





Airports Development

Executive Management

Program Status Report

August 31, 2011



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ELEMENT OVERVIEW

Purpose

This report is a tool to provide status of the Capital Projects for the Airports Development Group. The report presents status per project followed by the Master Program Schedule, a Financial section with Budget, Cash Flow and Change Orders, OCIP, MWBE/DBE, and a section listing Projects in Definition.

Airside Element

The Airside Element consists of multiple projects necessary for accommodating the movement of large aircraft between the north and south runways; reconfiguring traffic movement to accommodate the Tom Bradley International Terminal (TBIT) expansion and modernization program; and provide airfield improvements as required by Airfield Operations, the Federal Aviation Administration and other Federal and State regulatory agencies.

Bradley West Element

The Bradley West Element provides for certain improvements identified in the approved LAX Master Plan, specifically related to development of new aircraft gates at the Tom Bradley International Terminal. The new gates will support the airport's ability to effectively and efficiently accommodate new large aircraft, such as the Airbus A380, Boeing 747 and Boeing 747-8. In addition, the project calls for substantial improvements related to the concourses and central core area of the Tom Bradley International Terminal, including:

- construction of new north and south concourses at the terminal, west of the existing concourses, which would be removed;
- construction of eight aircraft gates and associated loading bridges and apron areas, along the west side of the new terminal concourses:
- relocation and consolidation of existing aircraft gates along the east side of the Tom Bradley Terminal;
- renovation and enlargement of the existing U.S. Customs and Border Protection areas within the central core of the terminal; and
- construction of the secure passenger corridors between Terminals 3 and 4, and the Bradley Terminal.



ELEMENT OVERVIEW - Continued

Central Utility Plant (CUP) Replacement Element

The CUP Replacement Element includes replacing the existing CUP, constructed in 1961, and the co-generation facility, brought into service in 1985, which are considered obsolete and inefficient relative to present-day technology, the distribution network between the CUP and the terminals, and various mechanical/electrical infrastructure improvements within the terminals.

Utilities and Infrastructure Element

These capital improvement projects are critical utility and infrastructure elements that support Terminal and Airport operations within the Central Terminal Area (CTA). Current construction projects include the In-Line Baggage Screening System program consisting of the construction of fully integrated Transportation Security Administration (TSA) screening equipment in Terminal 3 and removal of lobby machines, plus, the IT Fiber Loop Backbone project which will provide new connectivity between all Terminals and the Telecommunication Building.

Landside Element

The Landside Element undertakes capital projects designed to provide for the efficient and effective movement of people through the airport; and to provide convenient parking for individuals using the airport. Landside projects are typically related to parking lots, public transportation, train stations, tank farms, warehouse and cargo areas and access roads and perimeter fencing.

Residential / Soundproofing Element

LAWA has implemented a voluntary Airport Residential Soundproofing Program (RSP) for aircraft noise impacted areas in the City of Los Angeles. This program is for impacted homes adjacent to the Los Angeles International Airport (LAX) and Van Nuys (VNY).



ELEMENT OVERVIEW - Continued

Terminals Element

Most of LAX's Terminals have been serving their purpose without major renovations or modernization efforts over the years. As needs change, the Terminal spaces and structures need repairs, upgrades, modernization, and standardization to satisfy these changing demands. From modernizing elevators and escalators with standardized devices to updating fire/life safety systems, the Terminals Element is focused on implementing these necessary improvements.

Work in Progress

This section lists the projects that are in various stages of pre-development. Typically, these projects represent efforts for which LAWA has committed funding for the design; not the construction. A project in this category will experience variability as the design is refined. If approved, projects in Work in Progress will be moved into the appropriate execution element. If not approved, projects will be dropped from this report.



AIRSIDE ELEMENT - Crossfield Taxiway Project (M101A)

Project Description

The project entails the construction of a 3,437-foot-long by 100-foot-wide taxiway that connects Taxiway 'B' on the south and Taxiway 'E' on the north. To facilitate this construction, there will be removal of existing deteriorated concrete pavement and the removal of asphalt pavement replaced with Portland Cement Concrete (PCC) and asphalt concrete pavement. This project also constructs a new parallel service road and a replacement apron for Remain Overnight (RON) and the following facilities:

- * Realignment of World Way West and two bridges over the road; one for aircraft crossing as a part of taxiway C13 and the other for vehicular traffic;
- * Taxiway centerline electrical, lighting and signage;
- * Pavement markings, including centerline, edge striping and edge reflectors; and
- * Installation of redesigned drainage and modifications to existing utilities.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

Construction is 100% complete.

Budget Status

The project reconciliation is underway.

Schedule Status

The project close-out is anticipated in September 2011.

<u>Issues</u>

None.



AIRSIDE ELEMENT - LAX Aircraft Rescue and Fire Fighting Facility (M107A)

Project Description

The new Aircraft Rescue and Fire Fighting Facility (ARFF) is proposed to be constructed as a replacement for the existing Fire Station No. 80. This new facility will be located on World Way West just west of Remain Over Night (RON) aircraft aprons situated relative to the mid-points of the outmost runways (Runway 6L/24R on the north and Runway 7R/25L on the south). The proposed ARFF would provide approximately 27,500 square feet of administrative office area and station living quarters within a 2-story structure, six bays for emergency vehicles along with a service bay, storage area for various emergency response equipments, and briefing and training rooms.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

Construction is 100% complete.

Budget Status

The project reconciliation is underway.

Schedule Status

The project close-out is anticipated in September 2011.

<u>Issues</u>

None.



AIRSIDE ELEMENT - Bradley West - Aprons (M205A)

Project Description

The Bradley West Aprons project contains an East and West component. The Bradley West Aprons project consists of approximately 34,000 square yards of pavement and associated drainage covering the aprons on the west side of the north and south Concourses as well as the apron west of the Core. This apron construction includes all grading, utilities, airfield signage and lighting; construction of LADWP power and communication ductbanks; and the LAWA power and communication ductbanks.

The Bradley East Aprons project entails construction of approximately 121,000 square yards of pavement and associated drainage from the edge of the new Concourses to the edge of Taxilanes C10/D10. It includes all grading, drainage, utilities, airfield signage and lighting; construction of LADWP power and communication ductbanks; and the LAWA power and communication ductbanks.

Planning and Programming Status

Project Definition is complete.

Design Progress

West Aprons awarded design is 100% complete. East Aprons 60% design was received in June 2011.

Construction Progress

The Bradley West Gates and Core - West Aprons:

Walsh-Austin JV construction of the BW West Aprons started June 2010 and is scheduled to complete in July 2012.

East Aprons -

The Board approved a contract amendment to include this scope in the Walsh-Austin Joint Venture contract in June 2011. The amendment was approved by City Council in July 2011.

Budget Status

This project is tracking on budget.

Schedule Status

This project progressing on schedule.

Issues



AIRSIDE ELEMENT - Taxilane 'S' (M204A)

Project Description

This project undertakes the relocation of certain ancillary and support facilities; and constructs a 3,785-foot long Taxilane to connect Taxiway 'B' on the south and Taxiway 'E' on the north. Taxilane 'S' will be constructed as part of a 400 foot wide Portland Cement Concrete (PCC) paved strip which will be the first part of the future Dual Taxilane / Taxiway System between the proposed Midfield Satellite Concourse and the Tom Bradley International Terminal. The centerline is located 242 feet west of the existing Taxiway 'Q' centerline. A 169-foot-Object Free Area (OFA) will be provided on the east side of the Taxilane 'S' centerline in accordance with the FAA approved Airport Layout Plan (ALP). This construction also includes the relocation of fuel lines and other utilities, all grading, airfield signage and lighting, construction of LADWP power and communication ductbanks; and the LAWA power and communication ductbanks. Additionally, Taxiway D will be extended approximately 1,000 feet west from Taxiway Q.

The project also includes the construction of approximately 60,000 square yards of pavement and associated drainage covering the aprons on the west side of the north and south Concourses as well as the apron west of the Bradley Core. This apron construction includes all grading, utilities and airfield signage; construction of LADWP power and ductbanks; and the LAWA power and communications ductbanks.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

Construction contract awarded to Flatiron West, Inc. (FWI) on December 7, 2009; and Notice to Proceed for the project was issued on March 1, 2010.

The majority of the concrete paving in Taxilane S area is complete. The contractor has completed the PCC for Taxiway D. Contractor has completed the RON Position 5 paving work adjacent to Taxiway Romeo.

Construction NTP for Package 2 (Aprons) was issued on May 23, 2011. Construction is 62% complete for Package 1 and 2.

Budget Status

There may be a need to replenish the contract contingency to help offset some unforeseen changes resulting from additional work by Taxilane S for the Concourse Construction Package and Crossfield Taxiway projects.



AIRSIDE ELEMENT - Taxilane 'S' (M204A) - Continued

Schedule Status

- * Taxiway D and Taxiway T between Taxiway B and C are anticipated to open in September 2011. Taxilane S is anticipated to open in October 2011.
- * Remain Overnight (RON) Position 5 will open on September 1, 2011.

<u>Issues</u>

* The design of the Package 2 storm drain line interferes with the LADWP duct banks and must be rerouted. The rerouted storm drain line has delayed the planned opening date of Taxilane S to October 2011.



AIRSIDE ELEMENT - Taxilane 'T' (M306A)

Project Description

The project consists of the construction of a 3,166-foot long Taxilane to connect Taxiway 'C' on the south and Taxiway 'D' on the north. Taxilane 'T' will be constructed as part of a 300 ft. wide Portland Cement Concrete (PCC) paved strip which will be the second part of the future Dual Taxilane / Taxiway System replacing existing Taxiways 'Q' and 'S', west of reconfigured Tom Bradley International Terminal (TBIT). The Taxilane 'T' centerline is located 818 feet west of the existing Taxiway 'Q' centerline. A 169-foot-Object Free Area (OFA) will be provided on the west side of the Taxilane 'T' centerline in accordance with the FAA approved Airport Layout Plan (ALP). This construction also includes the Taxilane "T" Service Road, the relocation of fuel lines and other utilities, all grading, airfield signage and lighting, construction of LADWP power ductbanks; and the LAWA power and communication ductbanks. This Scope of work also includes associated projects which consist of the Demo American Airlines (AA) Low Bay Hangar, Relocate and Demo H2O Deluge System, Demo Existing Sky Chef airline catering facility, Partial Demo American Airlines (AA) (former TWA) Hangar, an Emission Reduction Credit and Site Restoration of Southwest Apron Remain Overnight (RON) parking area.

Planning and Programming Status

Project Definition is complete.

Design Progress

1 - Taxilane T:

The design contract for Taxilane T was awarded to Kimley Horn & Associates on November 15, 2010.

- * Task Order 1 (Taxilane T) was approved on February 22, 2011. The 60% design was submitted in early August 2011.
- * Task Order 3 (Low Bay Site Restoration) was approved on August 10, 2011. Design is being coordinated with American Airlines.
- 2 Demo AA Low Bay Hangar and Deluge System:

The 100% design of the Demo AA Low Bay Hangar and Deluge System was completed by AECOM, Inc. and received on June 27, 2011. The Request for Bid (RFB) is being prepared and is forecasted to advertise in mid September 2011.

3 - Southwest Apron Remain Overnight (RON) Parking Area:

The design for the Southwest Apron Remain Overnight (RON) parking area was awarded to Post, Buckley, Schuh & Jernigan, Inc. (PBS&J) in September 2010. The 100% design submittal was received in June 2011. Draft Environmental Assessment (EA) was submitted to FAA for review.

Construction Progress

No construction contracts awarded.



