.045 F	No	1.094 F	No		1.054 F	
Link 21	Lincoln s/o Jefferson	AM	NB/EB	0.829 D	D	1.025 F	Yes	1.020 F	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln/Tecole (0.03 improvement)	0.990 E	Intersection improvements mitigate impacts. Resultant LOS is within LOS E
			SB/WB	0.410 A	A	0.380 A	No	0.384 A	No		0.354 A	
		PM	NB/EB	0.911 E	E	0.901 E	No	0.901 E	No		0.871 D	
			SB/WB	0.675 B	B	0.703 C	No	0.698 B	No		0.669 B	
		AP <sup>(1)</sup>	NB/EB	0.611 B	B	0.642 B	No	0.646 B	No		0.616 B	
			SB/WB	0.639 B	B	0.625 B	No	0.635 B	No		0.605 B	
Link 25	Sepulveda s/o Simson	AM	NB/EB	0.901 F	F	0.938 F	Yes	0.948 F	Yes	ATCS at Sepulveda/Simson (0.035 improvement)	0.913 F	Intersection improvements mitigate impacts
			SB/WB	0.399 A	A	0.371 A	No	0.373 A	No		0.338 A	
		PM	NB/EB	0.742 C	C	0.723 C	No	0.724 C	No		0.689 B	
			SB/WB	0.828 D	D	0.828 D	No	0.844 D	No		0.809 D	
		AP <sup>(1)</sup>	NB/EB	0.540 A	A	0.503 A	No	0.496 A	No		0.461 A	
			SB/WB	0.515 A	A	0.457 A	No	0.456 A	No		0.421 A	
Link 28	El Segundo w/o Hawthorne	AM	NB/EB	0.193 A	A	0.197 A	No	0.194 A	No	No additional improvements necessary	0.194 A	Impacts mitigated by network/link improvements
			SB/WB	0.518 A	A	0.519 A	No	0.514 A	No		0.514 A	
		PM	NB/EB	0.794 C	C	0.806 D	No	0.798 C	No		0.758 C	
			SB/WB	0.397 A	A	0.413 A	No	0.408 A	No		0.408 A	
		AP <sup>(1)</sup>	NB/EB	0.696 B	B	0.710 C	No	0.702 C	No		0.702 C	
			SB/WB	0.668 D	D	0.915 E	Yes	0.906 E	No		0.906 E	

Source:

Prepared By: Norton-Aschman Associates, Inc.

Notes:

- (1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 8	La Cienega at Arbor Vitae	AM	0.949 E	1.570 F	Yes	1.503 F	Yes	Add separate RT lane on EB, WB and SB approaches, add 2nd LT lane on EB and NB approaches, add 1 LT/TH lane on NB approach, split phase N-S movements, ATSAC.	0.938 E	Mitigates impacts, enhances airport access
		PM	0.944 E	1.450 F	Yes	1.401 F	Yes		0.913 E	
		AP(1)	0.893 D	1.153 F	No	1.153 F	No		0.988 E	
Intersection 11	Aviation at Century	AM	0.940 E	1.322 F	Yes	1.381 F	Yes	Add RT lane on WB approach, add 2nd LT lane on EB approach, make RT lane on SB approach free flow	0.902 E	Mitigates impacts, enhances airport access
		PM	1.062 F	1.123 F	Yes	1.163 F	Yes		0.988 E	
		AP(1)	1.850 F	1.876 F	No	1.875 F	No		1.257 F	
Intersection 12	Aviation at El Segundo	AM	1.089 F	1.166 F	Yes	1.172 F	Yes	Add separate RT lane on WB approach, plus ATSAC	1.015 F	Mitigates impacts, enhances airport access
		PM	1.082 F	1.158 F	Yes	1.113 F	Yes		1.043 F	
		AP(1)	1.060 F	1.266 F	No	1.266 F	No		1.063 F	
Intersection 15	Aviation at Rosecrans	AM	1.329 F	1.340 F	Yes	1.346 F	Yes	ATSAC	1.276 F	Mitigates impacts
		PM	1.659 F	1.687 F	Yes	1.676 F	Yes		1.606 F	
		AP(1)	1.594 F	1.706 F	No	1.705 F	No		1.635 F	
Intersection 22	Sepulveda at Centinela Ave.	AM	1.404 F	1.454 F	Yes	1.454 F	Yes	ATSAC	1.384 F	Mitigates impacts, enhances airport access
		PM	1.261 F	1.313 F	Yes	1.295 F	Yes		1.225 F	
		AP(1)	1.044 F	1.010 F	No	1.010 F	No		0.940 E	
Intersection 26	La Cienega at Century	AM	0.756 C	1.082 F	Yes	1.087 F	Yes	Add 2nd LT lane on EB approach, widen WB approach to provide 1 LT lane, 3 TH lanes, 1 shared TH/RT lane, and 1 RT lane	0.769 C	Mitigates impacts, enhances airport access, requires R/W
		PM	0.840 D	1.054 F	Yes	1.071 F	Yes		0.838 D	
		AP(1)	0.616 B	0.868 D	No	0.867 D	No		0.635 B	
Intersection 35	Sepulveda at El Segundo	AM	1.112 F	1.125 F	Yes	1.127 F	Yes	ATSAC	1.057 F	Mitigates impacts, enhances airport access
		PM	1.279 F	1.248 F	No	1.243 F	No		1.163 F	
		AP(1)	0.975 E	1.087 F	No	1.087 F	No		1.017 F	
Intersection 40	Cienega Blvd. at Florence A	AM	0.789 C	0.866 D	Yes	0.807 D	No	No additional improvements necessary	0.807 D	Impacts mitigated by network/link improvements. Enhances airport access
		PM	1.087 F	1.098 F	Yes	1.028 F	No		1.028 F	
		AP(1)	1.566 F	1.566 F	No	1.555 F	No		1.555 F	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.748 C	0.851 D	Yes	0.877 D	Yes	Add 4th TH lane on NB approach	0.719 C	Mitigates impacts
		PM	0.959 E	0.937 E	No	0.935 E	No		0.826 D	
		AP(1)	0.735 C	0.724 C	No	0.724 C	No		0.637 B	
Intersection 48	I-105 WB On/Nash at Imperial	AM	1.293 F	1.244 F	No	1.255 F	No	No additional improvements necessary	1.256 F	Impacts mitigated by network/link improvements. Enhances airport access
		PM	2.614 B	0.716 C	Yes	0.699 B	No		3.599 B	
		AP(1)	2.447 A	0.412 A	No	2.412 A	No		2.412 A	
Intersection 50	Sepulveda at Imperial	AM	0.822 D	1.011 F	Yes	1.035 F	Yes	Make EB RT lane free-flow, add 2nd LT lane on NB approach, restripe 1 NB TH lane as TH/RT lane	0.740 C	Mitigates impacts, enhances airport access
		PM	1.092 F	1.650 F	Yes	1.667 F	Yes		0.891 D	
		AP(1)	0.842 D	0.924 E	No	0.904 E	No		0.753 C	
Intersection 52	La Cienega at Imperial	AM	0.691 B	0.747 C	Yes	0.784 C	Yes	Convert SB TH/RT lane to a 2nd RT lane with overlap phasing	0.654 B	Mitigates impacts, enhances airport access
		PM	0.544 A	0.596 A	No	0.581 A	No		0.478 A	
		AP(1)	0.574 A	0.590 A	No	0.580 A	No		0.620 B	
Intersection 57	Lincoln at Jefferson	AM	1.429 F	1.431 F	Yes	1.453 F	Yes	Restripe one NB TH lane as TH/RT lane, restripe one WB TH lane as LT/TH lane, split phase E-W movements	1.136 F	Mitigates impacts
		PM	1.187 F	1.226 F	Yes	1.229 F	Yes		1.165 F	
		AP(1)	0.835 D	0.861 D	No	0.856 D	No		0.795 C	
Intersection 71	La Cienega at Lomax Blvd.	AM	0.379 A	0.632 B	No	0.673 B	No	Add 1 LT lane on NB approach and restripe WB approach for 1 LT, 1 TH and 1 free-flow RT lane	3.506 A	Mitigates impacts
		PM	0.484 A	0.775 C	Yes	0.798 C	Yes		0.657 B	
		AP(1)	0.876 D	1.321 F	Yes	1.346 F	Yes		0.878 D	
Intersection 72	La Cienega at Manchester	AM	0.703 B	0.745 C	Yes	0.705 C	No	No additional improvements necessary	0.705 C	Impacts mitigated by network/link improvements
		PM	0.772 C	0.762 C	No	0.719 C	No		0.719 C	
		AP(1)	1.148 F	1.242 F	Yes	1.245 F	No		1.146 F	



## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.828 D	1.627 F	Yes	1.003 E	Yes		0.827 D	
		PM	0.941 E	0.857 D	No	0.848 D	No	Restripe EB approach to add 2nd LT lane	0.719 C	Mitigates impacts, enhances airport access
		AP(1)	0.626 B	0.449 A	No	0.461 A	No		0.367 A	
Intersection 79	I-405 SB Ramps at La Tijera	AM	0.745 C	0.801 D	Yes	0.750 C	No		0.750 C	
		PM	0.939 E	0.953 E	Yes	0.926 E	No	No additional improvements necessary	0.926 E	Impacts mitigated by network/link improvements. Enhances airport access
		AP(1)	0.422 A	0.511 B	No	0.582 A	No		0.582 A	
Intersection 81	Lincoln at La Tijera	AM	0.509 A	0.877 D	Yes	0.956 D	Yes	Add 1 TH lane on SB approach, add 3rd LT lane on NB approach, add 2nd RT lane on EB approach, modify SB, EB, WB LT phasing to permissive, plus ATCS	0.739 C	
		PM	0.556 A	1.239 F	Yes	1.250 F	Yes		0.739 C	Mitigates impacts
		AP(1)	0.422 A	0.971 E	No	1.017 F	No		0.556 A	
Intersection 83	Sepulveda at La Tijera	AM	0.889 D	1.284 F	Yes	1.246 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lanes as LT/TH lanes on WB approach, add 1 TH RT lane on EB approach, split phase EB & WB	0.996 D	
		PM	0.910 E	1.749 F	Yes	1.386 F	Yes		0.900 D	Mitigates impacts, enhances airport access
		AP(1)	0.485 A	0.827 D	No	0.637 B	No		0.398 A	
Intersection 87	Lincoln at 83rd	AM	1.131 F	1.245 F	Yes	1.233 F	Yes		1.057 F	
		PM	1.482 F	1.588 F	Yes	1.574 F	Yes	Add 2nd LT lane on SB and EB approaches	1.385 F	Mitigates impacts, requires RW
		AP(1)	1.517 F	1.540 F	No	1.555 F	No		1.267 F	
Intersection 88	Lincoln at Manchester	AM	0.792 C	1.015 F	Yes	0.992 E	Yes	Add 2nd LT lane on SB & WB approaches, add separate RT lane on NB approach, add LT phase for E-W movements, make RT lane on WB approach a free-flow, plus ATCS	0.805 D	
		PM	1.543 F	1.732 F	Yes	1.711 F	Yes		1.251 F	Mitigates impacts, enhances airport access, requires RW
		AP(1)	0.921 E	1.241 F	No	1.174 F	No		0.839 D	
Intersection 94	Lincoln at Touro	AM	0.620 B	0.785 C	Yes	0.779 C	Yes	Add separate RT lane on NB approach, add 2nd LT lane on SB approach, plus ATCS	0.735 C	
		PM	0.640 B	0.652 B	No	0.641 B	No		0.591 A	Mitigates impacts
		AP(1)	0.458 A	0.487 A	No	0.497 A	No		0.427 A	
Intersection 98	Parahing at Manchester	AM	0.482 A	0.406 A	No	0.460 A	No		0.430 A	
		PM	0.515 B	0.748 C	Yes	1.046 F	Yes	Add 2nd LT lane on SB approach, plus ATCS	0.737 C	Mitigates impacts
		AP(1)	0.355 A	0.218 A	No	0.235 A	No		0.184 A	
Intersection 99	Sepulveda at Manchester	AM	1.008 F	1.113 F	Yes	1.162 F	Yes	Restripe WB approach to provide a separate RT lane, plus ATCS	1.013 F	
		PM	1.085 F	1.333 F	No	1.328 F	No		0.928 E	Mitigates impacts
		AP(1)	0.888 D	0.835 D	No	0.830 D	No		0.803 C	
Intersection 100	Sepulveda at Mariposa	AM	0.801 D	0.908 E	Yes	0.900 D	Yes	Restripe NB to provide 2nd LT lane, add separate RT lane on EB approach, ATCS	0.768 C	
		PM	1.084 F	1.484 F	Yes	1.489 F	Yes		1.029 F	Mitigates impacts
		AP(1)	1.204 F	1.615 F	No	1.615 F	No		1.072 D	
Intersection 101	Parahing at Westchester Pkwy	AM	0.331 A	0.533 B	No	0.589 A	No		0.559 A	
		PM	0.299 A	0.863 D	Yes	0.742 C	Yes	ATCS	0.712 C	Mitigates impacts
		AP(1)	0.138 A	0.509 A	No	0.483 A	No		0.453 A	
Intersection 103	Sepulveda at Rossmore	AM	1.545 F	1.648 F	No	1.637 F	No		1.567 F	
		PM	1.592 F	1.738 F	Yes	1.719 F	Yes	ATCS	1.649 F	Mitigates impacts, enhances airport access
		AP(1)	1.888 F	1.936 F	No	1.935 F	No		1.865 F	
Intersection 106	Sepulveda at 76th/77th	AM	0.752 C	0.868 D	Yes	0.912 E	Yes	Add separate RT lane on NB approach, add 1 TH and 1 RT lane on WB approach, plus ATCS	0.781 C	
		PM	0.566 B	0.640 B	No	0.639 B	No		0.536 A	Mitigates impacts
		AP(1)	0.722 C	0.651 B	No	0.646 B	No		0.570 A	
Intersection 107	I-405 NB Off-ramp at Century	AM	0.729 C	0.795 C	Yes	0.790 C	Yes		0.720 C	
		PM	0.604 B	0.648 B	No	0.639 B	No	ATCS	0.569 A	Mitigates impacts
		AP(1)	0.385 A	0.451 A	No	0.448 A	No		0.378 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 1	Lincoln s/o Venice Blvd.	AM NB/EB	0.748 C	0.765 C	No	0.768 C	No	No additional mitigation necessary	0.768 C	Resultant LOS is within LOS E
		SB/WB	0.909 E	0.935 E	Yes	0.923 E	No		0.923 E	
		PM NB/EB	0.977 E	0.996 E	No	0.975 E	No		0.975 E	
		SB/WB	0.915 E	0.945 E	Yes	0.935 E	Yes		0.935 E	
		AP NB/EB	0.749 C	0.782 C	No	0.781 C	No		0.781 C	
		SB/WB	0.808 D	0.797 C	No	0.809 D	No		0.809 D	
Link 2	Continental s/o Venice	AM NB/EB	0.922 E	0.954 E	Yes	0.951 E	Yes	No additional mitigation necessary	0.951 E	Resultant LOS is within LOS E
		SB/WB	0.645 B	0.665 B	No	0.667 B	No		0.667 B	
		PM NB/EB	0.937 D	0.855 D	No	0.849 D	No		0.849 D	
		SB/WB	0.898 D	0.929 E	Yes	0.939 E	Yes		0.939 E	
		AP NB/EB	0.739 C	0.771 C	No	0.770 C	No		0.77 C	
		SB/WB	0.875 D	0.875 D	No	0.877 D	No		0.877 D	
Link 4	Sepulveda s/o Venice	AM NB/EB	0.870 D	0.874 D	No	0.881 D	No	ATCS at Sepulveda/Venice, and ATCS at Sepulveda/I 405 Ramps (0.03 improvement)	0.851 D	Intersection improvements mitigate link impacts
		SB/WB	0.734 C	0.759 C	No	0.753 C	No		0.723 C	
		PM NB/EB	1.063 F	1.076 F	No	1.087 F	Yes		1.057 F	
		SB/WB	0.933 E	0.966 E	Yes	0.961 E	Yes		0.931 E	
		AP NB/EB	0.827 D	0.833 D	No	0.828 D	No		0.798 C	
		SB/WB	0.982 E	0.985 E	No	0.977 E	No		0.947 E	
Link 5	Overland s/o Venice	AM NB/EB	0.876 D	0.915 E	Yes	0.930 E	Yes	ATCS at Overland/Venice, and ATCS at Overland/Washington Bl (0.03 improvement)	0.900 D	Intersection improvements mitigate link impacts
		SB/WB	0.962 E	0.982 E	Yes	0.987 E	Yes		0.957 E	
		PM NB/EB	0.903 E	0.904 E	No	0.915 E	No		0.895 D	
		SB/WB	1.165 F	1.192 F	Yes	1.186 F	Yes		1.155 F	
		AP NB/EB	0.877 D	0.892 D	No	0.902 E	No		0.872 D	
		SB/WB	1.024 F	1.038 F	No	1.041 F	No		1.011 F	
Link 20	Jefferson s/o Lincoln	AM NB/EB	0.782 C	0.753 C	No	0.753 C	No	No additional mitigation necessary	0.763 C	Impacts mitigated by network/link improvements.
		SB/WB	0.335 A	0.349 A	No	0.381 A	No		0.381 A	
		PM NB/EB	0.476 A	0.521 A	No	0.502 A	No		0.532 A	
		SB/WB	0.927 E	0.948 E	Yes	0.930 E	No		0.932 E	
		AP NB/EB	0.274 A	0.251 A	No	0.254 A	No		0.254 A	
		SB/WB	0.299 A	0.293 A	No	0.282 A	No		0.282 A	
Link 21	Lincoln s/o Jefferson	AM NB/EB	0.829 D	1.054 F	Yes	1.043 F	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln and Toluca Sts (0.03 improvement)	1.013 F	Intersection improvements mitigate link impacts. Resultant increase in V/C ratio is less than 0.05 within LOS F
		SB/WB	0.410 A	0.385 A	No	0.366 A	No		0.356 A	
		PM NB/EB	0.911 E	0.909 E	No	0.908 E	No		0.878 D	
		SB/WB	0.675 B	0.700 B	No	0.704 C	No		0.674 B	
		AP NB/EB	0.611 B	0.650 B	No	0.652 B	No		0.622 B	
		SB/WB	0.639 B	0.635 B	No	0.630 B	No		0.630 A	
Link 26	Sepulveda s/o Sluison	AM NB/EB	0.901 E	0.967 E	Yes	0.966 E	Yes	No additional mitigation necessary	0.966 E	Resultant LOS is within LOS E
		SB/WB	0.399 A	0.400 A	No	0.404 A	No		0.404 A	
		PM NB/EB	0.742 C	0.742 C	No	0.743 C	No		0.740 C	
		SB/WB	0.828 D	0.845 D	No	0.831 D	No		0.831 D	
		AP NB/EB	0.540 A	0.514 A	No	0.528 A	No		0.508 A	
		SB/WB	0.515 A	0.501 A	No	0.490 A	No		0.490 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 27	Centinela w/o Sepulveda	AM NB/EB	0.405 A	0.461 A	No	0.445 A	No	No additional mitigation necessary	0.445 A	Impacts mitigated by network/link improvements.
		SB/WB	0.945 E	0.962 E	No	0.964 E	No		0.964 E	
		PM NB/EB	0.864 D	0.865 D	No	0.861 D	No		0.861 D	
		SB/WB	0.692 B	0.775 C	Yes	0.766 C	No		0.766 C	
		AP NB/EB	0.545 A	0.570 A	No	0.596 A	No		0.596 A	
Link 28	El Segundo w/o Hawthorne	SB/WB	0.829 D	0.796 C	No	0.791 C	No	No additional mitigation necessary	0.791 C	Impact caused by network/link improvements. However, mitigation is not required since resultant LOS is within LOS E.
		AM NB/EB	0.193 A	0.208 A	No	0.204 A	No		0.204 A	
		SB/WB	0.518 A	0.523 A	No	0.520 A	No		0.520 A	
		PM NB/EB	0.794 C	0.808 D	No	0.804 D	No		0.804 D	
		SB/WB	0.397 A	0.410 A	No	0.404 A	No		0.404 A	
		AP NB/EB	0.696 B	0.694 B	No	0.695 B	No	Yes	0.695 B	
		SB/WB	0.888 D	0.902 E	No	0.908 E	Yes		0.908 E	

## Source:

Prepared By: Parsons Transportation Group, Inc.

