



# Airports Development

Executive Management

Program Status Report

December 31, 2011

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## ELEMENT OVERVIEW

### **Purpose**

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

### **Airside Element**

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

### **Bradley West Element**

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

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

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## 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).

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## 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**

Construction contract was awarded to Flatiron West, Inc. (FWI) on December 7, 2009.

Construction Notice to Proceed for the project was issued on March 1, 2010.

Overall construction progress is 77% complete.

### **Budget Status**

The negative budget variance is being closely monitored.

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

### **Schedule Status**

- \* Taxiway T opened on September 27, 2011.
- \* Taxiway D opened on October 4, 2011.
- \* Taxilane S opened on November 17, 2011.
- \* Taxiway E anticipated to open in March 2012.
- \* New Security Post anticipated to open in April 2012.
- \* East Ramp anticipated to complete in March 2012.

### **Issues**

The Contractor has submitted a group of large potential overall project impact claims. The project estimate at completion (EAC) includes the full amount of these claims resulting in a potential negative budget variance for the project. ADG is evaluating these impact claims for merit and is closely monitoring all project budget costs.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The design contract for Taxilane T was awarded to Kimley Horn & Associates on November 15, 2010; and the 95% design documents were received in December, 2011 and are being reviewed.

### **Construction Progress**

No construction contracts awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

Design is anticipated to complete in March, 2012.

### **Issues**

\* Delayed site access availability of Sky Chef and American Airlines Leaseholds may impact project schedule.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The 30% design submittal is complete.

### **Construction Progress**

No construction contracts awarded.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

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## AIRSIDE ELEMENT - Pavement Management Program - VNY Taxi Lane A2 Rehabilitation - Phase 2 (A010B)

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Notice to Proceed (NTP) was issued on October 13, 2011.

Notice to Proceed (NTP) for Phases 1 & 3 field construction was issued on December 12, 2011.

Overall construction progress is 3% complete.

### **Budget Status**

This project is tracking on budget.

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

### **Schedule Status**

This project is progressing on schedule.

### **Issues**

None at this time.

## **AIRSIDE ELEMENT - Construction Support Facilities (M209A)**

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Notice to Proceed issued June 29, 2009.

Construction continues at 98% complete. Investigation of electrical vaults for the replacement of FAA fiber optic line work was completed in December 2011.

Contractor has completed two of the three of the critical taxiway restriping and is scheduled to complete remaining work in late January 2012.

### **Budget Status**

This project is anticipated to complete on budget.

### **Schedule Status**

Contract is scheduled to end on May 24, 2012.

### **Issues**

A board report has been prepared for Board approval on January 23, 2012 to approve a \$700,000 Change Order to allocate funds for electrical repairs and upgrades for Terminals 4, 5, 7 and 8.

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

### **Project Description**

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

This project also includes the demolition of the existing concourses, with the exception of Gate 123, upon completion of the new concourse; and the apron work on both the west and east sides of the new concourse.

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 95% complete.

### **Construction Progress**

MEP (Mechanical, Electrical & Plumbing) rough-in work on North Concourse continues.

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

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

Overhead MEP activities at Gates #134, #133, #132 & #130

Curtainwall installation at Gates #130 & #133

North Tower Crane is removed.

North Concourse Bus Connector Steel Erection underway.

South Area 1 - Overhead MEP & Rough-In work; Roof Deck Fixes in preparation for Underlayment; Drywall

South Area 2 - OH MEP Work; Curtainwall Back-up Steel; Moving Walkways installation

South Area 3 - Work focuses on Clerestory & Curtainwall Back-up Steel installation. Moving Walkways.

South Area 4 - Tie-in to Air Handling Units (AHU's)

Gate #150 - OH MEP; Gate #152 - Elevator Shaft Work; Gate #154 - Elevator Guide Rails

Gate #151 - Structural Steel Erection/Weld; Gate #153 - Column Wraps & SOMD

Gate #155 - Metal Stud Walls; Gate #157 - Ready for Steel Erection; Gate #159 - Final Shear Wall Pours

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

### **Budget Status**

Component Guaranteed Maximum Price 01 through 15 have been approved by the Board.  
Buy out is 83% complete, inclusive of approved amendments.

### **Schedule Status**

Gates 134 Substantial Completion  
Target Date: 08/01/12 Forecast Date: Forecast Date: 8/1/12

West Gates Substantial Completion  
Target Date: 12/12/12 Forecast Date: 2/15/13

East Gates Substantial Completion  
Target Date: 10/19/13 Forecast Date: 12/24/13

### **Issues**

\* The project team has established a target interim milestone of February 2012 for 'Dry-In' of the Core Building. Based on this interim milestone 'Dry-In' date, the New Core Substantial Completion date is now forecast for a mid-February 2013 completion. The opening of the West Gates is currently dependent upon the opening of the Core Building. As a result, West Gates Substantial Completion is now forecast for a mid-February 2013 completion.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 85% complete.

### **Construction Progress**

Slab on Metal Deck (SOMD) pours in Area 1 continue.  
Steel Erection in Area 3 is on-going.  
Metal Deck work in Areas 1 & 2 continue.  
Slab on Metal Deck (SOMD) pours in Area 2 has commenced.  
Prep work for Slab on Grade pours in Area 1 continues.  
Work on Shear Walls AA & JJ is on going.

### **Budget Status**

Component Guaranteed Maximum Price 01 through 16 have been approved by the Board.  
Buy out is 56% complete, inclusive of approved amendments.

### **Schedule Status**

Milestone #3 – New Core Construction Completion  
Target Date: 12/12/12 Forecast Date: 2/15/13\*

\*\*Current forecast date includes the results of recovery planning efforts.

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

### Issues

- \* The project team has established a target interim milestone of February 2012 for 'Dry-In' of the Core Building. Based on this interim milestone 'Dry-In' date, the New Core Substantial Completion date is now forecast for a mid-February 2013 completion.
- \* The Structures Phase of construction remains a challenge to the project. The later than planned forecast completion of Shear Wall construction, and Core Steel erection is adversely affecting the project schedule. Shear Wall construction is on the primary Critical Path (CP) of the Program, and completion of these walls are needed to achieve Core Building Dry-In. Schedule planning and work-around sessions continue on a daily basis.

## **BRADLEY WEST ELEMENT - Construction Traffic Mitigations (M203B)**

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

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

The Public Works B-Permit final inspection for all three intersections was performed and the contractor has received Final Certificate of Completion.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

The overall project is complete and final administrative closeout is anticipated by the end of January 2012.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

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

### **Design Progress**

No design contract awarded.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking to the budget.

### **Schedule Status**

This project is anticipated to complete on schedule.

### **Issues**

None at this time.

## **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**

Site Utility (West half) 90% design package and Cooling Tower / Maintenance Building 90% design package were both reviewed and returned to CMJV without significant comments or changes noted. The 60% Site Utility package (East Half) and the 30% Site Utility (Grading and Traffic) package were expected to be issued for review in December 2011; however, due to issues which have arisen with the subcontractor responsible for the site utility installation LAWA and CMJV have engaged in a series of regular review sessions to review in detail the scope of this work and the design development that has occurred to date. This subcontractor believes that design development has resulted in additional costs for his work not anticipated in his bid. This issue will continue into January 2012.

Review by the Los Angeles Department of Building and Safety of deferred submittals from the building package continues. Several packages have been approved, e.g. seismic bracing. The remainder are now expected to be approved in January 2012.

The IS-5119 "Option B" design is permitted; and CMJV is proceeding with implementation.

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

### **Construction Progress**

Shoring installation and excavation of the CUP footprint was completed in mid-December 2011 and concrete was poured for all footings. Significantly, CMJV erected the first steel columns on December 28, 2011. LAWA expects to "top out" steel erection prior to the end of January 2012. (Note: One year from NTP.)

CMJV completed excavation, potholing and demolition to relocate abandoned and existing utilities in the area of the new cooling towers and maintenance building. This work effort has provided the CMJV design team with more accurate as-built conditions and has resulted in some design modifications regarding the building's foundations.

Significant effort was devoted to the realignment of the temporary industrial station, IS-5119. In a collaborative effort between CMJV, LAWA and HNTB a revised location for the industrial station has been developed and work has been initiated on this installation. The revised location should expedite the installation schedule of the temporary station. CMJV has also continued to excavate under the Central Outfall Sewer Bridge in preparation of the installation of four 30" conduit casings.

#### **Long Lead Equipment Procurement and Fabrication:**

Process Equipment comprises about one-third of the total value of the CUP. This equipment includes in excess of 400 individual items. Major equipment items are Combustion Gas Turbines, Heat Recovery Steam Generators, Boilers, Chillers, Motors, Piping and Electrical Switchgear. Most of the major items are on order with shop drawings either received or due in November 2011, December 2011 and January 2012. Significantly, three of the major chillers were delivered in early October and were placed in storage. CMJV/Arup and Syska based upon recent field experience have recommended a change to the fuel gas system equipment which was approved by LAWA.

Pump room construction - Pump Room "Isolation" work was completed in T-7 and T-8 in December 2011. Similar work will proceed in January 2012 in T-1, T-2, T-3 and T-4.

### **Budget Status**

This project is tracking to budget.

### **Schedule Status**

CMJV's schedule update was submitted for November 2011 and is under review.

The project is currently behind schedule due to unforeseen conditions. CMJV and LAWA are discussing mitigation measures and recovery schedules. A positive development is that the initial placement of steel will be 60 days ahead of schedule with the changes to IS-5119 also expected to result in schedule improvement.

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

### Issues

LAWA met with CMJV and their underground distribution piping contractor to discuss issues with this scope of work arising from design development on December 15, 2011. Results from that meet LAWA agreed to a series of scope review meetings to resolve issues. It appears that these are a combination of issues which had not previously been presented to LAWA including "unforeseen underground" conditions which need to be resolved. Issues require prompt resolution so as to not impact the construction start date scheduled for early 2012.

In January 2012 it will be necessary to perform several CUP chilled water shutdowns of six to eight hour duration to install by-pass condenser piping. January is an ideal time for this type of shutdown (winter weather) as cooling loads are at a minimum. Each shutdown will be performed during the night starting at approximately 6 p.m. with the systems being back in operation not later than 6 a.m. the following morning.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The design contract was awarded to Akins North America Inc., on December 15, 2011.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is trending on schedule.

### **Issues**

None at this time.

## 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 the planting and/or seeding of native coastal plants. This project is a requirement of the 2006 LAX Stipulated Settlement Agreement. Item G of the Agreement calls for a project with a budget not exceeding \$3 million to:

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The 100% plans have been submitted and reviewed by LAWA. The B-Permit plans have been submitted to DPW for review and approval.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

The Preconstruction meeting was held on October 13, 2011.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

Construction contract was awarded to Stonghold Engineering on August 15, 2011.

Notice to Proceed was issued on October 31, 2011.

This project is tracking on schedule.

### **Issues**

None at this time.

## **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.

The Notice to Proceed was issued in September 2011.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

NTP was issued September 29, 2011.

### **Issues**

None at this time.

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## 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**

AECOM has been selected for the next phase of Architectural Services for up to 80 dwelling units.

### **Construction Progress**

Currently there are six construction contracts ongoing.

This component of the Noise Mitigation / Soundproofing Program is 90% complete.

### **Budget Status**

This project is trending to complete on budget.

### **Schedule Status**

This project is on track to be completed in 2012.

### **Issues**

None at this time.

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

### **Project Description**

This project replaces the existing, outdated, noncompliant Fire Life Safety Systems in Terminals 1 and 2 with new systems that will bring T1 and T2 in full compliance with Los Angeles Fire Department (LAFD) requirements and current Fire and Building Codes, including the Americans with Disabilities Act's (ADA) visible fire alarm notification requirements. The work includes the upgrades of all fire alarms systems, strobes, 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.

### **Construction Progress**

The contract award was approved by the Board in August 2011; and Administrative Notice-to-Proceed was issued in October 2011.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

## **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 98% complete.

### **Construction Progress**

Priority I Site Mods - Construction contract awarded to W.E. O'Neil Construction Company on August 17, 2009 - Construction is 99% complete.

Priority II - Procurement - Fabrication is at 31%. Five units installed, four units in service.

Priority II-IV Site Mods - The modified scope advertised for bids in November 2011. Bids due January 12, 2012.

Priority II-IV GC MRL Elevators - Combined with the Priority II-IV Site Mods and advertised in November 2011.

Parking Structure MRL Elevators - No construction contracts awarded.