AIRSIDE ELEMENT - Taxilane 'T' (M306A) - Continued

Budget Status

This project is tracking on budget.

Schedule Status

1 - Taxilane T:

Kimley-Horn and Associates has proceeded with the design of the Taxilane T and Low Bay Site Restoration.

<u>Issues</u>

- 1 Taxilane T:
- * Delayed site access availability of Sky Chef and American Airlines Leaseholds may impact project schedule.
- 2 Demo AA Low Bay Hangar and Deluge System:
- * Delayed site access availability of Sky Chef and American Airlines Leaseholds may impact project schedule.
- 3 Southwest Apron Remain Overnight (RON) Parking Area:
- * Right of Entry agreement is being drafted for construction within Southern California Edison Easement.
- * The Federal Environmental Assessment (EA) may impact project schedule.



AIRSIDE ELEMENT - Demolition of Existing Concourses (M210A)

Project Description

Upon completion of the new Bradley West Concourses, this project includes demolition of the existing concourses with the exception of Gate 123, demolition of any existing utilities and restores the site to an appropriate state for Apron construction.

The Bradley East Aprons project entails construction of approximately 121,000 square yards of pavement and associated drainage from the edge of the new Concourses to the edge of Taxilanes C10/D10. It includes all grading, drainage, utilities, airfield signage and lighting; construction of LADWP power and communication ductbanks; and the LAWA power and communication ductbanks.

Planning and Programming Status

Project Definition is complete.

Design Progress

The concourse demolition design is being done in conjunction with the East Aprons design package.

Construction Progress

The concourse demolition scope is a part of the Walsh-Austin Joint Venture construction contract; but the package has not yet been bid out.

Budget Status

This project is tracking on budget.

Schedule Status

This project is progressing on schedule.

<u>Issues</u>



AIRSIDE ELEMENT - Construction Support Facilities (M209A)

Project Description

The project includes the construction of a new aircraft parking ramp/block, new emergency exits for American Airlines Maintenance Hangar, airfield security fencing, building modifications, and other miscellaneous construction activities as may be required.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

First construction contract awarded to Griffith Construction on April 21, 2009.

Notice to Proceed issued June 29, 2009.

Construction continues at 98% complete. Investigation of electrical vaults for the replacement of FAA fiber optic line work is in progress.

Budget Status

This project is anticipated to complete on budget.

Schedule Status

Contract has been extended to May 24, 2012 for future work requirements.

<u>Issues</u>



AIRSIDE ELEMENT - Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements (A010A)

Project Description

This project will rehabilitate the existing asphalt concrete pavement for Taxilane A2 and construct a dual taxilane, among other improvements. Additionally, this project will improve airfield lighting and signage for Taxilane A2 and improvements on Runway Safety Area (RSA) for Runway 16L/34R.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

Construction is 100% complete.

Budget Status

The project completed under budget.

Schedule Status

The project close-out is anticipated in September 2011.

<u>Issues</u>

None.



AIRSIDE ELEMENT - Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2 (A010B)

Project Description

This project is the second and last phase of pavement rehabilitation for Taxilane A2 at Van Nuys Airport. This complete rehabilitation of the taxilane will allow for its dual usage which will increase safety and allow for further development of aviation services within that portion of the airfield. The project is eligible for 95% AIP reimbursement.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

Construction contract awarded to Griffith Company on August 15, 2011.

Notice to Proceed is anticipated to be issued on October 18, 2011. Actual construction is anticipated to start on December 17, 2011 and anticipated to complete on May 9, 2012.

Budget Status

This project is tracking on budget.

Los Angeles World Airports (LAWA) received a Federal Aviation Administration (FAA) grant on June 22, 2011 in the amount of \$2,576,731 for this project.

Schedule Status

The authorization to advertise for a construction contract was approved in February 2011.

Bids were received on May 3, 2011.

This project is progressing on schedule.

<u>Issues</u>

Construction bids were received in May 2011; and the contract awarded in August 2011.



BRADLEY WEST ELEMENT - Bradley West Gates (M201A)

Project Description

The project consists of the construction of new double-loaded North and South Concourses at Tom Bradley International Terminal (TBIT). The configuration of the concourses will be based upon the approved aircraft parking layout consisting of nine (9) A380 gates and five (5) Airplane Design Group (ADG) V gates and three (3) narrow-body gates. In addition, the work will consist of constructing approximately 540,000 sq ft of space for passenger services (concessions, toilets etc.), building systems (mech/elect/plumbing), building maintenance, airline operations, retail/food service concessions, concessions storage areas, back of house secured circulation space and airline lounges. The project will also include Building Systems (pedestrian transportation systems, HVAC, electrical and plumbing, drainage, lighting), Telephone System, Life Safety Systems (PA and smoke/fire detection, alarm and sprinkler) and Terminal Systems such as Electronic Visual Information Display System (EVIDS), baggage conveyance, building management systems, access control, intrusion alarm, etc.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 95% complete.

Construction Progress

Overhead MEP (Mechanical, Electrical & Plumbing) work on North Concourse continues.

Enclosure work (Roof, Curtain Wall, Glazing, etc.) is ongoing.

North Concourse Restrooms, Mechanical & Electrical Rooms Build Out is ongoing.

Structural Steel installation at Piers #130, #131 and #133 continues.

Roof Metal Decking on South Concourse continues.

South Concourse Slab on Grade / Slab on Metal Deck Pours continue on Levels 4 & 5.

Architectural shear wall pours at Piers #151, #155, and #156 are ongoing.

Piers #157 & #159 underground and foundation work has commenced.

Budget Status

Component Guaranteed Maximum Price 01 through 15 have been approved by the Board.

Buy out is 83% complete, inclusive of Amendment 2.

Amendment 2 was issued increasing the upper limit of the contract by \$76,000,000 to fund the East Aprons.



BRADLEY WEST ELEMENT - Bradley West Gates (M201A) - Continued

Schedule Status

Gates 134 Substantial Completion

Target Date: 08/01/12 Forecast Date: Forecast Date: 10/25/12

West Gates Substantial Completion

Target Date: 12/12/12 Forecast Date: 1/25/13

East Gates Substantial Completion

Target Date: 10/19/13 Forecast Date: 11/26/13

<u>Issues</u>

* The schedule status shown above is based on the initial Bradley West recovery schedule, and WAJV's April 2011 schedule submittal. Forecast completion dates will be adjusted once the schedule "reset" process (described below) is complete.

* A joint effort between LAWA/ADG and WAJV is underway to update the Bradley West program master schedule to incorporate all changes through May 1, 2011, as well as update the schedule with the latest planned approach for project execution. This schedule "reset" process will be done in 4 phases: 1) Structural Phase; 2) Enclosure Phase; 3) MEP & Interiors Phase; and 4) the Testing & Commissioning Phase.



BRADLEY WEST ELEMENT - Bradley West Core Improvements (M203A)

Project Description

This project will provide improvements to the Federal Inspection Service (FIS) facilities in Tom Bradley International Terminal (TBIT) and allow for the development of new 693,000 sf improved departure level (post security) passenger amenities, including new restrooms, concessions, airline lounges, and administrative offices within TBIT's existing north and south concourses; renovates, improves and enlarges the space used by the FIS and the Customs and Border Patrol (CBP); constructs secure/sterile passenger corridors between TBIT and Terminals 3 and 4; and renovates and improves existing facilities throughout TBIT including re configuration of the security screening checkpoint. Also included is the Integrated Environmental Media System (IEMS); which employs cutting edge technology to create an iconic passenger experience.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 85% complete.

Construction Progress

Basement wall pours (up to Level 3) in all areas are substantially complete Slab on Metal Deck (SOMD) preparation is ongoing in Sections A & B Structural Steel erection in Sections F, C & D is ongoing.

Budget Status

This project is anticipated to complete on budget (inclusive of contingency reserves). Component Guaranteed Maximum Price 01 through 16 have been approved by the Board. Buy out is 56% complete, inclusive of Amendment 1.

Amendment 1 was issued to add \$38,400,000 to the contract to fund the IEMS.

Schedule Status

Milestone #3 – New Core Construction Completion Target Date: 12/12/12 Forecast Date: 1/18/13*

^{*}Current forecast date includes the results of recovery planning efforts.



BRADLEY WEST ELEMENT - Bradley West Core Improvements (M203A) - Continued

<u>Issues</u>

- * The schedule status shown above is based on the initial Bradley West recovery schedule, and WAJV's April 2011 schedule submittal. Forecast completion dates will be adjusted once the schedule "reset" process (described below) is complete.
- * A joint effort between LAWA/ADG and WAJV is underway to update the Bradley West program master schedule to incorporate all changes through May 1, 2011, as well as update the schedule with the latest planned approach for project execution. This schedule "reset" process will be done in 4 phases: 1) Structural Phase; 2) Enclosure Phase; 3) MEP & Interiors Phase; and 4) the Testing & Commissioning Phase.
- * Reset Schedule Status: LAWA/ADG/WAJV did not finalize an agreement with the Core Concrete sub-contractor. As a result, work-arounds for the structures component of the schedule had to be performed. Work-arounds are complete, and the structures schedule is being finalized for distribution.



BRADLEY WEST ELEMENT - Construction Traffic Mitigations (M203B)

Project Description

The general scope of work involves improving roadway capacity at the two intersections identified by the Bradley West Project Environmental Impact Report as being affected by the Bradley West construction activities and enhancing safety at the future construction contractor parking area.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

The Board awarded construction contract DA-4478 to Griffith Company on June 28, 2010.

Administrative Notice to Proceed (NTP) was issued on July 29, 2010 and construction NTP issued September 7, 2010.

Overall construction is approximately 99% complete.

The widening for all three phases has been completed. Also, the traffic Signal at Bradley West Drive has been activated.

Budget Status

This project is tracking on budget.

Schedule Status

The overall project is scheduled to be complete by September 2011.

<u>Issues</u>



BRADLEY WEST ELEMENT - Art In Public Places (M308A)

Project Description

The program, part of the City of Los Angeles commitment to the community, commissions local artists to produce original artwork for public places. The City passed a law in 1989 allocating one percent of all capital improvement costs to commission art in public places. The Department of Cultural Affairs administers this program through its Public Art Division, aiming to utilize this one percent to contribute enduring, contemporary art experiences to public facilities in the City.

Planning and Programming Status

Proposals from six nominated Los Angeles-based artists have been received and are being reviewed by the Art Oversight Committee (AOC).

Design Progress

No design contract awarded.

Construction Progress

No construction contract awarded.

Budget Status

This project is tracking to the budget.

Schedule Status

This project is anticipated to complete on schedule.

<u>Issues</u>



CUP REPLACEMENT ELEMENT - Central Utility Plant (C001A)

Project Description

The project provides a replacement Central Utility Plant (CUP) to supply heating hot-water and chilled water to the Central Terminal Area (CTA); the required chillers, pumps, generators, boilers and piping to produce and distribute the hot and cold water; and gas turbine driven generators with heat recovery steam generators (co-generation).

The project also includes:

Temporary Power and Associated Relocations Project (TPAR): Construction of a new substation to feed power to the existing CUP and installation of replacement switchgear to allow demolition of the CUP Maintenance Shop Building.

Utility Distribution System: This project includes interconnection to existing piping as well as providing completely new services to Bradley West and the existing terminals and the replacement or bypassing of some existing piping.

Demolition: Demolition of the existing CUP, cooling towers, an electrical substation and existing maintenance buildings located at the footprint of the new CUP.

Pump Room upgrades: Pump Rooms in each terminal will be renovated with new chilled and hot water system equipment: Pumps, controls, heat exchangers, variable frequency drives, MCCs, and controls replacing existing equipment of original vintage.

