





# **Airports Development**

**Executive Management** 

Program Status Report

August 31, 2012



# **TABLE OF CONTENTS**

Project Status	3
Work in Progress	40
Schedule	53
Financial	60
OCIP	
MWBE/DBE	94



# **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.

#### **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 - 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**

All work is substantially complete and all taxiways are open and in operation.

### **Budget Status**

Project is within budget and is being closely monitored.



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

#### **Schedule Status**

- \* Construction Notice to Proceed for the project was issued on March 1, 2010.
- \* Construction contract was awarded to Flatiron West, Inc. (FWI) on December 7, 2009.
- \* Taxiway T opened on September 27, 2011.
- \* Taxiway D opened on October 4, 2011.
- \* Taxilane S opened on November 17, 2011.
- \* Taxiway E opened April 20, 2012.
- \* Ramp pavement west of Bradley West Terminal and adjacent to Taxilane S was completed on April 13, 2012.
- \* New Security Post #5 was substantially completed on June 8, 2012.
- \* Project substantial completion occurred June 30, 2012.

#### <u>Issues</u>

The Contractor has submitted a group of large potential overall project impact claims. ADG is evaluating these impact claims for merit and is closely monitoring all Project Budget Cost.

The 24-inch fire water line failed under Taxilane S on August 15, 2012. The project team is investigating the cause of the failure and the best method for repair along with the extent of the damage to the Taxilane S pavement and base materials.



# 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-foot 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 work which consists of TWA Hangar Retrofit/Demo, an Emission Reduction Credit, and Site Restoration of American Airlines former Low Bay Hangar and ramp.

## **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

The design contract for Taxiway T was awarded to Kimley Horn & Associates. LAWA is evaluating various Taxiway T phasing alternatives to mitigate potential tenant impacts, while addressing the FAA's desire to complete full Taxiway T construction as soon as possible.

### **Construction Progress**

The enabling demolition construction contract was awarded to Evans Brothers and is 55% complete.

#### **Budget Status**

This project is tracking on budget.

This project is eligible for 75% FAA reimbursement under the existing MOA/LOI.

## **Schedule Status**

The design of Taxiway T - Phase 1, consisting of the southern portion of Taxiway T, is anticipated to complete in late October 2012.

#### <u>Issues</u>

Various phasing options have been discussed with the FAA.



# **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 was awarded to Griffith Construction on April 21, 2009.

Work on the fire water main at Pershing Drive and World Way West is complete.

Overall construction progress is 90% complete.

# **Budget Status**

The extended contract duration may require additional soft cost budget.

### **Schedule Status**

The project is tracking on schedule.

#### Issues



# AIRSIDE ELEMENT - Runway Safety Area Improvements Project - South Side (A014A)

### **Project Description**

This project will make improvements to the Runway Safety Area (RSA) on the west end of Runway 7L/25R, to meet FAA Standards and meet Federal mandated improvements by end of 2015. The project will extend the west end of Runway 7L/25R by approximately 850 feet to provide the full 1,000 feet clearance requirement for the RSA. This project will also require demolition of existing taxiway connector B16, 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.

#### **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 30% complete.

The Board has awarded the contract for Professional Design Services to HNTB, Inc. on August 20, 2012. The design work is anticipated to begin in September 2012.

# **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>



# **AIRSIDE ELEMENT - Taxilane D-10 Reconstruction (A018A)**

# **Project Description**

This project consists of reconstructing approximately 5,000 square yards main centerline portion of Taxilane D-10 in Portland Cement Concrete (PCC), along with PCC apron repairs and fueling hydrant relocations in the ramp area around Terminal 3 at LAX. Alaska Airlines is scheduled to relocate their operations from Terminal 3 to Terminal 6 in early April 2012. For a period of approximately six (6) months, the apron at Terminal 3 will be partially vacated of aircraft traffic. This provides LAWA a brief window of opportunity to make pavement repairs and improvements.

#### **Planning and Programming Status**

Project definition is complete.

# **Design Progress**

Design is 100% complete.

### **Construction Progress**

Construction contract in the amount of \$6,383,321 was awarded to Sully-Miller Contracting on March 5, 2012.

Work on Phase 1, the modification to airfield pavements and fueling systems West of Terminal 3, was completed on August 31, 2012.

Work on Phase 2, the Keel Section of Taxilane D10, was completed on August 5, 2012 allowing the re-opening of Taxilane D-10 two (2) weeks ahead of schedule. Gate 33A was re-opened on August 18, 2012.

Overall construction is 60% complete.

# **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

Notice to Proceed for Phase 3, the T-3 East Aprons, is anticipated to be issued on September 4, 2012.

The taxilane was opened two (2) weeks ahead of schedule; and the overall project is trending ahead of schedule.

#### Issues



# AIRSIDE ELEMENT - Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension (A012A)

### **Project Description**

The purpose of the project is to rehabilitate the deteriorating concrete pavement at the east end of Runway 25R/7L and Taxiway B. The project also includes the easterly extension of Taxiway C to end of the Runway 25R. The project will include full reconstruction of the Runway 25R from the east end of the runway to Taxiway F. The 50-foot wide main wheel gear section of Runway 25R will be reconstructed from Taxiway F to Taxiway N. The project will also reconstruct the east end of Taxiway B from Taxiway F to the eastern end of Runway 25R. The project also includes the extension of Taxiway C from Taxiway F to the east end of Runway 25R.

#### **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

30% design is complete.

The Board awarded the contract for Professional Design Services to HNTB, Inc. on August 20, 2012. The design work is anticipated to begin in September 2012.

# **Construction Progress**

No construction contract has been awarded.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

Project is tracking on schedule.

#### <u>Issues</u>



# 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**

All work is substantially complete and taxiways are open and in operation.

#### **Budget Status**

This project was completed under budget; and the financial close-out is anticipated in October 2012.

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**

Project close-out is in progress.

#### <u>Issues</u>



# **AIRSIDE 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 in the amount of \$4,723,789 was awarded to Stronghold Engineering on August 15, 2011.

The contractor is continuing to install Type 1 fencing and Type 2 fencining in the southeast section.

Construction is 45% complete.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

This project is tracking on schedule.

#### <u>Issues</u>



This page is intentionally blank.



# **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) and IWBT. 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 98% complete.

## **Construction Progress**

Gate #134 Substantial Completion Achieved / Activation underway.

Continued Finish Work in the balance of the North Concourse on-going - including Flooring, Ceiling Work, Panel & Drywall installation, etc.

Flooring & Elevator/Escalator installation/inspection on-going in North Concourse Piers.

PBB installation at Gate #132 continues.

Punchlist items underway in Bus Gates Connector.

MEP Rough-in activities on-going through the South Concourse.

Build-out of South Concourse Electrical, Mechanical and IT Rooms move forward.

Framing for Binnacles continue throughout the South Concourse

South Concourse High Ceiling work continues - GFRP Framing & Wraps.

Metal Panel installation on South Concourse roofs is on-going.

MEP Rough-in, Enclosures & Elevator Prep Work continues on South Concourse Piers.

#### **Budget Status**

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



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

#### **Schedule Status**

Early Operation of Gate 134/134A

Target Date: 08/01/12 Forecast Date: 8/01/12

West Gates Substantial Completion

Target Date: Mar-2013 Forecast Date: Mar-2013

# <u>Issues</u>

Gate #134 Substantial Completion Achieved on 8/1/12. Early operation of Gate #134 expected in September 2012.

Due to the schedule requirements of the project, specific components of acceleration continue to be purchased, such as curtainwall, roofing, MEP trades and elevator/escalators crews.



# **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-sq ft 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 TBIT Phase 0,and 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 90% complete.

### **Construction Progress**

Metal Panel installation at the Soffits on-going in Area #1.

Erection of Exterior Scaffolding at Area #2 underway.

Curtainwall units being installed in Area #3

Prep Work for SOMD Pours at Gate #148 on-going.

General MEP Rough-In activities moving forward throughout all Areas.

Baggage Handling System installation continues in the Core Basement.\

High Ceiling Work (Level 4) on-going in all Areas.

Build-out of Electrical & IT Rooms continues.

Terrazzo on Levels 1 & 3 moves forward.

#### **Budget Status**

Component Guaranteed Maximum Price 01 through 20 have been approved by the Board. Buyout is complete.

## **Schedule Status**

Milestone #3 - New Core Construction Complete

Target Date: Mar-2013 Forecast Date: Mar-2013



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

# <u>Issues</u>

Due to the schedule requirements of the project, specific components of acceleration continue to be purchased, such as curtainwall, roofing, MEP trades and elevator/escalators crews.



# BRADLEY WEST ELEMENT - Bradley West Traffic Mitigations -World Way South/Center Way (M203C)

#### **Project Description**

This project will allow for the mitigation measure related to the Bradley West Project EIR to be implemented at this intersection, specifically widening World Way South at the approach at Center Way to provide an additional right turn lane. In addition, this project will address additional opportunities for improvements to the intersection, including adjustments to curb radii to allow for better and safer turning of vehicles, upgrades to the ADA access ramps to bring them to current standards and other miscellaneous and related improvements.

### **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

A design services task order is being developed.

# **Construction Progress**

No construction contract has been awarded.

### **Budget Status**

The project is tracking on budget.

# **Schedule Status**

Project is tracking on schedule.

#### <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**

The Art Oversight Committee (AOC) reviewed six applications in response to their invitation and selected three finalists: Ball-Nogues Design Studio; Mark Bradford; and Pae White Studio.

The Department of Cultural Affairs has initiated contracts with the selected finalists for \$1 million each; and is monitoring the artists' progress with established payment milestones. Ball-Nogues' artwork will be located in the North Light Well; Mark Bradford's artwork will be located in the existing TBIT building, Ticketing Lobby (Mezzanine Level); and Pae White's artwork will be located in the Sterile Corridor.

# **Design Progress**

Ball-Nogues Studio: ADG is reviewing the Artists' proposed lighting plan. ADG may request a lighting estimate from WAJV if it is not feasible for the Artists to oversee the installation of the lighting. The Artists will seek Final Approval from the Cultural Affairs Commission on September 20, as well as meet with the Public Art Committee for a technical review on the same day.

Pae White: The goal is to achieve artwork approvals by LAWA, CBP, LADBS, LAFD, and DCA by late September. The Artist provide an updated set of drawings, bracket design, bracket distribution coordinate system, cord specifications, cord fire tests, and cord colors. The Artist designed a custom bracket; LAWA is reviewing the design, color, and number of brackets. CBP reviewed and approved the artwork on the condition that the CBP cables will be adjusted to meet the original specified tension. The Artist's fabricator will submit the permit package in mid-September. The Artist will seek Final Approval from the Cultural Affairs Commission on September 20, as well as meet with the Public Art Committee for a technical review on the same day.

Mark Bradford: The Artist is continuing design development and addressing the interior of the artwork to create more visual interest and a cohesive surface. The Artist is nearing 50% design completion. LAWA will schedule a follow up meeting for mid-September to review the design progress. The Artist is reviewing potential materials for fire retardant levels, as well as interviewing possible fabricators. The Artist will likely seek Final Approval from the Cultural Affairs Commission in October.