## Notes:

- (1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Ent. V/C LOS	Alt. NAMP V/C LOS	Impact	ML NAMP V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 3	Airport at Arbor Vitae	AM PM AP (1)	0.869 B 0.917 E 0.974 E	0.932 E 1.177 F 1.323 F	Yes Yes Yes	1.027 F 1.170 F 1.317 F	Yes Yes Yes	Add separate RT lane on EB and NB approaches, add 2nd LT lane on WB approach	0.880 B 0.879 D 0.963 E	Mitigates impacts, enhances airport access
Intersection 4	Airport at Century	AM PM AP (1)	0.486 A 0.663 B 0.753 C	0.679 B 0.779 C 0.742 C	No Yes No	0.633 B 0.700 B 0.726 C	No No No	No additional mitigation necessary	0.633 B 0.700 B 0.726 C	Impacts mitigated by network/link improvements, enhances airport access
Intersection 5	Airport at La Tijera	AM PM AP (1)	0.579 A 0.581 A 0.754 C	0.838 B 0.718 C 0.785 C	No Yes No	0.643 B 0.743 C 0.771 C	No Yes No	ATCS	0.613 B 0.713 C 0.741 C	Mitigates impacts
Intersection 6	Airport at Manchester	AM PM AP (1)	0.793 C 0.888 D 0.967 E	1.006 F 0.969 E 1.001 E	Yes Yes Yes	0.985 E 0.961 E 0.997 E	Yes Yes Yes	Re-strip to add 1 TH lane each on WB and EB approaches	0.791 C 0.775 C 0.820 D	Mitigates impacts
Intersection 7	Aviation at Arbor Vitae	AM PM AP (1)	0.745 C 0.973 E 0.813 E	1.168 F 1.311 F 1.085 F	Yes Yes No	1.131 F 1.287 F 1.051 F	Yes Yes No	Add 2nd LT lane on NB approach, add 2nd LT lane on WB approach, add 1 TH and a separate RT lane on EB approach, plus ATCS	0.780 C 0.888 D 0.811 D	Mitigates impacts, enhances airport access
Intersection 8	La Cienega at Arbor Vitae	AM PM AP (1)	0.949 E 0.944 E 0.893 D	1.243 F 1.013 F 1.009 F	Yes Yes No	1.219 F 1.003 E 0.987 E	Yes Yes No	Add 2nd LT lane on NB, SB, EB, and WB approaches, add LT phase on NB, SB, EB, and WB approaches, ATCS, plus ATCS	1.035 F 0.936 D 0.932 D	Mitigates impacts, enhances airport access, requires R/W
Intersection 10	Aviation at 111th	AM PM AP (1)	0.422 A 0.486 A 0.942 D	0.536 A 0.670 B 0.905 D	No No Yes	0.617 B 0.653 B 0.830 D	No No No	No additional mitigation necessary	0.617 B 0.653 B 0.830 D	Impacts mitigated by network/link improvements
Intersection 11	Aviation at Century	AM PM AP (1)	0.540 E 1.062 F 1.650 F	1.173 F 1.157 F 1.899 F	Yes Yes No	1.183 F 1.143 F 1.937 F	Yes Yes No	Add separate RT lane on SB and WB approaches, add 2nd LT lane on EB approach, plus ATCS	0.933 E 1.042 F 1.855 F	Mitigates impacts, enhances airport access, requires R/W
Intersection 12	Aviation at El Segundo	AM PM AP (1)	1.089 F 1.082 F 1.060 F	1.184 F 1.173 F 1.148 F	Yes Yes No	1.221 F 1.160 F 1.151 F	Yes Yes No	Add a separate RT lane on WB approach, ATCS	1.054 F 1.090 F 1.008 F	Mitigates impacts, enhances airport access, requires R/W
Intersection 13	Aviation at Imperial Hwy	AM PM AP (1)	1.033 F 1.307 F 1.254 F	1.069 F 1.070 F 1.297 F	Yes No No	0.992 E 1.096 F 1.205 F	No No No	No additional mitigation necessary	0.992 E 1.096 F 1.205 F	Impacts mitigated by network/link improvements, enhances airport access
Intersection 14	Aviation at Manchester	AM PM AP (1)	1.152 F 1.047 F 1.493 F	1.451 F 1.147 F 1.529 F	Yes Yes Yes	1.464 F 1.136 F 1.544 F	Yes Yes Yes	Add 2nd LT lane on NB approach, add SB RT overlap phasing, ATCS	1.147 F 0.957 E 1.252 F	Mitigates impacts
Intersection 15	Aviation at Rosecrans	AM PM AP (1)	1.328 F 1.659 F 1.594 F	1.465 F 1.748 F 1.680 F	Yes Yes No	1.434 F 1.747 F 1.654 F	Yes Yes No	ATCS, plus ATCS	1.394 F 1.647 F 1.554 F	Mitigates impacts
Intersection 18	Centinela at Jefferson	AM PM AP (1)	1.152 F 1.355 F 1.090 F	1.200 F 1.279 F 1.145 F	Yes No No	1.209 F 1.371 F 1.141 F	Yes Yes No	Re-strip WB RT lane for a shared TH/RT lane	1.054 F 1.225 F 1.132 F	Mitigates impacts
Intersection 21	Sepulveda at Centinela	AM PM AP (1)	1.404 F 1.261 F 1.044 F	1.538 F 1.356 F 1.079 F	Yes Yes No	1.517 F 1.340 F 1.074 F	Yes Yes No	Add 2nd LT lane on EB approach, ATCS	1.356 F 1.177 F 0.979 E	Mitigates impacts
Intersection 26	La Cienega at Century	AM PM AP (1)	0.750 C 0.840 D 0.616 B	0.926 E 0.931 E 0.632 B	Yes Yes No	0.912 E 0.930 E 0.827 B	Yes Yes No	Re-strip NB approach to provide 2nd LT lane, add a separate RT lane on WB approach, plus ATCS	0.783 C 0.748 C 0.509 A	Mitigates impacts, enhances airport access, requires R/W

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Adj. NAMP V/C LOS	Impact	Mit. NAMP V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 27	Sepulveda at Century	AM PM AP (1)	0.747 C 0.874 D 0.819 D	0.847 D 0.886 D 0.818 D	Yes No No	0.952 D 0.891 D 0.909 D	Yes No No	Add 5th TH lane on NB Approach	0.703 C 0.840 D 0.688 B	Mitigates impacts, enhances airport access
Intersection 34	Douglas at Imperial	AM PM AP (1)	0.363 A 0.675 B 0.601 A	0.504 A 0.922 E 0.716 C	No Yes No	0.435 A 0.740 C 0.577 A	No Yes No	Add a separate RT lane on WB approach	0.430 A 0.733 C 0.564 A	Mitigates impacts, enhances airport access
Intersection 35	Sepulveda at El Segundo	AM PM AP (1)	1.110 F 1.279 F 0.925 E	1.223 F 1.338 F 1.033 F	Yes Yes No	1.244 F 1.349 F 1.028 F	Yes Yes No	Add a separate RT lane on NB approach, ATCS	1.109 F 1.279 F 0.958 E	Mitigates impacts, enhances airport access, requires R/W
Intersection 38	Vista Del Mar at Grand	AM PM AP (1)	0.915 E 0.518 A 0.589 A	1.130 F 0.574 A 0.639 B	Yes No No	1.111 F 0.571 A 0.634 B	Yes No No	Add 1 TH lane on NB approach, ATCS	0.779 C 0.501 A 0.471 A	Mitigates impacts
Intersection 40	La Cienega at Florence	AM PM AP (1)	0.789 C 1.087 F 1.568 F	0.921 E 1.198 F 1.633 F	Yes Yes Yes	0.910 E 1.195 F 1.504 F	Yes Yes Yes	ATCS, plus ATCS	0.910 D 1.095 F 1.504 F	Mitigates impacts
Intersection 43	Highland/Vista Del Mar at Rosecrans	AM PM AP (1)	1.214 F 0.968 E 0.908 E	1.370 F 1.000 E 0.929 E	Yes Yes No	1.286 F 0.996 E 0.934 E	Yes Yes No	ATCS	1.215 F 0.926 E 0.864 D	Mitigates impacts
Intersection 44	Sepulveda at Howard Hughes Parkway	AM PM AP (1)	0.748 C 0.859 E 0.736 C	0.743 C 1.055 F 0.768 C	No Yes No	0.784 C 1.038 F 0.755 C	No Yes No	Add 4th TH lane on NB approach	0.637 B 0.908 E 0.563 B	Mitigates impacts
Intersection 45	I-105/Continental City at Imperial	AM PM AP (1)	0.740 C 0.745 C 0.773 C	0.685 B 0.814 D 0.835 D	No Yes No	0.872 B 0.820 D 0.814 D	No Yes No	ATCS	0.602 A 0.750 C 0.744 C	Mitigates impacts
Intersection 47	Main at Imperial	AM PM AP (1)	0.781 C 1.083 F 0.597 A	0.882 D 1.211 F 0.830 B	Yes Yes No	0.876 D 1.178 F 0.606 B	Yes Yes No	Add 2nd LT lane on WB approach, plus ATCS	0.791 C 0.866 D 0.482 A	Mitigates impacts, enhances airport access
Intersection 48	I-405 WB Off-Ramp at Imperial	AM PM AP (1)	1.291 F 0.814 B 0.447 A	1.195 F 0.790 C 0.428 A	No Yes No	1.174 F 0.780 C 0.432 A	No Yes No	Restripe EB approach to provide a separate RT lane	1.174 F 0.703 B 0.391 A	Mitigates impacts, enhances airport access
Intersection 49	Pasadena at Imperial	AM PM AP (1)	1.148 F 1.117 F 0.719 C	1.539 F 1.280 F 0.815 D	Yes Yes No	1.548 F 1.281 F 0.808 D	Yes Yes No	Restripe WB approach to make RT lane a free-flow lane	0.805 D 0.890 D 0.483 A	Mitigates impacts, enhances airport access, requires R/W
Intersection 50	Sepulveda at Imperial	AM PM AP (1)	0.822 D 1.092 F 0.842 D	0.868 D 1.182 F 1.131 F	Yes Yes No	0.874 D 1.145 F 1.143 F	Yes Yes No	Restripe NB approach to add 1 TH/RT lane, plus ATCS	0.833 D 0.999 E 1.023 F	Mitigates impacts, enhances airport access, requires R/W
Intersection 51	Vista Del Mar at Imperial	AM PM AP (1)	0.971 E 0.577 B 0.698 B	1.294 F 0.918 E 1.083 F	Yes Yes No	1.018 F 0.703 B 0.698 B	Yes No No	Split phase E-W movements, add NB RT overlap phasing, plus ATCS	0.962 E 0.584 B 0.696 B	Mitigates impacts, enhances airport access, requires R/W
Intersection 52	La Cienega at Imperial	AM PM AP (1)	0.581 B 0.544 A 0.574 A	1.083 F 0.568 A 0.605 B	Yes No No	1.048 F 0.578 A 0.587 A	Yes No No	Restripe NB approach to provide 3 LT lanes, 1 TH lane, and 1 RT lane, restripe SB approach to convert TH/RT lane into RT lane with overlap phasing, add 4th WB TH lane, split phase NB/SB	0.698 B 0.651 B 0.731 C	Mitigates impacts, enhances airport access
Intersection 54	I-405 NB Ramps at Jefferson	AM PM AP (1)	0.845 D 0.821 E 0.733 C	0.898 D 0.983 E 0.725 C	Yes Yes No	0.893 D 0.974 E 0.732 C	Yes Yes No	Add 2nd LT lane on EB approach	0.740 C 0.841 D 0.684 B	Mitigates impacts, may require R/W
Intersection 57	Lincoln at Jefferson	AM PM AP (1)	1.408 F 1.187 F 0.835 D	1.484 F 1.292 F 0.870 D	Yes Yes No	1.418 F 1.281 F 0.865 D	Yes Yes No	Add 5th TH lane on NB approach	1.418 F 1.192 F 0.865 D	Mitigates impacts
Intersection 57	La Cienega at 111th	AM PM AP (1)	0.224 A 0.273 A 0.625 B	0.603 A 0.406 A 0.759 C	No No Yes	0.534 A 0.351 A 0.673 B	No No Yes	No additional mitigation necessary	0.534 A 0.351 A 0.673 B	Impacts mitigated by network/link improvements, enhances airport access
Intersection 72	La Cienega at Manchester	AM PM AP (1)	0.700 B 0.773 C 1.148 F	0.793 C 0.855 D 1.257 F	Yes Yes Yes	0.795 C 0.845 D 1.232 F	Yes Yes Yes	ATCS	0.725 C 0.775 C 1.182 F	Mitigates impacts
Intersection 78	I-405 NB Ramps at La Tijera	AM PM AP (1)	0.828 D 0.941 E 0.628 B	0.890 D 0.960 E 0.544 B	Yes Yes No	0.861 D 0.931 E 0.549 B	Yes No No	ATCS	0.831 D 0.901 D 0.619 B	Mitigates impacts

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Empl. V/C LOS	Adj. Empl. V/C LOS	Impact	Mill. NAMP V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 79	1405 SB Ramps at La Tijera	AM	0.745	C	0.911	D	Yes	0.784	C	No
		PM	0.939	E	0.979	E	Yes	0.980	E	Yes
		AP (1)	0.422	A	0.449	A	No	0.442	A	No
Intersection 82	La Tijera at Manchester	AM	0.836	B	0.775	C	Yes	0.768	C	Yes
		PM	0.783	C	0.939	E	Yes	0.940	E	Yes
		AP (1)	0.698	B	0.733	C	No	0.743	C	No
Intersection 83	Sepulveda at La Tijera	AM	0.889	D	0.988	E	Yes	0.942	E	Yes
		PM	0.910	E	1.051	F	Yes	1.061	F	Yes
		AP (1)	0.485	A	0.586	A	No	0.550	A	No
Intersection 87	Lincoln at 83rd	AM	1.131	F	1.128	F	No	1.182	F	Yes
		PM	1.482	F	1.928	F	Yes	1.894	F	Yes
		AP (1)	1.517	F	1.587	F	No	1.561	F	No
Intersection 88	Lincoln at Manchester	AM	0.792	C	1.021	F	Yes	1.074	F	Yes
		PM	1.543	F	2.164	F	Yes	2.202	F	Yes
		AP (1)	0.921	E	1.054	F	No	1.041	F	No
Intersection 94	Lincoln at Teche	AM	0.820	B	0.544	A	No	0.529	A	No
		PM	0.840	B	0.720	C	Yes	0.705	C	Yes
		AP (1)	0.458	A	0.456	A	No	0.464	A	No
Intersection 98	Parabank at Manchester	AM	0.492	A	0.534	A	No	0.532	A	No
		PM	0.610	B	0.815	D	Yes	0.806	D	Yes
		AP (1)	0.366	A	0.350	A	No	0.335	A	No
Intersection 99	Sepulveda at Manchester	AM	1.008	F	1.109	F	Yes	1.103	F	Yes
		PM	1.085	F	1.154	F	Yes	1.148	F	Yes
		AP (1)	0.688	D	0.962	E	No	0.949	E	No
Intersection 100	Sepulveda at Mariposa	AM	0.801	C	0.991	D	Yes	0.889	D	Yes
		PM	1.094	F	1.129	F	Yes	1.145	F	Yes
		AP (1)	1.204	F	1.191	F	No	1.184	F	No
Intersection 103	Sepulveda at Rosecrans	AM	1.845	F	1.870	F	Yes	1.882	F	Yes
		PM	1.692	F	1.780	F	Yes	1.753	F	Yes
		AP (1)	1.888	F	1.916	F	No	1.910	F	No
Intersection 105	Sepulveda at I-105 Off Ramp N/O Impaired	AM	1.252	F	1.401	F	Yes	1.414	F	Yes
		PM	1.023	F	1.117	F	Yes	1.115	F	Yes
		AP (1)	0.997	E	1.201	F	No	1.211	F	No
Intersection 108	Sepulveda at 78th/77th	AM	0.782	C	0.783	C	No	0.801	C	Yes
		PM	0.666	B	0.724	C	Yes	0.723	C	Yes
		AP (1)	0.722	C	0.750	C	No	0.748	C	No
Intersection 109	Sepulveda at Westchester	AM	0.840	D	0.863	D	Yes	0.879	D	Yes
		PM	0.991	E	1.022	F	Yes	1.031	F	Yes
		AP (1)	0.609	B	0.637	B	No	0.637	B	No
Intersection 111	La Cienega at 1405 SB Ramps N/O Century	AM	0.586	A	0.607	B	No	0.727	C	Yes
		PM	0.555	A	0.581	A	No	0.585	A	No
		AP (1)	0.688	B	0.685	B	No	0.670	B	No
Intersection 307	La Cienega at 1405 NB Off Ramp at Century	AM	0.728	C	0.824	D	Yes	0.831	D	Yes
		PM	0.804	A	0.701	B	Yes	0.693	B	No
		AP (1)	0.395	A	0.406	A	No	0.383	A	No
Intersection 312	La Cienega at El Segundo	AM	0.620	B	0.779	C	Yes	0.786	C	Yes
		PM	0.659	B	0.768	C	Yes	0.784	C	Yes
		AP (1)	0.484	A	0.505	A	No	0.498	A	No