### **Budget Status**

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

### **Schedule Status**

The Priority 1 Units installation completed in mid-December 2011. Change Order #6 added additional units that are on track for a late April 2012 finish.

### **Issues**

Sequence of work at Terminal 6 and rebid issues with the Priority II Site Modifications contract caused delays to the current KONE contract. The Change Order approved by BOAC on November 7, 2011 includes the remaining KONE units into the current WE O'Neil contract and will avoid the majority of contract extensions to KONE. The remaining KONE contract extension issues are being negotiated for contract completion in April 2012.

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## 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.

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## **WORK IN PROGRESS - Runway 25R East End Reconstruction - (Including Taxiways B & C) (A012A)**

### **Project Description**

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

### **Issues**

The 30% design submittal is being finalized.

---

## 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**

The Project Definition phase is underway. This project may be delayed due to project phasing and runway closure concerns from VNY tenants.

---

## WORK IN PROGRESS - Taxiway D-10 (A018A)

### **Project Description**

LAWA Airfield Pavement Management Program has identified the need to reconstruct several portions of airfield pavement on the Westside of Terminal 3. 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 vacated of aircraft traffic allowing LAWA a window of opportunity to make pavement repairs and improvements. It is assumed that the repairs will be limited to slab replacements and minor improvements to drainage and fuel line modifications.

### **Issues**

The Project Definition phase is underway.

---

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

### **Project Description**

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

### **Issues**

The Project Definition phase is underway.

---

## WORK IN PROGRESS - Jenny Street Parking Lot (L016A)

### **Project Description**

This project entails the construction of roughly 2,400 surface parking spaces. 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.

### **Issues**

The Project Definition phase is underway.

---

## WORK IN PROGRESS - Bradley West Terminal 4 Connector (T011A)

### **Project Description**

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

### **Issues**

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

---

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

### **Project Description**

This project implements various improvements that will dramatically enhance the passenger experience. The improvements adeptly capture and resonate the vibrant spirit of LAX by creating an inspiring and dynamic pedestrian and vehicular experience. The improvements are focused upon the northern CTA and include: installation of innovative lighting treatments along the roadway and terminals; brightening of the pedestrian arrivals area; and refreshing the lighting within the airport parking garages 3 and 4.

### **Issues**

The Project Definition phase is underway.

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## PROGRAM MASTER SCHEDULE OVERVIEW

### User's Guide - Schedule

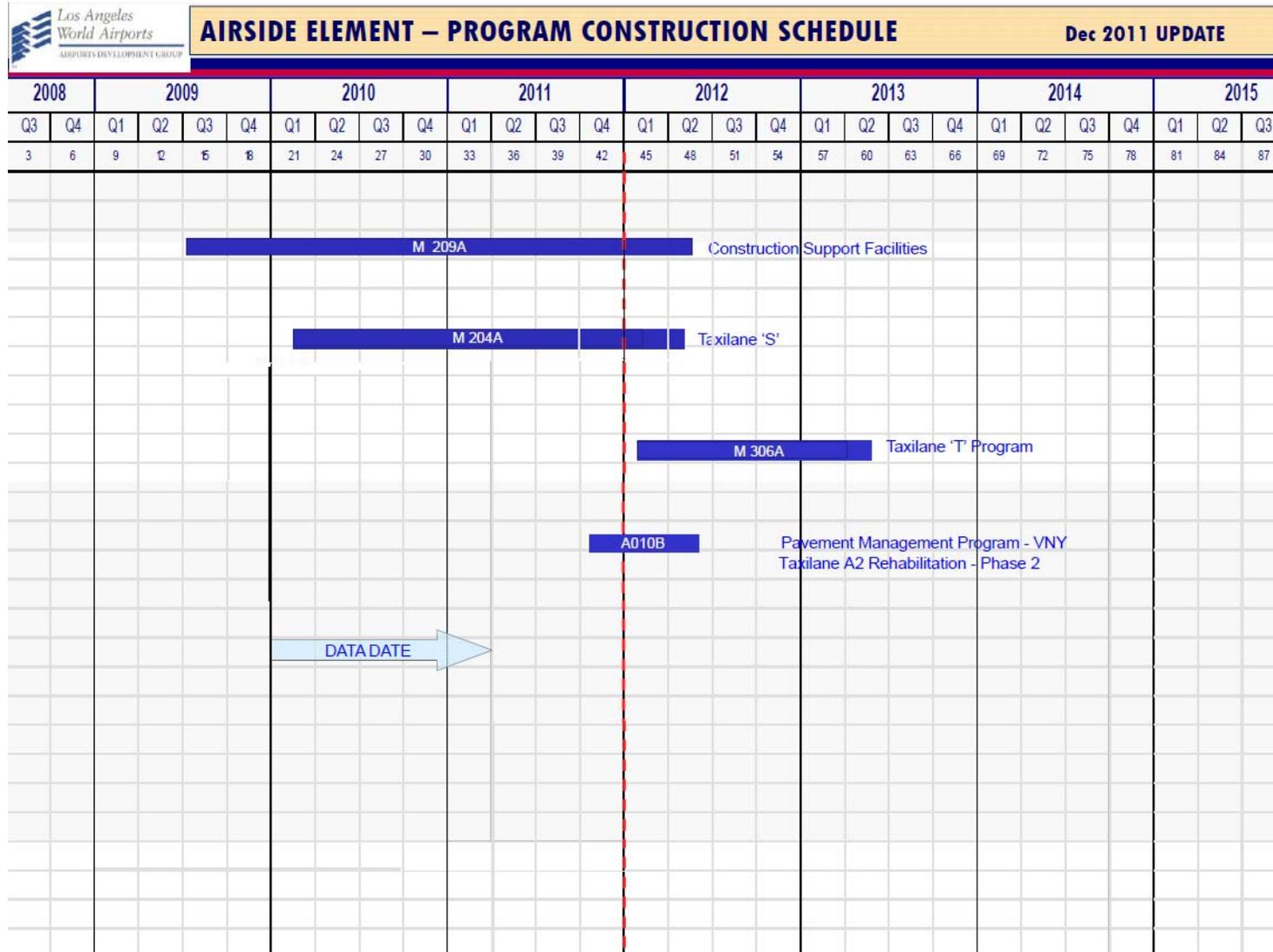
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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.

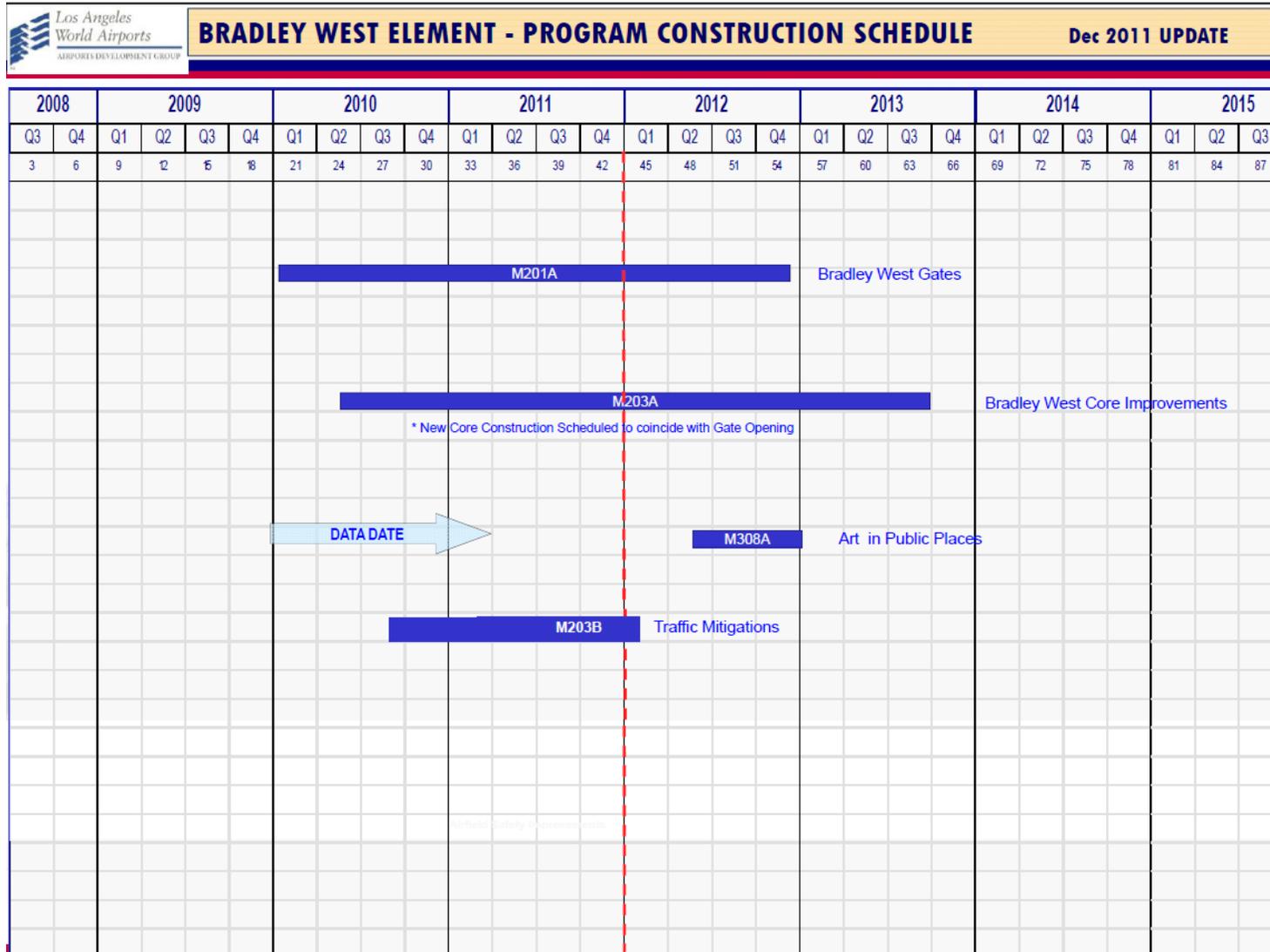
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