Facility Management and Control System (FMCS): FMCS to be located in the control room and related control equipment to be furnished for installation in the mechanical rooms of the terminals.

Planning and Programming Status

Project Definition is complete.

Design Progress

The CUP design builder, Clark/McCarthy (CMJV) completed the 60% design submittal for the Maintenance Building in August 2011 with the Cooling Tower 60% expected in late September 2011.

CMJV submitted the CUP Process Design 60% mid-August 2011.

The permit for the CUP Building is expected mid-September 2011.

The 60% distribution piping package was submitted to LAWA on August 2011 for review and proposed changes are under consideration.



CUP REPLACEMENT - Central Utility Plant (C001A) - Continued

Construction Progress

Clark/McCarthy (CMJV) has completed the majority of the initial survey and potholing work and is now performing supplemental potholing as indicated by the results found in their initial activities.

Work on the storage tank removal began late June 2011 with installation of fencing, storm water pollution prevention protection measures, pavement removal, and excavation. Currently the 50,000 gal tank has been removed and CMJV is in the process of removing the 20,000 gal tanks. Underground Storage Tank removal will continue until mid-September.

The Maintenance Shop Building and IS-686 Building have been demolished and CMJV is currently in the process of earthwork and shoring for the replacement CUP building. This work will continue through late September 2011. CMJV has started earthwork west of the Cooling Towers to prepare that site for the new Cooling Towers and Maintenance Building.

Budget Status

This project is tracking to budget.

Schedule Status

CMJV's baseline schedule was approved in July 2011 and their first update is due in early September 2011.

The project is currently behind schedule due to unforeseen conditions. CMJV and LAWA are discussing mitigation measures and recovery schedules.

<u>Issues</u>

Potholing activity has uncovered unforeseen/undocumented utilities in the Central Terminal Area (CTA) which are being incorporated into the design of the new distribution piping system and will potentially delay the project. Proposed adjustments to the location of electrical ductbanks are under review with dialogue on-going with DWP.

The soil removal for the underground storage tank removal at the CUP site (North Centerway) uncovered fuel oil contaminents which impact schedule. Soil testing was expedited, delayed final tank removal but was resolved prior to removal of the 50,000 gal tank.

A number of design issues were resolved with DWP and resulting changes to CMJV scope have been implemented.

CMJV has proposed relocation of LAWA and DWP ductbanks to World Way North and Center Way North. These proposals are under consideration with active dialogue between the LAWA/CMJV CUP team and DWP.



UTILITIES & INFRASTRUCTURE ELEMENT - Airport Response Coordination Center (ARCC) (U009A)

Project Description

This project will provide a centralized response coordination center on the 4th floor of the existing Badging Building located at 7333 World Way West at Los Angeles International Airport (LAX). The project will improve efficiency and communication for day to day operations and response to incidents by collocating various shared operational functionalities into one consolidated location. The new Airport Response Coordination Center will co-locate Airfield Operations, Terminal Operations, Construction and Maintenance, non-emergency Airport Police functions, and traffic management staff into a joint use facility. This new office environment, will utilize information technology for audio, video, CCTV, voice, network, Cable TV connections, PCs, and associated video wall and peripherals to improve situational awareness and communication among various Divisions and staff at LAX.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

The construction contract was awarded to Technion Contractors, Inc. (TCI) on May 17, 2010 and the Notice to Proceed for construction was issued to TCI on June 14, 2010.

The ARCC went operational on December 15, 2010.

Final Change Order and final Pay Request was processed and "Notification of Acceptance of Contract" was filed at the County Recorder office on July 2, 2011.

Budget Status

This project is tracking on budget.

Schedule Status

Release of retention and final project close-out is anticipated in September 2011.

<u>Issues</u>



LANDSIDE ELEMENT - Second Level Roadway Expansion Joint and Deck Repairs (L008A)

Project Description

This project provides for the repair and replacement of aging structural expansion joints on the second-level roadway in the Central Terminal Area (CTA). An expansion joint is an assembly designed to safely absorb the heat-induced expansion and contraction of adjoining concrete slabs. Specifically, this project will replace and repair joints and deck frames as recommended in the Caltrans June 2010 bridge inspection report.

Planning and Programming Status

Project Definition is complete.

Design Progress

The designer selection process is underway.

Construction Progress

No construction contract awarded.

Budget Status

This project is tracking on budget.

Schedule Status

This project is trending on schedule.

<u>Issues</u>



LANDSIDE ELEMENT - Coastal Dunes Improvement Project (L012A)

Project Description

This project proposes to restore the coastal dunes to a more natural state by removal of the existing pavements from certain abandoned streets and sidewalks and the planting and/or seeding of native coastal plants. This project is a requirement of the 2006 LAX Stipulated Settlement Agreement. Item G of the Agreement calls for a project with a budget not exceeding \$3 million to:

- 1) Remove as much existing pavement as possible from abandoned streets and sidewalks, and;
- 2) Plant appropriate native vegetation in that area.

Planning and Programming Status

Project Definition is complete.

Design Progress

A task order initiating the design is approved.

Construction Progress

No construction contract awarded.

Budget Status

This project is tracking on budget.

Schedule Status

This project is trending on schedule.

Issues



LANDSIDE ELEMENT - AOA Perimeter Fence - Phase 4 (L014A)

Project Description

This project will enhance the security of the Airport Operation Areas (AOA) perimeter fencing along Imperial Highway, Aviation and Century Boulevards. The scope includes replacing the existing fencing and gates and other additional security enhancements to meet LAWA AOA standards. Completing this project, which is the last phase of a multi-phased security fencing program, will ensure that AOA fencing along the entire perimeter of LAX meets the same enhanced LAWA security standards.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

Construction contract was awarded to Stronghold Engineering Inc. on August 15, 2011. Notice to proceed anticipated to be issued October, 2011.

Budget Status

This project is tracking on budget.

Schedule Status

Construction bid was awarded August 15, 2011.

This project is tracking on schedule.

<u>Issues</u>

None.



LANDSIDE ELEMENT - AOA Perimeter Fence (World Way West) Phase 3 (L003A)

Project Description

This project will enhance approximately 2.2 miles of fence from Taxiway AA to Coast Guard Road of LAX and will be constructed in the same manner as Phases 1 and 2. This project also provides security lighting and electrical duct banks along portions of World Way West from Taxiway AA to Coast Guard Road.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is 100% complete.

Construction Progress

Construction contract awarded to Griffith Company December 8, 2008.

Notice to Proceed issued January 22, 2009.

Construction is 100% complete including final punch list items.

Budget Status

This project has been completed under budget.

Schedule Status

This project has been completed.

Final Change Orders and Payment Request are completed.

Notice of Acceptance of the project has been filed with the County Recorder.

<u>Issues</u>

None.



RESIDENTIAL/SOUNDPROOFING ELEMENT - VNY Soundproofing (S008A)

Project Description

The Van Nuys Soundproofing Program, started in 2000, consists of soundproofing 1,049 dwelling units around VNY airport. Typical improvements include the replacement of windows, doors, fireplace doors, and dampers, installation of attic baffles, insulation and ventilation/HVAC systems. The program is strictly voluntary and free of charge to the homeowners.

This project consists of soundproofing the last 53 units under the above program. Since the inception of the program, 726 units have already been soundproofed, the other 270 units are no longer eligible, have declined, or have not responded to multiple notifications.

Planning and Programming Status

Project Definition is complete.

Design Progress

Design is complete.

Construction Progress

On August 15, 2011 a construction contract was awarded to Karabuild Development, Inc.

The Notice to Proceed will be issued in September 2011.

Budget Status

This project is tracking on budget.

Schedule Status

This project is trending on schedule.

<u>Issues</u>



RESIDENTIAL/SOUNDPROOFING ELEMENT - Noise Mitigation/Soundproofing (City of LA) (S002A)

Project Description

This project will provide soundproofing of approximately 9,400 eligible dwelling units making them land use compatible.

Planning and Programming Status

Not applicable.

Design Progress

Corlett Skaer & DeVoto was selected for a Short Form Contract not to exceed \$150,000. NTP has been issued to design plans on 78 units.

Construction Progress

Various Construction Contracts ongoing.

This component of the Noise Mitigation / Soundproofing Program is 89% complete.

Budget Status

This project is trending to complete on budget.

Schedule Status

This project is on track to be completed in 2012.

<u>Issues</u>



TERMINAL ELEMENT - Fire Life Safety System Upgrades T1 & T2 (T006A)

Project Description

This project replaces the existing, outdated, noncompliant Fire Life Safety Systems in Terminals 1 and 2 with new systems that will bring T1 and T2 in full compliance with Los Angeles Fire Department (LAFD) requirements and current Fire and Building Codes, including the Americans with Disabilities Act's (ADA) visible fire alarm notification requirements. The work includes the upgrades of all fire alarms systems, strobes, enunciator panels, conduit and wiring. Complete tests will be performed at installation milestones to assure that the new system meets all current requirements. Completing this work will eliminate costly fire watch conditions and provide effective warning signals for passengers and users of the terminals in case of fire and other emergencies.

Planning and Programming Status

Project Definition is Complete.

Design Progress

The initial design documents are complete.

Construction Progress

The authorization to advertise for a construction contract was approved in December 2010 and advertised in May 2011. Construction bids were received in June 2011; and the contract award to Allstate Engineering was approved by the Board in August 2011. The Pre-Construction Conference is being scheduled to begin contract activities.

Budget Status

The project has yet to start.

Schedule Status

The project has yet to start.

<u>Issues</u>



TERMINAL ELEMENT - Elevators and Escalators Replacement (T001A)

Project Description

This project will upgrade / replace all aging elevators, escalators and moving walkways at LAX, which have exceeded their useful life expectancy. These units will be upgraded/replaced in staggered Priority Groups.

Planning and Programming Status

Project Definition is complete.

Design Progress

Priority II-IV Site Mods - Design is 100% complete.

Priority II-IV GC MRL Elevators - Design is 88% complete.

Construction Progress

Priority I Site Mods - Construction contract awarded to W.E. O'Neil Construction Company on August 17, 2009 - Construction is 83% complete.

Priority II - Procurement - Fabrication is at 21%. Three units installed.

Priority II-IV Site Mods - Original bids were rejected due to scope change. The modified scope project is to be recommended for award in October 2011.

Priority II-IV GC MRL Elevators - No construction contracts awarded.

Parking Structure MRL Elevators - No construction contracts awarded.

Budget Status

Each active project remains on track to finish within the respective project budget.

Schedule Status

The Priority 1 Units installation is on track for a mid-December 2011 completion.

<u>Issues</u>

Sequence of work at Terminal 6 will cause delays to the current KONE contract. A forthcoming Change Order to extend KONE's contract is being negotiated with Kone and will be prepared for Board action.



WORK IN PROGRESS OVERVIEW

User's Guide - Work in Progress

This section lists the projects that are in various stages of pre-development. Typically, these projects represent efforts for which LAWA has committed funding for the design; not the construction. A project in this category will experience variability as the design is refined, until it is deemed operationally and economically viable and moved into an execution element.



WORK IN PROGRESS - Interim Taxiway Safety Improvement Project (ITSIP) (A006B)

Project Description

The Interim Taxiway Safety Improvement Project (ITSIP) relocates three high-speed exit taxiways between the North Airfield Runways. The relocated taxiways reduce the likelihood and severity of potential runway incursions without significant impacts to runway occupancy and operational efficiency. The construction elements include demolition and decommissioning of existing taxiways, construction of new taxiways using concrete and asphalt pavement, pavement striping and marking, airfield lighting modifications and modifications to navigational equipment, as needed.