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Bt/L	Adj. Bt/L	Adj. Bt/L	Adj. Bt/L	Adj. Bt/L	Adj. Bt/L	Improvements	Final V/C LOS	Comments
Link 4	Sepulveda s/o Venice	AM	NB/EB	0.870 D	0.877 D	No	0.875 D	No	ATCS at Sepulveda/Venice, and ATCS at Sepulveda/405 Ramps (0.03 improvement)	0.845 D	Intersection improvements mitigate link impacts
			SB/WB	0.734 C	0.740 C	No	0.729 C	No		0.699 B	
		PM	NB/EB	1.063 F	1.090 F	Yes	1.089 F	Yes		1.059 F	
			SB/WB	0.933 E	0.944 E	No	0.937 E	No		0.907 E	
		AP	NB/EB	0.827 D	0.837 D	No	0.824 D	No		0.794 C	
Link 5	Overland s/o Venice		SB/WB	0.992 E	0.990 E	No	0.986 E	No	No additional mitigation necessary	0.956 E	Impacts mitigated by network/link improvements
		AM	NB/EB	0.876 D	0.900 D	Yes	0.875 D	No		0.875 D	
			SB/WB	0.962 E	1.006 F	Yes	0.977 E	No		0.977 E	
		PM	NB/EB	0.903 D	0.909 E	No	0.905 D	No		0.905 D	
			SB/WB	1.185 F	1.182 F	No	1.163 F	No		1.163 F	
Link 8	Centinela s/o La Brea	AP	NB/EB	0.877 D	0.871 D	No	0.877 D	No	ATSAC at Centinela/La Brea, and ATSAC at Centinela/Florence (0.07 improvement)	0.877 D	Intersection improvements mitigate link impacts
			SB/WB	1.024 F	1.052 F	No	1.039 F	No		1.039 F	
		AM	NB/EB	0.448 A	0.510 A	No	0.494 A	No		0.424 A	
			SB/WB	0.963 E	1.025 F	Yes	1.004 E	Yes		0.934 E	
		PM	NB/EB	0.721 C	0.768 C	No	0.757 C	No		0.687 B	
Link 14	Aviation s/o Rosecrans		SB/WB	1.208 F	1.249 F	Yes	1.232 F	Yes	ATSAC at Aviation/El Segundo, and ATSAC at Aviation/Rosecrans (0.07 improvement)	1.162 F	Intersection improvements mitigate link impacts
		AP	NB/EB	0.779 C	0.788 C	No	0.778 C	No		0.708 C	
			SB/WB	0.619 B	0.627 B	No	0.620 B	No		0.550 A	
		AM	NB/EB	0.693 B	0.741 C	No	0.730 C	No		0.660 B	
			SB/WB	0.234 A	0.228 A	No	0.225 A	No		0.155 A	
Link 15	Sepulveda s/o Rosecrans	PM	NB/EB	0.490 A	0.481 A	No	0.458 A	No	ATSAC at Sepulveda/El Segundo, and ATSAC at Sepulveda/Rosecrans (0.07 improvement)	0.388 A	Intersection improvements mitigate link impacts
			SB/WB	0.759 C	0.813 D	Yes	0.821 D	Yes		0.751 C	
		AP	NB/EB	0.410 A	0.435 A	No	0.424 A	No		0.354 A	
			SB/WB	0.317 A	0.344 A	No	0.326 A	No		0.256 A	
		AM	NB/EB	0.935 E	1.028 F	Yes	1.033 F	Yes		0.863 E	
Link 20	Jefferson s/o Lincoln		SB/WB	0.269 A	0.273 A	No	0.274 A	No	ATCS at Lincoln/Jefferson, and ATCS at Jefferson/Centinel (0.03 improvement)	0.204 A	Intersection improvements mitigate link impacts (resultant LOS is within LOS E)
		PM	NB/EB	0.471 A	0.475 A	No	0.471 A	No		0.401 A	
			SB/WB	0.879 D	0.902 D	Yes	0.907 E	Yes		0.837 D	
		AP	NB/EB	0.515 A	0.537 A	No	0.537 A	No		0.487 A	
			SB/WB	0.550 A	0.540 A	No	0.543 A	No		0.473 A	
Link 21	Lincoln s/o Jefferson	AM	NB/EB	0.762 C	0.832 D	Yes	0.798 C	No	No additional mitigation necessary	0.709 C	Resultant LOS is within LOS E
			SB/WB	0.335 A	0.518 A	No	0.495 A	No		0.465 A	
		PM	NB/EB	0.478 A	0.606 B	No	0.614 B	No		0.584 A	
			SB/WB	0.927 E	1.015 F	Yes	1.017 F	Yes		0.987 E	
		AP	NB/EB	0.274 A	0.287 A	No	0.292 A	No		0.262 A	
Link 21	Lincoln s/o Jefferson		SB/WB	0.299 A	0.333 A	No	0.342 A	No	No additional mitigation necessary	0.312 A	Resultant LOS is within LOS E
		AM	NB/EB	0.828 D	0.717 C	No	0.707 C	No		0.707 C	
			SB/WB	0.410 A	0.399 A	No	0.404 A	No		0.404 A	
		PM	NB/EB	0.911 E	0.968 E	Yes	0.991 E	Yes		0.961 E	
			SB/WB	0.675 B	0.672 B	No	0.668 B	No		0.668 B	
Link 21	Lincoln s/o Jefferson	AP	NB/EB	0.811 B	0.832 B	No	0.818 B	No	No additional mitigation necessary	0.818 B	Resultant LOS is within LOS E
			SB/WB	0.839 B	0.658 B	No	0.652 B	No		0.652 B	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 NO ACTION/NO PROJECT ALTERNATIVE FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Act. Ent. V/C	Ent. LOS	Alt. NAMP V/C	Alt. LOS	Impact	MIL NAMP V/C	NAMP LOS	Impact	Improvements	Final V/C	Final LOS	Comments
Link 26	Sepulveda s/o Sherman	AM	NB/EB	0.901	D	0.921	E	Yes	0.911	E	No	0.911	E	Impacts mitigated by network/link improvements
			SB/AB	0.399	A	0.433	A	No	0.424	A	No	0.424	A	
		PM	NB/EB	0.742	C	0.809	D	Yes	0.792	C	No	0.792	C	
			SB/AB	0.928	D	0.835	D	No	0.823	D	No	0.823	D	
		AP	NB/EB	0.540	A	0.554	A	No	0.541	A	No	0.541	A	
			SB/AB	0.515	A	0.521	A	No	0.500	A	No	0.500	A	
Link 27	Centinela w/o Sepulveda	AM	NB/EB	0.405	A	0.549	A	No	0.521	A	No	0.491	A	Intersection improvements mitigate link impacts (resultant LOS is within LOS E)
			SB/AB	0.945	E	1.027	F	Yes	1.024	F	Yes	0.994	E	
		PM	NB/EB	0.864	D	0.895	D	No	0.887	D	No	0.857	D	
			SB/AB	0.592	B	0.796	C	Yes	0.776	C	Yes	0.746	C	
		AP	NB/EB	0.546	A	0.587	A	No	0.582	A	No	0.552	A	
			SB/AB	0.909	D	0.836	D	No	0.827	D	No	0.797	C	
Link 28	El Segundo w/o Hawthorne	AM	NB/EB	0.183	A	0.181	A	No	0.184	A	No	0.184	A	Resultant LOS is within LOS E
			SB/AB	0.518	A	0.587	A	No	0.582	A	No	0.582	A	
		PM	NB/EB	0.794	C	0.873	D	Yes	0.868	D	Yes	0.868	D	
			SB/AB	0.397	A	0.417	A	No	0.405	A	No	0.405	A	
		AP	NB/EB	0.698	B	0.703	B	No	0.703	B	No	0.703	B	
			SB/AB	0.888	D	0.928	E	Yes	0.919	E	Yes	0.919	E	
Link 29	Inglewood s/o Rosecrans	AM	NB/EB	0.484	A	0.558	A	No	0.559	A	No	0.558	A	Resultant LOS is within LOS D
			SB/AB	0.378	A	0.385	A	No	0.401	A	No	0.401	A	
		PM	NB/EB	0.502	A	0.554	A	Yes	0.547	A	No	0.547	A	
			SB/AB	0.828	D	0.870	D	No	0.874	D	Yes	0.874	D	
		AP	NB/EB	0.509	A	0.554	A	No	0.542	A	No	0.542	A	
			SB/AB	0.339	A	0.352	A	No	0.341	A	No	0.341	A	
Link 30	Van Nuys w/o Grand	AM	NB/EB	0.854	D	0.803	D	Yes	0.907	E	Yes	0.907	E	Resultant LOS is within LOS E
			SB/AB	0.153	A	0.150	A	No	0.155	A	No	0.155	A	
		PM	NB/EB	0.218	A	0.219	A	No	0.219	A	No	0.219	A	
			SB/AB	0.581	A	0.611	B	No	0.610	B	No	0.610	B	
		AP	NB/EB	0.318	A	0.323	A	No	0.321	A	No	0.321	A	
			SB/AB	0.223	A	0.228	A	No	0.223	A	No	0.223	A	

Source:

Prepared By: Barton-Ackman Associates, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.



## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 7	Aviation at Arbor Vitae	AM	0.683 B	1.607 F	Yes	Add 2nd LT and a LT/TH lane on NB approach, a free-flow RT lane on EB approach, 2nd LT lane on WB approach, and a separate RT lane on SB approach, split phase N-S, plus ATCS	0.907 E	Temporarily unmitigated, enhances airport access
		PM	0.769 C	1.789 F	Yes		0.900 D	
		AP(1)	0.703 C	1.683 F	Yes		1.013 F	
Intersection 8	La Cienega at Arbor Vitae	AM	0.739 C	1.441 F	Yes	Add a separate RT lane SB approach, add 2nd LT lane on EB and NB approaches, add 1 LT/TH lane on NB approach, split phase N-S movements, ATSAC, plus ATCS	0.762 C	Mitigates impacts, enhances airport access
		PM	0.699 B	0.963 E	Yes		0.715 C	
		AP(1)	0.787 C	1.215 F	Yes		0.816 D	
Intersection 11	Aviation at Century	AM	0.826 D	1.491 F	Yes	Add 2nd LT lane on EB approach, add 2nd RT lane on SB approach, plus ATCS	0.867 D	Temporarily unmitigated AM only, enhances airport access
		PM	1.025 F	1.046 F	Yes		1.016 F	
		AP(1)	1.769 F	1.523 F	No		1.034 F	
Intersection 12	Aviation at El Segundo	AM	0.960 E	0.977 E	Yes	ATSAC	0.907 E	Mitigates impacts, enhances airport access
		PM	0.985 E	1.023 F	Yes		0.953 E	
		AP(1)	0.890 D	1.036 F	No		0.968 E	
Intersection 13	Aviation at Imperial	AM	0.972 E	0.939 E	No	Temporarily restripe NB TH/RT lane as RT only lane	0.737 C	Mitigates impacts, enhances airport access
		PM	1.319 F	1.342 F	Yes		1.144 F	
		AP(1)	1.235 F	1.117 F	No		1.135 F	
Intersection 15	Aviation at Rosecrans	AM	1.224 F	1.248 F	Yes	ATSAC	1.178 F	Mitigates impacts
		PM	1.472 F	1.494 F	Yes		1.424 F	
		AP(1)	1.332 F	1.384 F	No		1.314 F	
Intersection 18	Centinela at Jefferson	AM	0.993 E	0.896 D	No	Temporarily add SB RT overlap phasing, temporarily restripe WB RT only lane as TH/RT lane	0.701 C	Mitigates impacts
		PM	1.051 F	1.175 F	Yes		0.975 E	
		AP(1)	0.897 D	1.023 F	No		1.023 F	
Intersection 26	La Cienega at Century	AM	0.736 C	0.886 D	Yes	Add 1 RT only lane on westbound approach, plus ATCS	0.773 C	Temporarily unmitigated PM only, enhances airport access
		PM	0.720 C	0.847 D	Yes		0.817 D	
		AP(1)	0.534 A	0.692 B	No		0.644 B	
Intersection 36	Vista Del Mar at Grand	AM	0.835 D	0.932 E	Yes	Temporarily restripe WB LT/TH lane as TH/RT lane	0.841 D	Mitigates impacts
		PM	0.471 A	0.669 B	No		0.553 A	
		AP(1)	0.467 A	0.714 C	No		0.635 B	
Intersection 40	La Cienega at Florence	AM	0.717 C	0.757 C	Yes	Temporarily modify E-W LT phasing to permissive only phasing, and temporarily restripe WB approach to add a separate RT lane	0.745 C	Temporarily unmitigated PM only
		PM	0.922 E	1.036 F	Yes		0.964 E	
		AP(1)	1.407 F	1.451 F	Yes		1.368 F	
Intersection 44	Sepulveda at Howard Hughes Pkwy	AM	0.726 C	0.786 C	Yes	Add 4th TH lane on NB approach	0.548 B	Mitigates impacts
		PM	0.797 C	0.752 C	No		0.663 B	
		AP(1)	0.628 B	0.628 B	No		0.545 A	
Intersection 45	I-105 Fwy/Continental City Drive at Imperial	AM	0.685 B	0.789 C	Yes	Temporarily restripe 2nd LT lane on WB approach as a TH lane	0.716 C	Mitigates impacts
		PM	0.792 C	0.668 B	No		0.712 C	
		AP(1)	0.793 C	0.736 C	No		0.746 C	
Intersection 50	Sepulveda at Imperial	AM	0.723 C	1.129 F	Yes	Make EB RT lane a free-flow lane	0.701 C	Temporarily unmitigated PM only, enhances airport access
		PM	0.947 E	1.508 F	Yes		0.969 E	
		AP(1)	0.791 C	0.777 C	No		0.777 C	

## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 51	Vista Del Mar at Imperial	AM	0.818 D	1.165 F	Yes	Temporarily retain NB RT lane as a free-flow lane	0.550 A	Mitigates impacts, enhances airport access
		PM	0.540 A	0.770 C	Yes		0.634 B	
		AP(1)	0.571 A	0.511 A	No		0.423 A	
Intersection 54	I-405 NB Ramps at Jefferson	AM	0.762 C	0.749 C	No	Temporarily restripe 1 EB TH lane as a LT lane	0.631 B	Mitigates impacts
		PM	0.848 D	0.878 D	Yes		0.747 C	
		AP(1)	0.642 B	0.628 B	No		0.583 A	
Intersection 57	Lincoln at Jefferson	AM	0.895 D	0.890 E	Yes	Restripe 1 NB TH lane as a TH/RT lane, modify NB RT overlap phasing to Auto RT	0.886 D	Mitigates impacts
		PM	1.193 F	1.072 F	No		1.135 F	
		AP(1)	0.878 D	0.784 C	No		0.784 C	
Intersection 72	La Glenega at Manchester	AM	0.673 B	0.683 B	No	Temporarily add 1 NB RT only lane	0.628 B	Mitigates impacts
		PM	0.763 C	0.732 C	No		0.697 B	
		AP(1)	1.012 F	1.027 F	Yes		1.002 E	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.862 D	0.901 E	Yes	Restripe EB approach to add 2nd LT lane	0.771 C	Mitigates impacts
		PM	0.929 E	0.945 E	No		0.812 D	
		AP(1)	0.595 A	0.573 A	No		0.443 A	
Intersection 81	Lincoln at La Tijera	AM	0.416 A	0.609 B	No	Add 4th TH lane on SB approach	0.609 B	Mitigates impacts
		PM	0.566 A	0.783 C	Yes		0.641 B	
		AP(1)	0.294 A	0.835 D	No		0.736 C	
Intersection 83	Sepulveda at La Tijera	AM	0.785 C	1.423 F	Yes	Add 2nd LT and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB, plus ATCS	0.894 D	Temporarily unmitigated AM and PM
		PM	0.694 B	1.351 F	Yes		0.883 D	
		AP(1)	0.430 A	0.517 A	No		0.346 A	
Intersection 87	Lincoln at 83rd	AM	0.993 E	1.123 F	Yes	Add 2nd LT lane on EB approach	0.935 E	Mitigates impacts
		PM	1.096 F	1.137 F	Yes		1.071 F	
		AP(1)	1.274 F	1.390 F	No		1.253 F	
Intersection 88	Lincoln at Manchester	AM	0.710 C	0.750 C	No	Temporarily add a RT lane on SB approach, temporarily add 2nd LT lane on EB approach, split phase E-W, plus ATCS	0.725 C	Temporarily unmitigated PM only, enhances airport access
		PM	1.014 F	1.306 F	Yes		1.088 F	
		AP(1)	0.830 D	0.959 E	No		0.977 E	
Intersection 98	Pershing at Manchester	AM	0.444 A	0.542 A	No	Add 2nd LT lane on SB approach, temporarily add a RT lane on NB approach, plus ATCS	0.464 A	Mitigates impacts
		PM	0.557 A	1.349 F	Yes		0.701 C	
		AP(1)	0.280 A	0.313 A	No		0.209 A	
Intersection 99	Sepulveda at Manchester	AM	0.931 E	1.044 F	Yes	Restripe WB approach to provide a separate RT lane	0.916 E	Mitigates impacts
		PM	0.945 E	0.981 E	Yes		0.925 E	
		AP(1)	0.821 D	0.799 C	No		0.799 C	
Intersection 100	Sepulveda at Mariposa	AM	0.746 C	0.793 C	Yes	Restripe NB to provide 2nd LT lane, add separate RT lane on EB approach	0.759 C	Mitigates impacts
		PM	0.962 E	1.275 F	Yes		0.968 E	
		AP(1)	1.083 F	1.455 F	No		1.051 D	

## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 106	Sepulveda at 76th/77th	AM	0.711 C	0.847 D	Yes	Add separate RT lane on WB approach, plus ATCS	0.756 C	Temporarily unmitigated AM only, enhances airport access
		PM	0.639 B	0.683 B	No		0.601 B	
		AP(1)	0.668 B	0.658 B	No		0.602 B	
Intersection 111	La Cienega at I-405 SB ramp n/o Century	AM	0.719 C	0.815 D	Yes	ATCS, plus temporarily add a separate RT lane on WB approach	0.785 C	Temporarily unmitigated AM and AP, enhances airport access
		PM	0.587 A	0.674 B	No		0.644 B	
		AP(1)	0.758 C	0.991 E	Yes		0.900 D	

## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mt. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 4	Sepulveda s/o Venice Bl	AM	NB/EB 0.880 D	0.900 D	Yes	No additional improvements necessary	0.900 D	Resultant LOS is within LOS D
			SB/WB 0.638 B	0.607 B	No		0.607 B	
		PM	NB/EB 0.849 D	0.859 D	No		0.859 D	
			SB/WB 0.853 D	0.837 D	No		0.837 D	
		AP	NB/EB 0.787 C	0.877 D	No		0.877 D	
			SB/WB 0.896 D	0.857 D	No		0.857 D	
Link 21	Lincoln s/o Jefferson	AM	NB/EB 0.705 C	0.834 D	Yes	No additional improvements necessary	0.834 D	Resultant LOS is within LOS D
			SB/WB 0.379 A	0.372 A	No		0.372 A	
		PM	NB/EB 0.812 D	0.805 D	No		0.805 D	
			SB/WB 0.626 B	0.677 B	No		0.677 B	
		AP	NB/EB 0.547 A	0.585 A	No		0.585 A	
			SB/WB 0.593 A	0.584 A	No		0.584 A	
Link 22	Lincoln w/o Jefferson	AM	NB/EB 0.706 C	0.590 A	No	No additional improvements necessary	0.590 A	Resultant LOS is within LOS D
			SB/WB 0.246 A	0.244 A	No		0.244 A	
		PM	NB/EB 0.432 A	0.391 A	No		0.391 A	
			SB/WB 0.757 C	0.811 D	Yes		0.811 D	
		AP	NB/EB 0.379 A	0.363 A	No		0.363 A	
			SB/WB 0.407 A	0.411 A	No		0.411 A	
Link 28	El Segundo w/o Hawthorne	AM	NB/EB 0.193 A	0.198 A	No	No additional improvements necessary	0.198 A	Resultant LOS is within LOS D
			SB/WB 0.493 A	0.506 A	No		0.506 A	
		PM	NB/EB 0.718 C	0.743 C	No		0.743 C	
			SB/WB 0.371 A	0.397 A	No		0.397 A	
		AP	NB/EB 0.661 B	0.689 B	No		0.689 B	
			SB/WB 0.808 D	0.849 D	Yes		0.849 D	

Source:

Prepared By: Parsons Transportation Group, Inc.