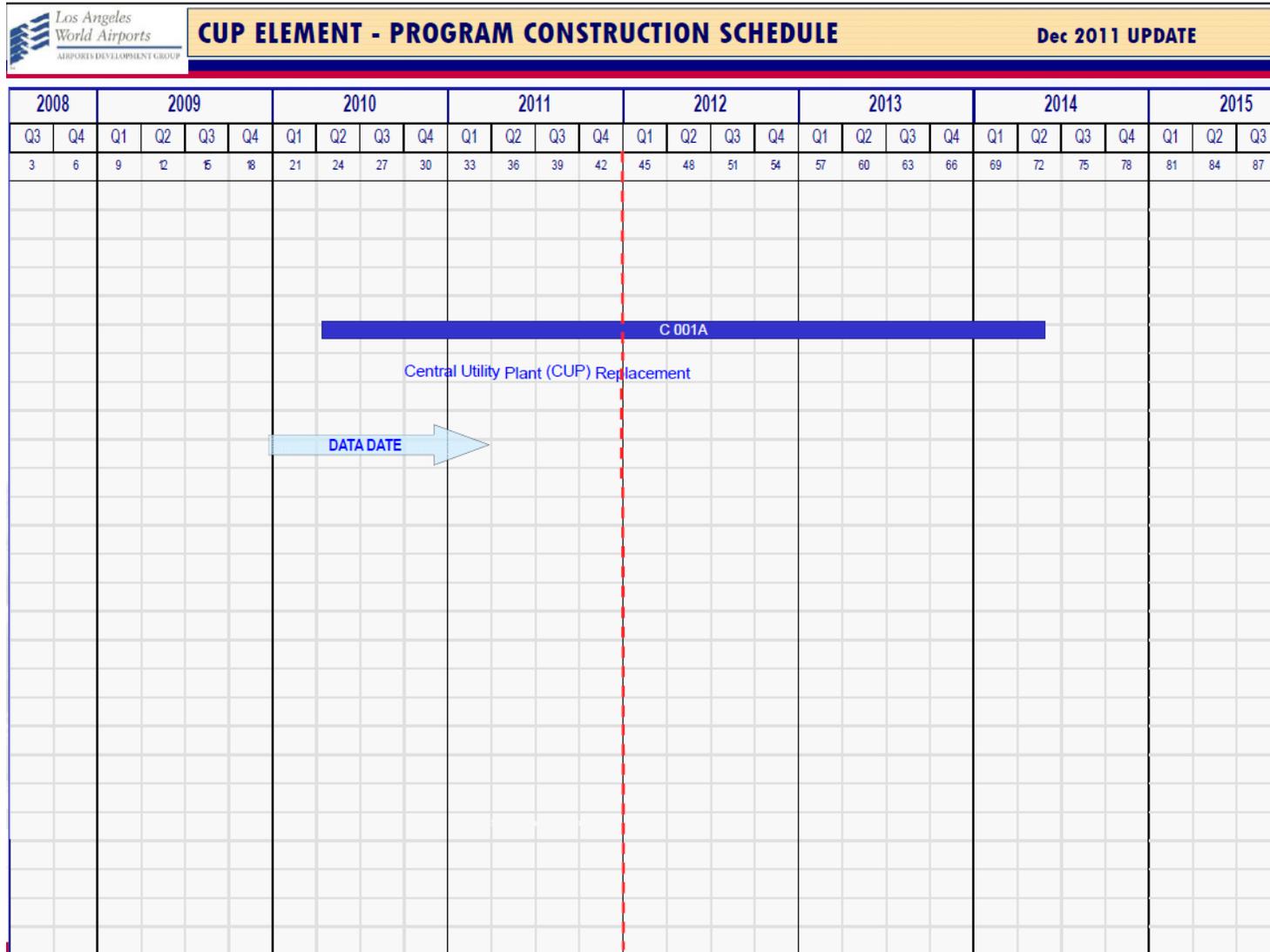
# PROGRAM MASTER SCHEDULE - Continued



# PROGRAM MASTER SCHEDULE - Continued



# PROGRAM MASTER SCHEDULE - Continued

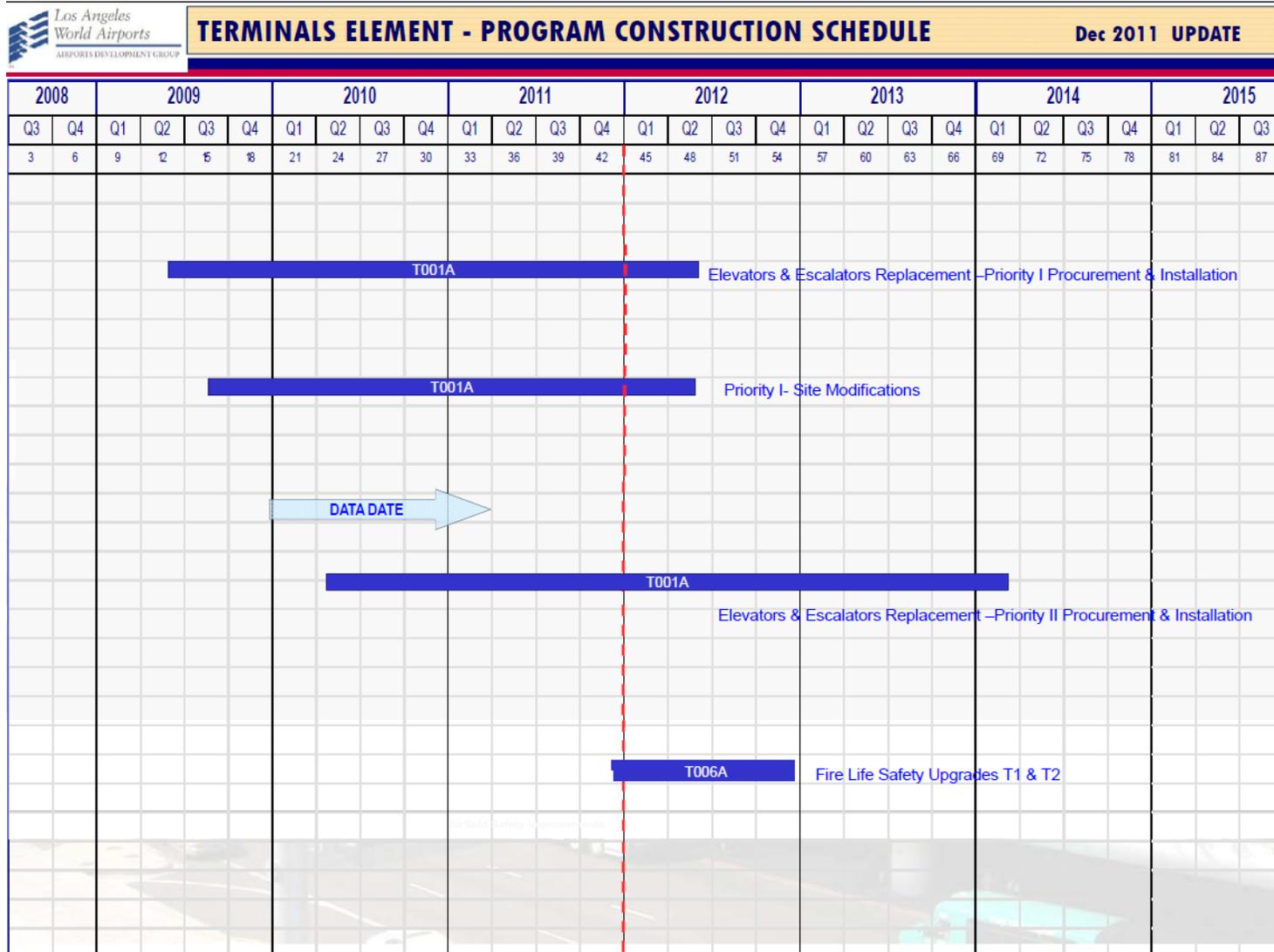
2008		2009				2010				2011				2012				2013				2014				2015		
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87
																												



# PROGRAM MASTER SCHEDULE - Continued

2008		2009				2010				2011				2012				2013				2014				2015		
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87
S002A														Noise Mitigation / Soundproofing ( City of LA )														
																												

# PROGRAM MASTER SCHEDULE - Continued



### 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 12/31/2011

(dollars in thousands)								
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
Airside Element	332,440	373,271	174,206	137,321	354,535	18,735	39%	16%
Bradley West Element	1,723,740	1,764,923	1,233,176	696,534	1,713,952	50,971	41%	21%
CUP Replacement Element	423,835	423,835	332,430	87,749	374,043	49,792	23%	9%
Landside Element	28,406	28,406	8,335	501	27,314	1,092	2%	0%
Residential/Soundproofing Element	181,317	161,317	150,922	144,305	161,214	103	90%	0%
Terminal Element	275,300	245,282	103,526	58,351	207,330	37,952	28%	20%
<b>Subtotal</b>	<b>2,965,038</b>	<b>2,997,034</b>	<b>2,002,595</b>	<b>1,124,761</b>	<b>2,838,388</b>	<b>158,645</b>	<b>40%</b>	<b>18%</b>
Unallocated Contingency	N/A	327,739	0	0	N/A	N/A	N/A	N/A
<b>Subtotal</b>	N/A	<b>3,324,773</b>	<b>2,002,595</b>	<b>1,124,761</b>	N/A	N/A	N/A	N/A
Work in Progress	N/A	0	2,600	252	N/A	N/A	N/A	N/A
<b>Program Total</b>	N/A	<b>3,324,773</b>	<b>2,005,195</b>	<b>1,125,013</b>	N/A	N/A	N/A	N/A

Notes:

1. The current budget and estimate at completion excludes escalation

## AIRSIDE ELEMENT BUDGET REPORT

as of 12/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
M204A	Taxilane 'S'	174,980	162,118	150,252	119,867	162,515	(397)	74%	38%
M306A	Taxilane 'T'	96,500	156,208	14,157	10,731	142,408	13,799	8%	0%
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	0	0	39,176	4,061	0%	0%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,271	71	2,723	210	3%	0%
M209A	Construction Support Facilities	14,790	8,775	7,526	6,652	7,713	1,062	86%	30%
<b>Airside Element Total</b>		<b>332,440</b>	<b>373,271</b>	<b>174,206</b>	<b>137,321</b>	<b>354,535</b>	<b>18,735</b>	<b>39%</b>	<b>16%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## BRADLEY WEST ELEMENT BUDGET REPORT

as of 12/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
M201A	Bradley West Gates	906,474	908,399	701,479	442,664	894,119	14,280	50%	40%
M203A	Bradley West Core Improvements	808,364	848,689	524,049	251,883	812,180	36,509	31%	0%
M203B	Construction Traffic Mitigations	3,542	2,475	2,288	1,987	2,293	182	87%	54%
M308A	Art In Public Places	5,360	5,360	5,360	0	5,360	0	0%	0%
<b>Bradley West Element Total</b>		<b>1,723,740</b>	<b>1,764,923</b>	<b>1,233,176</b>	<b>696,534</b>	<b>1,713,952</b>	<b>50,971</b>	<b>41%</b>	<b>21%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## CUP REPLACEMENT ELEMENT BUDGET REPORT

as of 12/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
C001A	Central Utility Plant	423,835	423,835	332,430	87,749	374,043	49,792	23%	9%
<b>CUP Replacement Element Total</b>		<b>423,835</b>	<b>423,835</b>	<b>332,430</b>	<b>87,749</b>	<b>374,043</b>	<b>49,792</b>	<b>23%</b>	<b>9%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## LANDSIDE ELEMENT BUDGET REPORT

as of 12/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	18,900	2,724	24	18,500	400	0%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	448	300	2,780	220	11%	0%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	5,163	177	6,034	472	3%	0%
<b>Landside Element Total</b>		<b>28,406</b>	<b>28,406</b>	<b>8,335</b>	<b>501</b>	<b>27,314</b>	<b>1,092</b>	<b>2%</b>	<b>0%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT

as of 12/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
S008A	VNY Soundproofing	1,317	1,317	1,030	0	1,214	103	0%	0%
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	149,892	144,305	160,000	0	90%	0%
<b>Residential/Soundproofing Element Total</b>		<b>181,317</b>	<b>161,317</b>	<b>150,922</b>	<b>144,305</b>	<b>161,214</b>	<b>103</b>	<b>90%</b>	<b>0%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## TERMINAL ELEMENT BUDGET REPORT

as of 12/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,017	485	3,572	684	14%	0%
T001A	Elevators and Escalators Replacement	270,000	241,026	100,509	57,866	203,758	37,268	28%	22%
<b>Terminal Element Total</b>		<b>275,300</b>	<b>245,282</b>	<b>103,526</b>	<b>58,351</b>	<b>207,330</b>	<b>37,952</b>	<b>28%</b>	<b>20%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## WORK IN PROGRESS BUDGET REPORT

### as of 12/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
A018A	Taxilane D-10	N/A	0	0	0	N/A	N/A	N/A	N/A
T012A	The New Face of the CTA	N/A	0	2,535	187	N/A	N/A	N/A	N/A
A012A	Runway 25R East End Reconstruction - (Including Taxiways B & C)	N/A	0	0	0	N/A	N/A	N/A	N/A
L015A	Manchester Square / Belford Demolition Program	N/A	0	0	0	N/A	N/A	N/A	N/A
L016A	Jenny Street Parking Lot	N/A	0	0	0	N/A	N/A	N/A	N/A
T011A	Bradley West Terminal 4 Connector	N/A	0	65	65	N/A	N/A	N/A	N/A
<b>Work in Progress Element Total</b>		N/A	<b>0</b>	<b>2,600</b>	<b>252</b>	N/A	N/A	N/A	N/A

Notes:

1. The current budget and estimate at completion excludes escalation

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## 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.