Issues

The design was awarded to Post, Buckley, Schuh & Jernigan, Inc. (PBS&J) in September 2010. The scoping and cost validation work is underway.



WORK IN PROGRESS - Runway Safety Area Improvements Project - South Side (A012A)

Project Description

This project entails the demolition of existing taxiway connector B16, construction of new taxiways and taxiway connectors, and the extension of Runway 7L at LAX. The construction elements include grading, construction of new runway and taxiway pavement, associated storm drains and electrical utilities, pavement markings and striping, airfield lighting modifications, installation of new lights, Navaids relocation, barricades, blast fence and other specialty items.

<u>Issues</u>

The 30% design submittal is progressing.



WORK IN PROGRESS - Runway 25R East End Reconstruction - (Including Taxiways B & C) (A014A)

Project Description

The purpose of the project is to rehabilitate the deteriorating concrete pavement at the east end of Runway 7L/25R and Taxiway B. The project also includes the east end realignment and extension of Taxiway C.

<u>Issues</u>

The 30% design submittal is being finalized.



WORK IN PROGRESS - Manchester Square / Belford Demolition Program (L015A)

Project Description

This project will demolish several residential properties, both single- and multi-family types, located in the Manchester Square and Belford residential neighborhoods. This demolition scope includes legal disposal of demolition debris; abatement of asbestos, lead and other hazardous materials; all regulatory notifications; temporary and permanent fencing and site security; recycling of salvageable materials; dust and noise control; and site grading and landscaping.

<u>Issues</u>

The Project Definition phase is underway.



WORK IN PROGRESS - Terminal 4 Connector (T011A)

Project Description

The project provides a passenger connection between Terminal 4 and the Tom Bradley International Terminal (TBIT). The project also includes a building shell that will accommodate in-line baggage screening provided by American Airlines, a passenger Security Screening Check Point (SSCP), and an airside passenger bus terminal.

<u>Issues</u>

The solicitation process for a Design-Build contractor is being developed.



PROGRAM MASTER SCHEDULE OVERVIEW

User's Guide - Schedule

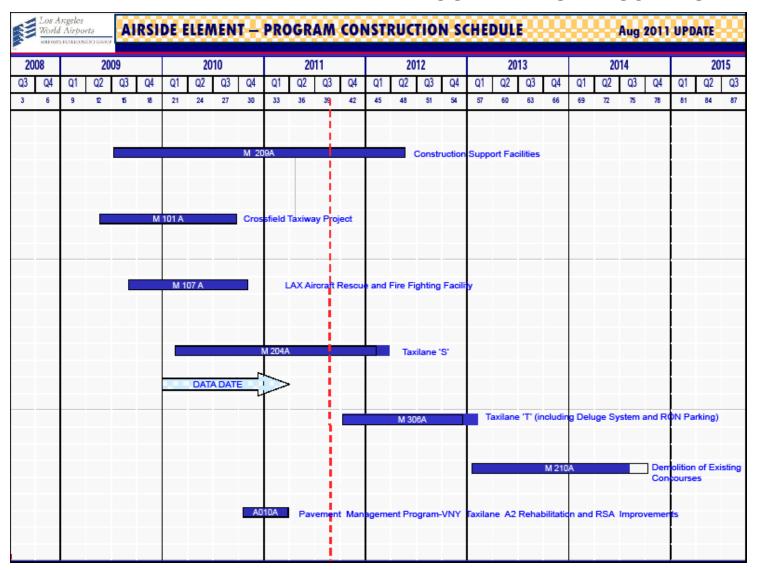
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

Data Date - Is a vertical line showing the current date of the report. Dates to the left side of the data date are known. Dates to the right side of the data date are projected.

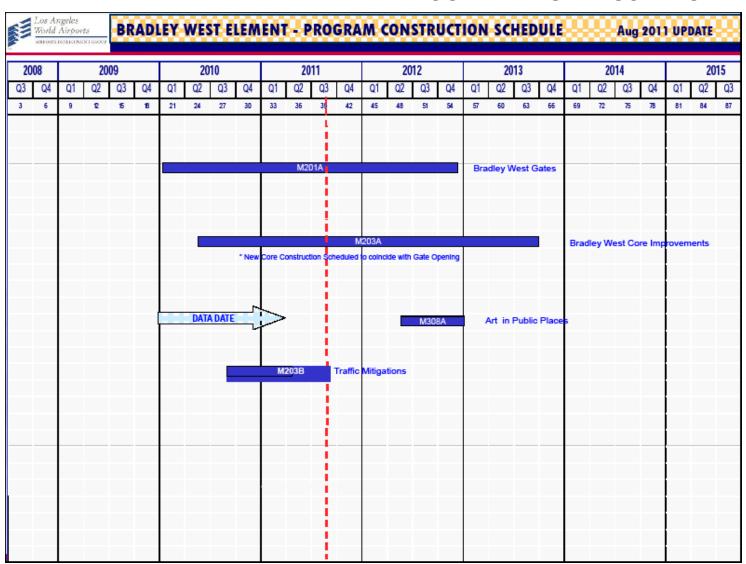
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

Project Number - Is a unique identifier for each project that enables the reader to easily correlate scope, schedule and budget.

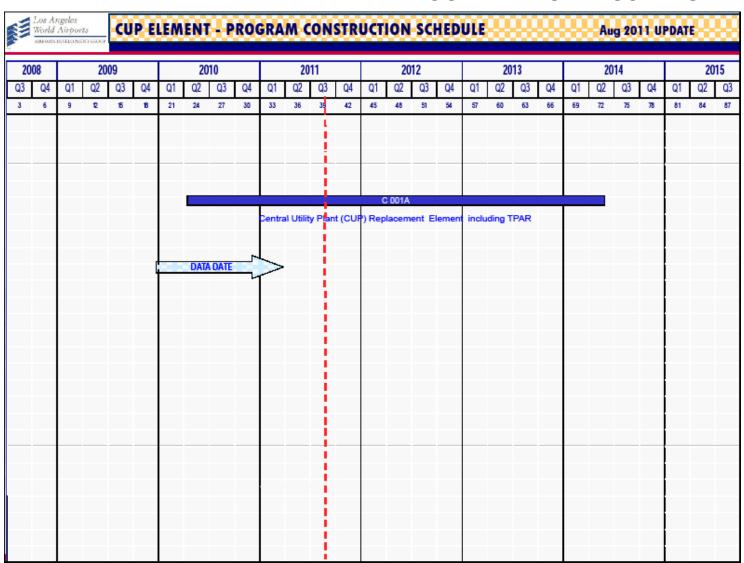




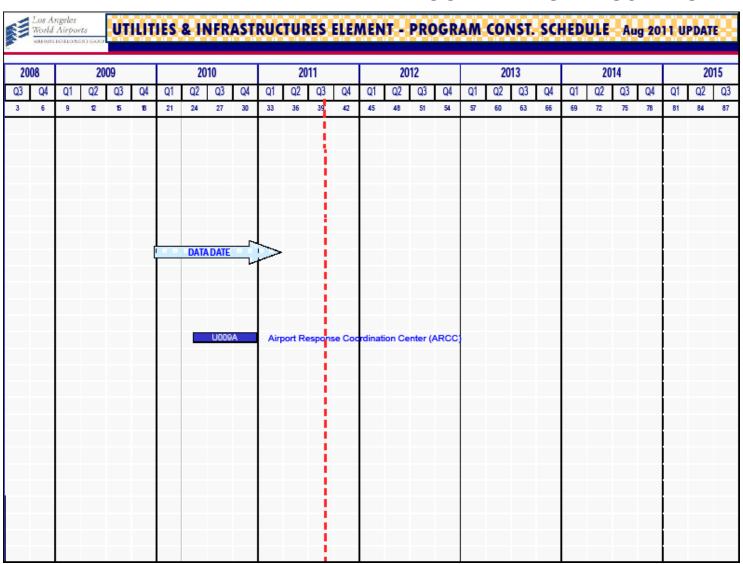




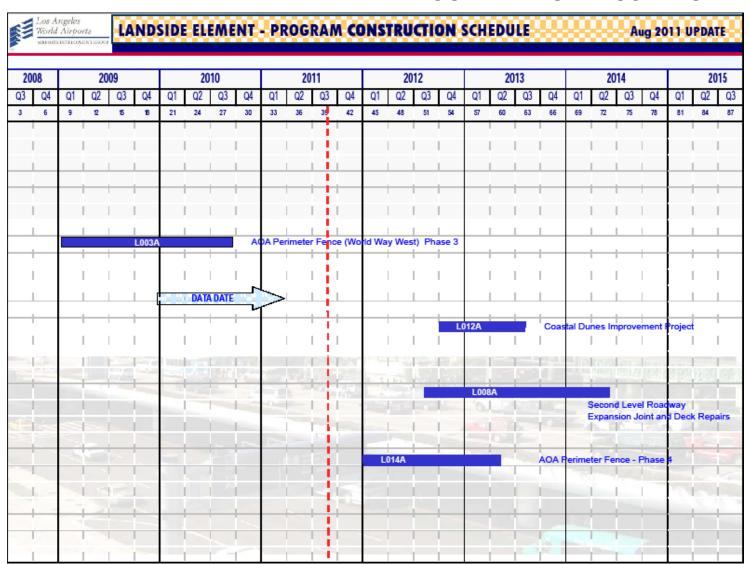




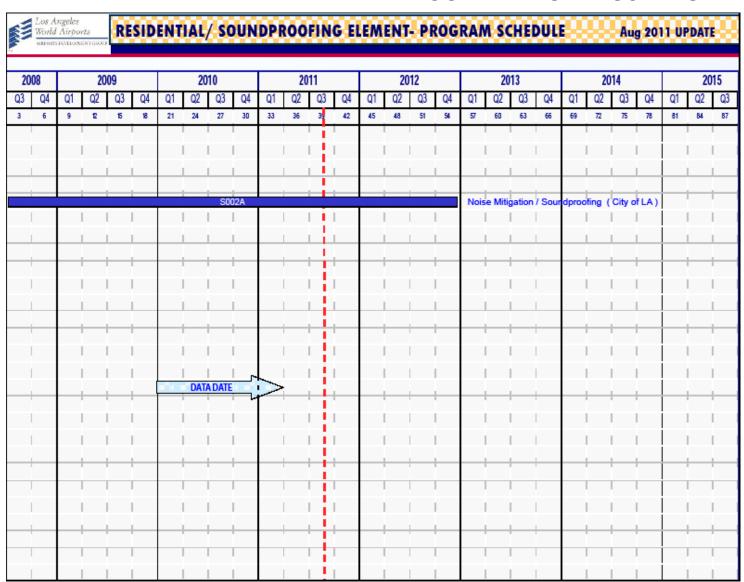




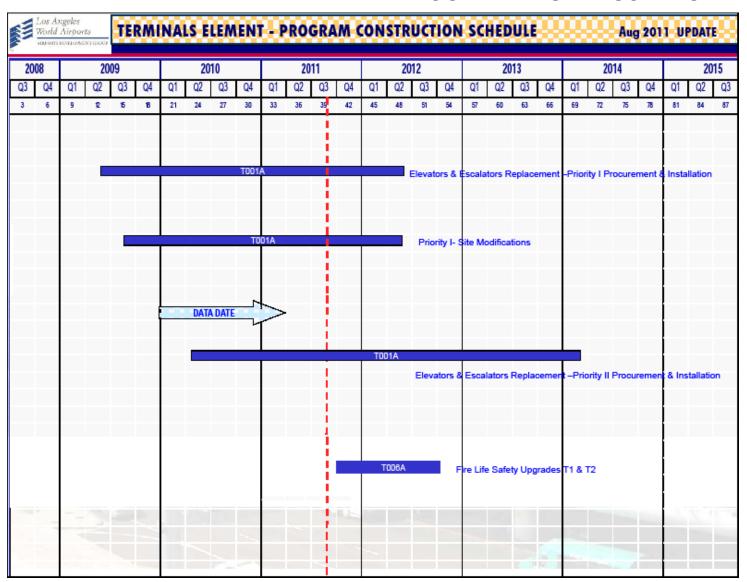














BUDGET OVERVIEW

User's Guide - Budget Reports

The information provided herein is designed to furnish users of the Airport Development Group (ADG) Budget Reports with greater knowledge and a better understanding of the composition of the various components of the budget report.