Notes:

- (1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 8	La Cienega at Arbor Vitae	AM	0.873 D	1.614 F	Yes	Add separate RT lane on EB and SB approaches, add a TH lane on WB approach, add 2nd LT lane on EB and NB approaches, add 1 LT/TH lane on NB approach, split phase N-S, ATSAC plus ATCS.	0.840 D	Mitigates impacts, enhances airport access
		PM	0.847 D	1.395 F	Yes		0.845 D	
		AP(1)	0.908 E	1.121 F	No		0.949 E	
Intersection 11	Aviation at Century	AM	0.941 E	1.363 F	Yes	Add RT lane on WB approach, add 2nd LT lane on EB approach, make RT lane on SB approach free flow	0.918 E	Mitigates impacts, enhances airport access
		PM	1.094 F	1.169 F	Yes		1.100 F	
		AP(1)	1.846 F	1.894 F	No		1.364 F	
Intersection 12	Aviation at El Segundo	AM	1.080 F	1.167 F	Yes	ATSAC	1.097 F	Mitigates impacts, enhances airport access
		PM	1.084 F	1.117 F	Yes		1.047 F	
		AP(1)	1.062 F	1.183 F	No		1.113 F	
Intersection 15	Aviation at Rosecrans	AM	1.331 F	1.367 F	Yes	ATSAC	1.297 F	Mitigates impacts
		PM	1.650 F	1.673 F	Yes		1.603 F	
		AP(1)	1.608 F	1.692 F	No		1.622 F	
Intersection 22	Sepulveda at Centinela Ave.	AM	1.460 F	1.505 F	Yes	ATSAC	1.435 F	Mitigates impacts, enhances airport access
		PM	1.266 F	1.305 F	Yes		1.235 F	
		AP(1)	1.013 F	1.027 F	No		0.957 E	
Intersection 26	La Cienega at Century	AM	0.772 C	1.131 F	Yes	Add 2nd LT lane on EB approach, add 1 RT only lane on westbound approach, plus ATCS	0.739 C	Mitigates impacts, enhances airport access
		PM	0.817 D	1.046 F	Yes		0.816 D	
		AP(1)	0.589 A	0.914 E	No		0.884 D	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.754 C	0.943 E	Yes	Add 4th TH lane on NB approach	0.770 C	Mitigates impacts
		PM	0.966 E	0.932 E	No		0.823 D	
		AP(1)	0.755 C	0.742 C	No		0.649 B	
Intersection 48	I-105 WB Off/Nash at Imperial	AM	1.270 F	1.223 F	No	ATCS	1.193 F	Mitigates impacts, enhances airport access
		PM	0.612 B	0.714 C	Yes		0.684 B	
		AP(1)	0.446 A	0.398 A	No		0.368 A	
Intersection 50	Sepulveda at Imperial	AM	0.812 D	1.049 F	Yes	Make EB RT lane free-flow, add 2nd LT lane on NB approach	0.763 C	Mitigates impacts, enhances airport access
		PM	1.058 F	1.631 F	Yes		1.066 F	
		AP(1)	0.846 D	0.926 E	No		0.755 C	
Intersection 71	La Cienega at Lennox Blvd.	AM	0.393 A	0.678 B	No	Restripe WB approach for 1 LT, 1 TH and 1 RT lane, plus ATCS	0.642 B	Mitigates impacts
		PM	0.534 A	0.797 C	Yes		0.722 C	
		AP(1)	0.684 D	0.899 D	No		0.868 D	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.829 D	0.994 E	Yes	Restripe EB approach to add 2nd LT lane	0.819 D	Mitigates impacts, enhances airport access
		PM	0.955 E	0.845 D	No		0.715 C	
		AP(1)	0.601 B	0.467 A	No		0.381 A	
Intersection 79	I-405 SB Ramps at La Tijera	AM	0.728 C	0.750 C	No	Add 2nd LT lane on WB approach	0.568 A	Mitigates impacts, enhances airport access
		PM	0.926 E	0.962 E	Yes		0.765 C	
		AP(1)	0.451 A	0.614 B	No		0.601 B	
Intersection 81	Lincoln at La Tijera	AM	0.516 A	0.910 E	Yes	Add 2 TH lanes on SB approach, add 2 TH lane on NB approach, add 2nd RT lane on EB approach, modify SB, EB, WB LT phasing to permissive, plus ATCS	0.570 A	Mitigates impacts
		PM	0.576 A	1.279 F	Yes		0.704 C	
		AP(1)	0.422 A	1.022 F	No		0.568 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 8	La Cienega at Arbor Vitae	AM	0.873 D	1.614 F	Yes	Add separate RT lane on EB and SB approaches, add a LF lane on WB approach, add 2nd LT lane on EB and NB approaches, add 1 LT/TH lane on NB approach, split phase N-S, ATCSAC plus ATCS.	0.840 D	Mitigates impacts, enhances airport access
		PM	0.847 D	1.395 F	Yes		0.845 D	
		AP(1)	0.908 E	1.121 F	No		0.949 E	
Intersection 11	Aviation at Century	AM	0.941 E	1.363 F	Yes	Add RT lane on WB approach, add 2nd LT lane on EB approach, make RT lane on SB approach free flow	0.918 E	Mitigates impacts, enhances airport access
		PM	1.094 F	1.169 F	Yes		1.100 F	
		AP(1)	1.845 F	1.894 F	No		1.354 F	
Intersection 12	Aviation at El Segundo	AM	1.090 F	1.167 F	Yes	ATSAC	1.097 F	Mitigates impacts, enhances airport access
		PM	1.084 F	1.117 F	Yes		1.047 F	
		AP(1)	1.062 F	1.183 F	No		1.113 F	
Intersection 15	Aviation at Rosecrans	AM	1.331 F	1.367 F	Yes	ATSAC	1.297 F	Mitigates impacts
		PM	1.650 F	1.573 F	Yes		1.609 F	
		AP(1)	1.609 F	1.692 F	No		1.622 F	
Intersection 22	Sepulveda at Centinela Ave.	AM	1.460 F	1.625 F	Yes	ATSAC	1.435 F	Mitigates impacts, enhances airport access
		PM	1.266 F	1.305 F	Yes		1.235 F	
		AP(1)	1.613 F	1.027 F	No		0.957 E	
Intersection 26	La Cienega at Century	AM	0.772 C	1.131 F	Yes	Add 2nd LT lane on EB approach, add 1 RT only lane on westbound approach, plus ATCS	0.739 C	Mitigates impacts, enhances airport access
		PM	0.817 D	1.046 F	Yes		0.816 D	
		AP(1)	0.599 A	0.914 C	No		0.694 D	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.754 C	0.943 E	Yes	Add 4th TH lane on NB approach	0.770 C	Mitigates impacts
		PM	0.966 E	0.932 E	No		0.823 D	
		AP(1)	0.755 C	0.742 C	No		0.649 B	
Intersection 48	I-105 WB Off/Nash at Imperial	AM	1.270 F	1.223 F	No	ATCS	1.193 F	Mitigates impacts, enhances airport access
		PM	0.612 B	0.714 C	Yes		0.684 B	
		AP(1)	0.445 A	0.399 A	No		0.368 A	
Intersection 50	Sepulveda at Imperial	AM	0.812 D	1.049 F	Yes	Make EB RT lane free-flow, add 2nd LT lane on NB approach	0.763 C	Mitigates impacts, enhances airport access
		PM	1.058 F	1.631 F	Yes		1.366 F	
		AP(1)	0.846 D	0.926 E	No		0.755 C	
Intersection 71	La Cienega at Lennox Blvd.	AM	0.393 A	0.578 B	No	Restripe WB approach for 1 LT, 1 TH and 1 RT lane, plus ATCS	0.642 B	Mitigates impacts
		PM	0.534 A	0.797 C	Yes		0.722 C	
		AP(1)	0.884 D	0.898 D	No		0.898 D	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.829 D	0.994 E	Yes	Restripe EB approach to add 2nd LT lane	0.819 D	Mitigates impacts, enhances airport access
		PM	0.955 E	0.845 D	No		0.716 C	
		AP(1)	0.601 B	0.457 A	No		0.381 A	
Intersection 79	I-405 SB Ramps at La Tijera	AM	0.728 C	0.760 C	No	Add 2nd LT lane on WB approach	0.588 A	Mitigates impacts, enhances airport access
		PM	0.926 E	0.962 E	Yes		0.765 C	
		AP(1)	0.451 A	0.614 B	No		0.601 B	
Intersection 81	Lincoln at La Tijera	AM	0.516 A	0.910 E	Yes	Add 2 TH lanes on SB approach, add 2 TH lane on NB approach, add 2nd RT lane on EB approach, modify SB, EB, WB LT phasing to permissive, plus ATCS	0.570 A	Mitigates impacts
		PM	0.576 A	1.279 F	Yes		0.704 C	
		AP(1)	0.422 A	1.022 F	No		0.568 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 83	Sepulveda at La Tijera	AM	0.842 D	1.244 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB, plus ATCS	0.843 D	Mitigates impacts, enhances airport access
		PM	0.913 E	1.376 F	Yes		0.972 D	
		AP(1)	0.479 A	0.632 B	No		0.374 A	
Intersection 87	Lincoln at 83rd	AM	1.217 F	1.297 F	Yes	Add 2nd LT lane on EB approach	1.176 F	Mitigates impacts
		PM	1.480 F	1.583 F	Yes		1.476 F	
		AP(1)	1.550 F	1.589 F	No		1.444 F	
Intersection 88	Lincoln at Manchester	AM	0.845 D	1.048 F	Yes	Add 2nd LT Lane on SB & WB approaches, add separate RT lane on NB approach, add LT phase for EW movements, make RT lane on WB approach a free-flow, plus ATCS	0.857 D	Mitigates impacts, enhances airport access
		PM	1.514 F	1.687 F	Yes		1.291 F	
		AP(1)	0.945 E	1.200 F	No		0.860 D	
Intersection 94	Lincoln at Teale	AM	0.669 B	0.811 D	Yes	Add a TH lane on NB approach	0.653 B	Mitigates impacts
		PM	0.635 B	0.622 B	No		0.489 A	
		AP(1)	0.468 A	0.499 A	No		0.403 A	
Intersection 98	Pershing at Manchester	AM	0.487 A	0.494 A	No	Add 2nd LT lane on SB approach, plus ATCS	0.464 A	Mitigates impacts
		PM	0.622 B	1.031 F	Yes		0.729 C	
		AP(1)	0.380 A	0.227 A	No		0.196 A	
Intersection 99	Sepulveda at Manchester	AM	1.038 F	1.206 F	Yes	Restripe WB approach to provide a separate RT lane, plus ATCS	1.035 F	Mitigates impacts
		PM	1.076 F	1.036 F	No		1.005 F	
		AP(1)	0.906 E	0.833 D	No		0.803 D	
Intersection 100	Sepulveda at Mariposa	AM	0.815 D	0.905 E	Yes	Restripe NB to provide 2nd LT lane, add separate RT lane on EB approach, ATCS	0.782 C	Mitigates impacts
		PM	1.083 F	1.495 F	Yes		1.035 F	
		AP(1)	1.166 F	1.594 F	No		1.060 D	
Intersection 101	Pershing at Westchester Pkwy	AM	0.342 A	0.589 A	No	ATCS	0.569 A	Mitigates impacts
		PM	0.316 A	0.762 C	Yes		0.732 C	
		AP(1)	0.142 A	0.481 A	No		0.451 A	
Intersection 103	Sepulveda at Rosecrans	AM	1.703 F	1.655 F	No	ATCS	1.595 F	Enhances airport access
		PM	1.700 F	1.742 F	Yes		1.672 F	
		AP(1)	1.689 F	1.930 F	No		1.859 F	
Intersection 106	Sepulveda at 75th/77th	AM	0.785 C	0.942 E	Yes	Add separate RT lane on NB approach, add 1 TH and 1 RT lane on WB approach, plus ATCS	0.809 D	Mitigates impacts
		PM	0.670 B	0.637 B	No		0.544 A	
		AP(1)	0.719 C	0.646 B	No		0.570 A	
Intersection 111	La Cienega at I-405 SB Ramps N/O Century	AM	0.598 A	0.723 C	Yes	ATCS	0.693 B	Mitigates impacts, enhances airport access
		PM	0.587 A	0.657 B	No		0.627 B	
		AP(1)	0.663 B	0.665 B	No		0.655 B	
Intersection 307	I-405 NB Off-ramp at Century	AM	0.752 C	0.807 D	Yes	ATCS	0.737 C	Mitigates impacts
		PM	0.602 B	0.652 B	No		0.582 A	
		AP(1)	0.407 A	0.445 A	No		0.375 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 1	Lincoln s/o Venice Blvd.	AM NB/FB	0.767 C	0.793 C	No	No additional mitigation necessary	0.793 C	Resultant LOS is within LOS E
		SB/WB	0.894 D	0.906 E	No		0.906 E	
		PM NB/EB	0.979 E	0.971 E	No		0.971 E	
		SB/WB	0.933 E	0.953 E	Yes		0.933 E	
		AP NB/EB	0.762 C	0.795 C	No		0.795 C	
		SB/WB	0.802 D	0.807 D	No		0.807 D	
Link 2	Centinela s/o Venice	AM NB/FB	0.961 E	0.985 E	Yes	No additional mitigation necessary	0.985 E	Resultant LOS is within LOS E
		SB/WB	0.640 B	0.659 B	No		0.659 B	
		PM NB/EB	0.836 D	0.849 D	No		0.849 D	
		SB/WB	0.937 E	0.971 E	Yes		0.971 E	
		AP NB/EB	0.767 C	0.794 C	No		0.794 C	
		SB/WB	0.872 D	0.875 D	No		0.875 D	
Link 4	Sepulveda s/o Venice	AM NB/EB	0.919 E	0.925 E	No	ATCS at Sepulveda/Venice, and ATCS at Sepulveda/I-405 Ramps (0.03 improvement)	0.895 D	Intersection improvements mitigate link impacts
		SB/WB	0.706 C	0.720 C	No		0.690 B	
		PM NB/EB	1.070 F	1.074 F	No		1.044 F	
		SB/WB	0.964 E	0.997 E	Yes		0.967 E	
		AP NB/EB	0.855 D	0.862 D	No		0.832 D	
		SB/WB	0.965 E	0.980 E	No		0.950 E	
Link 5	Overland s/o Venice	AM NB/FB	0.950 E	0.981 E	Yes	ATCS at Overland/Venice, and ATCS at Overland/Washington Bl (0.03 improvement)	0.951 E	Intersection improvements mitigate link impacts
		SB/WB	0.957 E	0.965 E	No		0.935 E	
		PM NB/EB	0.893 D	0.905 E	No		0.876 D	
		SB/WB	1.189 F	1.219 F	Yes		1.189 F	
		AP NB/FB	0.887 D	0.912 E	No		0.882 D	
		SB/WB	1.024 F	1.034 F	No		1.004 E	
Link 21	Lincoln s/o Jefferson	AM NB/FB	0.909 E	1.100 F	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln and Teale (0.03 improvement)	1.070 F	Intersection improvements mitigate link impacts. Transit improvements, in terms of adding number of busses during AM peak hour are required to lower resultant increase in V/C ratio within 0.05 at LOS E or F
		SB/WB	0.400 A	0.384 A	No		0.354 A	
		PM NB/EB	0.904 E	0.902 E	No		0.872 D	
		SB/WB	0.691 B	0.718 C	No		0.688 B	
		AP NB/EB	0.621 B	0.659 B	No		0.629 B	
		SB/WB	0.637 B	0.631 B	No		0.601 B	
Link 26	Sepulveda s/o Slauson	AM NB/EB	0.949 E	1.026 F	Yes	No additional mitigation necessary	1.026 F	Resultant increase in V/C ratio is less than 0.05 within LOS F
		SB/WB	0.430 A	0.394 A	No		0.394 A	
		PM NB/EB	0.742 C	0.732 C	No		0.732 C	
		SB/WB	0.845 D	0.844 D	No		0.844 D	
		AP NB/EB	0.552 A	0.526 A	No		0.526 A	
		SB/WB	0.487 A	0.484 A	No		0.484 A	



## Los Angeles International Airport Master Plan

## PHASE 3F: FRAMEWORK 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	Adj. Env. V/C LOS	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 27	Centinela w/o Sepulveda	AM NB/EB	0.385 A	0.433 A	No	No additional mitigation necessary	0.433 A	Resultant increase in V/C ratio is less than 0.05 within LOS F
		SB/WB	0.996 E	1.033 F	Yes		1.033 F	
		PM NB/EB	0.876 D	0.882 D	No		0.882 D	
		SB/WB	0.687 B	0.761 C	No		0.761 C	
		AP NB/EB	0.567 A	0.575 A	No		0.575 A	
		SB/WB	0.836 D	0.810 D	No		0.810 D	
Link 28	El Segundo w/o Hawthorne	AM NB/EB	0.191 A	0.205 A	No	No additional mitigation necessary	0.205 A	Resultant LOS is within LOS E
		SB/WB	0.531 A	0.533 A	No		0.533 A	
		PM NB/EB	0.801 D	0.808 D	No		0.808 D	
		SB/WB	0.391 A	0.403 A	No		0.403 A	
		AP NB/EB	0.691 B	0.698 B	No		0.698 B	
		SB/WB	0.887 D	0.907 E	Yes		0.907 E	

## Source:

Prepared By: Parsons Transportation Group, Inc.

## Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	N/A/NP		V/C		Alt. A		V/C		Impact	M/L Alt. A		Impact	Improvements	Final		Comments
			LOS		LOS		LOS		V/C	LOS		V/C	V/C			LOS		
Intersection 4	Airport at Century	AM	0.526	A	0.829	D	Yes	0.742	C	Yes	Restripe SB approach to add 2nd RT lane	0.675	B	Mitigates impacts, enhances airport access				
		PM	0.569	A	0.732	C	Yes	0.660	B	No		0.660	B					
		AP (1)	0.720	C	1.042	F	No	1.033	F	No		0.728	C					
Intersection 6	Airport at Manchester	AM	0.847	D	0.735	C	No	0.589	B	No	Add a RT lane on EB approach	0.689	B	Mitigates impacts				
		PM	0.765	C	0.721	C	No	0.540	B	No		0.615	B					
		AP (1)	0.883	D	0.950	E	Yes	0.929	E	Yes		0.866	D					
Intersection 8	La Cienega at Arbor Vitae	AM	0.987	E	0.833	D	No	1.145	F	Yes	Add 2nd LT lane on NB approach, add a free-flow RT lane on SB approach, ATSC	0.877	D	Temporarily unmitigated AP, enhances airport access				
		PM	0.783	C	0.670	B	No	0.879	D	Yes		0.664	B					
		AP (1)	0.825	D	0.869	D	Yes	0.877	D	Yes		0.853	D					
Intersection 11	Aviation at Century	AM	0.940	E	1.073	F	Yes	0.881	D	No	Add a separate RT lane on EB and WB approaches, plus ATCS	0.790	C	Temporarily unmitigated PM only, enhances airport access				
		PM	1.028	F	0.858	D	No	1.143	F	Yes		1.085	F					
		AP (1)	1.853	F	1.123	F	Yes	1.145	F	No		1.020	F					
Intersection 13	Aviation at Imperial	AM	0.950	E	0.601	A	No	1.124	F	Yes	Restripe NB approach to convert TH/RT lane into a RT only lane, add 1 EB RT lane	0.903	D	Impacts created by network/link improvements. Mitigates impacts. Enhances airport access				
		PM	1.185	F	0.849	D	No	1.446	F	Yes		1.147	F					
		AP (1)	1.254	F	1.145	F	No	1.411	F	No		1.414	F					
Intersection 26	La Cienega at Century	AM	0.806	D	0.806	D	No	1.055	F	Yes	Add 2nd LT lane on EB approach, and convert 2 SB RT lanes into a free-flow RT lane	0.718	C	Temporarily unmitigated PM only, enhances airport access				
		PM	0.755	C	0.674	B	No	0.924	E	Yes		0.659	D					
		AP (1)	0.564	A	0.594	A	No	0.629	B	No		0.600	A					
Intersection 40	La Cienega at Florence	AM	0.767	C	0.820	D	Yes	0.797	C	Yes	No additional mitigation necessary	0.797	C	Temporarily unmitigated				
		PM	0.989	E	1.015	F	Yes	1.030	F	Yes		1.030	F					
		AP (1)	1.455	F	1.484	F	Yes	1.479	F	Yes		1.479	F					
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.727	C	0.840	D	Yes	0.783	C	Yes	Add 4th TH lane on NB approach	0.651	B	Mitigates impacts				
		PM	0.833	D	0.775	C	No	0.783	C	No		0.783	C					
		AP (1)	0.658	B	0.635	B	No	0.650	B	No		0.567	A					
Intersection 45	I-105/Continental City at Imperial Hwy.	AM	0.639	B	0.608	B	No	0.808	D	Yes	ATSC	0.738	C	Impacts created by network/link improvements. Mitigates impacts. Enhances airport access				
		PM	0.918	E	0.521	A	No	0.714	C	No		0.644	B					
		AP (1)	0.856	D	0.731	C	No	0.789	C	No		0.719	C					
Intersection 50	Sepulveda at Imperial	AM	0.815	D	0.988	E	Yes	0.870	D	Yes	Add 2nd LT lane on NB approach, make EB RT lane a free-flow lane	0.854	B	Mitigates impacts, enhances airport access				
		PM	1.009	F	1.482	F	Yes	1.425	F	Yes		0.921	E					
		AP (1)	0.974	E	0.798	C	No	0.742	C	No		0.633	B					
Intersection 54	I-405 NB Ramps at Jefferson	AM	0.789	C	0.737	C	No	0.759	C	No	Temporarily restripe WB RT lane as a TH/RT lane	0.719	C	Impacts created by network/link improvements. Mitigates impacts				
		PM	0.863	D	0.836	D	No	0.897	D	Yes		0.827	D					
		AP (1)	0.658	B	0.628	B	No	0.648	B	No		0.611	B					
Intersection 72	La Cienega at Manchester	AM	0.688	B	0.697	B	No	0.716	C	No	ATSC, temporarily restripe SB TH/RT lane as a RT only lane	0.646	B	Mitigates impacts				
		PM	0.819	D	0.693	B	No	0.771	C	No		0.774	C					
		AP (1)	1.050	F	1.112	F	Yes	1.151	F	Yes		1.009	F					
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.885	D	0.811	D	No	0.902	D	Yes	Add 2nd LT lane on EB approach	0.778	C	Impacts created by network/link improvements. Mitigates impacts				
		PM	0.926	E	0.947	E	Yes	0.962	E	Yes		0.810	D					
		AP (1)	0.650	B	0.602	A	No	0.597	A	No		0.464	A					
Intersection 81	Lincoln at La Tijera	AM	0.425	A	0.585	A	No	0.751	C	Yes	Add 4th TH lane on SB approach, modify signal phasing to provide E-W permissive LT and EB RT overlap	0.582	A	Mitigates impacts				
		PM	0.486	A	0.737	C	Yes	0.996	E	Yes		0.729	C					
		AP (1)	0.342	A	0.745	C	No	0.929	E	No		0.716	C					

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NAMP V/C		Alt. A V/C		Mit. Alt. A V/C		Impact	Improvements	Final V/C		Comments
			LOS		LOS		LOS				LOS		
Intersection 83	Sepulveda at La Tijera	AM	0.807	D	1.490	F	1.456	F	Yes	Add 1 TH lane on NB approach, add 2nd LT lane on NB approach, add LT phase NB approach, restripe WB approach to provide 2 LT lanes, 1 shared LT/TH lane, and 1 shared TH/RT lane, plus ATCS	0.933	D	Temporarily unmitigated AM and PM, enhances airport access
		PM	0.859	D	1.505	F	1.323	F	Yes		0.896	D	
		AP (1)	0.468	A	0.704	B	0.550	A	No		0.387	A	
Intersection 98	Pershing at Manchester	AM	0.414	A	0.534	A	0.369	A	No	Add 2nd LT lane on SB approach	0.369	A	Impacts created by network/link improvements. Mitigates impacts
		PM	0.871	B	0.657	B	0.843	D	Yes		0.620	B	
		AP (1)	0.249	A	0.194	A	0.238	A	No		0.221	A	
Intersection 99	Sepulveda at Manchester	AM	0.993	E	1.051	F	1.080	F	Yes	Restripe WB approach to add a separate RT lane	0.963	E	Temporarily unmitigated AM and PM, enhances airport access
		PM	0.992	E	1.088	F	1.019	F	Yes		0.966	E	
		AP (1)	0.892	D	0.808	D	0.817	D	No		0.817	D	
Intersection 100	Sepulveda at Mariposa	AM	0.764	C	0.838	D	0.786	C	No	Add 2nd LT lane on NB approach, add separate RT lane on EB approach, ATCSAC	0.718	C	Mitigates impacts
		PM	0.985	E	1.303	F	1.260	F	Yes		0.891	D	
		AP (1)	1.404	F	1.419	F	1.404	F	No		0.963	E	
Intersection 106	Sepulveda at 76th/77th	AM	0.722	C	0.853	D	0.854	D	Yes	Add a separate RT lane on WB approach	0.784	C	Temporarily unmitigated AM only
		PM	0.660	B	0.682	B	0.658	B	No		0.609	B	
		AP (1)	0.689	B	0.674	B	0.688	B	No		0.552	B	
Intersection 111	La Cienega at I-405 SB Ramps n/a Century	AM	0.787	C	0.737	C	0.751	C	No	Temporarily restripe one SB TH lane as LT/TH lane	0.739	C	Temporarily unmitigated AP only, enhances airport access
		PM	0.603	A	0.517	A	0.622	B	No		0.622	B	
		AP (1)	0.823	D	0.859	D	0.873	D	Yes		0.849	D	

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour		N/A/NP LOS	V/C	Alt. A LOS	V/C	Impact	M/L Alt. A V/C LOS	Impact	Improvements	Final V/C LOS	Comments		
Link 4	Sepulveda s/o Venice	AM	NB/EB	0.848	D	0.873	D	No	0.861	D	No	No additional improvements necessary	0.861	D	Resultant LOS is within LOS D
			SB/WB	0.657	B	0.617	B	No	0.632	B	No		0.632	B	
		PM	NB/EB	0.839	D	0.878	D	No	0.862	D	No		0.862	D	
			SB/WB	0.838	D	0.814	D	No	0.824	D	No		0.824	D	
		AP	NB/EB	0.798	C	0.868	D	Yes	0.866	D	Yes		0.866	D	
			SB/WB	0.916	E	0.862	D	No	0.864	D	No		0.864	D	
Link 21	Lincoln s/o Jefferson	AM	NB/EB	0.636	B	0.746	C	Yes	0.769	C	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln/Teale (0.03 improvement)	0.739	C	Intersection improvements mitigate link impacts
			SB/WB	0.390	A	0.375	A	No	0.382	A	No		0.352	A	
		PM	NB/EB	0.660	D	0.842	D	Yes	0.844	D	No		0.814	D	
			SB/WB	0.613	B	0.640	B	No	0.652	B	No		0.622	B	
		AP	NB/EB	0.565	A	0.592	A	No	0.596	A	No		0.566	A	
			SB/WB	0.600	A	0.590	A	No	0.597	A	No		0.567	A	

Source:

Prepared By: Barton-Aschman Associates, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NAMP V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 8	La Cienega at Arbor Vitae	AM	0.786 C	1.271 F	Yes	1.271 F	Yes	ATSAC, plus ATCS	1.171 F	Temporarily unmitigated, enhances airport access
		PM	0.783 C	0.867 D	Yes	0.853 D	Yes		0.753 C	
		AP (1)	0.825 D	1.129 F	Yes	1.141 F	Yes		1.041 F	
Intersection 11	Aviation at Century	AM	0.940 E	0.999 E	Yes	0.985 E	Yes	Add 2nd LT lane on WB approach, add separate RT lane on NB, plus ATCS	0.827 D	Mitigates impacts, enhances airport access
		PM	1.028 F	1.230 F	Yes	1.230 F	Yes		1.009 F	
		AP (1)	1.853 F	1.431 F	No	1.528 F	No		1.492 F	
Intersection 13	Aviation at Imperial	AM	0.950 E	1.315 F	Yes	1.314 F	Yes	Restripe one WB TH lane as TH/RT lane, restripe NB TH/RT lane for RT only lane, plus ATCS	0.859 E	Temporarily unmitigated PM only, enhances airport access
		PM	1.185 F	1.510 F	Yes	1.516 F	Yes		1.248 F	
		AP (1)	1.254 F	1.457 F	No	1.487 F	No		1.181 F	
Intersection 28	La Cienega at Century	AM	0.806 D	0.968 E	Yes	0.924 E	Yes	Restripe NB approach to provide 2nd LT lane, plus ATCS	0.812 D	Mitigates impacts, enhances airport access
		PM	0.755 C	0.962 E	Yes	0.935 E	Yes		0.768 C	
		AP (1)	0.594 A	0.719 C	No	0.733 C	No		0.703 B	
Intersection 40	La Cienega at Florence	AM	0.787 C	0.744 C	No	0.732 C	No	Temporarily restripe NB approach to add a separate RT lane, temporarily restripe SB to provide 2 LT, 2TH and 1 TH/RT lanes	0.728 C	Mitigates impacts
		PM	0.989 E	1.007 F	Yes	0.999 E	Yes		0.908 E	
		AP (1)	1.455 F	1.468 F	Yes	1.473 F	Yes		1.387 F	
Intersection 45	I-105 Flyw/Continental City at Imperial Hwy	AM	0.839 B	0.855 D	Yes	0.863 D	Yes	ATSAC, plus temporarily restripe WB 2nd LT lane as a TH lane	0.712 C	Mitigates impacts, enhances airport access
		PM	0.918 E	0.714 C	No	0.719 C	No		0.700 B	
		AP (1)	0.838 D	0.786 C	No	0.787 C	No		0.731 C	
Intersection 50	Sepulveda at Imperial	AM	0.815 D	1.184 F	Yes	1.243 F	Yes	Make EB RT lane a free-flow lane	0.825 D	Mitigates impacts, enhances airport access
		PM	1.009 F	1.651 F	Yes	1.653 F	Yes		0.979 E	
		AP (1)	0.874 E	0.849 D	No	0.835 D	No		0.835 D	
Intersection 57	Lincoln Blvd at Jefferson Blvd	AM	0.880 D	0.908 E	Yes	0.909 E	Yes	ATCS	0.879 D	Mitigates impacts
		PM	1.229 F	1.522 F	No	1.062 F	No		1.032 F	
		AP (1)	0.887 D	0.883 D	No	0.904 C	No		0.774 C	
Intersection 76	I-405 N/B Ramps at La Tijera Blvd	AM	0.885 D	0.916 E	Yes	0.924 E	Yes	Restripe EB approach to provide 2nd LT lane	0.700 C	Mitigates impacts
		PM	0.926 E	0.962 E	Yes	0.953 E	Yes		0.824 D	
		AP (1)	0.650 B	0.552 A	No	0.553 A	No		0.432 A	
Intersection 83	Sepulveda at La Tijera	AM	0.807 D	1.366 F	Yes	1.425 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane on LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB R/WB	0.840 D	Temporarily unmitigated AM
		PM	0.859 D	1.583 F	Yes	1.363 F	Yes		0.799 C	
		AP (1)	0.468 A	0.679 B	No	0.542 A	No		0.359 A	
Intersection 87	Lincoln at 83rd	AM	0.989 E	1.043 F	Yes	1.028 F	Yes	Add 2nd LT lane on SB approach, temporarily add WB RT overlap phasing	0.948 E	Mitigates impacts
		PM	1.345 F	1.206 F	No	1.243 F	No		1.097 F	
		AP (1)	1.347 F	1.285 F	No	1.274 F	No		1.085 F	
Intersection 98	Parabank at Manchester	AM	0.414 A	0.502 A	No	0.546 A	No	Add 2nd LT Lane on SB approach	0.555 A	Impacts created by network/link improvements. Mitigates impacts
		PM	0.671 B	0.587 A	No	0.771 C	Yes		0.526 A	
		AP (1)	0.249 A	0.150 A	No	0.137 A	No		0.157 A	
Intersection 99	Sepulveda at Manchester	AM	0.893 E	1.039 F	Yes	1.044 F	Yes	Add 2nd TH lane on WB approach	0.887 D	Mitigates impacts
		PM	0.992 E	0.961 E	No	0.929 E	No		0.922 E	
		AP (1)	0.892 D	0.822 D	No	0.815 D	No		0.815 D	
Intersection 100	Sepulveda at Mariposa	AM	0.794 C	0.816 D	Yes	0.819 D	Yes	Restripe NB approach to provide 2nd LT lane, add separate RT lane on EB approach	0.819 D	Mitigates impacts
		PM	0.985 E	1.329 F	Yes	1.319 F	Yes		0.953 E	
		AP (1)	1.060 F	1.451 F	No	1.430 F	No		1.031 F	
Intersection 108	Sepulveda at 79th/77th	AM	0.722 C	0.794 C	Yes	0.817 D	Yes	Add separate RT lane on WB approach	0.748 C	Mitigates impacts
		PM	0.660 B	0.661 B	No	0.649 B	No		0.599 A	
		AP (1)	0.689 B	0.653 B	No	0.663 B	No		0.637 B	
Intersection 111	La Cienega at I-405 SB Ramps w/o Century	AM	0.787 C	0.834 D	Yes	0.827 D	Yes	Temporarily restripe to add 2nd TH only lane on NB approach	0.684 B	Temporarily unmitigated AP only, enhances airport access
		PM	0.603 A	0.881 B	No	0.884 B	No		0.849 B	
		AP (1)	0.823 D	0.945 E	Yes	0.885 E	Yes		0.881 D	

## Los Angeles International Airport Master Plan

## PHASE 3F: YEAR 2005 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/ND		Alt. B		Impact	Mlt. Alt. B		Impact	Improvements	Final V/C LOS	Comments	
			V/C	LOS	V/C	LOS		V/C	LOS					
Link 4	Sepulveda s/o Vanow	AM	NB/EB	0.948	D	0.855	D	No	0.859	D	No	0.859	D	Resultant LOS is within LOS D
			SB/WB	0.857	B	0.613	B	No	0.624	B	No	0.624	B	
		PM	NB/EB	0.939	D	0.857	D	No	0.848	D	No	0.848	D	
			SB/WB	0.838	D	0.821	D	No	0.815	D	No	0.815	D	
		AP	NB/EB	0.798	C	0.872	D	Yes	0.862	D	Yes	0.862	D	
			SB/WB	0.916	E	0.857	D	No	0.851	D	No	0.851	D	
Link 21	Lincoln s/o Jefferson	AM	NB/EB	0.636	B	0.780	C	Yes	0.776	C	Yes	0.776	C	Resultant LOS is within LOS D
			SB/WB	0.390	A	0.372	A	No	0.373	A	No	0.373	A	
		PM	NB/EB	0.860	D	0.840	D	No	0.847	D	No	0.847	D	
			SB/WB	0.613	B	0.648	B	No	0.647	B	No	0.647	B	
		AP	NB/EB	0.585	A	0.592	A	No	0.599	A	No	0.599	A	
			SB/WB	0.600	A	0.593	A	No	0.585	A	No	0.585	A	

Source:

Prepared By: Parsons Transportation Group, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. C V/C LOS	Impact	Mt. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 7	Aviation at Arbor Vitae	AM	0.921 E	1.969 F	Yes	1.541 F	Yes	Add 2nd LT and a LT/TH lane on NB approach, add a free-flow RT lane on EB approach, add 2nd LT lane on WB approach, add a separate RT lane on SB approach, split phase N-S, plus ATCS	0.881 D	Temporarily unmitigated AP only, enhances airport access
		PM	0.976 F	1.719 F	Yes	1.779 F	Yes		0.889 D	
		AP(1)	0.886 D	1.702 F	No	1.694 F	Yes		1.018 F	
Intersection 8	La Cienega at Arbor Vitae	AM	0.987 E	1.129 F	Yes	1.451 F	Yes	Add a separate RT lane WB and SB approaches, add 2nd LT lane on EB and NB approaches, add 1 LT/TH lane on NB approach, split phase N-S movements	0.994 E	Mitigates impacts, enhances airport access
		PM	0.783 C	0.952 E	Yes	0.959 E	Yes		0.783 C	
		AP(1)	0.825 D	1.217 F	Yes	1.215 F	Yes		0.844 D	
Intersection 11	Aviation at Century	AM	0.940 E	1.431 F	Yes	1.497 F	Yes	Add 2nd LT lane and a free-flow RT lane on EB approach, add 2nd RT lane on SB approach, plus ATCS	0.933 D	Mitigates impacts, enhances airport access, requires R/W
		PM	1.028 F	1.012 F	No	1.043 F	Yes		1.013 F	
		AP(1)	1.853 F	1.593 F	No	1.525 F	No		1.080 F	
Intersection 12	Aviation at El Segundo	AM	1.036 F	1.062 F	Yes	0.983 E	No	ATSAC	0.910 E	Mitigates impacts, enhances airport access
		PM	1.012 F	1.021 F	Yes	1.029 F	Yes		0.959 E	
		AP(1)	1.015 F	1.033 F	No	1.039 F	No		0.969 E	
Intersection 13	Aviation at Imperial	AM	0.950 E	1.457 F	Yes	0.904 E	No	Temporarily restripe NB TH/RT lane as RT only lane	0.702 C	Mitigates impacts, enhances airport access
		PM	1.185 F	1.353 F	Yes	1.352 F	Yes		1.158 F	
		AP(1)	1.254 F	1.109 F	No	1.123 F	No		1.141 F	
Intersection 18	Continental at Jefferson	AM	1.110 F	1.025 F	No	0.888 D	No	Temporarily add SB RT overlap phasing	0.799 C	Impacts created by network/link improvements. Mitigates impacts
		PM	1.077 F	1.037 F	No	1.162 F	Yes		1.084 F	
		AP(1)	0.965 E	1.006 F	No	1.014 F	No		1.014 F	
Intersection 26	La Cienega at Century	AM	0.836 D	0.718 C	No	0.868 D	Yes	Widen WB approach to provide 1 LT, 3 TH, 1 TH/RT, and 1 RT lanes	0.793 C	Temporarily unmitigated PM only, enhances airport access
		PM	0.755 C	0.827 D	Yes	0.843 D	Yes		0.843 D	
		AP(1)	0.564 A	0.694 B	No	0.685 B	No		0.665 B	
Intersection 40	La Cienega at Florence	AM	0.767 C	1.458 F	Yes	0.743 C	No	Temporarily modify FAW LT phasing to permissive only phasing, and temporarily restripe WB approach to add a separate RT lane	0.724 C	Mitigates impacts
		PM	0.989 F	1.024 F	Yes	1.048 F	Yes		0.975 E	
		AP(1)	1.455 F	1.450 F	No	1.466 F	Yes		1.394 F	
Intersection 44	Sepulveda at Howard Hughes Pkwy	AM	0.727 C	0.748 C	No	0.769 C	Yes	Add 4th TH lane on NB approach	0.636 B	Impacts created by network/link improvements. Mitigates impacts
		PM	0.833 D	0.747 C	No	0.757 C	No		0.665 B	
		AP(1)	0.558 B	0.635 B	No	0.635 B	No		0.552 A	
Intersection 45	I-105 Fwy/Continental City Drive at Imperial	AM	0.639 B	0.766 C	Yes	0.736 C	Yes	Temporarily restripe 2nd LT lane on WB approach as a TH lane	0.712 C	Mitigates impacts
		PM	0.918 E	0.667 B	No	0.679 B	No		0.723 C	
		AP(1)	0.856 D	0.729 C	No	0.728 C	No		0.738 C	
Intersection 48	I-105 Fwy WB Off/Nash at Imperial	AM	1.201 F	0.433 A	No	1.223 F	Yes	ATCS	1.193 F	Mitigates impacts, enhances airport access
		PM	0.615 B	0.547 A	No	0.564 A	No		0.534 A	
		AP(1)	0.408 A	0.433 A	No	0.428 A	No		0.398 A	
Intersection 50	Sepulveda at Imperial	AM	0.815 D	0.849 D	Yes	1.155 F	Yes	Make EB RT lane a free-flow lane	0.718 C	Mitigates impacts, enhances airport access
		PM	1.009 F	1.645 F	Yes	1.511 F	Yes		0.991 E	
		AP(1)	0.974 E	0.833 D	No	0.780 C	No		0.779 C	
Intersection 51	Vista Del Mar at Imperial	AM	0.835 D	0.397 A	No	1.108 F	Yes	Temporarily retain NB RT lane as a free-flow lane	0.533 A	Mitigates impacts, enhances airport access
		PM	0.567 A	0.744 C	Yes	0.751 C	Yes		0.621 B	
		AP(1)	0.571 A	0.546 A	No	0.511 A	No		0.418 A	
Intersection 54	I-405 NB Ramps at Jefferson	AM	0.789 C	0.648 B	No	0.764 C	No	Temporarily restripe 1 EB TH lane as a LT/TH lane	0.540 B	Impacts created by network/link improvements. Mitigates impacts
		PM	0.853 D	0.848 D	No	0.887 D	Yes		0.756 C	
		AP(1)	0.558 B	0.630 B	No	0.622 B	No		0.571 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 57	Lincoln at Jefferson	AM	0.880 D	0.813 D	No	0.854 E	Yes	Restripe 1 NB TH lane as a TH/RT lane	0.859 D	Impacts created by network/link improvements. Mitigates impacts
		PM	1.229 F	1.037 F	No	1.060 F	No		1.123 F	
		AP(1)	0.887 D	0.767 C	No	0.795 C	No		0.795 C	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.885 D	0.552 A	No	0.905 E	Yes	Restripe EB approach to add 2nd LT lane	0.774 C	Impacts created by network/link improvements. Mitigates impacts
		PM	0.926 E	0.948 E	No	0.947 E	Yes		0.815 D	
		AP(1)	0.550 B	0.561 A	No	0.556 A	No		0.432 A	
Intersection 81	Lincoln at La Tijera	AM	0.425 A	0.702 C	Yes	0.514 B	No	Add 4th TH lane on SB approach	0.570 A	Mitigates impacts
		PM	0.486 A	0.523 A	No	0.771 C	Yes		0.622 B	
		AP(1)	0.342 A	0.691 B	No	0.636 D	No		0.737 C	
Intersection 83	Sepulveda at La Tijera	AM	0.607 D	0.673 B	No	1.409 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB, plus ATCS	0.821 D	Mitigates impacts
		PM	0.859 D	1.446 F	Yes	1.347 F	Yes		0.755 C	
		AP(1)	0.458 A	0.637 B	No	0.545 A	No		0.341 A	
Intersection 87	Lincoln at 83rd	AM	0.989 E	1.395 F	Yes	1.068 F	Yes	Add 2nd LT lane on EB approach	0.887 D	Mitigates impacts
		PM	1.345 F	1.748 F	Yes	1.118 F	No		1.054 F	
		AP(1)	1.347 F	1.350 F	No	1.370 F	No		1.235 F	
Intersection 98	Parshing at Manchester	AM	0.414 A	0.150 A	No	0.538 A	No	Add 2nd LT lane on SB approach, add a RT lane on NB approach, plus ATCS	0.459 A	Impacts created by network/link improvements. Mitigates impacts
		PM	0.671 B	0.499 A	No	1.256 F	Yes		0.711 C	
		AP(1)	0.249 A	0.153 A	No	0.322 A	No		0.187 A	
Intersection 99	Sepulveda at Manchester	AM	0.993 E	0.822 D	No	1.024 F	Yes	Restripe WB approach to provide a separate RT lane	0.895 D	Impacts created by network/link improvements. Mitigates impacts
		PM	0.992 E	0.926 E	No	0.982 E	No		0.927 E	
		AP(1)	0.892 D	0.807 D	No	0.818 D	No		0.818 D	
Intersection 100	Sepulveda at Mariposa	AM	0.764 C	1.451 F	Yes	0.791 C	No	Restripe NB to provide 2nd LT lane, add separate RT lane on NB approach	0.751 C	Mitigates impacts
		PM	0.985 E	1.289 F	Yes	1.297 F	Yes		0.977 E	
		AP(1)	1.060 F	1.464 F	No	1.468 F	No		1.077 D	
Intersection 105	Sepulveda at 76th/77th	AM	0.722 C	0.653 B	No	0.823 D	Yes	Add separate RT lane on WB approach	0.760 C	Impacts created by network/link improvements. Mitigates impacts
		PM	0.660 B	0.604 B	No	0.681 B	No		0.628 B	
		AP(1)	0.689 B	0.660 B	No	0.661 B	No		0.635 B	
Intersection 111	La Cienega at I-405 SB ramp n/o Century	AM	0.787 C	0.946 E	Yes	0.807 D	Yes	Temporarily add a separate RT lane on WB approach	0.677 B	Temporarily unmitigated AP only, enhances airport access
		PM	0.603 B	0.673 B	No	0.689 B	No		0.689 B	
		AP(1)	0.823 D	0.590 F	Yes	0.973 E	Yes		0.918 E	



## Los Angeles International Airport Master Plan

## PHASE 3F: 2005 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 5	Overland s/o Venice Bl	AM NB/EB	0.870 D	0.892 D	No	0.897 D	No	No additional improvements necessary	0.897 D	Increase in V/C is less than 0.05 at LOS F
		SB/WB	0.940 F	0.871 D	No	0.883 D	No		0.883 D	
		PM NB/EB	0.828 D	0.814 D	No	0.811 D	No		0.811 D	
		SB/WB	1.121 F	1.115 F	No	1.151 F	Yes		1.151 F	
		AP NB/EB	0.822 D	0.822 D	No	0.852 D	No		0.852 D	
		SB/WB	0.969 E	0.942 E	No	0.953 E	No		0.953 E	
Link 21	Lincoln s/o Jefferson	AM NB/EB	0.636 B	0.780 C	Yes	0.782 C	Yes	No additional improvements necessary	0.782 C	Resultant LOS is within LOS D
		SB/WB	0.390 A	0.373 A	No	0.381 A	No		0.381 A	
		PM NB/EB	0.950 D	0.817 D	No	0.803 D	No		0.803 D	
		SB/WB	0.613 B	0.634 B	No	0.670 B	No		0.670 B	
		AP NB/EB	0.565 A	0.581 A	No	0.579 A	No		0.579 A	
		SB/WB	0.600 A	0.578 A	No	0.588 A	No		0.588 A	

Source:

Prepared By: Parsons Transportation Group, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C	Alt. A V/C	Impact	Mit. Alt. A V/C	Impact	Improvements	Final V/C	Comments
			LOS	LOS		LOS			LOS	
Intersection 4	Airport at Century	AM	0.679 B	0.884 D	Yes	0.827 D	Yes		0.598 A	
		PM	0.779 C	0.626 B	No	0.616 B	No	Restripe SB approach to add 2nd RT lane	0.616 B	Mitigates impacts, enhances airport access
		AP (1)	0.742 C	0.719 C	No	0.737 C	No		0.539 A	
Intersection 6	Airport at Manchester	AM	1.006 F	0.745 C	No	0.735 C	No		0.735 C	
		PM	0.969 E	0.783 C	No	0.755 C	No	Add a RT lane on EB approach	0.755 C	Mitigates impacts
		AP (1)	1.001 E	1.043 F	Yes	1.015 F	Yes		0.895 D	
Intersection 8	La Cienega at Arbor Vitae	AM	1.243 F	1.639 F	Yes	1.246 F	No	Add RT lane to EB approach, add 2nd LT lane to NB approach, add a free-flow RT lane on SB approach, and install ATSC	0.997 E	Mitigates impacts, enhances airport access, requires bridge widening for 3 lanes LB & WB as part of Network Link Improvements
		PM	1.013 F	1.714 F	Yes	1.359 F	Yes		1.019 F	
		AP (1)	1.009 F	1.312 F	No	1.069 F	No		0.844 D	
Intersection 13	Aviation at Imperial Hwy	AM	1.069 F	0.766 C	No	0.941 E	No		0.953 E	
		PM	1.070 F	1.155 F	Yes	1.135 F	Yes	Restripe NB TH/RT lane for a RT only lane	1.020 F	Mitigates impacts, enhances airport access
		AP (1)	1.297 F	1.122 F	No	1.235 F	No		1.282 F	
Intersection 18	Centinela at Jefferson	AM	1.200 F	1.108 F	No	1.110 F	No	ATCS	1.080 F	Mitigates impacts
		PM	1.279 F	1.297 F	Yes	1.317 F	Yes		1.287 F	
		AP (1)	1.145 F	1.124 F	No	1.114 F	No		1.084 F	
Intersection 26	La Cienega at Century	AM	0.926 E	0.807 D	No	1.038 F	Yes	Add 2nd LT lane on EB approach, and convert 2 SB RT lanes into a free-flow RT lane	0.795 C	Mitigates impacts, enhances airport access
		PM	0.932 E	0.890 D	No	1.002 E	Yes		0.831 D	
		AP (1)	0.632 B	0.673 B	No	0.638 B	No		0.553 A	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.743 C	0.844 D	Yes	0.859 D	Yes		0.693 B	
		PM	1.055 F	0.904 D	No	0.921 E	No	Add one additional TH lane on NB approach	0.796 C	Mitigates impacts
		AP (1)	0.766 C	0.723 C	No	0.704 B	No		0.635 B	
Intersection 48	I-105 WB Off Ramps/ Nash at Imperial	AM	1.195 F	1.258 F	Yes	1.258 F	Yes	Restripe EB Th lane as TH/RT lane and EB TH/RT lane as RT only lane	1.103 F	Mitigates impacts, enhances airport access
		PM	0.790 C	0.654 B	No	0.695 B	No		0.722 C	
		AP (1)	0.428 A	0.437 A	No	0.425 A	No		0.437 A	
Intersection 50	Sepulveda at Imperial	AM	0.868 D	0.960 E	Yes	1.024 F	Yes	Make RT lane on EB approach a free flow, add 2nd LT lane on NB approach	0.814 D	Mitigates impacts, requires R/W
		PM	1.182 F	1.467 F	Yes	1.529 F	Yes		1.041 F	
		AP (1)	1.132 F	0.827 D	No	0.856 D	No		0.713 C	
Intersection 71	La Cienega at Lennox	AM	0.468 A	0.432 A	No	0.486 A	No	Restripe 1 WB LT lane to shared LT/RT lane	0.421 A	Mitigates impacts
		PM	0.633 B	0.581 A	No	0.574 A	No		0.580 A	
		AP (1)	0.895 D	1.046 F	Yes	1.089 F	Yes		0.804 C	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.890 D	1.004 E	Yes	0.991 E	Yes	Add 2nd LT lane on EB approach	0.818 D	Mitigates impacts
		PM	0.950 E	0.835 D	No	0.816 D	No		0.705 C	
		AP (1)	0.644 B	0.430 A	No	0.446 A	No		0.365 A	
Intersection 81	Lincoln at La Tijera	AM	0.591 A	0.882 D	Yes	0.875 D	Yes	Add 2 TH lanes on SB approach, add 1 TH lane on NB approach, modify signal phasing to provide EB/WB permissive LT and EB RT overlap, ATCS	0.557 A	Mitigates impacts, enhances airport access, to be designed w/Westchester Parkway/Lincoln Blvd. Interchange, widening on NB/SB approaches will require R/W
		PM	0.633 B	1.209 F	Yes	1.244 F	Yes		0.736 C	
		AP (1)	0.505 A	0.969 E	No	1.027 F	No		0.696 B	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. A V/C LOS	Impact	Mit. Alt. A V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 83	Sepulveda at La Tijera	AM	0.988 F	1.317 F	Yes	1.257 F	Yes	Add 2nd LT lane NB approach, add 1 TH lane each on NB & SB approaches, restripe WB approach to provide 2 LT lanes, 1 shared LT/TH lane and 1 shared TH/RT lane, split phase EB/WB	0.865 D	Mitigates impacts, requires R/W, alternatively provide grade-separated connections
		PM	1.051 F	1.775 F	Yes	1.505 F	Yes		0.845 E	
		AP (1)	0.586 A	0.831 D	No	0.637 B	No		0.415 A	
Intersection 87	Lincoln at 83rd	AM	1.126 F	1.224 F	Yes	1.220 F	Yes	Add 2nd SB LT lane, plus ATCS	1.137 F	Mitigates impacts, requires R/W
		PM	1.929 F	1.579 F	No	1.585 F	No		1.480 F	
		AP (1)	1.588 F	1.535 F	No	1.553 F	No		1.377 F	
Intersection 94	Lincoln at Teale	AM	0.544 A	0.765 C	Yes	0.769 C	Yes	Add 2nd SB LT lane, plus ATCS	0.729 C	Mitigates impacts
		PM	0.720 C	0.650 B	No	0.633 B	No		0.594 A	
		AP (1)	0.466 A	0.481 A	No	0.493 A	No		0.425 A	
Intersection 98	Pershing at Manchester	AM	0.534 A	0.405 A	No	0.451 A	No	Add 2nd LT lane on SB approach, convert E-W split phasing to permissive	0.397 A	Mitigates impacts
		PM	0.815 D	0.754 C	No	1.052 F	Yes		0.757 C	
		AP (1)	0.350 A	0.208 A	No	0.228 A	No		0.218 A	
Intersection 99	Sepulveda at Manchester	AM	1.109 F	1.100 F	No	1.148 F	Yes	Restripe WB approach to provide a RT lane	1.017 F	Mitigates impacts
		PM	1.154 F	1.033 F	No	1.038 F	No		1.038 F	
		AP (1)	0.952 E	0.873 D	No	0.891 D	No		0.891 D	
Intersection 100	Sepulveda at Mariposa	AM	0.891 D	0.936 E	Yes	0.954 E	Yes	Add separate RT Lane on EB approach, add 2nd LT lane on NB approach	0.835 D	Mitigates impacts
		PM	1.130 F	1.471 F	Yes	1.476 F	Yes		1.116 F	
		AP (1)	1.191 F	1.552 F	No	1.577 F	No		1.079 F	
Intersection 106	Sepulveda at 76th/77th	AM	0.793 C	0.858 D	Yes	0.884 D	Yes	Add a separate RT lane on WB approach, plus ATCS	0.790 C	Mitigates impacts
		PM	0.724 C	0.637 B	No	0.639 B	No		0.567 A	
		AP (1)	0.750 C	0.654 B	No	0.639 B	No		0.586 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE A FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C	Alt. A V/C	Impact	Mit. Alt. A V/C	Impact	Improvements	Final V/C	Comments
Link 4	Sepulveda s/o Venice	AM NB/EB	0.877 D	0.883 D	No	0.879 D	No	ATCS at Sepulveda/Venice, and ATCS at Sepulveda/L-405 Ramps (0.03 improvement)	0.849 D	Intersection improvements plus transit service along Sepulveda Boulevard mitigate link impacts
		SB/WB	0.740 C	0.746 C	No	0.749 C	No		0.719 C	
		PM NB/EB	1.090 F	1.082 F	No	1.083 F	No		1.053 F	
		SB/WB	0.944 E	0.965 E	Yes	0.942 E	No		0.912 E	
		AP NB/EB	0.837 D	0.838 D	No	0.839 D	No		0.809 D	
		SB/WB	0.990 E	0.982 E	No	1.070 F	Yes		1.040 F	
Link 5	Overland s/o Venice	AM NB/EB	0.900 D	0.907 E	No	0.918 E	Yes	ATCS at Overland/Venice, and ATCS at Overland/Washington Bl (0.03 improvement)	0.888 D	Intersection improvements plus transit service along Overland Avenue mitigate link impacts
		SB/WB	1.008 F	0.889 E	No	0.992 E	No		0.962 E	
		PM NB/EB	0.909 L	0.909 E	No	0.904 D	No		0.874 D	
		SB/WB	1.162 F	1.210 F	Yes	1.191 F	Yes		1.161 F	
		AP NB/EB	0.871 D	0.901 D	No	0.886 D	No		0.858 D	
		SB/WB	1.052 F	1.041 F	No	1.124 F	No		1.094 F	
Link 21	Lincoln s/o Jefferson	AM NB/EB	0.717 C	1.036 F	Yes	1.028 F	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln/Toale (0.03 improvement)	0.998 E	Intersection improvements mitigate link impacts (resultant LOS is within LOS E)
		SB/WB	0.399 A	0.388 A	No	0.387 A	No		0.357 A	
		PM NB/EB	0.988 E	0.911 E	No	0.909 E	No		0.879 D	
		SB/WB	0.672 B	0.703 B	No	0.705 C	No		0.675 B	
		AP NB/EB	0.622 B	0.644 B	No	0.646 B	No		0.616 B	
		SB/WB	0.658 B	0.635 B	No	0.639 B	No		0.609 B	
Link 26	Sepulveda s/o Slauson	AM NB/EB	0.921 E	0.949 E	Yes	0.955 E	Yes	ATCS at Sepulveda/Slauson (0.035 improvement)	0.920 E	Intersection improvements mitigate link impacts
		SB/WB	0.433 A	0.397 A	No	0.399 A	No		0.364 A	
		PM NB/EB	0.809 D	0.731 C	No	0.734 C	No		0.699 B	
		SB/WB	0.835 D	0.862 D	No	0.841 D	No		0.806 D	
		AP NB/EB	0.534 A	0.509 A	No	0.507 A	No		0.472 A	
		SB/WB	0.521 A	0.488 A	No	0.472 A	No		0.437 A	

Source:

Prepared By: Barton-Aschman Associates, Inc.