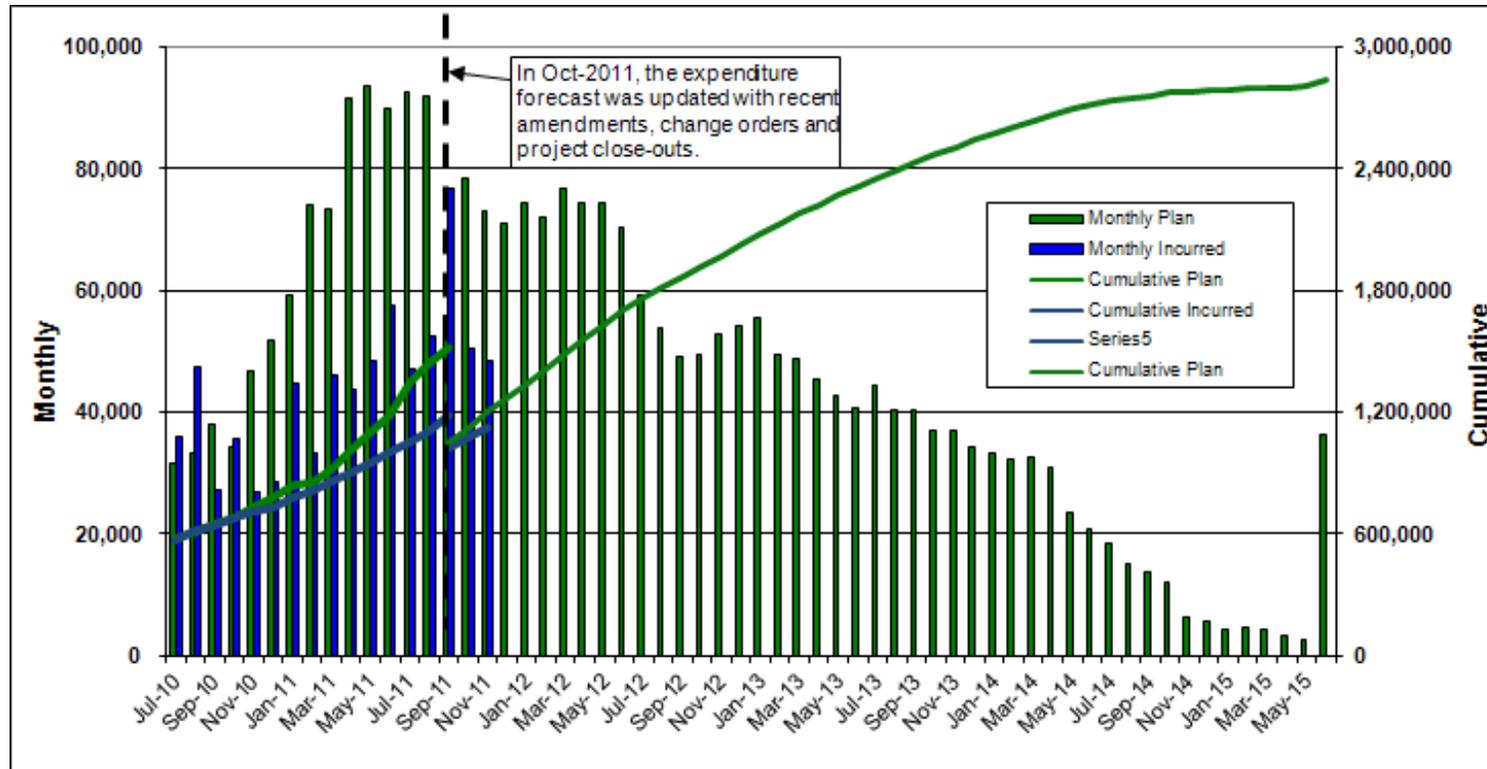
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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