Baseline Budget - Is the estimated cost of the project as it was reported in the November 2009 report with the exception of the Crossfield Taxiway project which is from the February 2009 Operating Statement (OS) budget report.

Current Budget - Is the estimated cost of the project as it was planned plus or minus any processed revisions.

Committed to Date - Is the total contractual obligation to date for the project, e.g. awarded design contracts, awarded construction contracts, authorized task orders, etc.

Incurred to Date - Is the total of invoices received to date for the project.

Estimate at Completion (EAC) - Is the latest estimate of the total cost of the project.

Variance - Is the difference between Budget minus Estimate at Completion (EAC).

Percent (%) Incurred - Calculated as Incurred to Date divided by Estimate at Completion, this column provides a financial-oriented progress indicator.

Percent (%) Contingency Used: Calculated as the change in Contingency divided by Original Contingency, this column provides an indicator for project contingency-usage.



PROGRAM COST SUMMARY REPORT

as of 7/31/2011

			(dollars in thousa	ands)				
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
Airside Element	653,593	657,492	358,660	278,731	622,746	34,745	45%	58%
Bradley West Element	1,545,020	1,586,203	1,160,444	531,488	1,531,482	54,721	35%	15%
CUP Replacement Element	438,085	438,085	340,850	76,484	387,861	50,224	20%	1%
Utilities & Infrastructure Element	8,175	13,914	13,650	13,219	13,614	300	97%	100%
Landside Element	45,568	45,568	15,030	14,803	40,733	4,835	36%	74%
Residential/Soundproofing Element	181,317	161,317	149,392	143,005	161,214	103	89%	0%
Terminal Element	275,300	246,326	98,855	51,488	206,390	39,936	25%	19%
Subtotal	3,147,058	3,148,905	2,136,881	1,109,218	2,964,040	184,864	37%	23%
Unallocated Contingency	N/A	312,370	0	0	N/A	N/A	N/A	N/A
Subtotal	N/A	3,461,275	2,136,881	1,109,218	N/A	N/A	N/A	N/A
Work in Progress	N/A	N/A	6,654	937	N/A	N/A	N/A	N/A
Program Total	N/A	3,461,275	2,143,535	1,110,155	N/A	N/A	N/A	N/A

^{1.} The current budget and estimate at completion excludes escalation



AIRSIDE ELEMENT BUDGET REPORT as of 7/31/2011

		_		(dollars in thous	sands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
M209A	Construction Support Facilities	14,790	8,425	7,157	6,485	7,309	1,116	89%	29%
M101A	Crossfield Taxiway Project	177,760	145,678	143,550	132,800	137,978	7,700	96%	95%
M107A	LAX Aircraft Rescue and Fire Fighting Facility	14,190	14,190	13,953	13,761	14,231	(41)	97%	98%
M205A	Bradley West - Aprons	111,870	111,870	25,787	14,407	103,932	7,938	14%	2%
M204A	Taxilane 'S'	174,980	157,618	147,707	96,840	163,435	(5,818)	59%	79%
M306A	Taxilane 'T'	96,500	156,208	13,625	8,342	144,898	11,310	6%	0%
M210A	Demolition of Existing Concourses	52,600	52,600	1,934	1,806	43,604	8,996	4%	0%
	Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	7,970	4,947	4,290	4,636	3,334	93%	11%
	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	0	0	2,723	210	0%	0%
Aiı	rside Element Total	653,593	657,492	358,660	278,731	622,746	34,745	45%	58%

^{1.} The current budget and estimate at completion excludes escalation



BRADLEY WEST ELEMENT BUDGET REPORT as of 7/31/2011

				(dollars in thousands)					
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
M201A	Bradley West Gates	742,954	744,879	652,090	337,383	743,759	1,120	45%	30%
M203A	Bradley West Core Improvements	793,164	833,489	500,833	192,305	780,125	53,364	25%	0%
M203B	Construction Traffic Mitigations	3,542	2,475	2,161	1,800	2,238	237	80%	34%
M308A	M308A Art In Public Places		5,360	5,360	0	5,360	0	0%	0%
Br	Bradley West Element Total		1,586,203	1,160,444	531,488	1,531,482	54,721	35%	15%

Notes:



CUP REPLACEMENT ELEMENT BUDGET REPORT

as of 7/31/2011

				(dollars in thousands)					
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
C001A	Central Utility Plant	438,085	438,085	340,850	76,484	387,861	50,224	20%	1%
CU	P Replacement Element Total	438,085	438,085	340,850	76,484	387,861	50,224	20%	1%

Notes:



UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 7/31/2011

				(dollars in thousands)					
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
U009A	Airport Response Coordination Center (ARCC)	8,175	13,914	13,650	13,219	13,614	300	97%	100%
Uti	Utilities & Infrastructure Element Total		13,914	13,650	13,219	13,614	300	97%	100%

Notes:



LANDSIDE ELEMENT BUDGET REPORT as of 7/31/2011

				(dollars in thousands)					
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
•	Second Level Roadway Expansion Joint and Deck Repairs	18,900	18,900	11	7	17,500	1,400	0%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	342	255	2,780	220	9%	0%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	258	159	6,034	472	3%	0%
L003A	L003A AOA Perimeter Fence (World Way West) Phase 3		17,162	14,419	14,382	14,419	2,743	100%	100%
La	Landside Element Total		45,568	15,030	14,803	40,733	4,835	36%	74%

Notes:



RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT

as of 7/31/2011

				(dollars in thousands)					
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
S008A	VNY Soundproofing	1,317	1,317	1,030	0	1,214	103	0%	0%
S002A	S002A Noise Mitigation/Soundproofing (City of LA)		160,000	148,362	143,005	160,000	0	89%	0%
Re	Residential/Soundproofing Element Total		161,317	149,392	143,005	161,214	103	89%	0%

Notes:



TERMINAL ELEMENT BUDGET REPORT as of 7/31/2011

				(dollars in thousands)					
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	5,300	281	269	2,794	2,506	10%	0%
T001A	T001A Elevators and Escalators Replacement Terminal Element Total		241,026	98,574	51,219	203,596	37,430	25%	21%
Те			246,326	98,855	51,488	206,390	39,936	25%	19%

Notes:



WORK IN PROGRESS BUDGET REPORT as of 7/31/2011

				(dollars in thous	sands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	Runway Safety Area Improvements Project - South Side	N/A	N/A	0	0	N/A	N/A	N/A	N/A
A014A	Runway 25R East End Reconstruction - (Including Taxiways B & C)	N/A	N/A	0	0	N/A	N/A	N/A	N/A
L015A	Manchester Square / Belford Demolition Program	N/A	N/A	0	0	N/A	N/A	N/A	N/A
T011A	Terminal 4 Connector	N/A	N/A	0	0	N/A	N/A	N/A	N/A
A006B Interim Taxiway Safety Improvement Project (ITSIP)		N/A	N/A	6,654	937	N/A	N/A	N/A	N/A
W	ork in Progress Element Total	N/A	N/A	6,654	937	N/A	N/A	N/A	N/A

Notes:



PROGRAM CASH FLOW OVERVIEW

User's Guide - Cash Flow

The information provided herein is designed to furnish users of the Airport Development Group (ADG) Cash Flow Reports with greater knowledge and a better understanding of the cash flow report.

Monthly Plan - Is the estimated cost of the work anticipated for a given month.

Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

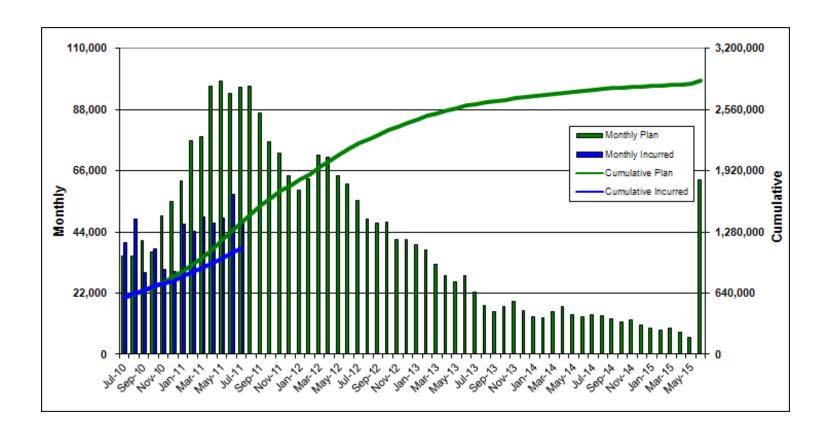
Cumulative Plan - Represents the summation of the Monthly Plan amounts, to a given point in time, and provides the user with an overall forecast.

Cumulative Incurred - Represents the summation of the Monthly Incurred amounts, to a given point in time, and provides the user with the total amount invoiced.