Notes:

- (1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 11	Aviation at Century	AM	1.173 F	0.970 E	No	0.850 E	No	Add 2nd LT lane on WB approach, add one separate RT lane each on NB, EB & WB approaches	0.843 D	Mitigates impacts, enhances airport access
		PM	1.157 F	1.222 F	Yes	1.287 F	Yes		1.038 F	
		AP(1)	1.999 F	1.203 F	No	1.281 F	No		1.267 F	
Intersection 13	Aviation at Imperial	AM	1.059 F	1.094 F	Yes	1.410 F	Yes	Restripe one WB TH lane as TH/RT lane, convert NB TH/RT lane as a free-flow RT lane	0.763 C	Mitigates impacts, enhances airport access
		PM	1.070 F	1.301 F	Yes	1.445 F	Yes		1.046 F	
		AP(1)	1.297 F	1.245 F	No	1.437 F	No		1.194 F	
Intersection 18	Cantimela at Jefferson	AM	1.200 F	1.089 F	No	1.090 F	No	ATCS	1.060 F	Mitigates impacts
		PM	1.279 F	1.334 F	Yes	1.303 F	Yes		1.273 F	
		AP(1)	1.145 F	1.118 F	No	1.103 F	No		1.073 F	
Intersection 26	La Cienega at Century	AM	0.926 E	0.858 D	No	0.858 D	No	Restripe EB and NB approaches to provide 2nd LT lane	0.806 D	Mitigates impacts, enhances airport access, requires R/W
		PM	0.932 E	0.984 E	Yes	1.011 F	Yes		0.817 D	
		AP(1)	0.632 B	0.670 B	No	0.676 B	No		0.489 A	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.743 C	0.827 D	Yes	0.835 D	Yes	Add 4th TH lane on NB approach	0.675 B	Mitigates impacts
		PM	1.055 F	0.879 D	No	0.874 D	No		0.764 C	
		AP(1)	0.766 C	0.677 B	No	0.575 B	No		0.585 A	
Intersection 45	I-105/Continental City at Imperial	AM	0.595 B	0.780 C	Yes	0.844 D	Yes	ATSAC, plus ATCS	0.744 C	Mitigation required due to network/link improvements. Mitigates impacts
		PM	0.814 D	0.599 B	No	0.728 C	No		0.628 B	
		AP(1)	0.635 D	0.526 A	No	0.561 A	No		0.461 A	
Intersection 48	I-105 WB Off/Nash at Imperial	AM	1.195 F	1.308 F	Yes	1.303 F	Yes	ATCS	1.273 F	Mitigates impacts, enhances airport access
		PM	0.790 C	0.623 B	No	0.615 B	No		0.585 A	
		AP(1)	0.429 A	0.430 A	No	0.431 A	No		0.401 A	
Intersection 50	Sepulveda at Imperial	AM	0.858 D	1.353 F	Yes	1.094 F	Yes	Make EB RT lane free-flow, add 2nd LT lane on NB approach	0.730 C	Mitigates impacts, enhances airport access, requires R/W
		PM	1.182 F	1.555 F	Yes	1.568 F	Yes		1.031 F	
		AP(1)	1.132 F	0.846 D	No	0.835 D	No		0.684 B	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.890 D	0.997 E	Yes	0.989 E	Yes	Restripe EB approach for 2nd LT lane	0.806 D	Mitigates impacts, enhances airport access
		PM	0.960 E	0.924 D	No	0.801 D	No		0.673 B	
		AP(1)	0.644 B	0.483 A	No	0.502 A	No		0.416 A	
Intersection 81	Lincoln at La Tijera	AM	0.591 A	0.882 D	Yes	0.871 D	Yes	Add 1 TH lane on SB approach, add 3rd LT lane on NB approach, add 2nd RT lane on EB approach, modify SB, EB, WB LT phasing to permissive, plus ATCS	0.735 C	Mitigates impacts, to be designed with Westchester Parkway/Lincoln Rvd Interchange SB & NB approaches. Widening will require R/W
		PM	0.633 B	1.059 F	Yes	1.185 F	Yes		0.677 B	
		AP(1)	0.506 A	0.926 E	No	0.984 E	No		0.510 A	
Intersection 83	Sepulveda at La Tijera	AM	0.988 E	1.385 F	Yes	1.229 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB	0.897 D	Mitigates impacts, enhances airport access
		PM	1.051 F	1.824 F	Yes	1.317 F	Yes		0.845 D	
		AP(1)	0.586 A	0.788 C	No	0.635 B	No		0.373 A	
Intersection 87	Lincoln at 83rd	AM	1.125 F	1.220 F	Yes	1.215 F	Yes	Add 2nd LT lane on SB, plus ATCS	1.135 F	Mitigates impacts
		PM	1.929 F	1.550 F	No	1.576 F	No		1.457 F	
		AP(1)	1.588 F	1.525 F	No	1.526 F	No		1.351 F	
Intersection 88	Lincoln at Manchester	AM	1.021 F	1.028 F	No	1.042 F	Yes	Add 2nd LT Lane on SB approach, add separate RT lane on NB approach, add one WB TH lane, make WB RT lane free-flow	0.832 D	Mitigates impacts
		PM	2.164 F	1.703 F	No	1.800 F	No		1.298 F	
		AP(1)	1.054 F	1.221 F	No	1.149 F	No		0.931 E	
Intersection 94	Lincoln at Toole	AM	0.544 A	0.754 C	Yes	0.755 C	Yes	ATCS	0.735 C	Mitigates impacts
		PM	0.720 C	0.640 B	No	0.549 B	No		0.619 B	
		AP(1)	0.456 A	0.482 A	No	0.486 A	No		0.456 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 98	Pershing at Manchester	AM	0.634 A	0.391 A	No	0.446 A	No	Add 2nd LT Lane on SB approach	0.446 A	Mitigation required due to network/link improvements. Mitigates impacts
		PM	0.815 D	0.641 B	No	0.989 E	Yes		0.737 C	
		AP(1)	0.350 A	0.215 A	No	0.230 A	No		0.223 A	
Intersection 99	Sepulveda at Manchester	AM	1.109 F	1.116 F	No	1.199 F	Yes	Restripe WB approach to provide a separate RT lane, add 2nd LT lane on EB approach	1.006 F	Mitigates impacts
		PM	1.154 F	1.031 F	No	1.026 F	No		1.026 F	
		AP(1)	0.962 E	0.844 D	No	0.835 D	No		0.835 D	
Intersection 100	Sepulveda at Mariposa	AM	0.891 D	0.923 E	Yes	0.913 E	Yes	Restripe NB approach to provide 2nd LT lane, add separate RT lane on EB approach	0.840 D	Mitigates impacts, may require R/W
		PM	1.130 F	1.466 F	Yes	1.463 F	Yes		1.137 F	
		AP(1)	1.191 F	1.579 F	No	1.671 F	No		1.183 D	
Intersection 106	Sepulveda at 76th/77th	AM	0.793 C	0.837 D	Yes	0.876 D	Yes	Add separate RT lane on NB and WB approaches	0.810 D	Mitigates impacts
		PM	0.724 C	0.630 B	No	0.614 B	No		0.574 A	
		AP(1)	0.750 C	0.669 B	No	0.665 B	No		0.640 B	
Intersection 111	La Cienega at I-405 SB Ramps n/o Century	AM	0.607 B	0.763 C	Yes	0.722 C	Yes	Add 2nd LT lane on SB approach, add separate RT lane on WB approach	0.663 B	Mitigates impacts
		PM	0.581 A	0.787 C	Yes	0.710 C	Yes		0.669 B	
		AP(1)	0.685 B	0.903 E	Yes	0.888 D	Yes		0.706 C	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE B FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. B V/C LOS	Impact	Mit. Alt. B V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Link 4	Sepulveda s/o Venice	AM NB/EB	0.877 D	0.873 D	No	0.873 D	No	ATCS at Sepulveda/Venice, and ATCS at Sepulveda/I-405 Ramps (0.03 improvement)	0.843 D	Mitigation required due to network/link improvements. Intersection improvements mitigate impacts. Resultant increase in V/C is less than 0.05 within LOS F
		SB/WB	0.740 C	0.732 C	No	0.744 C	No		0.714 C	
		PM NB/EB	1.090 F	1.082 F	No	1.076 F	No		1.046 F	
		SB/WB	0.844 E	0.852 E	No	0.849 E	No		0.919 E	
		AP <sup>(1)</sup> NB/EB	0.837 D	0.841 D	No	0.822 D	No		0.792 C	
		SB/WB	0.990 E	0.985 E	No	1.052 F	Yes		1.032 F	
Link 5	Overland s/o Vanico	AM NB/EB	0.900 D	0.900 D	No	0.904 E	No	ATCS at Overland/Venice, and ATCS at Overland/Washington Bl (0.03 improvement)	0.874 D	Intersection improvements mitigate impacts
		SB/WB	1.008 F	0.979 E	No	0.977 E	No		0.947 E	
		PM NB/EB	0.909 E	0.915 E	No	0.898 D	No		0.888 D	
		SB/WB	1.162 F	1.187 F	Yes	1.197 F	Yes		1.167 F	
		AP <sup>(1)</sup> NB/EB	0.871 D	0.892 D	No	0.902 E	No		0.872 D	
		SB/WB	1.052 F	1.045 F	No	1.094 F	No		1.064 F	
Link 21	Lincoln s/o Jefferson	AM NB/EB	0.717 C	1.025 F	Yes	1.020 F	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln/Teale (0.03 improvement)	0.990 E	Intersection improvements mitigate impacts. Resultant LOS is within LOS E
		SB/WB	0.399 A	0.380 A	No	0.384 A	No		0.354 A	
		PM NB/EB	0.988 E	0.901 E	No	0.901 E	No		0.871 D	
		SB/WB	0.672 B	0.703 C	No	0.698 B	No		0.668 B	
		AP <sup>(1)</sup> NB/EB	0.622 B	0.642 B	No	0.646 B	No		0.616 B	
		SB/WB	0.558 B	0.625 B	No	0.635 B	No		0.605 B	
Link 25	Sepulveda s/o Slauson	AM NB/EB	0.921 E	0.938 E	No	0.946 E	Yes	ATCS at Sepulveda/Slauson (0.035 improvement)	0.913 E	Intersection improvements mitigate impacts
		SB/WB	0.433 A	0.371 A	No	0.373 A	No		0.338 A	
		PM NB/EB	0.809 D	0.723 C	No	0.724 C	No		0.689 B	
		SB/WB	0.835 D	0.828 D	No	0.844 D	No		0.809 D	
		AP <sup>(1)</sup> NB/EB	0.554 A	0.503 A	No	0.496 A	No		0.461 A	
		SB/WB	0.521 A	0.457 A	No	0.456 A	No		0.421 A	

Source:

Prepared By: Barton-Aschman Associates, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 8	La Cienega at Arbor Vitae	AM	1.243 F	1.570 F	Yes	1.503 F	Yes	Add separate RT lane on EB, WB and SB approaches, add 2nd LT lane on EB and NB approaches, add 1 LT/TH lane on NB approach, split phase N-S movements	1.008 F	Mitigates impacts, enhances airport access
		PM	1.013 F	1.460 F	Yes	1.401 F	Yes		0.913 E	
		AP(1)	1.039 F	1.163 F	No	1.153 F	No		0.988 E	
Intersection 11	Aviation at Century	AM	1.173 F	1.322 F	Yes	1.381 F	Yes	Add RT lane on WB approach, add 2nd LT lane on EB approach	1.17 F	Mitigates impacts, enhances airport access
		PM	1.157 F	1.123 F	No	1.163 F	No		0.998 E	
		AP(1)	1.899 F	1.876 F	No	1.875 F	No		1.630 F	
Intersection 13	Aviation at Imperial	AM	1.069 F	0.607 D	No	0.831 D	No	Add 1 EB RT only lane, plus ATCS	0.831 D	Mitigates impacts
		PM	1.070 F	1.226 F	Yes	1.214 F	Yes		1.059 F	
		AP(1)	1.297 F	1.166 F	No	1.166 F	No		1.166 F	
Intersection 18	Cantimela at Jefferson	AM	1.200 F	1.101 F	No	1.096 F	No	ATCS	1.066 F	Mitigates impacts
		PM	1.279 F	1.300 F	Yes	1.294 F	Yes		1.264 F	
		AP(1)	1.145 F	1.102 F	No	1.102 F	No		1.072 F	
Intersection 26	La Cienega at Century	AM	0.925 E	1.082 F	Yes	1.087 F	Yes	Add 2nd LT lane on EB approach, widen WB approach to provide 1 LT lane, 3 TH lanes, 1 shared TH/RT lane, and 1 RT lane	0.759 C	Mitigates impacts, enhances airport access, requires P/W
		PM	0.932 E	1.054 F	Yes	1.071 F	Yes		0.838 D	
		AP(1)	0.632 B	0.868 D	No	0.867 D	No		0.625 B	
Intersection 44	Sepulveda at Howard Hughes Parkway	AM	0.743 C	0.851 D	Yes	0.877 D	Yes	Add 4th TH lane on NB approach	0.719 C	Mitigates impacts
		PM	1.055 F	0.937 E	No	0.935 E	No		0.825 D	
		AP(1)	0.766 C	0.724 C	No	0.724 C	No		0.637 B	
Intersection 48	I-105 WB Off/Nash at Imperial	AM	1.195 F	1.244 F	Yes	1.255 F	Yes	Restripe NB TH lane as TH/RT lane and restripe NB TH/RT lane as RT only lane	1.105 F	Mitigates impacts, enhances airport access
		PM	0.790 C	0.716 C	No	0.699 B	No		0.745 C	
		AP(1)	0.428 A	0.412 A	No	0.412 A	No		0.412 A	
Intersection 60	Sepulveda at Imperial	AM	0.868 D	1.011 F	Yes	1.035 F	Yes	Make EB RT lane free-flow, add 2nd LT lane on NB approach, restripe 1 NB TH lane as TH/RT lane	0.740 C	Mitigates impacts, enhances airport access
		PM	1.182 F	1.650 F	Yes	1.667 F	Yes		0.891 D	
		AP(1)	1.132 F	0.924 E	No	0.934 E	No		0.753 C	
Intersection 71	La Cienega at Lennox Blvd.	AM	0.468 A	0.632 B	No	0.673 B	No	Add 1 LT lane on NB approach and restripe WB approach for 1 LT, 1 TH and 1 free-flow RT lane	0.508 A	Mitigates impacts
		PM	0.633 B	0.775 C	Yes	0.798 C	Yes		0.657 B	
		AP(1)	0.995 D	1.321 F	Yes	1.346 F	Yes		0.878 D	
Intersection 78	I-405 NB Ramps at La Tijera	AM	0.990 D	1.027 F	Yes	1.003 E	Yes	Restripe EB approach to add 2nd LT lane	0.877 D	Mitigates impacts, enhances airport access
		PM	0.950 E	0.867 D	No	0.848 D	No		0.719 C	
		AP(1)	0.644 B	0.445 A	No	0.451 A	No		0.367 A	
Intersection 81	Lincoln at La Tijera	AM	0.591 A	0.877 D	Yes	0.856 D	Yes	Add 1 TH lane on SB approach, add 3rd LT lane on NB approach, add 2nd RT lane on EB approach, modify SB, EB, WB LT phasing to permissive, plus ATCS	0.739 C	Mitigates impacts
		PM	0.633 B	1.229 F	Yes	1.260 F	Yes		0.730 C	
		AP(1)	0.505 A	0.971 E	No	1.017 F	No		0.366 A	
Intersection 83	Sepulveda at La Tijera	AM	0.988 E	1.284 F	Yes	1.246 F	Yes	Add 2nd LT lane and a RT lane on NB approach, add 2nd LT lane and restripe TH lane as LT/TH lane on WB approach, add 1 TH/RT lane on EB approach, split phase EB & WB	0.996 D	Mitigates impacts, enhances airport access
		PM	1.051 F	1.749 F	Yes	1.386 F	Yes		0.900 D	
		AP(1)	0.586 A	0.827 D	No	0.637 B	No		0.398 A	
Intersection 87	Lincoln at 83rd	AM	1.125 F	1.245 F	Yes	1.233 F	Yes	Add 2nd LT lane on SB and EB approaches	1.057 F	Mitigates impacts, requires P/W
		PM	1.929 F	1.598 F	Yes	1.574 F	No		1.385 F	
		AP(1)	1.588 F	1.543 F	No	1.555 F	No		1.267 F	



## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NANP V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments
Intersection 94	Lincoln at Teale	AM	0.544 A	0.785 C	Yes	0.779 C	Yes	Add separate RT lane on NB approach, add 2nd LT lane on SB approach, plus ATCS	0.736 C	Mitigates impacts
		PM	0.720 C	0.652 B	No	0.641 B	No		0.591 A	
		AP(1)	0.466 A	0.487 A	No	0.497 A	No		0.427 A	
Intersection 98	Pershing at Manchester	AM	0.534 A	0.406 A	No	0.460 A	No	Add 2nd LT lane on SB approach	0.460 A	Mitigates impacts
		PM	0.815 D	0.748 C	No	1.346 F	Yes		0.767 C	
		AP(1)	0.350 A	0.218 A	No	0.235 A	No		0.224 A	
Intersection 99	Sepulveda at Manchester	AM	1.109 F	1.113 F	No	1.182 F	Yes	Restripe WB approach to provide a separate RT lane	1.343 F	Mitigates impacts
		PM	1.154 F	1.033 F	No	1.028 F	No		1.028 F	
		AP(1)	0.962 E	0.836 D	No	0.830 D	No		0.830 D	
Intersection 100	Sepulveda at Matiposa	AM	0.891 D	0.928 E	Yes	0.935 D	Yes	Restripe NB to provide 2nd LT lane, add separate RT lane on EB approach	0.836 D	Mitigates impacts
		PM	1.130 F	1.484 F	Yes	1.489 F	Yes		1.099 F	
		AP(1)	1.191 F	1.615 F	No	1.615 F	No		1.140 D	
Intersection 101	Pershing at Westchester Pkwy	AM	0.440 A	0.633 B	No	0.589 A	No	ATCS	0.559 A	Mitigates impacts
		PM	0.446 A	0.863 D	Yes	0.742 C	Yes		0.712 C	
		AP(1)	0.169 A	0.509 A	No	0.483 A	No		0.453 A	
Intersection 105	Sepulveda at 76th/77th	AM	0.793 C	0.868 D	Yes	0.912 E	Yes	Add separate RT lane on NB approach, add 1 2nd RT lane on WB approach	0.811 D	Mitigates impacts
		PM	0.724 C	0.640 B	No	0.639 B	No		0.566 A	
		AP(1)	0.750 C	0.651 B	No	0.646 B	No		0.603 A	