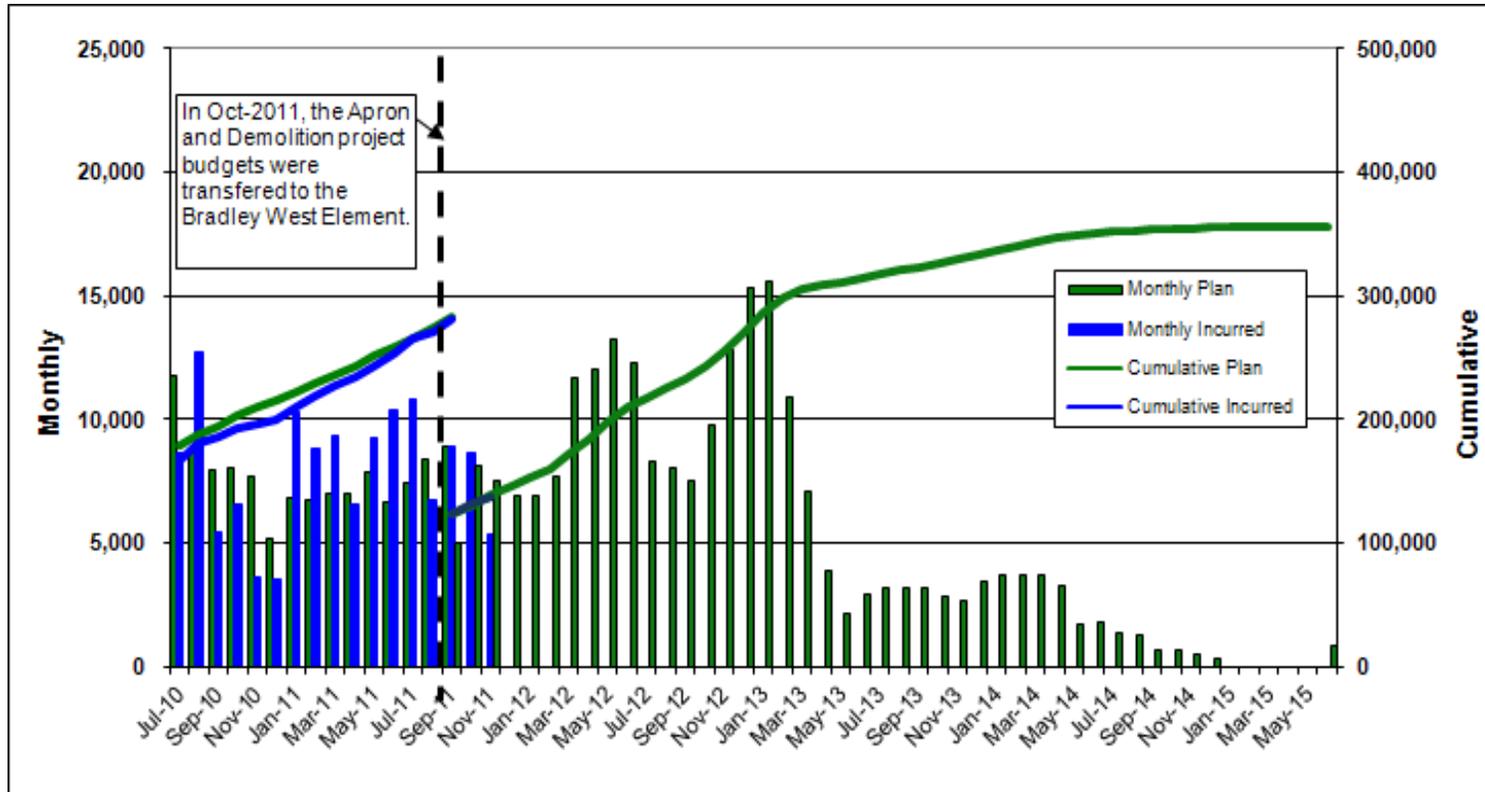
as of 12/31/2011



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

# AIRSIDE ELEMENT CASH FLOW

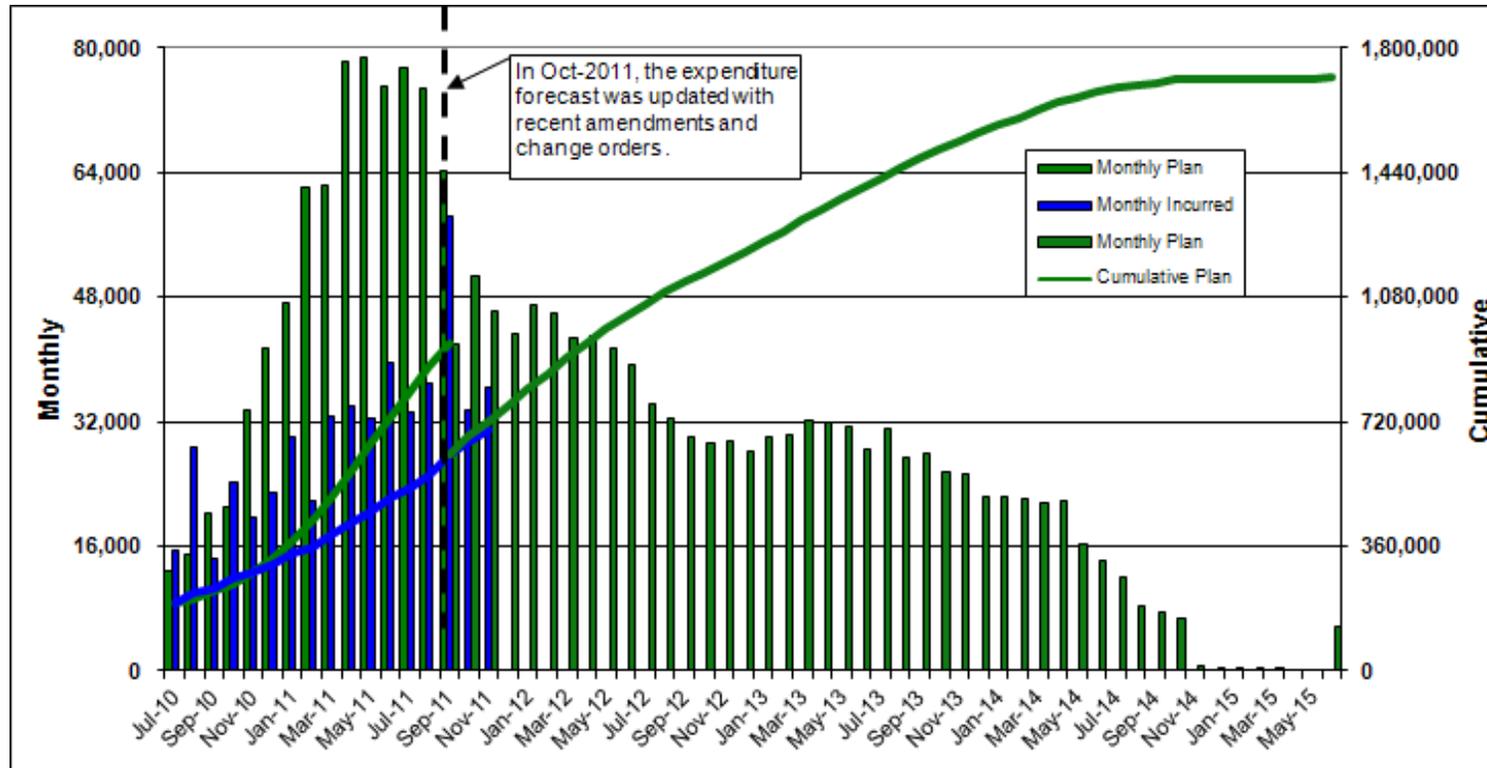
as of 12/31/2011



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

# BRADLEY WEST ELEMENT CASH FLOW

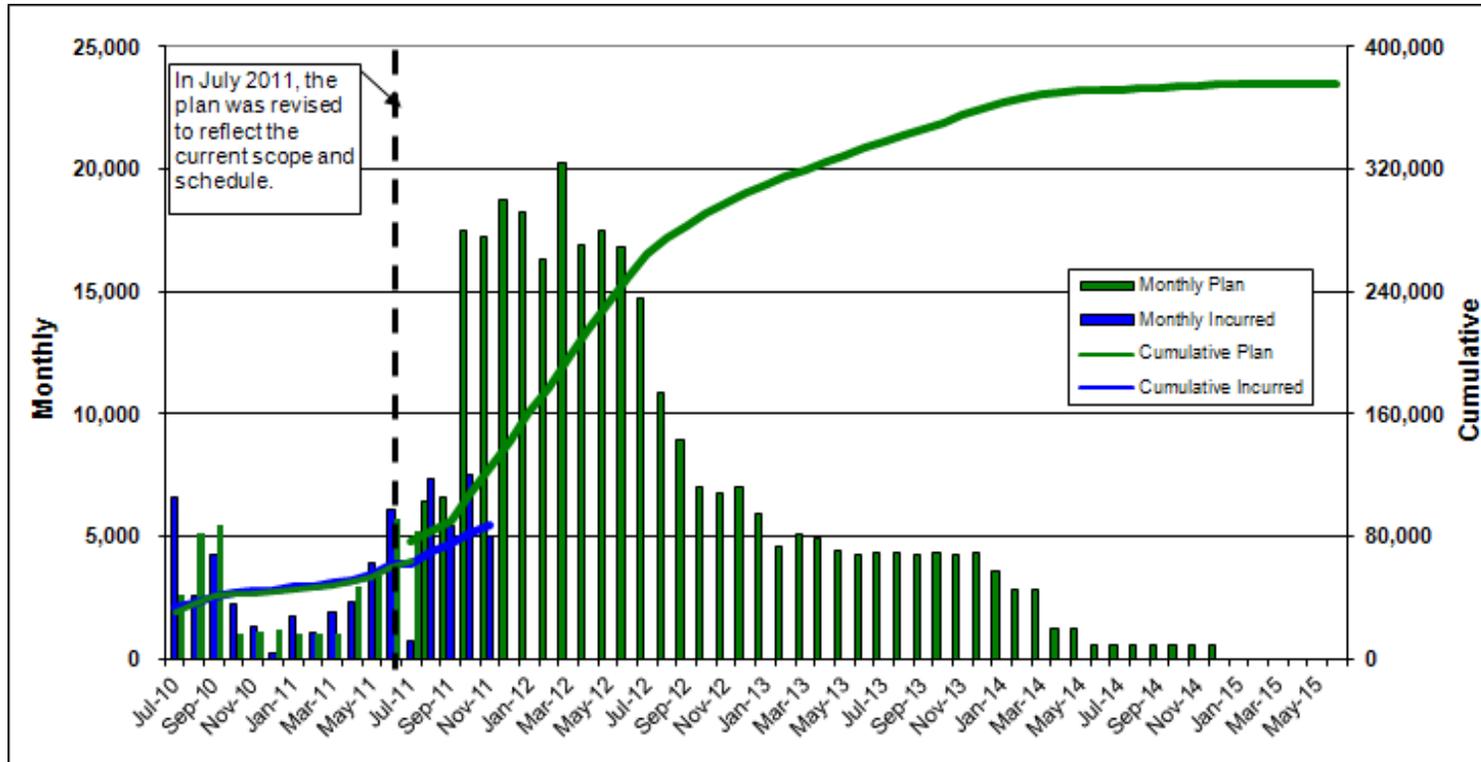
as of 12/31/2011



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

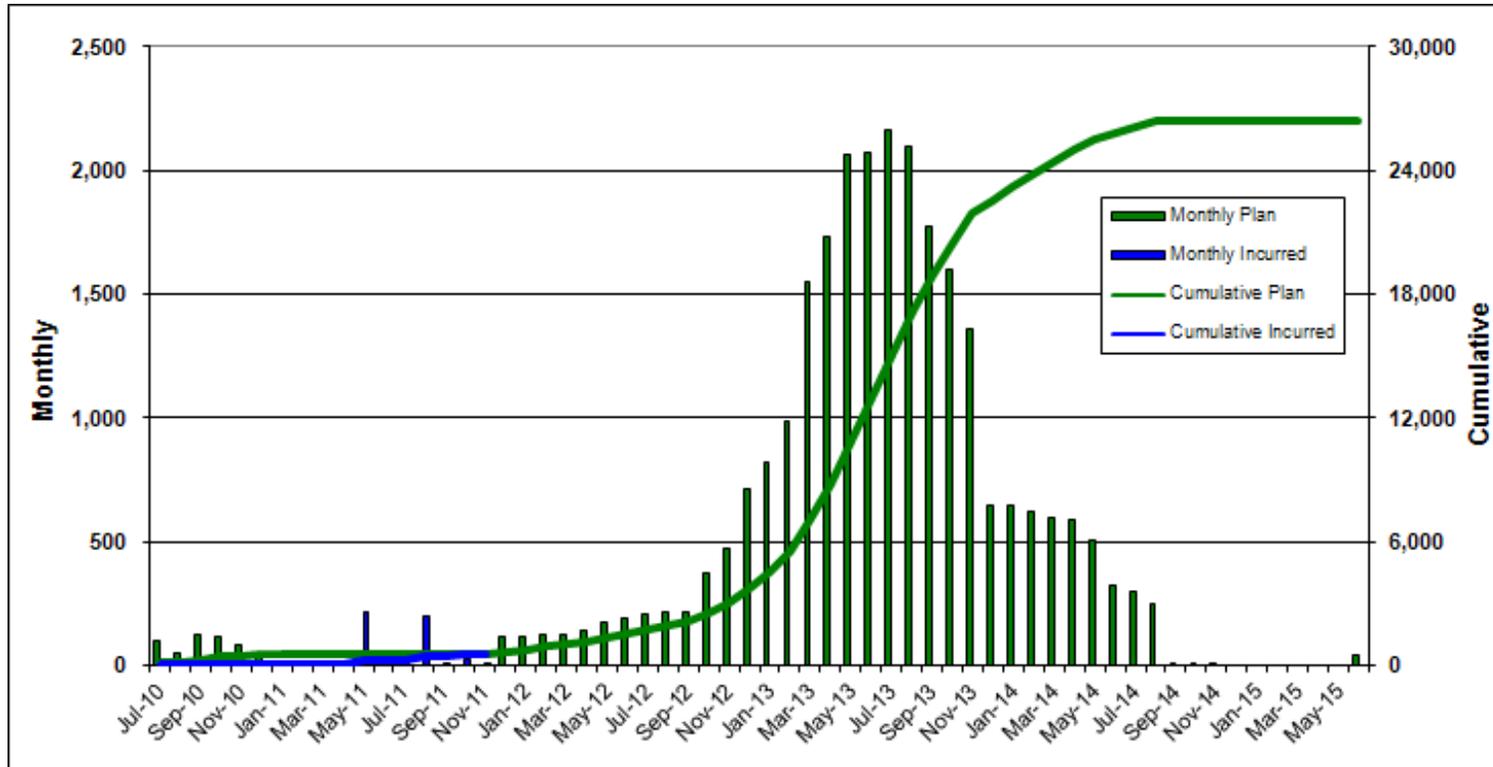
# CUP REPLACEMENT CASH FLOW

as of 12/31/2011



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

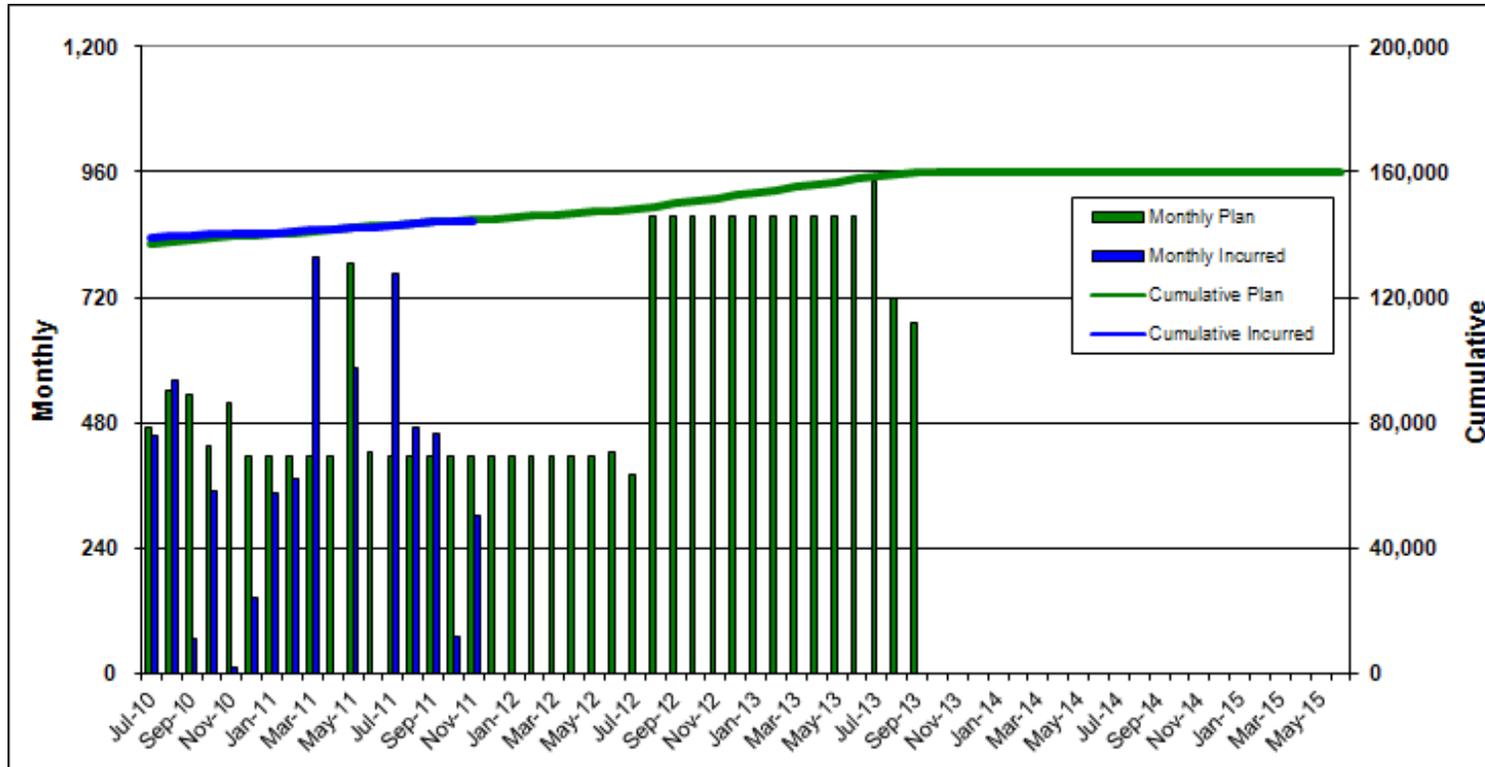
## LANDSIDE ELEMENT CASH FLOW as of 12/31/2011



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

## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

as of 12/31/2011

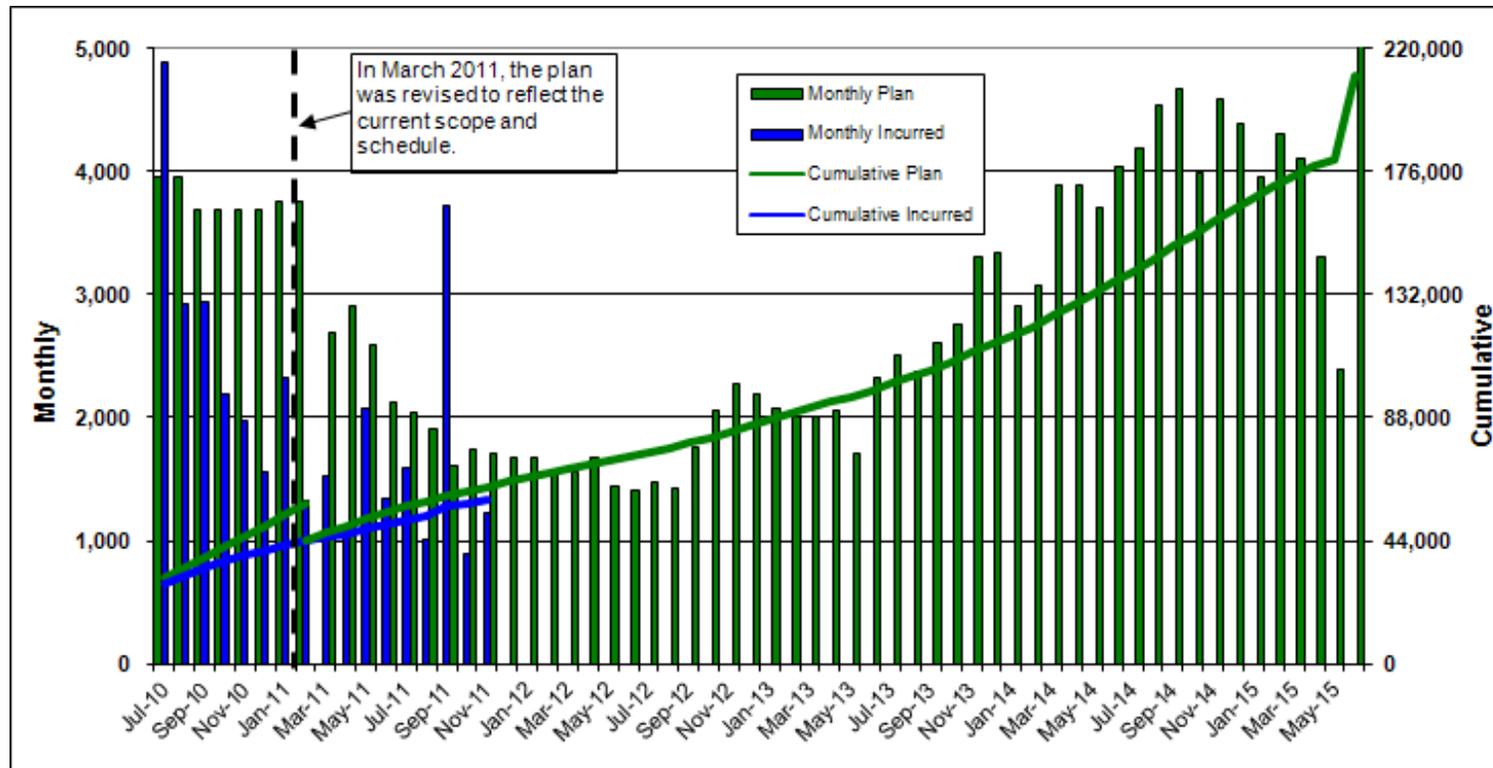


Notes:

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

## TERMINALS ELEMENT CASH FLOW

as of 12/31/2011



Notes:

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

### 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 12/31/2011

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>							
<b>M209A - CONSTRUCTION SUPPORT FACILITIES</b>							
		DA-4338A	0007	\$63,750			Removal and Replacement of Airfield Markings

## CHANGE ORDERS - Continued as of 12/31/2011

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Bradley West Element</b>							
<b>DA-4337 - BRADLEY WEST GATES (DA-4337)</b>							
	DA-4337/CGMP01		0017		\$392,211		01.17 Permits and LADBS Inspections
	DA-4337/CGMP01		0018	\$31,529			01.18 Flaggers at Zipper-add Flagger North Taxiway "T" Zipper at VSR while any work is happening at Site
	DA-4337/CGMP02		0215	\$31,802			02.215 Gate 151 Metal Deck Edge of Slab Dimension on Level 04 and 05 (RFI 4705) (Structural Steel)
	DA-4337/CGMP02		0216		\$199,859		02.216 RFI 2775 Embedment Depth of Embed Assembly at Brace Frame Gusset Plate (Steel)
	DA-4337/CGMP02		0217	\$10,329			02.217 IWBT Insulation and Centrifugal Fans
	DA-4337/CGMP02		0218	(\$2,776)			02.218 IWBT Hasson OCIP Credit
	DA-4337/CGMP02		0219	\$15,798			02.219 IWBT Sanitary Sewer Cross Connection
	DA-4337/CGMP02		0220	\$8,148			02.220 Gates N15 and N5 Back-Up Steel Connection to Structural Steel Detail
	DA-4337/CGMP02		0221	\$94,865			02.221 Gates Bent Plate Attachment for Curtain Wall Back-Up Steel at Piers
	DA-4337/CGMP02		0222	\$7,927			02.222 Deluge IR Detectors at Gates (Curtain Wall)
	DA-4337/CGMP02		0223	\$24,424			02.223 Gates Additional Support Framing at Back-Up Steel Penetration (Curtainwall)
	DA-4337/CGMP02		0224	(\$48,243)			02.224 Panel D1MX Feeder Credit with Modifications to 5KV Feeder
	DA-4337/CGMP02		0225	\$29,714			02.225 IWBT WiFi Deletion of Air Defense Equipment
	DA-4337/CGMP02		0226	\$6,218			02.226 IWBT - Gate 123 Arrival Doors Hardware Replacement
	DA-4337/CGMP02		0227	\$4,224			02.227 Gates Additional Back-Up Steel for Roof Connection
	DA-4337/CGMP02		0228	\$6,666			02.228 Gates Back-Up Steel Conflicts at Pier Roof Connections
	DA-4337/CGMP02		0229	\$6,452			02.229 IWBT - UPS Network Interface Configuration Training and Testing
	DA-4337/CGMP02		0230	\$6,826			02.230 Revised Beam Location and Added Backspan
	DA-4337/CGMP02		0231	(\$18,286)			02.231 Gates Clerestory Curb Flashing Changes
	DA-4337/CGMP02		0232	\$3,213			02.232 Gates 119 and 106 Striping
	DA-4337/CGMP02		0233	\$17,205			02.233 IWBT - RFI 1212 - Roof and Gutter Attachment
	DA-4337/CGMP02		0234		\$506,713		02.234 BWG - Escalators and Pier Framing Changes (Structural Steel)
	DA-4337/CGMP02		0235	\$4,240			02.235 Gates Back-up Steel and RBM Connection Conflict (Steel)
	DA-4337/CGMP03		0039	\$42,818			03.39 Removal of Spoils from Area 23 and 24
	DA-4337/CGMP03		0040	\$13,101			03.40 Location Shift and Extension of Fuel System Electrical Ductbanks N and P (RFI-4799)

### Bradley West Element

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

DA-4337/CGMP04	0006	\$148,711		04.06 - Various Contractor Change Requests
DA-4337/CGMP04	0119	\$1,227		04.119 Gate 151 Metal Deck Edge of Slab Dimension on Level 04 and 05 (RFI 4705) (Concrete)
DA-4337/CGMP04	0120	\$77,226		04.120 RFI 2775 Embedment Depth of Embed Assembly at Brace Frame Gusset Plate (Concrete)
DA-4337/CGMP04	0121	\$3,848		04.121 Additional Equipment Pads in Slab on Grade Level 03 Areas
DA-4337/CGMP04	0122	\$5,469		04.122 RFI 5451, 4778 Deepened Footings for Anchor Bolts at Bus Connector
DA-4337/CGMP04	0123	\$4,468		04.123 CPCN 6797 Beam Pockets at East Wall of Gate 159
DA-4337/CGMP04	0124	\$2,068		04.124 Bus Gate Grade Beam Rebar Conflict with Anchor Bolts (RFI 5480)
DA-4337/CGMP04	0125	\$8,419		04.125 BWG Levels 3,4,5 and Roof Embed Types A51, A57, A74, ASK757 and B29
DA-4337/CGMP04	0126	\$3,480		04.126 Added Wall Splice Due to Early Steel Bracing (FD 0398)
DA-4337/CGMP04	0127	\$31,135		04.127 Extended Level 04 and 05 Landings at Pier Elevators (RFI 5391)
DA-4337/CGMP04	0128	\$3,642		04.128 RFI 5575 - Bus Gate Column Encasements at Lowered Footings
DA-4337/CGMP04	0129	\$28,474		04.129 Rework Foundations at S38-S41 Due to LA Standards Certification Issue
DA-4337/CGMP05	0047		\$491,515	05.47 Roof Gutter Support Steel at Gutter Ends (RFI-3682)
DA-4337/CGMP05	0048	\$959		05.48 Location of RIDS Display at West Elevation Between N14 and N15 (RFI 4479) ( Misc Metals)
DA-4337/CGMP05	0050	\$14,243		05.50 Gates VDGS Support Connection at N16/DD Alcove (Misc. Metals)
DA-4337/CGMP05	0051	\$115,919		05.51 BWG Revised Bottom Escalator Detail at Piers
DA-4337/CGMP05	0052	\$15,756		05.52 BWG - Escalators and Pier Framing Changes (Miscellaneous Metals)
DA-4337/CGMP05	0053		\$185,491	05.53 Gates Signage Structural Supports (GDN-117)
DA-4337/CGMP06	0024	\$11,809		06.24 Deluge IR Detectors at Gates (PVC Roof)
DA-4337/CGMP06	0025	\$6,799		06.25 Gates Additional Support Framing at Back-Up Steel Penetration (PVC Roof)
DA-4337/CGMP06	0026	\$34,162		06.26 Gates Clerestory Curb Flashing Changes
DA-4337/CGMP07	0069	(\$53,003)		07.69 Heat Exchanger Changes (HX-4, HX-5, HX-6, HX-7)
DA-4337/CGMP07	0070	\$48,794		07.70 Deluge IR Detectors at Gates (Fire Protection)
DA-4337/CGMP07	0071	\$90,413		07.71 Mechanical QA Changes (GDN-063)
DA-4337/CGMP07	0072	\$4,592		07.72 Upgrade of BAS Firewall Hardware
DA-4337/CGMP07	0073	\$24,206		07.73 Add 8" x 10" Valves at Heat Exchangers (RFI-3674)
DA-4337/CGMP07	0074	\$2,259		07.74 Emergency Eye Wash at Level 04 C&M Charging Room 4S1-03
DA-4337/CGMP07	0075	\$14,631		07.75 Long Term Storage and Monthly Chiller Maintenance

### Bradley West Element

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

DA-4337/CGMP08	0047	\$5,366		08.47 Location of RIDS Display at West Elevation Between N14 and N15 (RFI 4479) (Electrical)
DA-4337/CGMP08	0048	\$59,378		08.48 BWG Dedicated Cable Tray for Paging Cable in TR Rooms
DA-4337/CGMP08	0049		\$505,284	08.49 BWG Genset Active Diesel Particulate Filters
DA-4337/CGMP08	0050	\$5,601		08.50 Gates Fire Rated Soffits for Ductwork at Pier Egress Stairs - GDN 074
DA-4337/CGMP08	0051	(\$218)		08.51 BWG Deleted Exit Sign and Switch (RFI 4073)
DA-4337/CGMP08	0052	(\$22,068)		08.52 BWG Delete Pull Boxes Level 1 AA/N1
DA-4337/CGMP08	0053	\$62,128		08.53 BWG Field Testing-MV Switchgear, 34.5 Metering Switchgear, LV Switchgear
DA-4337/CGMP08	0054	\$10,117		08.54 BWG Telecom Specification Section 275113 1.10G1
DA-4337/CGMP08	0055	\$553		08.55 Revised Fixture Layout for Storage Room 4S1-02
DA-4337/CGMP08	0056	(\$3,806)		08.56 Cyber Padlock at Exterior Overhead Door 4S1-02D (Electrical)
DA-4337/CGMP08	0057	\$103,326		08.57 GDN-094 Gate EVIDS Relocation/ CCTV/ RIDS/ VDGS
DA-4337/CGMP08	0058	\$37,260		08.58 BWG Communication Conduits at Gridlines BB.6 and C1/S1
DA-4337/CGMP08	0059	(\$11,902)		08.59 Revised FF Fixture for Level 3 Corridor
DA-4337/CGMP08	0060	(\$177)		08.60 Emergency Eye Wash at Level 04 C&M Charging Room 4S1-03
DA-4337/CGMP08	0061	\$9,133		08.61 GDN-122 Coordination of S2 and S5 Telecom Rooms Layout with Architectural
DA-4337/CGMP08	0062	(\$3,151)		08.62 BWG- GDN-105 ACAMS Security Interlock and Elevator Control
DA-4337/CGMP08	0063	\$8,607		08.63 BWG Fire Pumps Running Simultaneously
DA-4337/CGMP08	0064	\$7,592		08.64 BWG - Level 1 Sprinkler Revisions (GDN-106)
DA-4337/CGMP08	0065	(\$2,618)		08.65 Delete North/ South Vault Pre-Vault-Action Systems
DA-4337/CGMP08	0066	\$30,269		08.66 BWG CCP Versus Gates Conduit Count for South Electrical Vault
DA-4337/CGMP08	0067		\$470,746	08.67 Additional Temporary Power for South Concourse (FD-0583)
DA-4337/CGMP09	0030	\$874		09.30 Gates Additional Support Framing at Back-Up Steel Penetration (Exterior Framing)
DA-4337/CGMP09	0031	\$2,815		09.31 Gates VDGS Support Connection at N16/DD Alcove (Framing and Fireproofing)
DA-4337/CGMP09	0032	\$3,180		09.32 Gates Back-up Steel and RBM Connection Conflict (Fireproofing)
DA-4337/CGMP10	0044	\$1,065		10.44 Gates Level 3 Janitor's Closet Wall Type Change
DA-4337/CGMP10	0045	\$18,170		10.45 Gates Additional Wall at Trash Room 3S4-08
DA-4337/CGMP10	0046		\$150,651	10.46 Gates Pier Corners Interior Wall Changes (Drywall)
DA-4337/CGMP11	0014	\$333		11.14 Cyber Padlock at Exterior Overhead Door 4S1-02D (Doors)
DA-4337/CGMP11	0015	(\$7,034)		11.15 Gates Door Hardware Changes - Levels 1 and 3 North Concourse
DA-4337/CGMP12	0018		\$265,562	12.18 Gates Sterile Corridor Pylon Welded Construction (Interiors)