# BRADLEY WEST ELEMENT - Art In Public Places (M308A) - Continued

# **Construction Progress**

Fabrication for the artworks has not started. Once the Artists have received Final Approval from the Cultural Affairs Commission, the Artists will receive a NTP with fabrication. Further notes on the specific projects:

Ball-Nogues Studio: The Artists will need a five-month lead time for ordering materials until delivery for the project. Within this period, the ball chain will be purchased, manufactured, shipped to the painter, painted, spooled, and then delivered to the Artists. After the Artists receive the material, they will begin cutting and assembly, which will take approximately two to three months.

Pae White Studio: The long lead item for fabrication is the bracket extrusion. Approval of the artwork installation details by LAWA, DCA and LADBS as well as CBP is required prior to fabrication.

### **Budget Status**

The Artists have received their second milestone payments. This project is tracking to the budget.

#### **Schedule Status**

Ball Nogues: Due to delays with the development of the window washing system and the cancellation of the August Cultural Affairs Commission meeting, the Artists anticipate a delayed installation date of July 2013.

Pae White: The Artist will need to complete installation within the North Concourse by late November to meet a mid-December opening.

Mark Bradford: The Artist's project is anticipated to complete on schedule.

#### <u>Issues</u>

Pae White: The CBP cables may need to be re-tensioned after the artwork is installed to maintain CBP's required 4" gap between its cables. The artwork cables can only be tensioned once, at the time of installation. The Artist's fabricators/installers are not eligible for bonding, which could impact the installation schedule. The Artist noticed some construction variances within the steel beams of the built Sterile Corridor. The drawings show a ¾" gap, but the Artist's field measurements are ¼" for the gap. ADG is studying these variances and the Artist's fabricators are reviewing possible solutions.



# BRADLEY WEST ELEMENT - Bradley West Core Renovation/East Ramp and Concourse Demo Project (M402A)

### **Project Description**

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.

Renovation scope includes the existing TBIT Core enlargement of space used by the FIS and the Customs and Border Patrol (CBP); construction secure/sterile passenger corridors between TBIT and Terminals 4 and re-configuration of the security screening checkpoint.

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**

Design for Renovation & Core Connection is 100% complete. Design for the Apron reconstruction is 80% complete.

#### **Construction Progress**

The CMAR procurement process is scheduled to commence in Fall 2012.

# **Budget Status**

The project is trending on budget.

# **Schedule Status**

The project is tracking on schedule.

#### <u>Issues</u>



# **BRADLEY WEST ELEMENT - New Face of CTA - Phase 1 (M403A)**

# **Project Description**

This portion of the new face of the CTA project takes place at both the Departures and Arrivals level of the Tom Bradley International Terminal (TBIT). Scope at the Departures levels is focused on replacement of existing space frame canopies from over the three terminal entryways and from over the north and south escalator complexes. They will be replaced and augmented with new contemporary canopies along the curbside, at the three main entryways and over the escalators. Work at the Arrivals level will reconfigure and improve the exiting vestibules by demolishing existing planters and paving, raising the general site to street level and installing new lighting, planters and landscaping. The landscaping will include new plant material in planters at the Departures level that overlook Arrivals.

# **Planning and Programming Status**

Project definition is complete.

# **Design Progress**

Design is 80% complete.

# **Construction Progress**

Construction is scheduled to commence in June 2012.

# **Budget Status**

The project is trending on budget.

#### **Schedule Status**

Construction has commenced.

#### <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:

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**

Control Room Design: A physical mock-up of the new CUP control room has been installed in the control room space. The goal of the mock-up is to allow the control operators to experience the space and insure that the location and size of the various components (control console, wall mounted displays, etc.) are usable and provide an efficient working space. Final detail design decisions based on the mock-up will be made in September 2012.

Commissioning and Training: The detailed training plan has been received and is under review. A detailed Commissioning Plan - West Cooling Tower Commissioning also received in August 2012, was rejected as being incomplete. Increasing quantities of O&M information is being received. A major goal for the next several months is to make sure that the CMJV effort in this area supports both the requirements of the training plan and the Project's O&M specifications.



# **CUP REPLACEMENT - Central Utility Plant (C001A) - Continued**

### **Construction Progress**

Within the CUP Building, the main electrical room for the CUP, located in the northeast corner of the building, is essentially ready for turnover to the electrical contractor to commence delivery of main electrical panels in September 2012. Overhead painting, ductwork, floor finish surface, painting of walls is complete and ready for the electrical contractor to commence his activities.

The erection of the support steel for the CUP Building's external cladding is nearing completion; and external board has been installed across the entire east elevation. Installation of internal systems such as duct work, fire systems, domestic water lines and plumbing systems as well as interior wall framing, hanging of drywall and masonry work are all making good progress inside the CUP.

Pipe installation from the corner of World Way West and World Way North to Center Way North is complete and the cross walk to TBIT has been restored. Vault 2 construction (corner of Center Way and World Way) continues and with the completion of roof and access scaffold remaining to be completed. The pipe installation along Center Way North from World Way West to the East to the vendor lot 3 exit is complete including the backfill except for the vent locations. The pipe installs along World Way North to Terminal 3 tunnel are complete but not backfilled. The major pipe jacking under World Way "The Knuckle" to Bradley West Terminal is complete.

#### **Budget Status**

This project is tracking to budget.

# **Schedule Status**

CMJV's schedule update was submitted for July 2012 and is under review.

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

### <u>Issues</u>

LAWA is working with CMJV to clarify floor drains requirements for the Chillers and Pumps which may result in re-work of portions of the floors. There is a coordination for the wet and dry utilities in the Bradley West East Apron area.



# 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 (SLR) 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 bridge inspection report.

## **Planning and Programming Status**

Project Definition is complete.

## **Design Progress**

The 65% design is in progress.

## **Construction Progress**

No construction contract awarded.

# **Budget Status**

This project budget may be impacted by the additional repair work being identified.

#### **Schedule Status**

This project schedule may be impacted by the additional repair work being identified.

# <u>Issues</u>

The Design Team has identified additional work and is developing recommendations which include budget and schedule impacts.



# **LANDSIDE ELEMENT - Coastal Dunes Improvement Project (L012A)**

# **Project Description**

This project proposes to restore the coastal dunes to a more natural state by removing existing pavement from certain abandoned streets and sidewalks and 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**

The LADBS permit clearances including City Planning are in progress. The Habitat Plan is being revised and finalized as it will be a part of the formal Coastal Commission Application.

## **Construction Progress**

No construction contract awarded.

#### **Budget Status**

This project is tracking on budget; though a prolonged CEQA analysis, described within the Issues below, may impact the project budget.

#### **Schedule Status**

This project is trending on schedule.

#### <u>Issues</u>

The California Coastal Commission is the lead permitting agency for this project. The Commission recently opined that an analysis of the project's potential environmental impacts may be required under the California Environmental Quality Act (CEQA). Performance of the CEQA analysis could delay implementation of this project by nine to 12 months.



# LANDSIDE ELEMENT - 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. The project scope includes hazardous material survey and abatement, demolition of structures, legal disposal of demolition debris; all regulatory notifications and permits; temporary and permanent fencing and site security; recycling of salvageable materials; dust and noise control; and site grading, irrigation and landscaping.

#### **Planning and Programming Status**

The Project Definition is complete.

#### **Design Progress**

Design is complete.

# **Construction Progress**

The construction contract was advertised on August 29, 2012; and the pre-bid conference is scheduled for September 2012.

### **Budget Status**

The project is tracking on budget.

# **Schedule Status**

The project is trending on schedule.

# <u>Issues</u>



# **LANDSIDE ELEMENT - Jenny Lot Site Modifications (L016A)**

# **Project Description**

This project entails the construction of a roughly 1,900-space parking lot. Commonly called the Jenny Lot (or, alternatively the "Former Hertz Lot"), this property is bounded on the west by Jenny Street, on the south by Westchester Parkway, on the east by Airport Boulevard, and on the north by the Carl E. Nielsen Youth Park/Interceptor Street/Yorktown Avenue. Improvements include hazardous materials abatement and removal, demolition of existing facilities, grading, striping, signage, and installation of lights, hydrants, fences and gates.

#### **Planning and Programming Status**

The Project Definition is complete.

#### **Design Progress**

Design is 100% complete.

# **Construction Progress**

GSD has completed the Hazmat abatement and demolition of existing structures. The utility excavation is complete; and electrical conduit, fire water lines and light pole foundation installation work is underway.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

The project is tracking on schedule.

#### <u>Issues</u>

Parking control equipment may be added to the project scope; which may impact the project budget.

The excavated soil is unsuitable for backfill and will need to be disposed off site.



# 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**

Design is underway for the next set of qualified units.

## **Construction Progress**

Currently there are six construction contracts ongoing.

This component of the Noise Mitigation / Soundproofing Program is 91% 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>



# **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 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; and the Notice to Proceed was issued on September 29, 2011.

# **Budget Status**

This project is tracking on budget.

# **Schedule Status**

The project is trending on schedule.

#### <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 100% complete.

Parking Garage elevators replacements design began late July 2012. A five month design duration is anticipated.

# **Construction Progress**

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

Construction is 100% complete. Change Order scope of work is complete and the contract has been closed out.

Priority II - Procurement - Fabrication is at 44%. Eleven units in service.

Priority II-IV Site Mods - Fully executed contracts received and Notice to Proceed issued on June 20, 2012.

Priority II-IV GC MRL Elevators - Combined with the Priority II-IV Site Mods.

Parking Structure MRL Elevators - Design contract was awarded April 2012. Site investigation work underway and design has begun.

# **Budget Status**

The two completed contracts have finished within budget; and the financial close-out is underway. The remaining contracts remain within budget.

## **Schedule Status**

Priority II-IV Site Mods contract began June 20, 2012. First units began installation in July 2012.

#### <u>Issues</u>

The remaining KONE contract extension issues have been negotiated and the contract completion was June 22, 2012.



# **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 (T1) and 2 (T2) 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, annunciation 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.

Design was completed and permits were obtained from Los Angeles Fire Department in February 2012.

# **Construction Progress**

The contract award was approved by the Board in August 2011; an Administrative Notice-to-Proceed was issued in October 2011 and Construction NTP issued November 23, 2011.

Construction work at Terminal 1 is nearing 85% complete and the work in Terminal 2 is nearing 55% complete.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

A revised recovery schedule will be submitted for approval due to changes in subcontractor (see Issues below).

#### <u>Issues</u>

The new subcontractors are on-board to perform work in the Custom Area; replacing the other subcontractors that were unable to obtain the custom bond.



# **TERMINAL ELEMENT - Terminal 3 Backfill Project (T015A)**

# **Project Description**

This project seeks to enliven the passenger experience within Terminal 3 and includes improvements in both the Ticket Lobby and Satellite Areas. Ticket Lobby improvements include: new terrazzo flooring; ceiling and lighting treatments; wall finishes; and ticket counter replacement. The Satellite improvements primarily consist of new gate counters and information technology improvements.

#### **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

The design is complete.

#### **Construction Progress**

General Services Division (GSD) has been given Task Orders for this project; and construction was started in April 23, 2012. Phase 1 is anticipated to complete in September 2012; and consists of 11 of 18 ticket positions, the terrazzo flooring and ceiling renovations. Overall construction progress is 25% complete.

#### **Budget Status**

The budget impact of the additional flooring work is being evaluated.

#### **Schedule Status**

Gates 30 through 33A were opened ahead of schedule on August 31, 2012. Overall, this project is trending ahead of schedule.