PROGRAM CASH FLOW

as of 7/31/2011

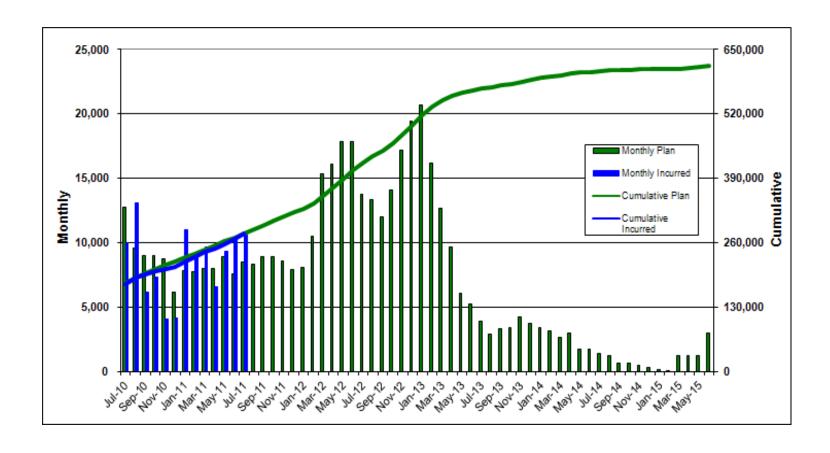


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



AIRSIDE ELEMENT CASH FLOW

as of 7/31/2011

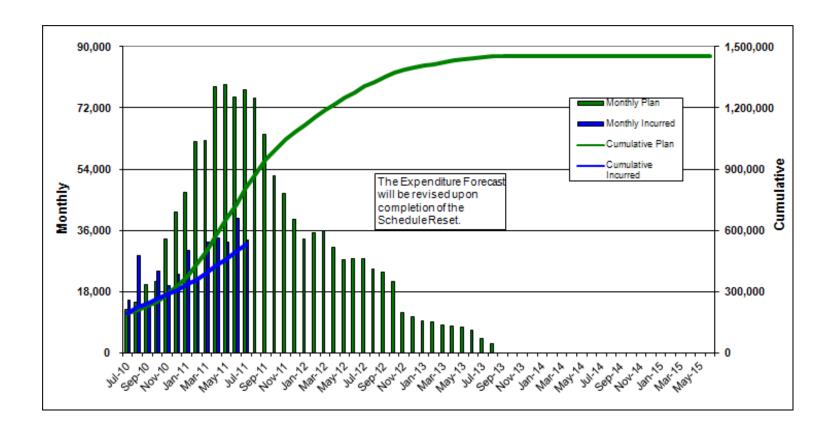


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



BRADLEY WEST ELEMENT CASH FLOW

as of 7/31/2011

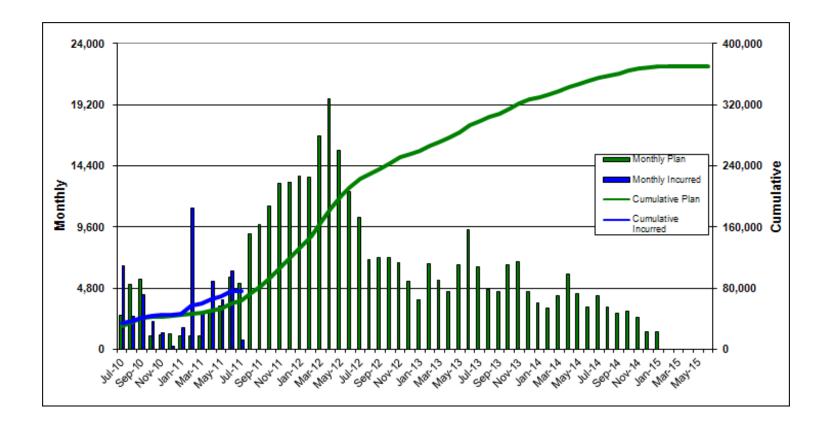


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



CUP REPLACEMENT CASH FLOW

as of 7/31/2011

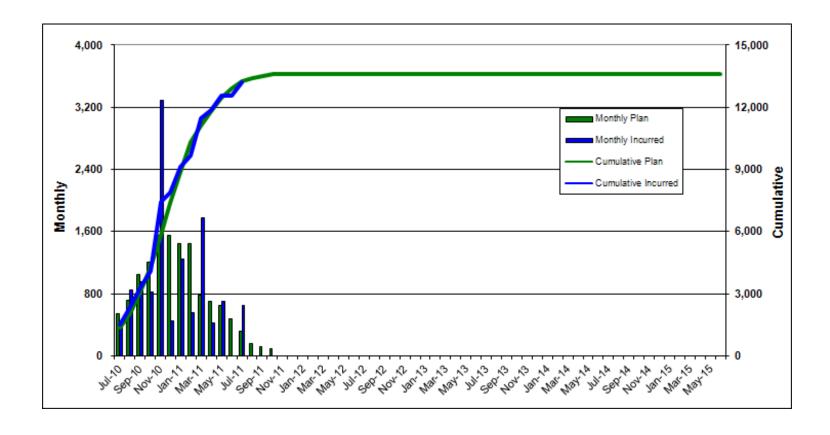


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



UTILITIES & INFRASTRUCTURE ELEMENT CASH FLOW

as of 7/31/2011

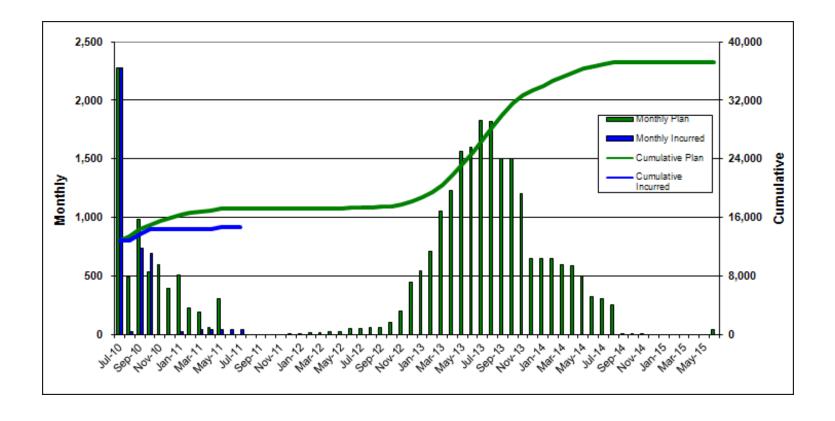


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



LANDSIDE ELEMENT CASH FLOW

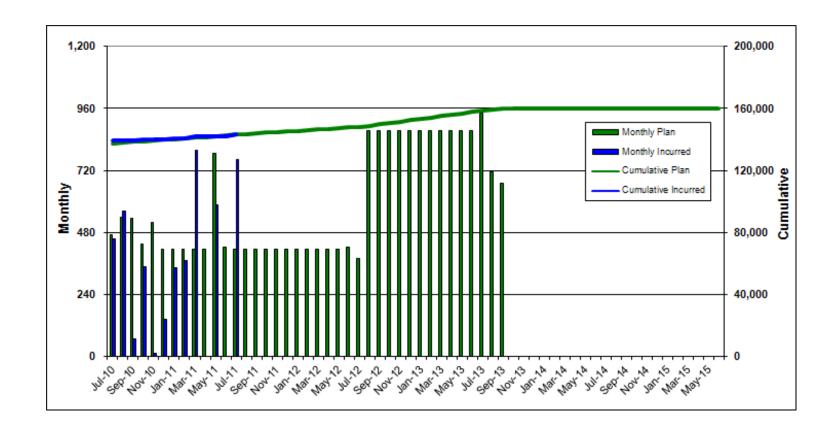
as of 7/31/2011



- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW as of 7/31/2011

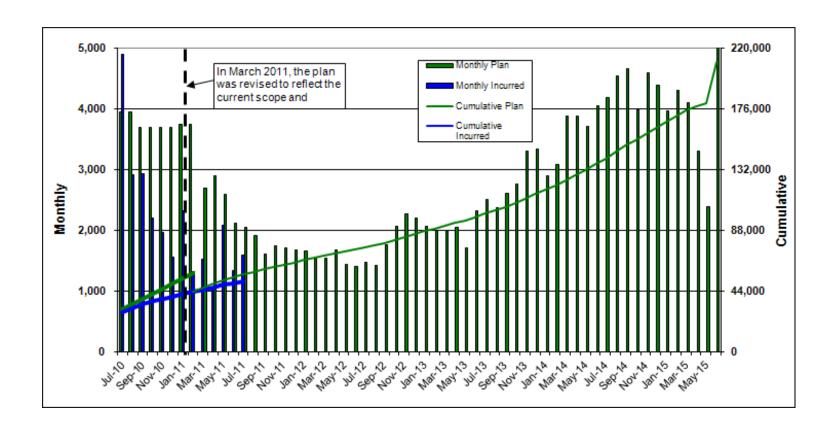


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



TERMINALS ELEMENT CASH FLOW

as of 7/31/2011



- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



CHANGE ORDER OVERVIEW

User's Guide - Change Order

The information provided herein is designed to furnish users of the Airport Development Group (ADG) Change Order Reports with greater knowledge and a better understanding of the composition of the various components of the change order report.

Change Orders - Process by which an adjustment is made to the total contract capacity.

CGMP Revision - Process by which the value of a CGMP is adjusted within the original total contract capacity. This process is employed by the Bradley West Element - Gates and Core projects in the administration of the Construction Management at Risk (CMAR) contracts.



CHANGE ORDERS as of 8/31/2011

Element	_	_	_	_	as of 8	3/31/20
Project Contrac	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes	
Airside Element						
M204A - TAXILANE	'S'					
DA-4398	0033	\$145,000			Vehicle Check for Post 21 (July 2011-Nov. 2011)	
DA-4398	0034	\$40,386			Traffic Control Signage for Service Road S, Phase 5 Trench Drain Laterals	n



CHANGE ORDERS - Continued as of 8/31/2011

Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
Bradley West Element					
DA-4337 - BRADLEY WE	ST GATES (DA-4	337)			
DA-4337/CGMP01	0007		\$756,818		01.07 Construct three (3) tower crane foundations
DA-4337/CGMP02	0128	\$0			02.128 Cancelled
DA-4337/CGMP02	0141	(\$1,991)			02.141 CCP - Airfield Electrical Changes
DA-4337/CGMP02	0142	\$68,859			02.142 IWBT IFC Applied Fireproofing Drawings and Specs
DA-4337/CGMP02	0143	\$22,753			02.143 CCP - Temporary Hazardous Materials Staging
DA-4337/CGMP02	0144	\$10,009			02.144 Pressure Reducing Valve
DA-4337/CGMP02	0145	\$11,641			02.145 East Egress - Work Stopped by LAX Inspection
DA-4337/CGMP02	0146	\$6,387			02.146 8" Fire Water Piping Terminating to PIV Locations
DA-4337/CGMP02	0147	\$103,463			02.147 IWBT -Bulletin 27A- Emergency Egress
DA-4337/CGMP02	0148	(\$756,818)			02.148 Construct three (3) tower crane foundations
DA-4337/CGMP02	0149	\$28,042			02.149 CD 0140R1 IWBT Bulletin 27A Emergency Egress- Civil
DA-4337/CGMP02	0150	(\$1,569)			02.150 IWBT OCIP Credit XL Fire 03-15-01
DA-4337/CGMP02	0151	\$78,445			02.151 BWG Extend Concrete Deck at Level 4 and 5 PBB Openings GDN 115
DA-4337/CGMP02	0152	\$64,677			02.152 Sanitary Sewer Utility Line Revisions
DA-4337/CGMP02	0153	\$38,163			02.153 BWG Revised Bottom Escalator Detail at Piers ADG RFI 0032
DA-4337/CGMP03	0018		\$383,418		03.18 Bradley East Apron: RTI Approved PBB Foundation
DA-4337/CGMP04	0071	\$904			04.71 Change of Wall Type in Level 3 Janitor's Closets (Concrete)
DA-4337/CGMP04	0072	\$5,965			04.72 Rebar and Steel Conflicts
DA-4337/CGMP04	0073	\$4,450			4.73 Prepare Caissons for LAWA Testing
DA-4337/CGMP04	0074	\$3,080			04.74 Gate 134 - Level 5 Escalator Support Beam
DA-4337/CGMP04	0075	\$4,074			04.75 RFI 1804 North Concourse Basement Opening
DA-4337/CGMP04	0076	\$45,054			04.76 Boundary Steel on East Side DD/S3 - S4, DD/N5 and DD/N4
DA-4337/CGMP04	0077	\$1,341			4.77 RFI 3857 - Comm - PolyPhaser Bulkhead Block Out Requirements
DA-4337/CGMP04	0078	\$5,402			04.78 Gate 159 Conflict Resolution: Caisson Terminator Elevation and CTB Beam to Gusset Plate Foundation Clash
DA-4337/CGMP04	0079	(\$31,997)			04.79 Elevator Pit Depths Changes
DA-4337/CGMP04	0800	\$41,634			04.80 GDN 60 - BWG Miscellaneous Structural Changes
DA-4337/CGMP04	0081	\$15,011			04.81 RFI 2759 Waterproofing at Gate 130
DA-4337/CGMP04	0082	\$66,286			04.82 Control Joints required at Pier Mat Foundations due to Crane Path