### Bradley West Element

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

DA-4337/CGMP12	0019	\$5,067		12.19 Gates Signage Structural Support (GDN 117) (Decorative Metals)
DA-4337/CGMP12	0020	\$31,519		12.20 Gates Clerestory Decorative Screen Supports
DA-4337/CGMP12	0021	\$1,904		12.21 Gates Door Hardware Changes - Levels 1 and 3 North Concourse
DA-4337/CGMP12	0022	\$801		12.22 Gates Pier Corners Interior Wall Changes (Decorative Metals)
DA-4337/CGMP13	0017		\$219,231	13.17 Gates Sterile Corridor Pylon Welded Construction (Painting)
DA-4337/CGMP13	0018	\$4,344		13.18 BWG - Pier Steel Embed Interim Protective Coating
DA-4337/CGMP13	0019	\$7,336		13.19 Deluge IR Detectors at Gates (Painting)
DA-4337/CGMP13	0020	(\$244)		13.20 Gates Level 03 Deletion of ADA Benches in Locker Rooms

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

DA-4382/CGMP01	0024	\$48,274		01.24 WSA- Fire Water Design Changes (LADBS Permit and Rev 6 Drawings)
DA-4382/CGMP01	0025	\$8,651		01.25 WSA- Clearing along North End for Construction Access.
DA-4382/CGMP01	0026	\$14,223		01.26 WSA - Fire Water Design Changes (Added Valves on Mainline)
DA-4382/CGMP01	0027		\$3,265,191	01.27 WAJV East parking and Commercial Vehicle Holding Lots
DA-4382/CGMP01	0028	\$8,976		01.28 WSA - Changes to ACAMS Cabling Requirements per RFI 3769 Response
DA-4382/CGMP02	0031	\$5,211		02.31 15" SD Line Connection to JS-28-1
DA-4382/CGMP03	0051	\$8,036		03.51 TPAR - Installation of Remote Annunciator for CUP Emergency Generator
DA-4382/CGMP03	0052	\$1,367		03.52 TPAR - Investigate Water Leak of 8" CIP Fire Water Line in Center Way North
DA-4382/CGMP04	0075	\$8,080		04.75 Modification of Existing Stair 9 and Stair 10 Landings to Extend Width
DA-4382/CGMP04	0076	\$10,803		04.76 TEE Lighting changes in Elevator 12, 13 Lobbies
DA-4382/CGMP04	0077	\$44,266		04.77 Addition of 1-1/4" Reveal at all Core Elevator Entrance Jambs and Headers
DA-4382/CGMP04	0078	(\$2,330)		04.78 TEE Camera 23CE01 and 23CE401 Relocation Descope and Verification
DA-4382/CGMP05	0015	\$9,123		05.15 BWC - Revised Deferred Submittal Listing (Metal Panels)
DA-4382/CGMP06	0078	\$117,409		06.78 Structural Steel Edge of Slab Revisions And Curtain Wall Support Column at X6.
DA-4382/CGMP06	0082	\$34,670		06.82 ADG RFI 0004, RE: Top of Wall Detail for Shear Wall at Gridline 51.8
DA-4382/CGMP06	0083	\$43,658		06.83 CD 0599 - CDB 059 Premier Lounge North Terrace Added Egress Stair
DA-4382/CGMP06	0084	\$17,622		06.84 BWC-Slab Edge Revisions per Submittals BWC 0324-0, 03325-1 and 0345
DA-4382/CGMP06	0085	\$6,273		06.85 RFI 1767 Column Pad Elevation at Y2-X13
DA-4382/CGMP06	0086	\$7,675		06.86 BWC - Additional Wall Footing Construction Joint(Concrete)

### Bradley West Element

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

DA-4382/CGMP06	0087	\$47,575		06.87 Level 3 Slab Coordination - CDN-028
DA-4382/CGMP06	0088	\$5,306		06.88 Changes HSS Beam to Wide Flange Beam-RFI No. 1841
DA-4382/CGMP06	0089	\$1,569		06.89 Base Plate conflicts at X19/Y9 Foundation
DA-4382/CGMP06	0090	\$24,949		06.90 BWC IEMS Time Tower Structural Steel Revisions
DA-4382/CGMP06	0091	\$13,794		06.91 BWC IEMS Time Tower :Connection of HSS 12x12 to HSS 6x6 Beam
DA-4382/CGMP07	0013	\$37,663		07.13 Core Lightwell IGL 3.8& IGL 3.9 Glass Thickness
DA-4382/CGMP07	0014	\$17,876		07.14 Curtain Wall Back Up Steel Shop Drawing Clarification
DA-4382/CGMP08	0073	\$10,122		08.73 Mechanical CFS Damper at Relief Air Shaft on Level 5
DA-4382/CGMP08	0074	(\$1,372)		08.74 Lighting Fixture Credit (RFI's 2066, 2132, 2141)
DA-4382/CGMP08	0075	\$3,897		07.75 Mechanical Changes based upon Supplemental QA-Design Notice 105
DA-4382/CGMP08	0076	\$23,433		08.76 Fixture F1 Quantity in Room 4C6-35
DA-4382/CGMP08	0077	\$101,441		08.77 BWC-RFI 974 R/A Duct Originally Sized @ 96x60 Resized to 60x84.
DA-4382/CGMP08	0078	\$135,669		08.78 Insufficient Sprinkler Coverage at High Roof (Fire Protection)
DA-4382/CGMP08	0079	\$53,706		08.79 Condensate Drain Size & Routing
DA-4382/CGMP08	0080	\$84,512		08.80 BWC-Comm-Telecom Pull Box shown on drawing T25C7
DA-4382/CGMP08	0081	\$7,275		08.81 (CANCELLED see CGMP01.29) Grounding of MH33 and MH34 to Trailer "B"
DA-4382/CGMP08	0082	\$371		08.82 BWC - Fixture Types and Quantities Level 3 Area 8
DA-4382/CGMP08	0083	\$24,727		08.83 BWC-Exit Passageway 2C4-10 Fixture and Ceiling
DA-4382/CGMP08	0084	\$11,908		08.84 RFI 2953 - Communications - Level 4 Light Fixture and Cable Tray Clearance
DA-4382/CGMP08	0085	\$9,706		08.85 EVIDS Relocation Gate 148 (CDN-080) (Electrical)
DA-4382/CGMP08	0086	\$24,290		08.86 RFI 2801 - Fire Protection Underground Utility Re-Route
DA-4382/CGMP08	0087	\$3,806		08.87 Level 3 Mechanical Diffuser Layout Coordination (Mechanical)
DA-4382/CGMP08	0088	\$3,094		08.88 Core Stair 3C6ST01 North Wall Relocation(Electrical)
DA-4382/CGMP08	0089	\$5,171		08.89 (Canceled - See CGMP Rev 08.105) Grounding of Communication Vaults at 8100 Westchester Parkway
DA-4382/CGMP08	0090	\$49,270		08.90 Telecom Conduit TR2C7-18 / 3C2-52 Routing
DA-4382/CGMP08	0091	\$1,897		08.91 Electric - Sewage Ejector Control Panel SE-1 Power Verification
DA-4382/CGMP08	0092	\$1,332		08.92 Electric - Sewage Ejector Control Panel SE-2 Power Verification
DA-4382/CGMP08	0093	\$5,619		08.93 Stair C8ST01 Type "A" Fixture Quantity and Location
DA-4382/CGMP08	0094	\$10,511		08.94 BWC - Electrical Fixture Type & Quantity on Level 6 Area 8
DA-4382/CGMP08	0095	(\$46,825)		08.95 Revised VAV Box Schedule Eliminating Piping, Controls, Insulation, and Balancing

### Bradley West Element

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

DA-4382/CGMP08	0096	\$2,393		08.96 BWC - MECH - Level 4 Area C1 Air Distribution
DA-4382/CGMP08	0097	\$5,922		08.97 BWC RFI Re-routed Transfer Air Duct with a CFSD
DA-4382/CGMP08	0098	(\$10,088)		08.98 BWC - Elect - Deleted (2) Type FC63a Fixtures
DA-4382/CGMP09	0018	(\$7,861)		09.18 Core 304 Stainless Steel Masonry Anchor Credit
DA-4382/CGMP09	0019	\$32,772		09.19 Spacing of Masonry Veneer Anchors on Exterior Walls
DA-4382/CGMP09	0020	\$5,203		09.20 CMU Wall Connection to CIP Wall and Beam
DA-4382/CGMP09	0021		\$199,195	09.21 BWC-Premier Lounge North Terrace Added Egress Stair(Misc. Metals)
DA-4382/CGMP09	0022	(\$5,440)		09.22 Core Stair 3C6ST01 North Wall Relocation(Misc Metals)
DA-4382/CGMP09	0023	\$1,230		09.23 RFI 3363- Louver Sill Detail for EWT-03
DA-4382/CGMP10	0006	\$134,988		10.06 BWC - Revised Deferred Submittal Listing (fireproofing)
DA-4382/CGMP12	0023	\$4,287		12.23 RFI 3012 - Level 2 Rated Enclosure at Exit Passageway 2C8-05 (Electrical)
DA-4382/CGMP14	0008	\$1,958		14.08 Core ADA Water Closet Stall Dimension Conflict(CPCN 5768)
DA-4382/CGMP14	0009	\$8,096		14.09 BWC - Revised Deferred Submittal Listing (Insulation)
DA-4382/CGMP14	0010	\$40,868		14.10 BWC-Premier Lounge North Terrace Added Egress Stair(Painting)
DA-4382/CGMP14	0011	\$17,123		14.11 Insufficient Sprinkler Coverage at High Roof (Painting)
DA-4382/CGMP14	0012	\$13,934		14.12 EVIDS Relocation Gate 148 (CDN-080) (Specialities)
DA-4382/CGMP14	0013	\$395		14.13 RFI 3012 - Level 2 Rated Enclosure at Exit Passageway 2C8-05 (Paint)
DA-4382/CGMP14	0014	\$15,444		14.14 Fire Sprinkler Obstruction at North and South Lightwell Roof - Added Sprinkler Piping and Heads (Painting)

## CHANGE ORDERS - Continued as of 12/31/2011

Element						
Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>CUP Replacement Element</b>						
<b>C001A - CENTRAL UTILITY PLANT</b>						
	DA-4554/000C	0016	\$30,180			Coordination Study and Cooling Fans for TPAR
<b>Landside Element</b>						
<b>Residential/Soundproofing Element</b>						
<b>Terminal Element</b>						

### Bradley West- Gates

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE )	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$29,131,181.00	\$236,236.00	\$29,367,417.00	4.72%
DOCUMENT CORRECTION	\$12,664,354.00	\$2,187,673.00	\$14,852,027.00	2.39%
FIELD CONDITIONS	\$4,612,867.00	\$1,050,305.00	\$5,663,172.00	0.91%
OWNER BETTERMENT	\$3,605,983.00	\$535,291.00	\$4,141,274.00	0.67%
CODE REQUIREMENT	\$1,167,415.00	\$959,623.00	\$2,127,038.00	0.34%
INSPECTION RESULT	\$0.00	\$2,714.00	\$2,714.00	0.00%
<b>TOTAL</b>	<b>\$51,181,800.00</b>	<b>\$4,971,842.00</b>	<b>\$56,153,642.00</b>	<b>9.03%</b>