#### <u>Issues</u>

There is additional flooring work caused by unforeseen conditions which may impact the budget.



# **TERMINAL ELEMENT - ADA Accessibility Improvements (T016A)**

# **Project Description**

Los Angeles International Airport (LAX), during its continuous periods of remodeling, has always strived to maintain an accessible facility with all new work. Ongoing changes to the airport Central Terminal Area (CTA), which include all nine terminal buildings, eight parking structures, administrative building, Central Utility Plant, Control Tower, the Theme Building, surface parking lots and all the interconnected roadways and sidewalks, have attempted to keep up with the accessibility requirements needed for total access. Due to the complexities of the projects and the changing requirements found in later additions of the access codes, it was found that some CTA elements could be improved. This project implements those improvements.

#### **Planning and Programming Status**

The Project Definition phase is complete.

# **Design Progress**

Phase 1A - Design is 100% complete.

Phase 1B/1C - The design procurement is underway.

## **Construction Progress**

Phase 1A - Construction is 90% complete.

Phase 1B/1C - The construction procurement strategy is being finalized.

#### **Budget Status**

The project is trending on budget; though a potential cost impact is being evaluated.

#### **Schedule Status**

The project is tracking on schedule.

#### **Issues**

A proposal to perform the demolition and construction of half a ramp at a time is being evaluated. This option is preferable, since it keeps part of the ramp open throughout the construction process. However, there is a cost impact which is being evaluated.



### **TERMINAL ELEMENT - Concessions Enabling Project (T017A)**

#### **Project Description**

This project undertakes the initial renovation and upgrading of various fire protection components, electrical distribution elements, accessibility issues in Terminals 4, 5, 7 and 8; as a precursor to the Concessions Redevelopment Program.

#### **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

Each terminal will have its own design schedule. Design is underway for Terminals 5 and 7.

#### **Construction Progress**

The Electrical Work in Terminal 5 is complete and being turned over to the Facilities Management Group.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The project is trending on schedule.

#### <u>Issues</u>

None at this time.



### **TERMINAL ELEMENT - T-2 400-Hz Power System Upgrade (T018A)**

#### **Project Description**

This project consists of replacing the existing 400-Hz power system at Terminal 2 with a new system that provides 180kVa (wide-body capacity) at 8 aircraft gates; and maintains 90kVa (narrow-body capacity) at 2 aircraft gates. This will eliminate the need for aircrafts to idle their engines on the apron.

#### **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

The contracting strategy for design services is developed; and the selection is underway.

#### **Construction Progress**

No construction contract is awarded.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The project is trending on schedule.

#### <u>Issues</u>

None at this time.



### **TERMINAL ELEMENT - T-2 EDS Behind the Wall Project (T019A)**

#### **Project Description**

This project consists of removing the six (6) CTX (EDS) machines that are currently located in the T-2 ticketing lobby and replacing them with six (6) 5500 CTX machines in a newly constructed Checked Baggage Resolution Area (CBRA) Room to be located on the Apron. The project also includes repairs to the flooring after moving the machines from the lobby, modifications to the baggage conveyor system, project specific electrical modifications and a complete upgrade to the existing Computer Control System.

#### **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

The contracting strategy for design services is developed; and the selection is underway.

#### **Construction Progress**

No construction contract is awarded.

#### **Budget Status**

The project is trending on budget.

#### **Schedule Status**

The project is tracking to schedule.

#### <u>Issues</u>

None at this time.



#### **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 - VNY Runway 16R (A016A)**

#### **Project Description**

The project consists of the reconstruction of Runway 16R and the run-up area at Van Nuys Airport, including the removal of existing deteriorating pavement, construction of a new structural asphalt concrete (AC) pavement section, pavement markings, and lighting systems. The new pavement shall be designed to meet current and future anticipated aircraft operational demands.

#### **Issues / Status**

The construction contract bid opening was held on August 28, 2012. Four bids were received and are currently being evaluated.



### **WORK IN PROGRESS - West Maintenance Area (A017A)**

#### **Project Description**

This project entails the construction of approximately 200,000sy (41 acres of aircraft apron) that will tie into the west side of Taxiway AA south of World Way West Road and Taxiway B and 100,000sy (21 acres) of area rough grading for proposed hangar and parking improvements, that may be developed by a third-party. Associated ancillary improvements include: demolition of existing facilities, ground run-up enclosure, edge lighting, signage, flood lighting, wash rack and recycling system, Remain-Overnight Parking (RON) kits (ground power, potable water, pre-conditioned air), vehicle charging stations, storm drainage, etc.

#### Issues / Status

The project definition is nearing completion.



## WORK IN PROGRESS - ONT Runway 8L RSA Improvement (A019A)

#### **Project Description**

The project will provide a FAA standard Runway Safety Area (RSA). The improvements consist of: Regrading portions of the runway, relocating portions of the service roads, culvert work in the West Cucamonga Channel and re-alignment of perimeter fencing in the impacted areas.

#### **Issues / Status**



This page is intentionally blank.



### **WORK IN PROGRESS - Terminal 4 Connector (T011A)**

#### **Project Description**

The project consists of the design and construction of a CAL Green certified, multi-use, multi-level facility including a Checked Baggage Inspection System (CBIS), South Matrix Interline Baggage Transfer facility, five lane Passenger Security Screening Check Point (SSCP), South Terminals Passenger Busport, Upper Level World Way Public Plaza, and a Secure Passenger connection between Tom Bradley International Terminal (TBIT) and Terminal 4.

#### **Issues** / Status

The solicitation for a design-build contractor is being developed and is expected to be released in September 2012.



## WORK IN PROGRESS - New Face of the CTA - Phase 2 (T012A)

#### **Project Description**

This project implements various improvements that will dramatically enhance the passenger experience. The improvements adeptly capture the vibrant spirit of LAX by creating an inspiring and dynamic pedestrian and vehicular experience. The improvements are focused upon the upper level roadway within the CTA and include custom designed light poles and light bands along the outer edge of the upper level roadway.

#### **Issues** / Status



### **WORK IN PROGRESS - Terminal 2 Restroom Enhancements (T020A)**

#### **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals). New doors, lighting, mirrors, toilet partitions, paper towel dispensers and soap dispensers will also be installed. There will be new HVAC distribution back to the nearest main trunk line, new electrical distribution and new plumbing within the restroom, among other associated work.

#### **Issues** / Status



## WORK IN PROGRESS - Terminal 2 Domestic Bag Claim and Ticketing Area Refresh (T021A)

#### **Project Description**

The Bag Claim and Ticketing refresh project includes repainting and replacing finishes on the ticketing level and bag claim level to extend the life of the interior spaces by five to seven years. On the Ticketing level there will be new ceilings and lighting systems, new carpeting installed over the tile, new base and painting of walls, new wall finish on the wall behind the ticket counters and new monitors for common use signage. The improvements on the bag claim level include new paint and base, refinishing the bag drops at the carousels, new ceilings, a new wall at the exit from customs, new information desks, and re-arrangement of the concessions at the international arrivals area.

#### **Issues / Status**



## **WORK IN PROGRESS - Terminal 7 Restroom Enhancements (T022A)**

#### **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals). New doors, lighting, mirrors, toilet partitions, paper towel dispensers and soap dispensers will also be installed. There will be new HVAC distribution back to the nearest main trunk line, new electrical distribution and new plumbing within the restroom, among other associated work.

#### **Issues** / Status



## **WORK IN PROGRESS - Terminal 2 Electrical Upgrade (T023A)**

#### **Project Description**

This project upgrades the electrical power distribution in Terminal 2, which was originally installed in the 1980's. The upgrade involves work in approximately 57 electrial and other rooms or areas in Terminal 2 where electrical distribution panels are located.

#### **Issues** / Status



## WORK IN PROGRESS - Terminal 2 MPOE / IT Room (T024A)

#### **Project Description**

This project implements four (4) Terminal Minimum Point of Entry (MPOE) and IT Rooms within Terminal 2. These IT rooms provide an industry-standard, clean and secure, permanent space for the next generation of network switching, application servers and other IT support equipment.

#### **Issues / Status**



### WORK IN PROGRESS - Electrical 5th Feed Project (U020A)

#### **Project Description**

This project will implement a ductbank from the new Central Utility Plant (CUP) to Sepulveda to provide enhanced power capacity to the CUP and the new Bradley West. In addition, this project may implement other opportunistic improvements, such as: two additional ductbanks from the new CUP to the vicinity of Park One; a reclaimed water line to Sepulveda; the extension of a 24-inch fire water line to Sepulveda; the extension of a 16-inch domestic water line to Sepulveda; and the extension of 4x4 communications ductbank from Theme Building, new hot and chilled water lines east of the CUP, among other work.

#### Issues / Status



#### PROGRAM MASTER SCHEDULE OVERVIEW

#### **User's Guide - Schedule**

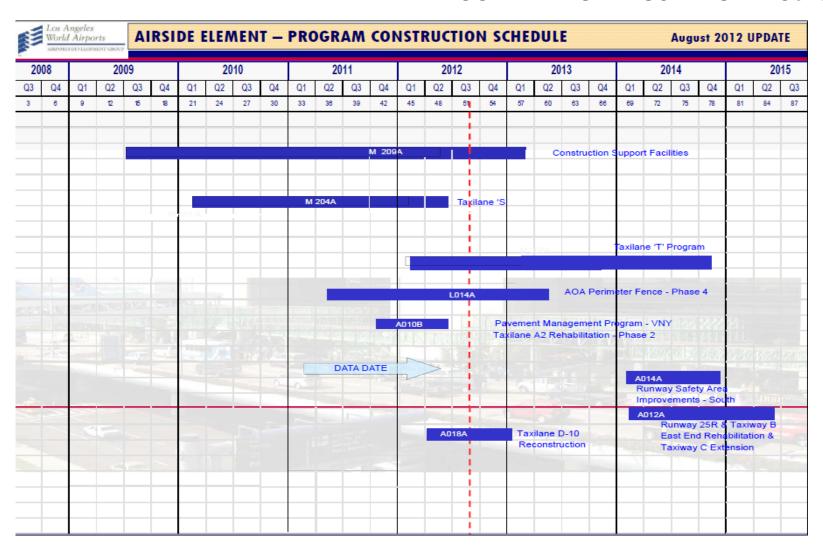
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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.