## Los Angeles International Airport Master Plan

## PHASE 3F: 2015 ALTERNATIVE C FINAL TRANSPORTATION IMPROVEMENTS

Facility Number	Facility Name	Peak Hour	NA/NP V/C LOS	Alt. C V/C LOS	Impact	Mit. Alt. C V/C LOS	Impact	Improvements	Final V/C LOS	Comments	
Link 2	Centinela s/o Vanice	AM	NB/EB	0.939 E	0.954 E	No	0.951 E	No	No additional mitigation necessary	0.951 E	Resultant LOS is within LOS E
			SB/WB	0.656 B	0.665 B	No	0.667 B	No		0.667 B	
		PM	NB/EB	0.849 D	0.855 D	No	0.849 D	No		0.849 D	
			SB/WB	0.913 E	0.929 E	Yes	0.939 E	Yes		0.939 E	
		AP	NB/EB	0.754 C	0.771 C	No	0.770 C	No		0.77 C	
			SB/WB	0.878 D	0.875 D	No	0.877 D	No		0.877 D	
Link 5	Overland s/o Vanice	AM	NB/EB	0.900 D	0.915 E	No	0.913 E	Yes	ATCS at Overland/Vanice, and ATCS at Overland/Washington Bl (0.03 improvement)	0.900 D	Intersection improvements mitigate link impacts
			SB/WB	1.009 F	0.982 E	No	0.987 E	No		0.957 E	
		PM	NB/EB	0.909 E	0.904 E	No	0.915 E	No		0.985 D	
			SB/WB	1.162 F	1.192 F	Yes	1.186 F	Yes		1.135 F	
		AP	NB/EB	0.871 D	0.892 D	No	0.902 E	No		0.872 D	
			SB/WB	1.052 F	1.038 F	No	1.041 F	No		1.011 F	
Link 21	Lincoln s/o Jefferson	AM	NB/EB	0.717 C	1.054 F	Yes	1.043 F	Yes	ATCS at Lincoln/Jefferson, and ATCS at Lincoln and Teale (0.03 improvement)	1.013 F	Intersection improvements mitigate link impacts. Resultant increase in V/C ratio is less than 0.05 within LOS F
			SB/WB	0.399 A	0.385 A	No	0.386 A	No		0.358 A	
		PM	NB/EB	0.988 E	0.909 E	No	0.908 E	No		0.878 D	
			SB/WB	0.672 B	0.701 B	No	0.704 C	No		0.674 B	
		AP	NB/EB	0.622 B	0.663 B	No	0.652 B	No		0.622 B	
			SB/WB	0.658 B	0.635 B	No	0.630 B	No		0.600 A	
Link 28	Sepulveda s/o Stauson	AM	NB/EB	0.921 E	0.957 E	Yes	0.966 E	Yes	No additional mitigation necessary	0.966 E	Resultant LOS is within LOS E
			SB/WB	0.433 A	0.400 A	No	0.404 A	No		0.424 A	
		PM	NB/EB	0.809 D	0.742 C	No	0.740 C	No		0.740 C	
			SB/WB	0.835 D	0.845 D	No	0.831 D	No		0.831 D	
		AP	NB/EB	0.654 A	0.514 A	No	0.538 A	No		0.508 A	
			SB/WB	0.621 A	0.501 A	No	0.490 A	No		0.480 A	

Source:

Prepared By: Parsons Transportation Group, Inc.

Notes:

(1) Airport peak hour. Significant impacts occur in the airport peak hour only when total volumes exceed AM and PM peak hour volumes and the criteria for significant impacts are met.

**Attachment G**  
**Congestion Management Program (CMP)**  
**Analysis**

# Los Angeles International Airport Master Plan

## TRANSIT/BUS LINE PASSENGER CAPACITIES

Operators	Line No	CMP Network	6-9 AM									3-6 PM								
			NB/EB				SB/WB				NB/EB				SB/WB					
			Headway in Min	Hourly Capacity in Passengers			Headway in Min	Hourly Capacity in Passengers			Headway in Min	Hourly Capacity in Passengers			Headway in Min	Hourly Capacity in Passengers				
			2000	2005	2015		2000	2005	2015		2000	2005	2015		2000	2005	2015			
Santa Monica	2 Lincoln		15:55	181	209	263	17:43	162	186	235	16:00	167	192	242	15:64	180	207	261		
	Venice		15:55	181	209	263	17:43	162	186	235	16:00	167	192	242	15:64	180	207	261		
	3 Lincoln		11:00	256	295	372	11:60	243	280	353	10:24	275	317	399	10:18	277	319	402		
	Manchester		11:00	256	295	372	11:60	243	280	353	10:24	275	317	399	10:18	277	319	402		
	J-105/Imperial		10:59	266	306	386	12:71	222	255	322	10:18	277	319	402	10:24	275	317	399		
	LAX Transit		10:63	265	305	385	11:86	238	273	345	10:29	274	313	397	10:18	277	319	402		
LADOT	Venice		11:31	249	287	362	11:38	248	285	359	10:29	274	313	397	10:12	279	320	404		
	438 J-405		35:50	79	91	115									38:00	74	85	108		
	J-105/Imperial		35:50	79	91	115									38:00	74	85	108		
	574 Sepulveda						29:75	95	109	137	36:00	78	90	114						
MTA Metro Bus	J-405						29:75	95	109	137	36:25	78	89	113						
	33 Venice		6:36	443	513	643	3:61	781	898	1,133	4:02	701	807	1,017	6:70	421	484	610		
	40 J-105/Imperial		9:61	293	337	425	9:53	296	340	429	8:57	329	378	477	10:29	274	315	397		
	Hawthorne		9:61	293	337	425	9:53	296	340	429	8:57	329	378	477	10:29	274	315	397		
	42 LAX Transit		22:25	127	146	184	24:17	117	134	169	26:83	105	121	152	25:71	110	126	159		
	108 Lincoln		26:00	108	125	157	26:86	105	121	152	38:80	73	84	105	36:25	78	89	113		
	Sepulveda		11:50	245	282	356	12:27	230	264	333	12:21	231	266	335	11:73	240	276	349		
	J-405		11:50	245	282	356	12:27	230	264	333	12:21	231	266	335	11:73	240	276	349		
	Marina Expy		11:50	245	282	356	12:27	230	264	333	12:21	231	266	335	11:73	240	276	349		
	115 Lincoln		29:50	96	110	139	33:40	84	97	122	44:75	63	72	91	37:25	76	87	110		
	Sepulveda		8:10	348	400	505	6:96	405	466	588	9:16	308	354	446	9:11	310	356	449		
	Manchester		8:10	348	400	505	6:96	405	466	588	9:16	308	354	446	9:11	310	356	449		
	J-405		8:43	335	385	485	6:28	449	516	651	8:71	324	372	469	9:11	310	356	449		
	La Cienega		8:43	335	385	485	6:28	449	516	651	8:71	324	372	469	9:11	310	356	449		
	117 LAX Transit		18:05	157	180	227	14:36	196	226	285	17:60	160	184	232	18:11	156	179	226		
	Hawthorne		18:20	155	178	225	14:82	190	219	276	17:20	164	189	238	18:30	154	177	223		
	119 J-105/Imperial		58:53	48	55	70	60:00	47	54	68	60:00	47	54	68	60:00	47	54	68		
	Hawthorne		58:67	48	55	70	60:00	47	54	68	60:00	47	54	68	60:00	47	54	68		
	120 J-105/Imperial		19:56	144	166	209	22:25	127	146	184	19:89	142	163	206	21:25	133	153	192		
	LAX Transit		19:38	146	167	211	22:38	126	145	183	20:00	141	162	204	22:63	125	143	181		
	Hawthorne		19:89	142	163	206	22:00	128	147	186	19:89	142	163	206	21:25	133	153	192		
	124 Sepulveda		57:00	49	57	72	58:25	74	85	107	46:67	60	69	88	43:50	65	75	94		
	PCH		57:00	49	57	72	58:25	74	85	107	46:67	60	69	88	43:50	65	75	94		
	Hawthorne		57:33	49	57	71	57:75	75	86	108	46:67	60	69	88	43:75	64	74	93		
	126 Sepulveda		60:00	47	54	68	60:33	47	54	68	59:67	47	54	69	59:67	47	54	69		
	J-405		59:50	47	55	69	60:67	46	53	67	59:50	47	55	69	59:00	48	55	69		
	PCH		60:00	47	54	68	60:33	47	54	68	59:67	47	54	69	59:67	47	54	69		
	Hawthorne		59:50	47	55	69	60:67	46	53	67	59:50	47	55	69	59:00	48	55	69		
	130 Sepulveda		34:25	82	95	119	26:80	105	121	153	33:40	84	97	122	29:83	95	109	137		
	Artesia		34:25	82	95	119	26:80	105	121	153	33:40	84	97	122	29:83	95	109	137		
	PCH		34:25	82	95	119	26:80	105	121	153	33:40	84	97	122	29:83	95	109	137		
	Hawthorne		34:50	82	94	119	26:80	105	121	153	32:80	86	99	125	28:80	98	113	142		
	215 Sepulveda		42:25	67	77	97	35:25	80	92	116	46:00	61	71	89	46:00	61	71	89		
	Manchester		30:50	92	106	134	28:20	100	115	145	46:00	61	71	89	45:00	63	72	91		
	J-405		42:25	67	77	97	35:25	80	92	116	46:00	61	71	89	46:00	61	71	89		
	J-105/Imperial		42:25	67	77	97	35:25	80	92	116	46:00	61	71	89	46:00	61	71	89		
	220 Lincoln		57:67	49	56	71	61:50	44	51	64	60:67	46	53	67	60:00	47	54	68		
	Manchester		60:00	47	54	68	63:50	44	51	64	59:67	47	54	69	60:00	47	54	68		
	J-105/Imperial		60:00	47	54	68	63:50	44	51	64	59:50	47	55	69	59:67	47	54	69		
	LAX Transit		60:00	47	54	68	63:50	44	51	64	60:00	47	54	68	59:67	47	54	69		
	225 J-405		57:50	49	58	71	57:50	49	56	71	58:50	48	55	70	59:00	48	55	69		
	LAX Transit		61:00	46	53	67	58:00	49	56	71	58:00	49	56	71	56:00	50	58	71		
	PCH		56:00	50	58	71	60:00	47	54	68	60:00	47	54	68	60:00	47	54	68		

# Los Angeles International Airport Master Plan

## TRANSIT/BUS LINE PASSENGER CAPACITIES

Operators	Line No.	CMP Network	6-9 AM										3-6 PM					
			NH/PH					SH/WH					NB/EB			SB/WB		
			Headway in Min	Hourly Capacity in Passengers			Headway in Min	Hourly Capacity in Passengers			Headway in Min	Hourly Capacity in Passengers			Headway in Min	Hourly Capacity in Passengers		
				2000	2005	2015		2000	2005	2015		2000	2005	2015		2000	2005	2015
MTA Metro Bus	232	Sepulveda	14.27	198	227	287	23.38	121	139	175	18.22	155	178	224	14.92	189	217	274
		LAX Transit	14.75	191	220	277	22.14	127	146	185	18.40	153	176	222	18.10	156	179	226
		PCH	14.27	198	227	287	23.38	121	139	175	18.22	155	178	224	14.92	189	217	274
	311	Manchester	12.45	227	260	328	13.55	208	239	303	12.20	231	266	335	12.38	228	262	330
		LAX Transit	28.67	98	113	143	25.00	113	130	164	24.63	114	132	166	24.20	117	134	169
	315	Lincoln	29.50	96	110	139	33.40	84	97	122	44.75	63	73	91	37.25	76	87	110
		Sepulveda	8.10	348	400	505	6.96	405	466	588	9.16	308	354	446	9.11	310	356	449
		Manchester	8.10	348	400	505	6.96	405	466	588	9.16	308	354	446	26.83	105	121	152
		L-405	8.43	335	385	485	6.28	449	516	651	8.71	324	372	465	9.11	310	356	449
		La Cienega	8.43	335	385	485	6.28	449	516	651	8.71	324	372	465	9.11	310	356	449
		LAX Transit	14.13	200	230	289	17.00	166	191	241	16.17	174	201	253	17.86	158	182	229
	436	Lincoln	29.50	96	110	139									29.00	97	112	141
		Venice	29.50	96	110	139									29.00	97	112	141
	439	Sepulveda	41.25	68	79	99	36.60	77	89	112	37.50	75	86	109	36.00	78	90	114
		L-405	41.25	68	79	99	36.60	77	89	112	37.50	75	86	109	36.00	78	90	114
		L-105/Imperial	40.25	70	81	102	37.25	76	87	110	39.40	72	82	104	36.80	77	88	111
		LAX Transit	41.02	69	79	100	36.60	77	89	112	37.25	76	87	110	36.00	78	90	114
		Marina Expy	41.25	68	79	99	36.60	77	89	112	37.50	75	86	109	36.00	78	90	114
	442	Manchester	18.75	150	173	218												
		Hawthorne	18.57	152	175	220												
	443	Artesia	39.50	71	82	104	17.40	162	186	235	24.43	115	133	167	40.00	71	81	102
		Hawthorne	39.50	71	82	104	17.40	162	186	235	24.43	115	133	167	40.00	71	81	102
	561	Sepulveda	49.67	57	65	82	46.50	61	70	88	46.50	61	70	88	49.67	57	65	82
		L-405	49.67	57	65	82	46.50	61	70	88	46.50	61	70	88	49.67	57	65	82
		L-105/Imperial	50.67	56	64	81	46.50	61	70	88	45.67	62	71	90	43.67	65	74	94
		LAX Transit	51.33	55	63	80	46.50	61	70	88	45.67	62	71	90	48.75	58	67	86
	625	Sepulveda	24.86	113	130	164	24.71	114	131	165	24.00	118	135	170	24.14	117	134	169
		L-405	24.86	113	130	164	24.71	114	131	165	24.50	115	132	167	24.86	113	130	164
		L-105/Imperial	24.14	117	134	169	24.29	116	134	168	24.00	118	135	170	24.14	117	134	169
		LAX Transit	24.14	117	134	169	24.71	114	131	165	24.00	118	135	170	24.14	117	134	169
		PCH	24.14	117	134	169	24.71	114	131	165	24.00	118	135	170	24.14	117	134	169
	626	Sepulveda	12.00	235	270	341					12.00	235	270	341				
		L-105/Imperial	12.00	235	270	341					12.00	235	270	341				
Culver City	1	Lincoln	15.00	178	203	256	15.91	177	204	257	15.00	188	216	273	15.00	188	216	273
		Sepulveda	15.00	176	203	256	15.91	177	204	257	15.00	188	216	273	15.00	188	216	273
	2	Sepulveda	60.00	47	54	68	56.67	50	57	72	60.00	47	54	68	60.00	47	54	68
		L-405	60.00	47	54	68	56.67	50	57	72	60.00	47	54	68	60.00	47	54	68
		Marina Expy	60.00	47	54	68	56.67	50	57	72	60.00	47	54	68	60.00	47	54	68
	6	Sepulveda	12.00	235	270	341	12.71	222	255	322	12.69	222	256	322	12.64	223	257	323
		Manchester	12.00	235	270	341	12.71	222	255	322	12.69	222	256	322	12.64	223	257	323
		L-405	12.20	231	266	335	12.43	227	261	329	12.86	219	252	318	12.43	227	261	329
		LAX Transit	12.00	235	270	341	12.77	221	254	320	12.86	219	252	318	12.69	222	256	322
		Marina Expy	12.20	231	266	335	12.43	227	261	329	12.86	219	252	318	12.43	227	261	329
Torrance Transit	2	Artesia	60.00	47	54	68	77.00	37	42	53	60.00	47	54	68	60.00	47	54	68
		Hawthorne	60.00	47	54	68	77.00	37	42	53	60.00	47	54	68	60.00	47	54	68
	8	Artesia	21.43	132	151	191	20.71	136	157	197	21.25	133	153	192	20.00	141	162	204
		LAX Transit	20.00	141	162	204	20.63	137	157	198	20.00	141	162	204	20.00	141	162	204
		Hawthorne	22.50	125	144	182	20.71	136	157	197	21.25	133	153	192	22.50	125	144	182

Los Angeles International Airport Master Plan

2015 PHASE 3F: ALTERNATIVE C WEEKDAY PM PEAK HOUR LEVELS OF SERVICE FOR FREEWAY SEGMENTS

Freeway Route	Segment		Agency/ Jurisdiction	No. of Lanes		Capacity*		Project Demand		Baseline Demand		W/ Project Demand		Baseline D/C & LOS				W/ Project D/C & LOS				Diff. in D/C		Project Impact	
	Post Mile	Location		NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB
I-10	R2.17	Lincoln	Los Angeles	---	---	6,000	6,000	1,917	1,103	4,281	4,829	6,198	5,932	0.714	C	0.805	D	1.033	F(0)	0.989	E	0.320	0.184	Yes	No
	R6.75	e/o Overland	Los Angeles	---	---	8,000	10,000	-178	482	9,221	8,970	9,043	9,452	1.153	F(0)	0.897	D	1.130	F(0)	0.945	F	-0.022	0.048	No	No
	R10.71	e/o La Brea	Los Angeles	---	---	9,500	8,000	1,644	1,435	9,906	10,490	11,550	11,925	1.043	F(0)	1.311	F(1)	1.216	F(0)	1.491	F(3)	0.173	0.179	Yes	Yes
I-105	R1.00	e/o Sepulveda	Los Angeles	---	---	6,000	6,000	934	1,164	5,718	4,926	6,652	6,090	0.953	F	0.821	D	1.109	F(0)	1.015	F(0)	0.156	0.194	Yes	Yes
	R5.50	e/o Crenshaw	Hawthorne	---	---	8,000	8,000	671	761	9,317	8,922	9,988	9,683	1.165	F(0)	1.115	F(0)	1.249	F(0)	1.210	F(0)	0.084	0.095	Yes	Yes
I-405	18.63	n/o Inglewood	Redondo Bch	---	---	8,000	8,000	157	69	9,762	11,558	9,919	11,627	1.220	F(0)	1.445	F(2)	1.240	F(0)	1.453	F(3)	0.020	0.009	No	No
	24.27	n/o La Tijera	Los Angeles	---	---	10,000	10,000	-39	-60	10,025	9,210	9,986	9,150	1.003	F(0)	0.921	D	0.999	E	0.915	D	-0.004	-0.066	No	No
	28.30	n/o Venice	Los Angeles	---	---	10,000	10,000	72	246	11,775	9,322	11,847	9,568	1.178	F(0)	0.932	E	1.185	F(0)	0.957	E	0.007	0.025	No	No

D/C = Demand/Capacity ratio, \* - Capacity volume obtained from MTA's 1999 CMP