Bradley West Element

DA-4337/CGMP04	0083	\$3,043		04.83 RFI 4075 Gate 131 Fin Wall Boundary Element
DA-4337/CGMP04	0084	\$3,197		04.84 RFI 3643 - L4 Restroom Curb Modification
DA-4337/CGMP04	0085	\$3,689		04.85 BWG Extend Concrete Deck at Level 4 and 5 PBB Openings GDN 115
DA-4337/CGMP04	0086	\$3,511		04.86 RFI 1271 - Columns at GL N6/AA size changed to allow base plate installation
DA-4337/CGMP04	0087	\$16,873		04.87 Elevation Change of GB-5 at East Piers
DA-4337/CGMP04	8800	\$12,468		04.88 BWG Revised Bottom Escalator Detail at Piers ADG RFI 0032
DA-4337/CGMP04	0089		\$283,668	04.89 Gate 159 Foundations Additional Work
DA-4337/CGMP05	0024	\$26,535		05.24 Change of Wall Type in Level 3 Janitor's Closets
DA-4337/CGMP05	0025	\$6,194		05.25 Gates Architectural and Miscellaneous Steel Components of Escalator
DA-4337/CGMP06	0015	\$15,876		06.15 Clerestory Curb Flashing Changes
DA-4337/CGMP06	0016	\$119,695		06.16 BWG Crown Corr Project Management Costs for May 2011
DA-4337/CGMP06	0017	\$109,461		06.17 BWG Crown Corr Project Management Costs for June 2011
DA-4337/CGMP06	0018		\$248,310	6.18 BWG - Crown Corr Material Storage and Double Handling
DA-4337/CGMP07	0039	\$9,279		07.39 Fire Rated Soffits Ductwork Pier Egress Stairs
DA-4337/CGMP07	0040	(\$2,958)		07.40 BWG Discharge Size and Material Change per LADBS
DA-4337/CGMP07	0041	\$61,681		07.41 Design Notice 028 -Gates Add Ceiling at Level 3 of Piers (Mechanical)
DA-4337/CGMP07	0042	\$2,724		07.42 Design Notice 028 -Gates Add Ceiling at Level 3 of Piers (Plumbing)
DA-4337/CGMP08	0024	\$26,358		08.24 Gates LAFD Knox Box Additions
DA-4337/CGMP08	0025	\$16,690		08.25 BWG RFI 2953 - Elect - Explosion Proof Seal Offs In Vaults
DA-4337/CGMP08	0026	\$2,896		08.26 Design Notice 028 -Gates Add Ceiling at Level 3 of Piers (Electrical)
DA-4337/CGMP09	0016	\$49,004		09.16 Ladder Truss Trowel Applied Finish
DA-4337/CGMP09	0017	\$4,464		9.17 RFI 2679 Tug Pass Area Added Soffit Drops
DA-4337/CGMP09	0018	\$1,086		09.18 Gates Architectural and Miscellaneous Steel Components of Escalator
DA-4337/CGMP10	0024	\$62,119		10.24 Level 03 North and South Concourse Remaining Drywall to Mold Resistant Product
DA-4337/CGMP10	0025	\$2,121		10.25 F2 Partition Wall at Gate 134 Pump Room
DA-4337/CGMP10	0026	\$39,331		10.26 Level 3-5 Shearwall Infill at Piers
DA-4337/CGMP10	0027		\$182,050	10.27 FD 0297R1- South Concourse Level 03 Priority Walls with Paperless Drywall
DA-4337/CGMP10	0028	\$1,108		10.28 Change of Wall Type in Level 3 Janitor's Closets
DA-4337/CGMP12	0012	\$40,845		12.12 BWG - Door Location, Size, Frame and Wall Type Discrepancies



Bradley West Element								
DA-4337 - BRADLEY WEST GATES (DA-4337)								
DA-4337/CGMP12	0013	\$28,283		12.13 Gates Architectural and Miscellaneous Steel Components of Escalator Enclosure N21 and N20 (GDN-104)				
DA-4382 - BRADLEY WEST CORE (DA-4382)								
DA-4382/CGMP02	0012	\$20,121		02.12 Continental City - Standby Equipment Due to Unforeseen Geological Conditions				
DA-4382/CGMP02	0013	\$15,797		02.13 Continental City - Additional SWPPP (Silt Fence)				
DA-4382/CGMP02	0014	\$14,959		02.14 CD 0473 - Loading Dock Site Restoration - Infiltration Trench				
DA-4382/CGMP02	0015	\$10,182		02.15 CD 0225R1 Continental City Dewatering				
DA-4382/CGMP02	0016	\$37,581		02.16 Continental City Mitigation of Existing Uncertified Fill - Unforeseen Conditions Pot Holing Clay				
DA-4382/CGMP02	0017	\$76,237		02.17 CCP TBIT West Wall "R" Line Demolition Criteria				
DA-4382/CGMP02	0018	\$1,568		02.18 Continental City Debris Clean Up				
DA-4382/CGMP02	0019		\$277,476	02.19 Backfill for Core Perimeter Foundation				
DA-4382/CGMP02	0020	\$33,629		02.20 CD 0458 - RFI 2626 - TEE Add Bollards, Traffic Paint, and Knox Box				
DA-4382/CGMP03	0042	\$353		03.42 TPAR Fabricate and Install Missing Toll Booth Panel				
DA-4382/CGMP03	0043	\$6,225		03.43 TPAR - Modification to Breaker in P2A Parking Structure				
DA-4382/CGMP03	0044	\$8,292		03.44 TPAR: Removal of Excessive Slurry Backfill in Work Areas 1A, 2A and 2C				
DA-4382/CGMP03	0045	\$27,054		03.45 TPAR CD-0183 Revised 4" Domestic Water Line Routing				
DA-4382/CGMP03	0046	\$7,873		03.46 TPAR: CD-211-TPAR Maintenance Building Utility Disconnects Modification and Add Pedestrian Swing Gate				
DA-4382/CGMP03	0047		\$247,099	03.47 TPAR: CD 0150R4 Standby Generator for Scheduled Electrical Shutdowns				
DA-4382/CGMP03	0048	\$4,456		03.48 TPAR Standby Generators for DWP Shutdown				
DA-4382/CGMP03	0049	\$2,195		03.49 TPAR - Repair Coating on CUP Patio Per RFI 1541 and 2614				
DA-4382/CGMP04	0053	\$38,787		04.53 TEE - Add Clamps to Light Fixtures at Stair 27 and 29				
DA-4382/CGMP04	0054	(\$114,669)		04.54 CD 0118 R1 TEE: De-Scope a portion of work from CD-0118				
DA-4382/CGMP04	0055	\$4,140		04.55 CD 0279 - Pre-Existing Non-Compliant Electrical Conditions and Added Sprinkler Heads at Grid Line 49				
DA-4382/CGMP04	0056	\$18,863		04.56 TEE Paging System Change to Gaitronics Phones				
DA-4382/CGMP04	0057	\$8,609		04.57 CD 0452 - Changes to Lighting and Power Requirements in Rooms 3505.1 and 3507.				
DA-4382/CGMP04	0058	\$7,256		04.58 CD 0328 TEE - Removal of Existing Coaxial Cabling in Room 3501.				
DA-4382/CGMP04	0059	\$10,706		04.59 LDFC - RFI-1536 - Replace CAT 3 Cable with CAT 5e Cable.				
DA-4382/CGMP04	0060		\$691,463	04.60 Not Issued - Created To Cancel Out CGMP 04.47				
DA-4382/CGMP04	0061	(\$678,730)		04.61 Contingency Transfers for Tower Cranes and Man-Hoist				
DA-4382/CGMP04	0062	\$62,613		04.62 Existing Core - West Face Additional Beam Wrap				



Bradley West Element

DA-4382 - BRADLEY WEST CORE (DA-4382)

DA-4382/CGMP04	0063	\$4,741			04.63 CD 0409 ACAM Operations to Elevators C5EL01, C5EL02, C8EL03, and C8EL04
DA-4382/CGMP04	0064	\$27,418			04.64 CD 0509 Addition of Elevator Call Button Stanchions at Elevator C3EL01-02
DA-4382/CGMP04	0065	\$22,706			04.65 CD-0155 Fire Alarm Control Building Changes
DA-4382/CGMP04	0066	\$989			04.66 BWC: TEE Final Fire Sprinkler Testing Delay
DA-4382/CGMP06	0017	\$18,209			06.17 CD 0190R1 Miscellaneous Foundation Revisions Near X7
DA-4382/CGMP06	0018	\$14,568			06.18 CD 0199 - Revised Ceiling Details - Herrick Steel
DA-4382/CGMP06	0019	(\$24,655)			06.19 CD 0270 BWC - Architectural Concrete.
DA-4382/CGMP06	0020		\$268,462		06.20 CD 0181 BWC-Top of Level 3 Wall and Miscellaneous Steel Framing
DA-4382/CGMP06	0021			\$1,012,028	06.21 BWC Level 02 Interstitial Steel Framing
DA-4382/CGMP06	0022	\$10,370			06.22 CD 0220 - CIP Concrete Wall Openings
DA-4382/CGMP06	0023		\$236,205		06.23 CD 0188 - Escalator Support Details
DA-4382/CGMP06	0024	\$20,767			06.24 CD 0189 RFI 1078 - Concrete Shear Wall Openings for Duct at Y9
DA-4382/CGMP06	0025	\$45,848			06.25 CD 0200 Wall Openings and Sleeve Coordination.
DA-4382/CGMP06	0026	\$2,467			06.26 RFI 1587- Top of Column Clarifications X18-Y4
DA-4382/CGMP06	0027	\$16,878			06.27 BWC Structural Steel Design Coordination Revisions
DA-4382/CGMP06	0028	\$2,018			06.28 CD 0403 BWC - Rebar at Shear Wall Along Grid Line 60
DA-4382/CGMP06	0029	\$135,271			06.29 RFI 1605, 0946 - Beams Connecting To WF Moment Columns
DA-4382/CGMP06	0030	\$52,578			06.30 CD-0427 BWC RFI 1253 - Roof Edge Geometry
DA-4382/CGMP06	0031			\$1,144,900	06.31 LAX Core Schedule Reset - Herrick Steel
DA-4382/CGMP08	0023	\$17,690			08.23 CD 0199 CDN 018 - Added Ceiling at Level 3 Piers (Electrical Portion)
DA-4382/CGMP08	0024	\$10,351			08.24 CD 0297 Cable Tray Transition to Conduit Pathway.
DA-4382/CGMP08	0025			\$1,080,995	08.25 Not Issued - Created To Cancel Out CGMP 08.18
DA-4382/CGMP08	0026	(\$1,061,089)			08.26 Contingency Transfer for Tower Cranes and Man-Hoist
DA-4382/CGMP08	0027	\$3,066			08.27 RFI 2016 - BWC - Mech - Fan Coil Unit 3.10 Support Details/Duct and Diffuser Sizes
DA-4382/CGMP08	0028	\$5,085			08.28 BWC RFI 1142 - Elec 3CNMMS1 Switchboard Feeder Schedule, CD 0493R1
DA-4382/CGMP08	0029	\$56,851			08.29 CD 0296 RFI 1548, Telecom- Cable Tray at Circulation 3C4-40 and Inbound Baggage 3C3-10
DA-4382/CGMP08	0030	\$49,650			08.30 BWC Telecom-Cable Tray North of Grid T/47
DA-4382/CGMP08	0031	\$2,022			08.31 BWC Remove Existing Exterior CCTV Cameras
DA-4382/CGMP08	0032	\$911			08.32 RFI 1867 BWC Mech - EF C7.1 Duct Riser and Steel Conflict
DA-4382/CGMP08	0033	\$51,507			08.33 CD 0380, RFI 1487 BWC MECH - VAV C2.10, 11, 14 Main Duct



Bradley West Element

DA-4382 - BRADLEY WEST CORE (DA-4382)