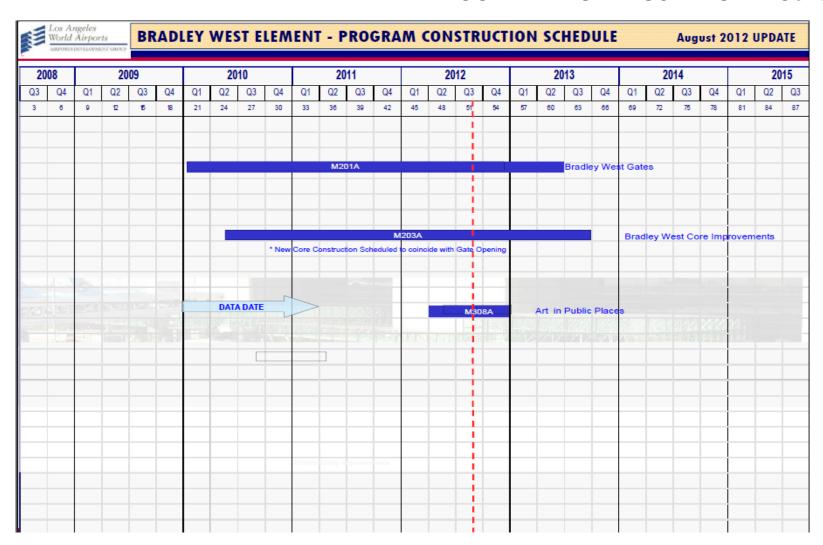
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

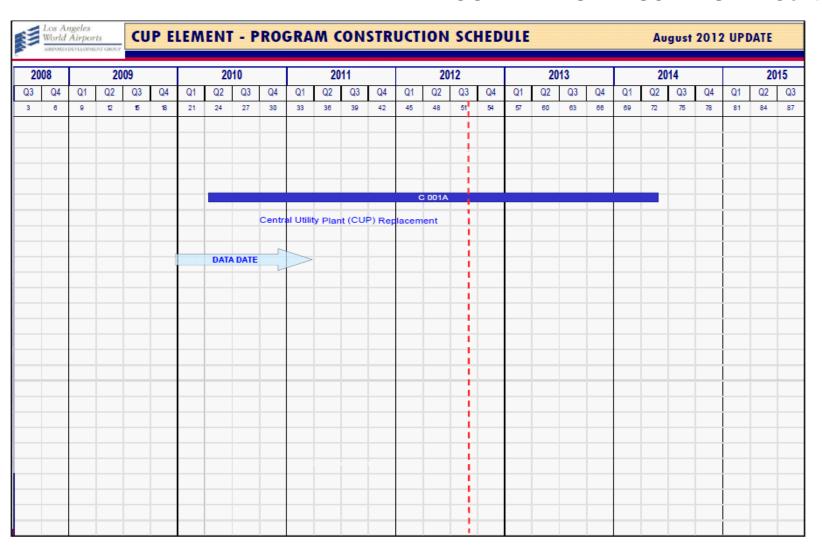




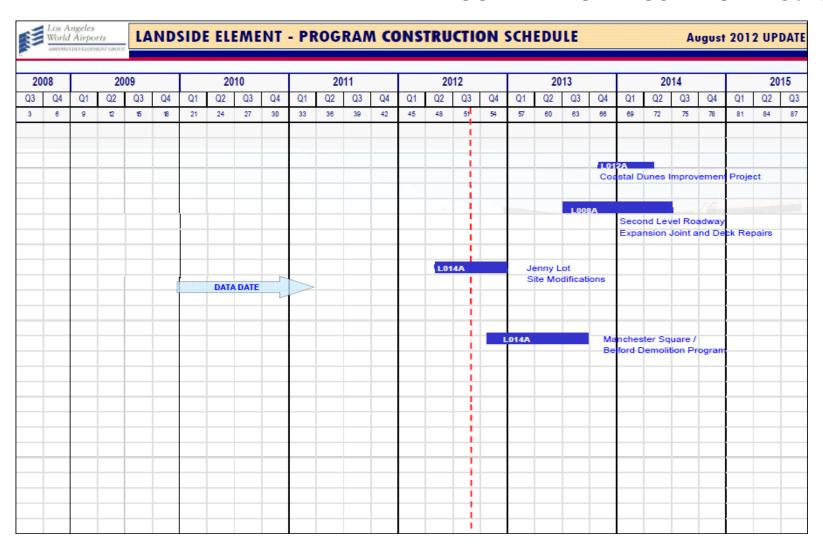




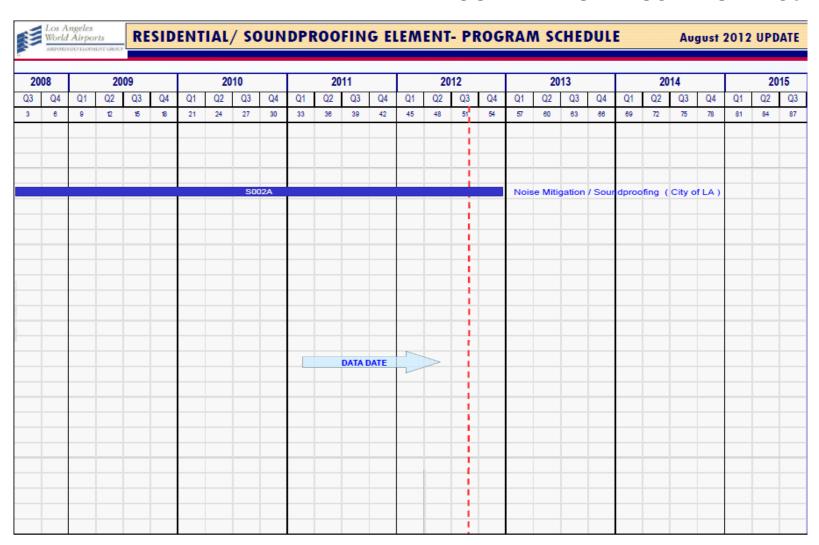




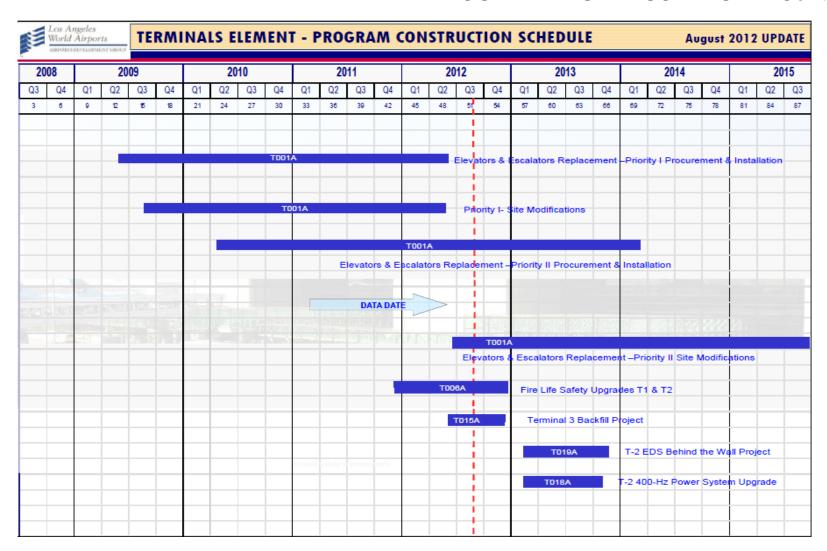














#### **BUDGET OVERVIEW**

#### **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 8/31/2012

			(dollars in thousa	ands)				
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
Capital Budget 1	<u> </u>					"		
Airside Element	286,270	327,801	197,166	166,519	313,117	14,684	53%	34%
Bradley West Element	2,037,373	1,892,214	1,419,236	1,003,135	1,823,923	68,291	55%	0%
CUP Replacement Element	423,835	423,835	345,607	173,663	417,810	6,025	42%	19%
Residential/Soundproofing Element	180,000	160,000	154,190	146,269	160,000	0	91%	0%
Terminal Element	270,000	240,035	190,228	67,191	208,851	31,184	32%	6%
Closed Projects	232,257	N/A	N/A	187,798	N/A	N/A	N/A	N/A
Subtotal: CB-1	3,429,735	3,043,884	2,306,426	1,744,576	2,923,700	120,184	60%	25%
Capital Budget 2								
Airside Element	134,944	134,944	16,723	6,221	125,604	9,341	5%	1%
Landside Element	31,114	31,114	8,148	1,096	29,985	1,130	4%	0%
Residential/Soundproofing Element	1,317	1,317	1,030	908	1,214	103	75%	0%
Terminal Element	32,513	32,154	9,467	3,317	27,260	4,895	12%	0%
Closed Projects	7,970	N/A	N/A	5,065	N/A	N/A	N/A	N/A
Subtotal: CB-2	207,858	199,530	35,368	16,606	184,062	15,469	9%	1%
Subtotal: CB-1 & CB-2	3,637,593	3,243,413	2,341,794	1,761,183	3,107,763	135,653	N/A	N/A
Unallocated Contingency	N/A	200,024	0	0	N/A	N/A	N/A	N/A
	N/A	200,024	0	0	N/A	N/A	N/A	N/A
Capital Budget 2								•
Work in Progress	N/A	0	15,192	9,852	N/A	N/A	N/A	N/A
	N/A	0	15,192	9,852	N/A	N/A	N/A	N/A
Program Total	N/A	3,443,437	2,356,986	1,771,034	N/A	N/A	N/A	N/A



# AIRSIDE ELEMENT BUDGET REPORT as of 8/31/2012

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	AIRSIDE								
	Capital Budget 1								
M204A	Taxilane 'S'	174,980	162,041	156,422	142,386	161,491	551	88%	72%
M306A	Taxilane 'T'	96,500	156,284	32,247	16,552	142,787	13,497	12%	0%
M209A	Construction Support Facilities	14,790	9,475	8,497	7,582	8,839	636	86%	57%
	Capital Budget 1 Total	286,270	327,801	197,166	166,519	313,117	14,684	53%	34%
	Capital Budget 2								
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	1,082	1,082	41,159	2,078	3%	0%
A018A	Taxilane D-10 Reconstruction	9,062	9,062	7,630	1,414	8,144	918	17%	4%
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	17	17	67,802	5,404	0%	0%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,469	2,203	2,449	485	90%	10%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	5,526	1,505	6,050	456	25%	3%
	Capital Budget 2 Total	134,944	134,944	16,723	6,221	125,604	9,341	5%	1%
	Airside Total	421,214	462,745	213,889	172,740	438,721	24,025		



## BRADLEY WEST ELEMENT BUDGET REPORT as of 8/31/2012

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	BRADLEY WEST								
	Capital Budget 1								
M201A	Bradley West Gates	906,474	836,599	739,575	591,394	817,357	19,242	72%	40%
M203A	Bradley West Core Improvements	808,364	720,089	630,643	390,618	711,542	8,547	55%	0%
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	735	0	0	682	53	0%	0%
M308A	Art In Public Places	5,360	5,360	5,360	3,000	5,360	0	56%	0%
M402A	Bradley West Core Renovation/East Ramp and Concourse Demo Project	273,170	273,170	20,064	17,864	245,169	28,001	7%	0%
M403A	New Face of CTA - Phase 1	43,270	56,261	23,593	259	43,813	12,448	1%	0%
	Capital Budget 1 Total	2,037,373	1,892,214	1,419,236	1,003,135	1,823,923	68,291	55%	17%
	Bradley West Total	2,037,373	1,892,214	1,419,236	1,003,135	1,823,923	68,291		



## CUP REPLACEMENT ELEMENT BUDGET REPORT as of 8/31/2012

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	CUP REPLACEMENT								
	Capital Budget 1								
C001A	Central Utility Plant	423,835	423,835	345,607	173,663	417,810	6,025	42%	19%
	Capital Budget 1 Total	423,835	423,835	345,607	173,663	417,810	6,025	42%	19%
	CUP Replacement Total	423,835	423,835	345,607	173,663	417,810	6,025		



## LANDSIDE ELEMENT BUDGET REPORT as of 8/31/2012

				(dollars in thous	ands)					
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used	
	LANDSIDE									
	Capital Budget 2									
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	18,900	2,782	354	18,500	400	2%	0%	
L012A	Coastal Dunes Improvement Project	3,000	3,000	537	366	2,780	220	13%	0%	
L015A	Manchester Square / Belford Demolition Program	1,981	1,981	31	31	1,839	142	2%	0%	
L016A	Jenny Lot Site Modifications	7,233	7,233	4,798	345	6,866	368	5%	0%	
	Capital Budget 2 Total	31,114	31,114	8,148	1,096	29,985	1,130	4%	0%	
	Landside Total	31,114	31,114	8,148	1,096	29,985	1,130			



## RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 8/31/2012

Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	RESIDENTIAL/SOUNDPROOFIN								
•	Capital Budget 1								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	154,190	146,269	160,000	0	91%	0%
	Capital Budget 1 Total	180,000	160,000	154,190	146,269	160,000	0	91%	0%
	Capital Budget 2								
S008A	VNY Soundproofing	1,317	1,317	1,030	908	1,214	103	75%	0%
	Capital Budget 2 Total	1,317	1,317	1,030	908	1,214	103	75%	0%
	Residential/Soundproofing Total	181,317	161,317	155,220	147,178	161,214	103		



## TERMINAL ELEMENT BUDGET REPORT as of 8/31/2012

				(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
	TERMINAL								
	Capital Budget 1								
T001A	Elevators and Escalators Replacement	270,000	240,035	190,228	67,191	208,851	31,184	32%	6%
	Capital Budget 1 Total	270,000	240,035	190,228	67,191	208,851	31,184	32%	6%
	Capital Budget 2								
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,224	1,622	3,617	638	45%	0%
T015A	Terminal 3 Backfill Project	5,846	6,531	5,350	1,675	5,459	1,072	31%	0%
T016A	ADA Accessibility Improvements	2,000	2,000	492	20	1,857	143	1%	0%
T017A	Concessions Enabling Project	3,445	3,445	400	0	2,767	678	0%	0%
T018A	T-2 400-Hz Power System Upgrade	1,676	1,676	0	0	1,556	120	0%	0%
T019A	T-2 EDS Behind the Wall Project	14,246	14,246	0	0	12,003	2,244	0%	0%
	Capital Budget 2 Total	32,513	32,154	9,467	3,317	27,260	4,895	12%	0%
	Terminal Total	302,513	272,189	199,695	70,507	236,110	36,078		



## WORK IN PROGRESS BUDGET REPORT as of 8/31/2012

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	WORK IN PROGRESS								
	Capital Budget 2								
A016A	VNY Runway 16R	N/A	0	956	78	N/A	N/A	N/A	N/A
A017A	West Maintenance Area	N/A	0	8,029	5,719	N/A	N/A	N/A	N/A
A019A	ONT Runway 8L RSA Improvement	N/A	0	0	0	N/A	N/A	N/A	N/A
T011A	Terminal 4 Connector	N/A	0	217	216	N/A	N/A	N/A	N/A
T012A	New Face of the CTA - Phase 2	N/A	0	5,992	3,838	N/A	N/A	N/A	N/A
T020A	Terminal 2 Restroom Enhancements	N/A	0	0	0	N/A	N/A	N/A	N/A
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	N/A	0	0	0	N/A	N/A	N/A	N/A
T022A	Terminal 7 Restroom Enhancements	N/A	0	0	0	N/A	N/A	N/A	N/A
T023A	Terminal 2 Electrical Upgrade	N/A	0	0	0	N/A	N/A	N/A	N/A
T024A	Terminal 2 MPOE / IT Room	N/A	0	0	0	N/A	N/A	N/A	N/A
U020A	Electrical 5th Feed Project	N/A	0	0	0	N/A	N/A	N/A	N/A
	Capital Budget 2 Total	0	0	15,192	9,852	N/A	N/A	N/A	N/A
	Work in Progress Total	N/A	0	15,192	9,852	N/A	N/A		



This page is intentionally blank.



#### 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.

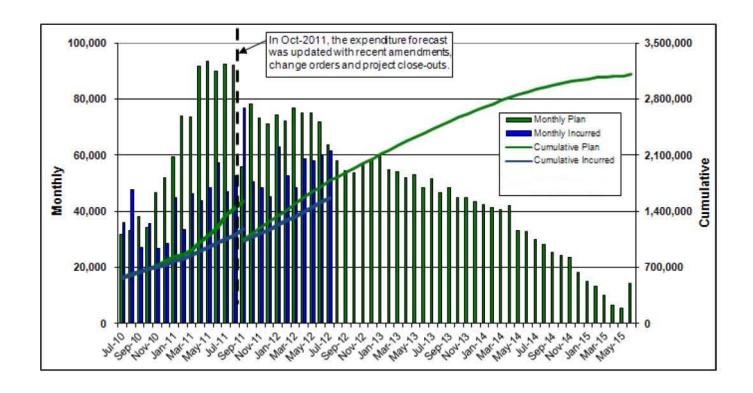
Cumulative Plan - Represents the summation of the Monthly Plan amounts, to a given point in time, and provides the user with an overall forecast.

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 8/31/2012



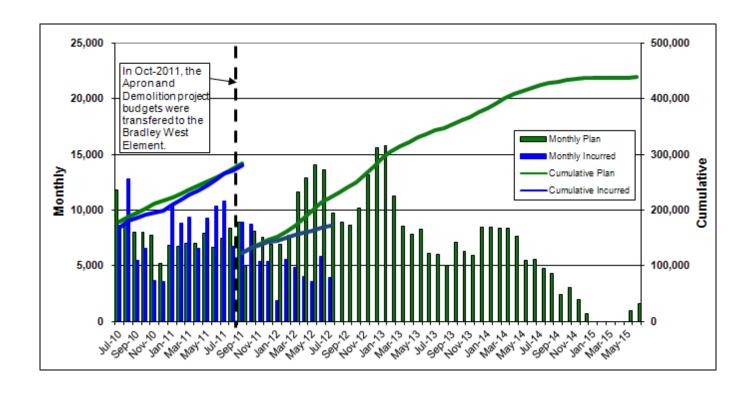
#### Notes:

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



## AIRSIDE ELEMENT CASH FLOW

as of 8/31/2012



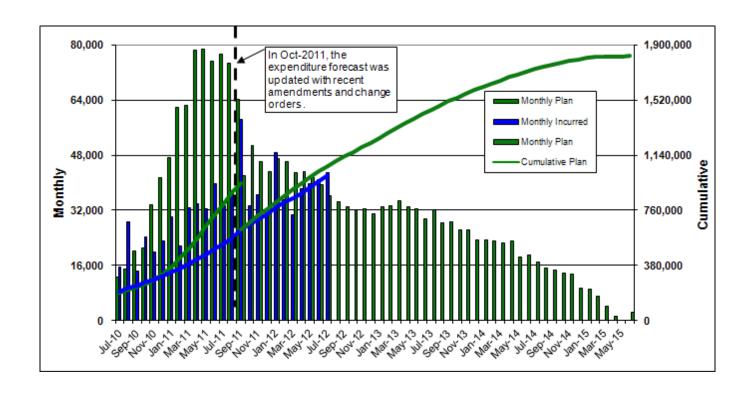
#### Notes:

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



## BRADLEY WEST ELEMENT CASH FLOW

as of 8/31/2012

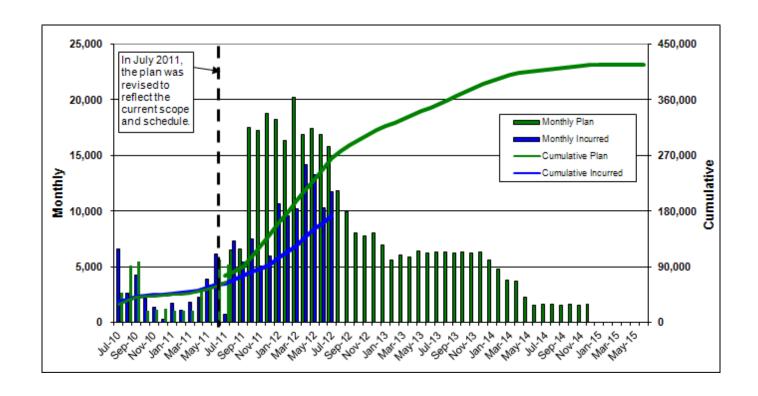


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



### **CUP REPLACEMENT CASH FLOW**

as of 8/31/2012

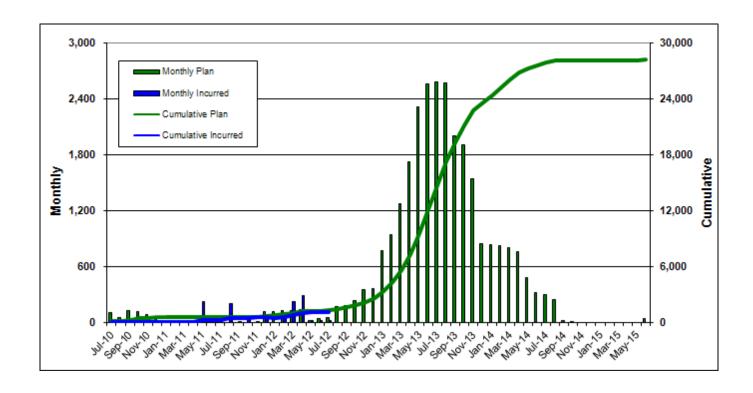


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



### LANDSIDE ELEMENT CASH FLOW

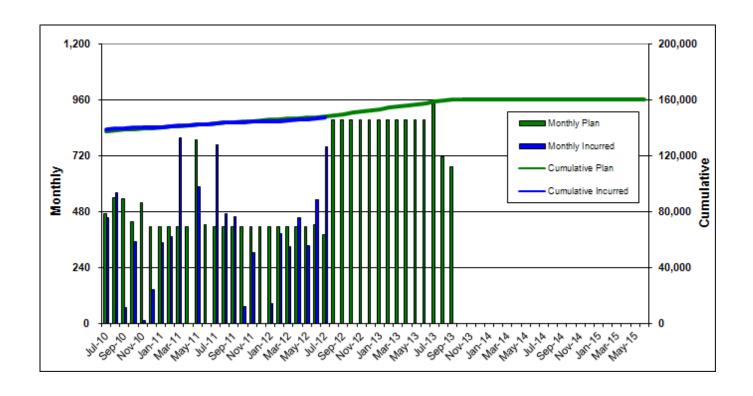
as of 8/31/2012



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



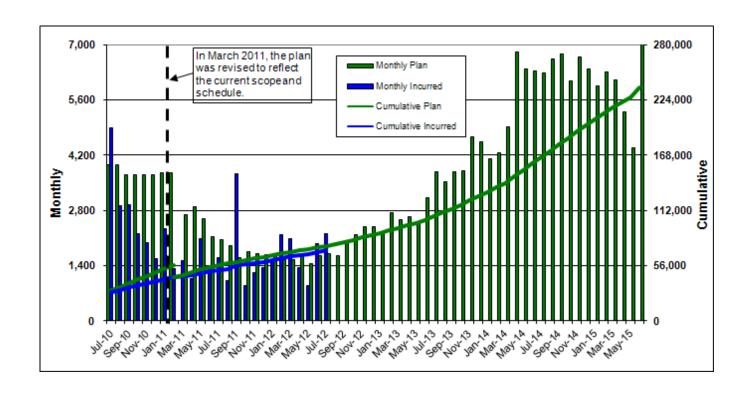
## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW as of 8/31/2012