DA-4382/CGMP08	0034	\$3,419		08.34 CD 0593 - LD3 Conflict with Steel Beam at Level 3
DA-4382/CGMP08	0035	\$55,439		08.35 CD 0221 - BWC Added Core MEP BIM Coordination Effort
DA-4382/CGMP08	0036	\$24,678		08.36 CD 0221 - BWC Added Core MEP BIM Coordination Effort
DA-4382/CGMP08	0037	\$24,065		08.37 CD 0221 - BWC Added Core MEP BIM Coordination Effort
DA-4382/CGMP08	0038	\$4,506		08.38 CD 0221 - BWC Added Core MEP BIM Coordination Effort
DA-4382/CGMP08	0039	\$26,534		08.39 CD 0332 RFI 1302 - Telecom Conduits from TR 3C4-03 and North Concourse to TR 2C7-18
DA-4382/CGMP08	0040	\$21,268		08.40 CD 0298 RFI 1303, Split Four Inch Conduit Rack Into Two Racks
DA-4382/CGMP08	0041	\$11,615		08.41 CD 0263 - BWC-Security Conflicts Between Security Floor Plans, ACAMS Riser and ACAMS Point Schedule
DA-4382/CGMP08	0042	\$1,935		08.42 CD-0344 BWC Telecom Raceway Design Coordination
DA-4382/CGMP08	0043	\$39,404		08.43 CD 0303 BWC Telecom Conduit Routing Southwest Corner Area 5
DA-4382/CGMP08	0044	(\$39,378)		08.44 CD 0313 BWC Fire Alarm Specification 28 3100 - Removal of Fireman's Telephone
DA-4382/CGMP08	0045	\$4,804		08.45 RFI 1969 BWC - Mech - Circulation 4C1-35 CD-4 Locations
DA-4382/CGMP09	0010		\$474,314	09.10 Not Issued - Created To Cancel Out CGMP 09.08
DA-4382/CGMP09	0011	(\$465,580)		09.11 Contingency Transfer for Tower Cranes and Man-Hoist
DA-4382/CGMP09	0012	\$115,186		09.12 CD 0535, RFI 2847 - Added Metal Stud Bracing at Outer Structural Beams.
DA-4382/CGMP11	0003	\$78,376		11.03 BHS Early On-Site Coordination and BIM Support
DA-4382/CGMP12	0010		\$198,551	12.10 Not Issued - Created To Cancel Out CGMP 12.08
DA-4382/CGMP12	0011	(\$194,895)		12.11 Contingency Transfer for Tower Cranes and Man-Hoist
DA-4382/CGMP12	0012	\$25,081		12.12 CD 0221 - BWC Added Core MEP BIM Coordination Effort
DA-4382/CGMP12	0013	\$9,029		12.13 RFI 2702 - Added Sheetrock for Fire Rating at Restroom Walls (CD-0746)
DA-4382/CGMP13	8000		\$486,602	13.08 Not Issued - Created to Cancel Out CGMP 13.05
DA-4382/CGMP13	0009	(\$477,643)		13.09 Contingency Transfers for Tower Cranes and Man-Hoist
DA-4382/CGMP13	0010	\$1,258		13.10 CD 0593 - LD3 Conflict with Steel Beams at Level 3



CHANGE ORDERS - Continued as of 8/31/2011

Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes			
CUP Replacement Element								
C001A - CENTRAL UTILITY PLANT								
DA-4554/0000	0005	\$149,889			Co-Generation Isolation Breakers			

Utilities & Infrastructure Element

Landside Element

Residential/Soundproofing Element

Terminal Element

T001A - ELEVATORS AND ESCALATORS REPLACEMENT

DA-4344 0005 \$8,359 Escalators T2-3, T2-7 and S3-6 maintenance and operational inspection.



Bradley West- Gates

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE	
DESIGN EVOLUTION	28,536,453	596,583	29,133,036	4.69%	
DOCUMENT CORRECTION	9,153,101	1,018,554	10,171,655	1.64%	
FIELD CONDITIONS	2,256,858	664,925	2,921,783	0.47%	
OWNER BETTERMENT	38,098	618,114	656,212	0.11%	
CODE REQUIREMENT	695,405	73,546	768,951	0.12%	
INSPECTION RESULT	0	4,450	4,450	0.00%	
TOTAL	40,679,915	2,976,172	43,656,087	7.02%	



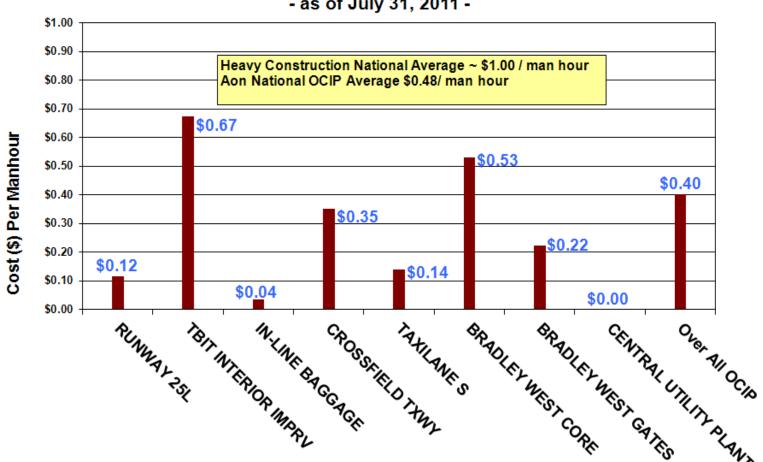
Bradley West- CORE

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE) APPROVED CHANGES (CUMMULATIVE)		SUBTOTAL	% OF CONTRACT VALUE
DESIGN EVOLUTION	27,902,286	611,889	28,514,175	4.58%
DOCUMENT CORRECTION	2,403,972	1,077,116	3,481,088	0.56%
FIELD CONDITIONS	3,667,135	1,915,057	5,582,192	0.90%
OWNER BETTERMENT	7,458,626	740,813	8,199,439	1.32%
CODE REQUIREMENT	3,270,254	49,317	3,319,571	0.53%
TOTAL	44,702,273	4,394,192	49,096,465	7.89%



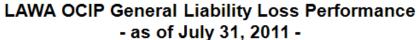
OCIP as of 7/31/2011

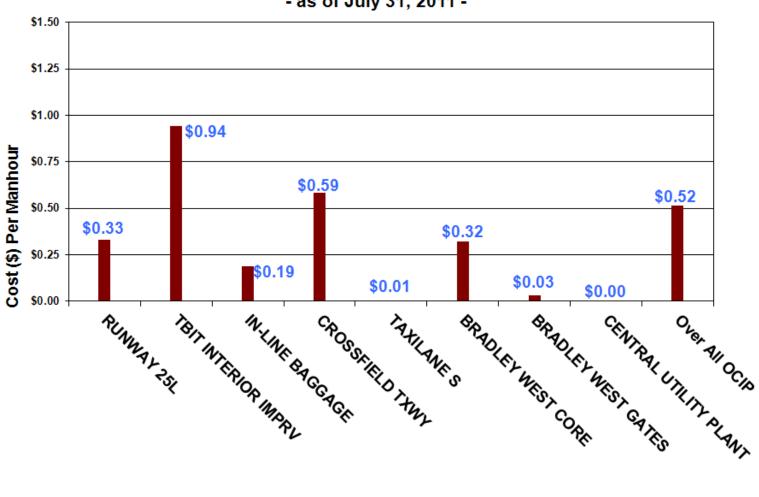
LAWA OCIP Workers Compensation Loss Performance - as of July 31, 2011 -





OCIP - Continued as of 7/31/2011

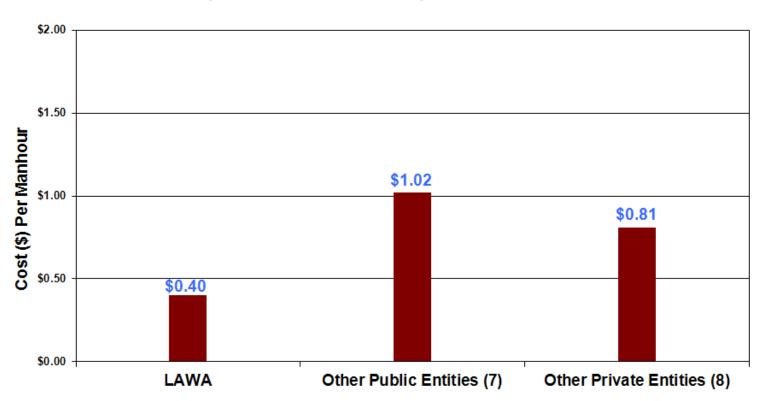






OCIP - Continued as of 7/31/2011

Current Large OCIP Projects Comparison of Workers Comp Costs Per Manhour





MWBE/DBE

Subcontractor Utilization Summary Report as of 7/31/2011

Α						Partic	ipation to Date*		
Firm	Contract No.	DBE or M/WBE Contract	Proposed Lev Participation		M/WBE [DBE		Remarks
AECOM Technical Services, Inc.	DA-4260	DBE	12.00	%	N/A	%	20.40	%	
Arcadis	DA-4413	M/WBE	20.00	%	0.00	%	N/A	%	Limited scope of work authorized to date.
CH2M Hill	DA-4414	M/WBE	22.00	%	31.72	%	N/A	%	
Clark / McCarthy Joint Venture	DA-4554	M/WBE	20.10	%	4.18	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	17.68	%	6.59	%	
Flatiron West, Inc.	DA-4398	DBE	1.00	%	0.77	%	12.53	%	
Griffith Company	DA-4338	M/WBE	6.60	%	2.24	%	N/A	%	
Griffith Company	DA-4478	M/WBE	23.70	%	23.30	%	N/A	%	
Griffith Company	DA-4498	DBE	0.35	%	1.02	%	0.00	%	
Hatch Mott MacDonald, LLC	DA-4275	DBE	11.63	%	N/A	%	20.21	%	
Hellmuth, Obata + Kassabaum, Inc.	DA-4313	M/WBE	25.00	%	38.66	%	N/A	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	0.00	%	N/A	%	MBE subcontractor approval in process.
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00	%	0.00	%	N/A	%	Limited scope of work authorized to date.
Paragon Project Resources, Inc. Closed	DA-4332	M/WBE	16.00	%	5.57	%	N/A	%	
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00	%	55.22	%	N/A	%	
Paslay Management Group	DA-4324	M/WBE	10.00	%	18.22	%	N/A	%	
Post, Buckley, Schuh & Jernigan, Inc.	DA-4515	DBE	24.00	%	N/A	%	29.53	%	
Praxis Integrated Communications	DA-4541	M/WBE	10.00	%	0.00	%	N/A	%	MBE subcontractor approval in process.
Vanir Construction Management, Inc.	DA-4416	M/WBE	20.00	%	17.42	%	N/A	%	
W.E. O'Neil	DA-4371	M/WBE	6.80	%	11.02	%	N/A	%	
Walsh Austin Joint Venture - Pre-Construction (Gates)	DA-4337	M/WBE	20.00	%	30.10	%	N/A	%	
Walsh Austin Joint Venture - Construction (Gates)	DA-4337	M/WBE	14.00	%	14.97	%	N/A	%	
Walsh Austin Joint Venture - Pre-Construction (Core)	DA-4382	M/WBE	20.00	%	25.84	%	N/A	%	
Walsh Austin Joint Venture - Construction (Core)	DA-4382	M/WBE	14.00	%	13.01	%	N/A	%	
Total Participation:	N/A	N/A	N/A	N/A)	5.378%		
Total Combined Participation:	N/A	N/A	N/A		17.619%		19%		

^{*}Achieved Participation to Date includes progress in the pledged program and progress outside of the pledge.