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



## TERMINALS ELEMENT CASH FLOW as of 8/31/2012



- 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 8/31/2012

Element Project

Contract Change Order No < \$150K \$150K - \$1Mil > \$1Mil Notes

Airside Element



## CHANGE ORDERS - Continued as of 8/1/2012

#### Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1MiI	Notes
radley West Element					
DA-4337 - BRADLEY WES	T GATES (DA-4337	7)			
DA-4337/CGMP02	0319	\$40,977			Installation of Casing on Existing Storm Drain Line
DA-4337/CGMP02	0320	\$10,783			Temporary 20' Fire Lane (CCP)
DA-4337/CGMP02	0321	\$50,862			BWG South Concourse Concession Lid
DA-4337/CGMP02	0322	\$7,354			Seismic Joint Detail SE Return
DA-4337/CGMP02	0323		\$168,745		Potholing of Existing SD and SS Lines Near Gate 159
DA-4337/CGMP02	0324	\$109,898			Gates West Gates Chimney Framing
DA-4337/CGMP02	0325	\$17,441			Permit Costs for Deferred Submittals
DA-4337/CGMP02	0326	\$4,930			Follow Up to RFI 6886 Gate 159 Backup Steel Head Condition at S47.5 between BB and AA.7
DA-4337/CGMP02	0327	\$3,721			Elect - F34a Fixtures Shown on Sheet
DA-4337/CGMP02	0328	\$28,225			Request to Replenish Contingency - Approved OT/Acceleration
DA-4337/CGMP03	0067	\$7,505			4th Floor TA-2 Paper Towel Dispenser Curb Lowering for ADA
DA-4337/CGMP03	0068	\$40,258			Temporary 20' Fire Lane (CCP)
DA-4337/CGMP03	0069	\$52,319			North Tug Pass Utility Conflict
DA-4337/CGMP03	0070	(\$3,871)			Relocation of Biowoff Valve RW-2
DA-4337/CGMP03	0071	\$24,799			Adjustment of IWBT Storm Drain Manhole #2 Elevation
DA-4337/CGMP03	0072	\$7,893			South Concourse Gate 156 Passenger Boarding Bridges
DA-4337/CGMP03	0073	\$16,961			Request to Replenish Contingency - Approved OT/Acceleration
DA-4337/CGMP03	0074		\$373,989		Emergency Fuel Shut-Off System Transfer from Taxilane S to CCP
DA-4337/CGMP04	0165	\$3,074			Level 5 at S21-S22 Block out
DA-4337/CGMP04	0166	(\$5,512)			Southwest Steel shipment of fabricated items to LAW A -owned storage yard
DA-4337/CGMP04	0167	\$8,328			Request to Replenish Contingency - Approved OT/Acceleration
DA-4337/CGMP05	0087		\$874,557		Top of CMU Wall Bracing Change
DA-4337/CGMP05	0088	\$5,794			Relocate Building Systems Head-end Equipment to Room 3N1-11
DA-4337/CGMP05	0089	\$22,799			CMU Supports for Trash Room 3S4-08 Walls
DA-4337/CGMP05	0090	\$43,327			Support of Veneer at Level 03 Coiling Doors
DA-4337/CGMP05	0091	\$12,231			Southwest Steel shipment of fabricated items to LAW A -owned storage yard
DA-4337/CGMP05	0092	\$2,223			Added CMU and Reinforcing along AA S43 and S44



DA-4337 -	<b>BDADLEV</b>	WEST	CATES	(DA-4337)
DA-4337 -	BRADLET	WESI	GAIES	(DA-4337)

DA-4337/CGMP05	0093	\$12,421		BWG Pier 131 RIDS Support Frame Removal
DA-4337/CGMP05	0094	\$6,835		CMU Supports at Knockout Walls N11.8/CC and N19.8/CC
DA-4337/CGMP05	0095	\$26,451		Gates Roof Access Ladder at N1
DA-4337/CGMP05	0096	\$15,253		BWG - Additional Rail at Pier Exit Stair
DA-4337/CGMP05	0097	\$890		BWG - Glass Handrail Shoe at Piers Level 05
DA-4337/CGMP05	0098	\$3,922		BWG - Cope Bottom of Roof Beams that Conflict with Metal Panel Soffit
DA-4337/CGMP06	0051	\$81,686		East and Comer Clerestory Curb Flashing.
DA-4337/CGMP06	0052	\$13,736		BWG Ext- Coping Cap and PVC Roofing Transition at CIP Pier
DA-4337/CGMP06	0053	\$13,952		Level 03 Exterior Pier Entrance Walls
DA-4337/CGMP06	0054	\$24,849		Request to Replenish Contingency - Approved OT/Acceleration
DA-4337/CGMP06	0055	\$3,420		Gates Piers 152, 154, 156 Access Roof Hatch
DA-4337/CGMP06	0056	\$3,949		Gates Roof Access Ladder at N1
DA-4337/CGMP07	0125	\$1,718		Interior rated ceiling at Comm Rm 3N1-11
DA-4337/CGMP07	0126	\$24,002		Relocate Building Systems Head-end Equipment to Room 3N1-11
DA-4337/CGMP07	0127		\$598,939	Limbach BIM Costs previously submitted under CPCNs 6716 & 6716R1
DA-4337/CGMP07	0128	\$5,258		Modified Shaft Enclosure @ Trash Room 3N2-07
DA-4337/CGMP08	0186	\$2,065		Interior rated ceiling at Comm Rm 3N1-11
DA-4337/CGMP08	0187		\$369,964	BWG Electrical QA Changes
DA-4337/CGMP08	0188	\$5,814		Relocate Building Systems Head-end Equipment to Room 3N1-11
DA-4337/CGMP08	0189	\$31,257		Exit Sign Changes
DA-4337/CGMP08	0190	\$9,146		BWG Addtional Nuclear Exit Sign for TCO of Gate 134
DA-4337/CGMP08	0191		\$374,374	BWG - Emergency Phone Part Number Change, VG-224 Change, and T Elevation Changes
DA-4337/CGMP08	0192	(\$9,914)		Deletion of South Concourse Temp Copper Riser
DA-4337/CGMP08	0193		\$876,447	Security, Telecom and AV QA
DA-4337/CGMP08	0194	\$128,692		BWG - Gates Electrical Distribution Layout for Seating - North
DA-4337/CGMP08	0195		\$269,747	BWG - Gates Electrical Distribution Layout for Seating - South
DA-4337/CGMP08	0196	\$26,267		Elect Added Conduits to 3NI-II
DA-4337/CGMP08	0197	\$6,360		BWG - Revised South Basement 3rd level deck thickness
DA-4337/CGMP08	0198	\$13,265		Comm - Install One Spare 520N CPU Card



#### DA-4337 - BRADLEY WEST GATES (DA-4337)

DA-4337/CGMP08	0199	\$675		Gates Curtain wall back-Up STL-LADBS Review Comments
DA-4337/CGMP08	0200	\$50,883		Elect Podium Locations For Rough In
DA-4337/CGMP08	0201	(\$263,344)		BWG Deletion of Cisco IOS upgrade on 3750X Switches
DA-4337/CGMP08	0202	\$30,488		Power Source for Preaction / Deluge Panels and Compressors at FP Riser Rooms
DA-4337/CGMP09	0064	\$939		BWG Ext- Coping Cap and PVC Roofing Transition at CIP Pier
DA-4337/CGMP09	0065	\$11,057		Level 03 Exterior Pier Entrance Walls
DA-4337/CGMP09	0066	\$12,132		Gates East Pier Parapet to Curved Roof Soffit
DA-4337/CGMP09	0067	\$4,555		Added Fur Out at Exterior Bathroom Wall Transition to Curtain Wall S20 & S3
DA-4337/CGMP09	0068	\$1,209		BWG Pier 131 RIDS Support Frame Removal
DA-4337/CGMP09	0069	\$2,162		Beam Wrap at Grid Lines N3/DD
DA-4337/CGMP09	0070	\$18,445		Gates West Gates Chimney Framing
DA-4337/CGMP09	0071	\$6,242		Request to Replenish Contingency - Approved OT/Acceleration
DA-4337/CGMP10	0114		\$268,905	PCI South Concourse Acceleration
DA-4337/CGMP10	0115	\$8,344		Interior rated ceiling at Comm Rm 3N1-11
DA-4337/CGMP10	0116	\$56,624		South Concourse Bathroom Chase Wall Stud Size Change to 2.5 inches
DA-4337/CGMP10	0117	\$2,488		Shaftwall Wall Type at Rms 3S5-11 & 3S5-17
DA-4337/CGMP10	0118	\$47,226		BWG South Concourse Concession Lid
DA-4337/CGMP10	0119	(\$5,915)		Level 03 Exterior Pier Entrance Walls
DA-4337/CGMP10	0120	\$7,354		BWG Missing Beam Wrap Detail at AA/S42 Bridge
DA-4337/CGMP10	0121	\$8,242		Modified Shaft Enclosure @ Trash Room 3N2-07
DA-4337/CGMP10	0122	\$7,642		Request to Replenish Contingency - Approved OT/Acceleration
DA-4337/CGMP10	0123	\$4,295		Gates Piers 152, 154, 156 Access Roof Hatch
DA-4337/CGMP10	0124	(\$37,832)		Gates Deletion of IEMS Feature at Spandrel Panels of Sterile Corridor
DA-4337/CGMP11	0023	\$1,291		BWG Int- Thresholds @ Exterior Openings
DA-4337/CGMP12	0064	\$9,169		BWG Electrical QA Changes
DA-4337/CGMP12	0065	\$87,880		BWG South Concourse Concession Lid
DA-4337/CGMP12	0066	\$45,345		Security, Telecom and AV QA
DA-4337/CGMP12	0067	\$3,556		ADG BWG Install Fire Extinguisher in all Elevator Control Rooms
DA-4337/CGMP12	0068	\$1,569		BWG Missing Beam Wrap Detail at AA/S42 Bridge
DA-4337/CGMP12	0069	\$4,587		Beam Wrap at Grid Lines N3/DD
DA-4337/CGMP13	0051	\$559		Interior rated ceiling at Comm Rm 3N1-11
DA-4337/CGMP13	0052	(\$145,627)		Security, Telecom and AV QA



Bradley West Element				
DA-4337 - BRADLEY WEST	GATES (DA-4337)			
DA-4337/CGMP13	0053	\$429		BWG Missing Beam Wrap Detail at AA/S42 Bridge
DA-4337/CGMP13	0054	\$76,550		Gates Level 3 Slab Topping Material below Epoxy Flooring in Restrooms
DA-4337/CGMP13	0055	\$13,389		Resinous Base Level 3 RR
DA-4337/CGMP13	0056	\$541		Modified Shaft Enclosure @ Trash Room 3N2-07
DA-4337/CGMP13	0057	\$45,841		BWG - Resinous Flooring at Level 3 Restrooms
DA-4337/CGMP13	0058	\$1,767		Bus Connector Column Covers @ Windows
DA-4337/CGMP14	0016	\$4,279		BWG - Bus Connector Vertical Guiderail at Center of Elevator Shaft
DA-4337/CGMP15	0003	\$241		BWG- Roof Access Ladder Plan Check Comment - Indicate Cage
DA-4382 - BRADLEY WEST	CORE (DA-4382)			
DA-4382/CGMP01	0076	\$43,990		ESA - Alverstone Lots, Revision 2 Changes
DA-4382/CGMP01	0077	\$130,687		WSA - Revision 8, Improvements at South Staging Area and Lighting Changes
DA-4382/CGMP01	0078	\$9,983		WSA - Replacement of Main Breaker at South Pershing lot.
DA-4382/CGMP02	0034		\$300,719	AOA Site Perimeter Fencing
DA-4382/CGMP04	0110	\$956		CCP - Removal of Unforeseen Obstruction at GI-1
DA-4382/CGMP04	0111	(\$12,221)		Use of ETT Traveling Cable (Core Elevators)
DA-4382/CGMP04	0112	\$49,079		CCP - removal of Additional Lagging and Shoring System at R Line - Excavation Costs
DA-4382/CGMP04	0113	\$17,434		CBP Secondary Equipment Move
DA-4382/CGMP04	0114	\$6,681		Added Light Fixture at Relocated Condenser Units.
DA-4382/CGMP05	0026	\$2,463		Metal panel at north wall along X19 level 7
DA-4382/CGMP05	0027	\$10,405		BWC Ext - Vertical Window Washing Track on Interior Sloped Walls of the North & South Lightwells
DA-4382/CGMP05	0028	\$4,482		stair 9 and 10 Parapet and Roof Opening Nailer Wood Type Fire Retardant vs Pressure Treated
DA-4382/CGMP05	0029	\$3,988		Added Gutter on SSR3A.
DA-4382/CGMP05	0030	\$3,889		Core Deluge Pipe Attachment at Gate 148 Parapet
DA-4382/CGMP06	0221	\$849		BWC Level 1 IEMS Control Room and MER Server Room
DA-4382/CGMP06	0222	\$1,105		Added Reinforcement at Level 07 SOMD X1/Y7
DA-4382/CGMP06	0223	\$8,010		38 Line Concrete Wall Changes for North Recycling Room
DA-4382/CGMP06	0224	\$6,664		ACCO Openings Gate - 148 South Wall Level 5.
DA-4382/CGMP06	0225	(\$7,252)		BWC Mechanical OSA Duct Floor Penetration Changes



Bradley West Element				
DA-4382 - BRADLEY WEST	CORE (DA-4382	2)		
DA-4382/CGMP06	0226	\$5,732		BWC Mechanical OSA Duct Floor Penetration Changes
DA-4382/CGMP06	0227	\$4,662		Reinforcing Beams in 38 Line Under Louver Opening
DA-4382/CGMP06	0228	\$3,370		Core Extend Cone Deck at Level 4 & 5 PBB Openings
DA-4382/CGMP06	0229	\$8,843		Notch at Bent Plate, Edge of Slab, Beam Pending Location, Slope Plate Make-up Device Height
DA-4382/CGMP06	0230	\$2,007		Roof Deck Support at Level 4
DA-4382/CGMP06	0231	\$43,191		BWC - Additional Badging for Metal Weld
DA-4382/CGMP06	0232		\$373,248	CORE IEMS Time Tower Revisions
DA-4382/CGMP06	0233	\$62,182		IEMS Infrastructure Portals
DA-4382/CGMP06	0234	\$3,122		BWC Early Set of TBIT Renovation Steel Columns at R1.1/59.2
DA-4382/CGMP06	0235	\$4,756		Level 03 Elevated Slab Clarification at 46.9/R1
DA-4382/CGMP06	0236	\$2,255		C2 Line Temp Wall Beam Rebar Conflict
DA-4382/CGMP06	0237	\$3,496		Area C5 Temp Concrete Wall Intersections
DA-4382/CGMP06	0238	\$2,045		Detail Clarification at Low Curved Roof Perimeter Condition
DA-4382/CGMP06	0239	\$22,613		BWC - X12.3, X6.3 and X0.3 Cantilever Cap Plate Elevations
DA-4382/CGMP06	0240	\$52,284		BWC Level 07 Structural Upgrades with Lightweight Concrete Floor
DA-4382/CGMP06	0241	\$13,061		G&T BHS Doghouse Curb Drawings
DA-4382/CGMP06	0242	\$14,458		Level 02 Slab on Metal Deck at X1/Y2
DA-4382/CGMP06	0243	\$2,790		Cut Rebar at Level 05 SOMD at X13/Y7
DA-4382/CGMP06	0244	\$6,880		BWC - Survey Existing TBIT Elevations at Top of Concrete at Tie-in points
DA-4382/CGMP06	0245	\$1,485		Rebar Requirement for Level 03 Architectural Columns S23C5
DA-4382/CGMP06	0246	\$50,876		BWC Elevator Guiderail HSS Vertical Structural Steel Add & Mechanical Penthouse Steel Framing Revisions
DA-4382/CGMP06	0247	\$784		Deck Support for Level 03 Doghouse Column at X7/Y2
DA-4382/CGMP06	0248	\$0		
DA-4382/CGMP06	0249	\$14,026		BWC - Elevation Differential Ramp at Level 03 near Gridline 52/R1
DA-4382/CGMP07	0031	\$3,183		Core Extend Cone Deck at Level 4 & 5 PBB Openings - CDN 111
DA-4382/CGMP07	0032	\$19,367		BWC Ext - Backup Steel Head Condition Along Y7 Between X7 and X5
DA-4382/CGMP07	0033	\$1,212		BWC Ext - South Light Well West Curtain Wall Head Condition



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

02 - DIVADELI WEST	CONE (DA-4302)			
DA-4382/CGMP07	0034	\$18,826		BWC Ext - Backup Steel Head Condition at Along X13 and X7
DA-4382/CGMP07	0035	\$1,657		Metal panel at north wall along X19 level 7
DA-4382/CGMP07	0036	\$1,380		Incorporate Permit Review Comments-Design Notice 081
DA-4382/CGMP07	0037	\$42,603		BWC Ext - Vertical Window Washing Track on Interior Sloped Walls of the North & South Lightwells
DA-4382/CGMP07	0038	\$4,433		Core Deluge Pipe Attachment at Gate 148 Parapet
DA-4382/CGMP07	0039	\$13,149		BWC Elevator Guiderail HSS Vertical Structural Steel Add & Mechanical Penthouse Steel Framing Revisions
DA-4382/CGMP08	0202		\$351,236	BWC Level 1 IEMS Control Room and MER Server Room
DA-4382/CGMP08	0203	\$20,966		Core Level Fridline C20 Coordination with Gates
DA-4382/CGMP08	0204	\$44,464		BWC - Change Actuator for Smoke Dampers
DA-4382/CGMP08	0205	\$42,706		SSI - Changes to Core MPOE 3C403
DA-4382/CGMP08	0206		\$229,270	Level 5 South - Additional Labor and Materials Resulting from Core Design Review Workshop RFI's
DA-4382/CGMP08	0207	\$36,848		Elect - Spare Conduits From North Concourse To Electrical
DA-4382/CGMP08	0208		\$167,736	Piping for New AHU-M1.
DA-4382/CGMP08	0209		\$223,635	BWC - CDN 224 SSI Level 3 Baggage Cameras
DA-4382/CGMP08	0210	\$27,329		ACAMS provisions for doors 3C7-75, 1C1-13 and 5C4-30A
DA-4382/CGMP08	0211	\$4,376		BWC OT BIM (6/6/2011 thru 6/29/2011)
DA-4382/CGMP08	0212	\$15,223		BWC OT BIM (11/17/2010 thru 3/25/2011) (Electrical - Dyna)
DA-4382/CGMP08	0213	\$15,875		BWC Mechanical RTI for CDN
DA-4382/CGMP08	0214	(\$39,290)		BWC Paging Clarifications and Test Point Collectors
DA-4382/CGMP08	0215	\$15,082		Direction of Roof Gutter Slope Near DD/C18, DD/C2, Y3/X14
DA-4382/CGMP08	0216	(\$128,996)		BWC - Delete FX8T Handrail Fixtures at Stair C4ST01
DA-4382/CGMP08	0217		\$170,650	Incorporate Permit Review Comments
DA-4382/CGMP08	0218		\$452,965	BWC Changes to Elec Rms, Power and Data Routing to Accommodate IEMS CDN 093 - GE Switchgear
DA-4382/CGMP08	0219	\$53,058		CORE IEMS Time Tower Revisions
DA-4382/CGMP08	0220	(\$4,856)		IEMS - BWC Bon Voyage Wall Access Closet CDN
DA-4382/CGMP08	0221		\$394,492	BWC IEMS Welcome Wall AHU Misc Coordination
DA-4382/CGMP08	0222	(\$12,798)		Tenant Ceiling Height Revisions Level 5 South
DA-4382/CGMP08	0223	\$36,353		Level 4 4C6-20 Service Corridor BIM Coordination



DA 4202	DDADI	EV WEST	CODE	(DA 4202)
DA-4382 -	BRADL	ET WEST	CURE	(DA-4382)

DA-4382/CGMP08	0224	\$145,353		Level 5 North - Additional Labor and Materials Resulting from Core Design Review Workshop RFI's
DA-4382/CGMP09	0066	\$10,941		BWC - Sewerage Ejector Pit Revisions - Misc Metals
DA-4382/CGMP09	0067	\$117,842		BWC Level 1 IEMS Control Room and MER Server Room
DA-4382/CGMP09	0068	\$7,267		welded rebar at beam in CMU wall
DA-4382/CGMP09	0069	\$6,717		Core level 3B programming changes (masonry only)
DA-4382/CGMP09	0070	\$9,265		Direction of Roof Gutter Slope Near DD/C18, DD/C2, Y3/X14
DA-4382/CGMP09	0071	\$29,656		ADG BWC level 6 Mechanical Room Metal Bar Grating Framing Revisions
DA-4382/CGMP09	0072	\$1,517		Incorporate Permit Review Comments
DA-4382/CGMP09	0073	\$19,206		Top Connection of Bon Voyage Wall Support
DA-4382/CGMP09	0074	\$6,504		BWC Stair C5ST03 Header Beam Extension and Escalator Pit Modification Near C2-60 and SE3-SE4
DA-4382/CGMP09	0075	\$96,771		Abrasive Surface Floor Plate at Level 2 Catwalk
DA-4382/CGMP09	0076	\$14,227		BWC Ext - Follow up to RFI 4322 for Baseplate West of Y5 Along X19
DA-4382/CGMP09	0077	\$6,347		BWC Add One Beam Penetration for SD Piping at Level 06 Steel
DA-4382/CGMP09	0078	\$7,820		BWC Ext - North Connector Roof in Conflict with Back-Up Steel on North Co Curtain Wall
DA-4382/CGMP09	0079	\$3,935		Deck Support for Level 03 Doghouse Column at X7/Y2
DA-4382/CGMP09	0800		\$267,539	Miscellaneous HSS Needed for Metal Stud Framing Support
DA-4382/CGMP10	0013	(\$39,464)		Credit for Deletion of Cafco 400
DA-4382/CGMP10	0014	(\$527)		BWC Revised Steel Framing for IEMS Bon Voyage Feature
DA-4382/CGMP10	0015	\$2,468		Revised Fire Rated Shaft Wall details for Elevator C6 EL03 and EL 04
DA-4382/CGMP10	0016	\$1,746		BWC Ext - Backup Steel Head Condition Along Y7 Between X7 and X5
DA-4382/CGMP10	0017	\$2,388		welded rebar at beam in CMU wall
DA-4382/CGMP10	0018	\$1,105		CORE IEMS Time Tower Revisions
DA-4382/CGMP12	0057	\$40,459		BWC Level 1 IEMS Control Room and MER Server Room
DA-4382/CGMP12	0058	\$11,967		Revised Fire Rated Shaft Wall details for Elevator C6 EL03 and EL 04
DA-4382/CGMP12	0059	\$2,922		ACAMS provisions for doors 3C7-75, 1C1-13 and 5C4-30A
DA-4382/CGMP12	0060	\$1,613		Core Level 5 Deck Edge at C1



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

DA-4382/CGMP12	0061	\$2,651		Core Restroom Chase Door 5C7-09
DA-4382/CGMP12	0062	\$24,557		Incorporate Permit Review Comments-Design Notice 081
DA-4382/CGMP12	0063	\$9,375		CORE IEMS Time Tower Revisions
DA-4382/CGMP12	0064	\$23,015		IEMS - BWC Bon Voyage Wall Access Closet
DA-4382/CGMP12	0065	\$7,726		RENO EDN 027 stair 9 and 10 Parapet and Roof Opening Nailer Wood Typ Fire Retardant vs Pressure Treated
DA-4382/CGMP12	0066	\$799		Level 4 4C6-20 Service Corridor BIM Coordination
DA-4382/CGMP12	0067	\$929		BWC Int - Rated Wall @ 3C5-ST01G/H
DA-4382/CGMP12	0068	\$1,028		Level 5 North - Additional Labor and Materials Resulting from Core Design Review Workshop RFI's
DA-4382/CGMP12	0069	(\$4,162)		Abrasive Surface Floor Plate at Level 2 Catwalk
DA-4382/CGMP13	0033	\$56,493		BWC Level 1 IEMS Control Room and MER Server Room
DA-4382/CGMP13	0034	\$59,022		BWC Restroom Towel Dispenser Shrouds
DA-4382/CGMP13	0035	\$490		Restroom Line of Sight Issue
DA-4382/CGMP13	0036		\$249,422	IEMS Infrastructure Portals CON 158
DA-4382/CGMP13	0037	\$25,794		IEMS - BWC Bon Voyage Wall Access Closet
DA-4382/CGMP14	0037	\$4,271		BWC Level 1 IEMS Control Room and MER Server Room
DA-4382/CGMP14	0038	\$497		Incorporate Permit Review Comments
DA-4382/CGMP14	0039	\$1,769		CORE IEMS Time Tower Revisions
DA-4382/CGMP14	0040	\$6,244		IEMS Infrastructure Portals
DA-4382/CGMP14	0041	\$2,137		IEMS - BWC Bon Voyage Wall Access Closet
DA-4382/CGMP14	0042	\$979		BWC install fire extinguisher in all elevator control rooms
DA-4382/CGMP14	0043	\$244		BWC Int - Rated Wall @ 3C5-ST01G/H
DA-4382/CGMP15	0012	\$5,377		BWC Level 1 IEMS Control Room and MER Server Room
DA-4382/CGMP20	0003	\$22,250		New Flush Sensors for ADA Water Closets



## CHANGE ORDERS - Continued as of 8/31/2012

#### Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>CUP Replacement Elem</b>	nent				
C001A - CENTRAL UTILI	TY PLANT				
DA-4554/0000	0052		\$975,000		Cooling Tower Cladding
Landside Element					

#### Residential/Soundproofing Element

#### **Terminal Element**

T0044 ELEVATORO	AND EGGAL AT		
T001A - FLEVATORS	AND ESCALAL	ORSKEPL	ACHMENI

DA-4344	0017	\$64,463	Licensed Elevator Mechanic, present for all GC work in active Machine Rooms and hoist ways per California Ele Code; 480 Volt generator for use as a temporary power sourse T5-1 & T5-2; New nameplates for door jamb Ele S3-01.
DA-4344	0018	\$45,876	Wider Esc stainless steel decks and supports T3-2 & T5-2.
DA-4344	0019	\$20,074	16 gage brushed stainless steel exterior cladding for Esc T6-5 and T6-6.
DA-4344	0020	\$24,411	Drilling specialist / standby/assistance per Internation Union of Ele Constructors for removal of hydraulic cylinder assembly at Ele S3-01.
DA-4371	0012	(\$698,036)	Adjust final contract amount for adjustments or unused amount in allowances and change orders.



### **Bradley West- Gates**

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$31,925,860	\$0	\$31,925,860	5.14%
DOCUMENT CORRECTION	\$26,686,346	\$3,753,033	\$30,439,379	4.90%
FIELD CONDITIONS	\$10,203,305	\$227,962	\$10,431,267	1.68%
OWNER BETTERMENT	\$8,710,899	\$1,168,406	\$9,879,305	1.59%
CODE REQUIREMENT	\$2,443,668	\$24,612	\$2,468,280	0.40%
TOTAL	\$79,970,078	\$5,174,013	\$85,144,091	13.70%

<sup>\*</sup>Base Contract Value = \$621,550,000



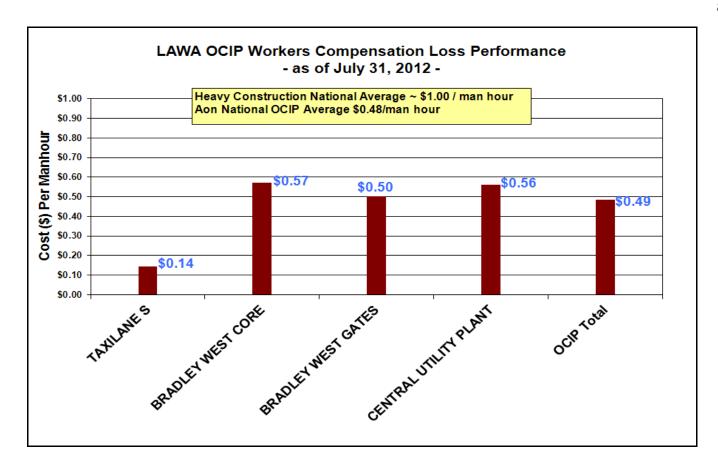
### **Bradley West- CORE**

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$30,694,526	\$0	\$30,694,526	4.93%
DOCUMENT CORRECTION	\$11,032,579	\$5,384,629	\$16,417,208	2.64%
FIELD CONDITIONS	\$8,072,556	\$1,736,535	\$9,809,091	1.58%
OWNER BETTERMENT	\$34,063,624	\$2,708,140	\$36,771,764	5.91%
CODE REQUIREMENT	\$5,319,746	\$217,246	\$5,536,992	0.89%
TOTAL	\$89,183,031	\$10,046,550	\$99,229,581	15.94%

<sup>\*</sup>Base Contract Value = \$622,600,000

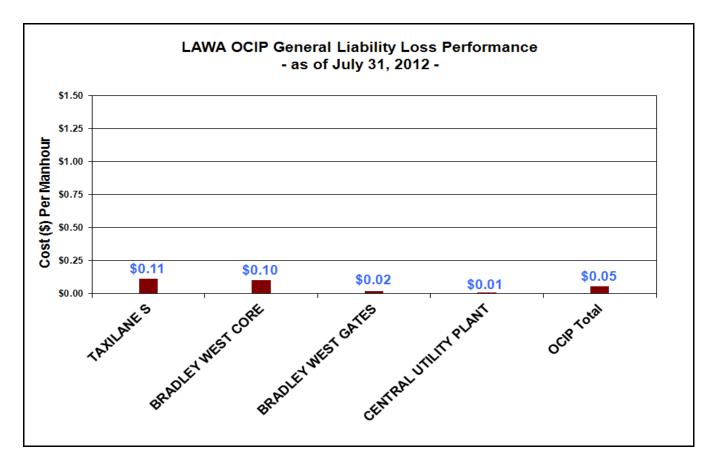
Los Angeles
World Airports
AIRPORTS DEVELOPMENT GROUP

OCIP as of 8/31/2012



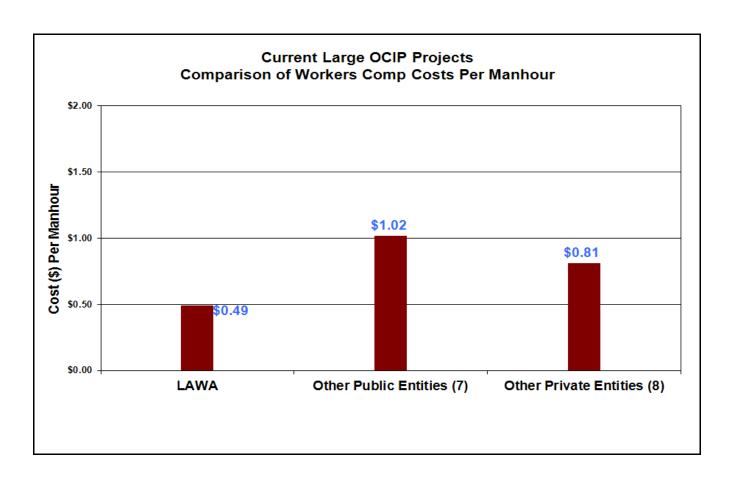


OCIP - Continued as of 8/31/2012





OCIP - Continued as of 8/31/2012





## MWBE/DBE

# Subcontractor Utilization Summary Report as of 8/31/2012

					Achieved Participation 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	%	20.79	%	
Arcadis	DA-4413	M/WBE	20.00	%	0.00	%	N/A	%	Limited scope of work authorized to date.
Atkins	DA-4515	DBE	24.00	%	N/A	%	28.21	%	
CH2M Hill	DA-4414	M/WBE	22.00	%	30.45	%	N/A	%	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10	%	12.11	%	N/A	%	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00	%	12.10	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	14.17	%	3.77	%	
Flatiron West, Inc.	DA-4398	DBE	1.00	%	NA	%	4.02	%	
Griffith Company	DA-4338	M/WBE	5.63	%	11.26	%	N/A	%	
Hatch Mott MacDonald, LLC	DA-4275	DBE	19.85	%	N/A	%	19.62	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	30.52	%	N/A	%	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00	%	18.90	%	N/A	%	Limited scope of work authorized to date.
Kimley-Horn and Associates	DA-4555	DBE	20.00		N/A	%	8.31	%	In Mobilization - Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00	%	56.96	%	N/A	%	
Paslay Management Group	DA-4324	M/WBE	10.00	%	19.33	%	N/A	%	
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	%	17.19	%	N/A	%	
W.E. O'Neil	DA-4371	M/WBE	6.80	%	12.41	%	N/A	%	
Walsh Austin Joint Venture - Pre-Construction (Gates)	DA-4337	M/WBE	20.00	%	29.43	%	N/A	%	
Walsh Austin Joint Venture - Construction (Gates)	DA-4337	M/WBE	14.00	%	22.75	%	N/A	%	
Walsh Austin Joint Venture - Pre-Construction (Core)	DA-4382	M/WBE	20.00	%	24.02	%	N/A	%	
Walsh Austin Joint Venture - Construction (Core)	DA-4382	M/WBE	14.00	%	21.28	%	N/A	%	
Total Participation:	N/A	N/A	N/A		16.14%		3.23%		
Total Combined Participation:	N/A	N/A	N/A	N/A 19.37%					

<sup>\*</sup>Achieved Participation to Date includes progress in the pledged program and progress outside of the pledge.