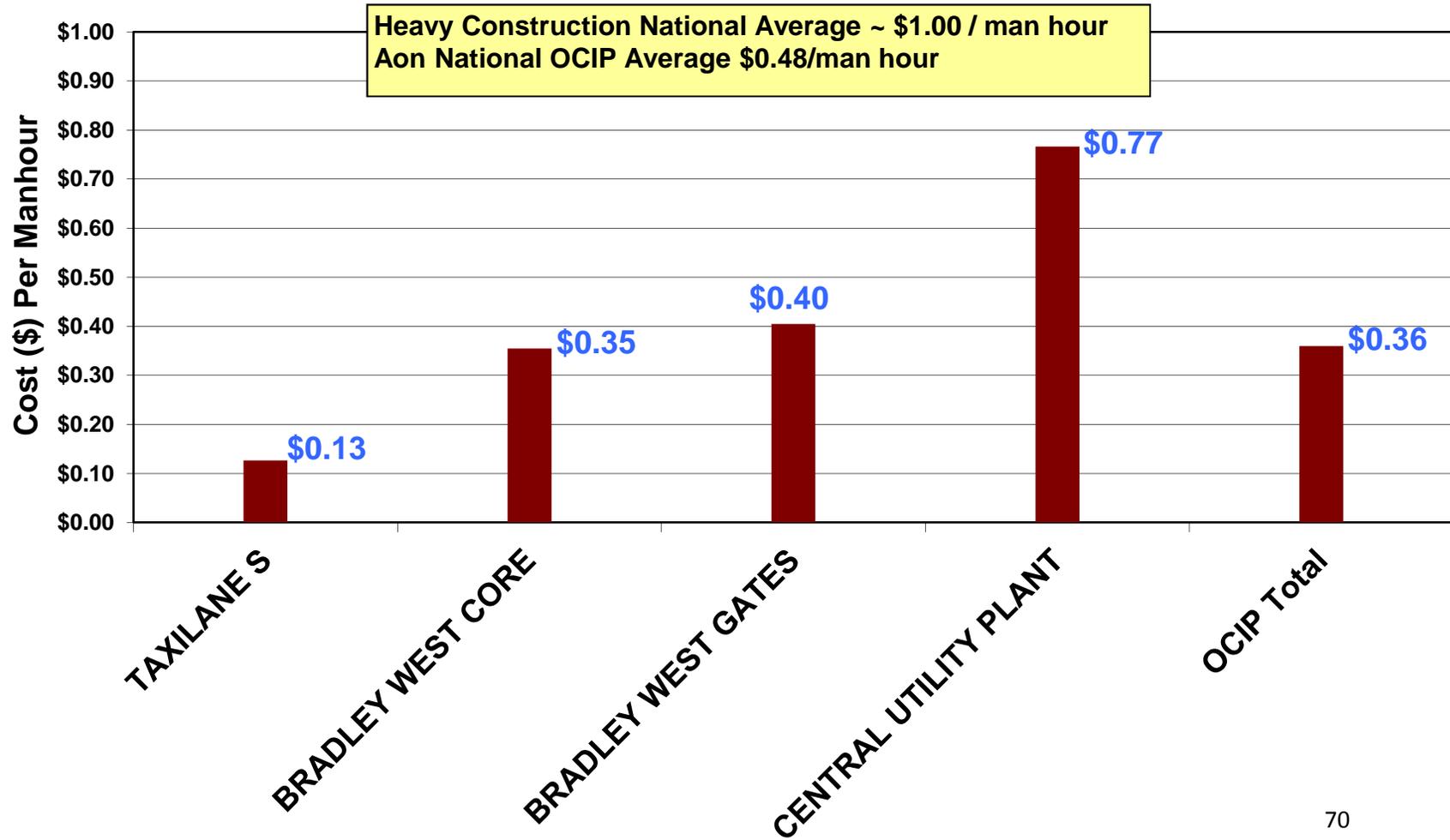
\*Base Contract Value = \$621,550,000

### Bradley West- CORE

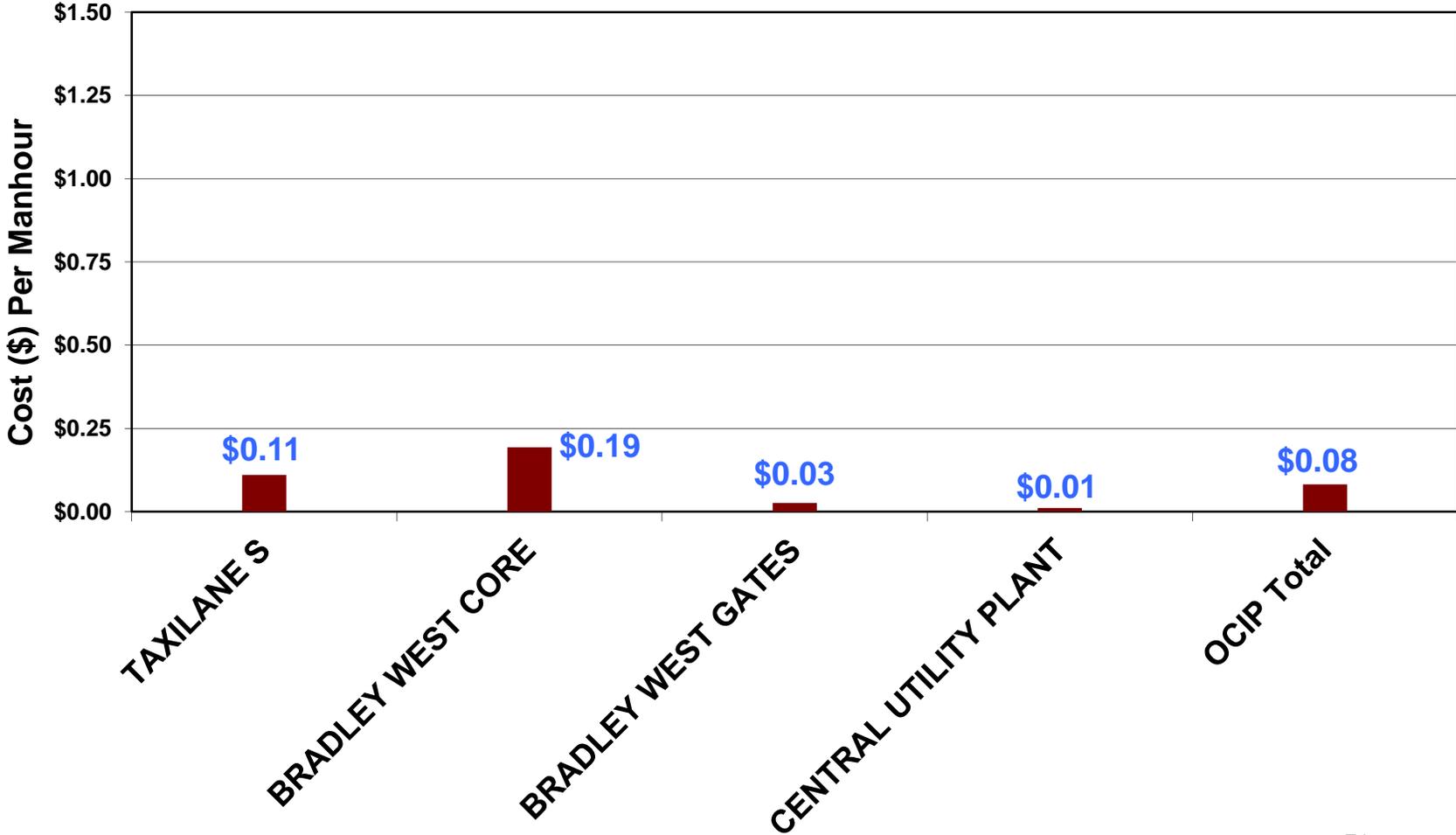
CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE )	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$28,514,175	\$8,976	\$28,523,151	4.58%
DOCUMENT CORRECTION	\$4,995,435	\$1,770,804	\$6,766,239	1.09%
FIELD CONDITIONS	\$4,974,749	\$1,403,721	\$6,378,470	1.02%
OWNER BETTERMENT	\$11,397,916	\$5,696,531	\$17,094,447	2.75%
CODE REQUIREMENT	\$4,487,408	\$303,642	\$4,791,050	0.77%
CONTINGENCY	\$0	\$0	\$0	0.00%
<b>TOTAL</b>	<b>\$54,369,683</b>	<b>\$9,183,674</b>	<b>\$63,553,357</b>	<b>10.21%</b>

\*Base Contract Value = \$622,600,000

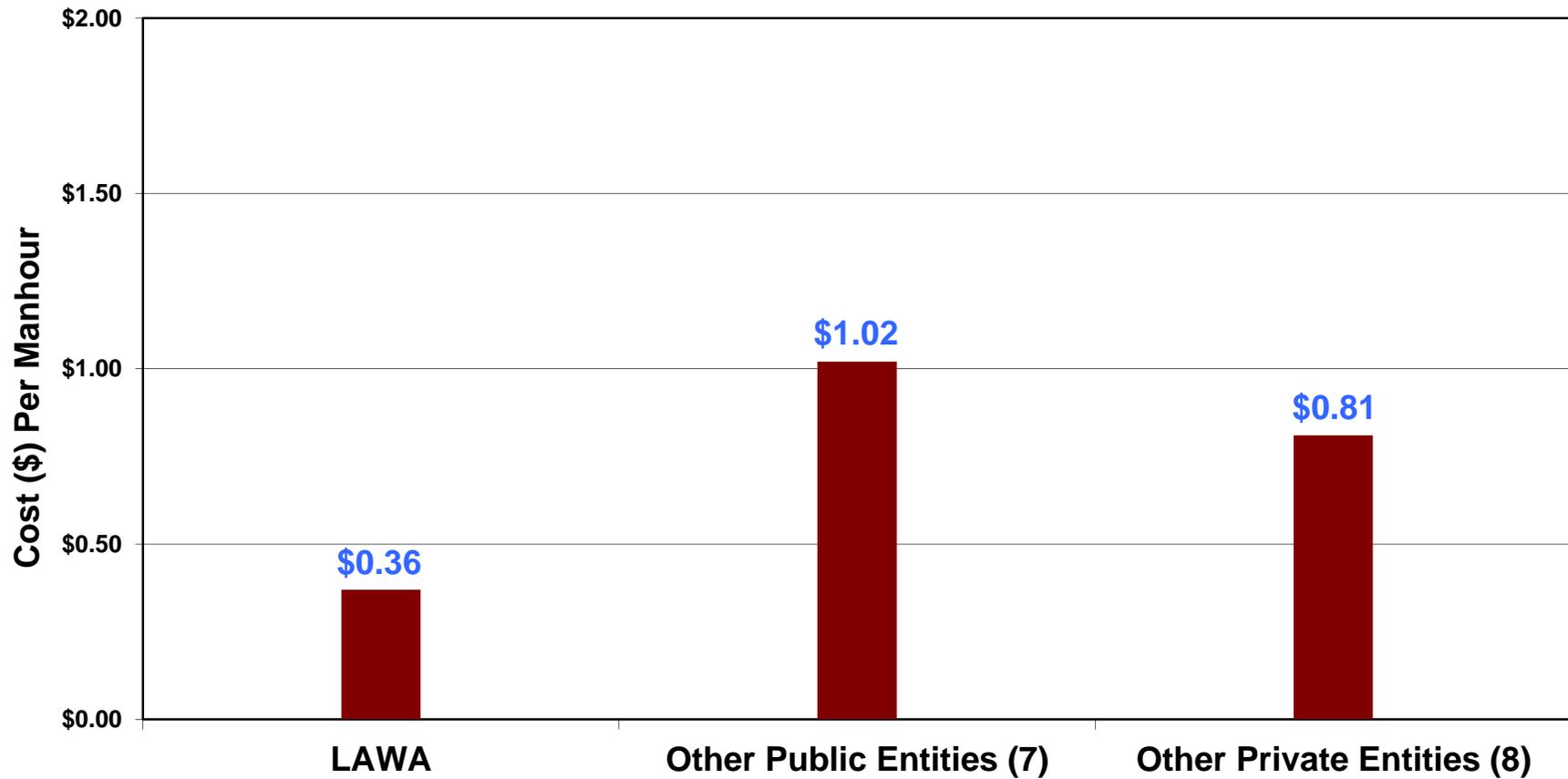
## LAWA OCIP Workers Compensation Loss Performance - as of December 31, 2011 -



**LAWA OCIP General Liability Loss Performance**  
**- as of December 31, 2011 -**



## Current Large OCIP Projects Comparison of Workers Comp Costs Per Manhour



Firm	Contract No.	DBE or M/WBE Contract	Proposed Level of Participation	Achieved Participation to Date*		Remarks
				M/WBE	DBE	
AECOM Technical Services, Inc.	DA-4260	DBE	12.00 %	N/A %	20.39 %	
Arcadis	DA-4413	M/WBE	20.00 %	0.00 %	N/A %	Limited scope of work authorized to date.
CH2M Hill	DA-4414	M/WBE	22.00 %	31.30 %	N/A %	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10 %	12.72 %	N/A %	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00 %	2.48 %	N/A %	
Fentress Architects	DA-4274	DBE	9.30 %	13.72 %	6.52 %	
Flatiron West, Inc.	DA-4398	DBE	1.00 %	NA %	4.37 %	
Griffith Company	DA-4338	M/WBE	6.60 %	2.18 %	N/A %	
Griffith Company	DA-4478	M/WBE	23.70 %	23.23 %	N/A %	
Hatch Mott MacDonald, LLC	DA-4275	DBE	20.20 %	N/A %	15.69 %	
Hellmuth, Obata + Kassabaum, Inc.	DA-4313	M/WBE	25.00 %	38.22 %	N/A %	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00 %	11.80 %	N/A %	MBE subcontractor approval in process.
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00 %	0.00 %	N/A %	Limited scope of work authorized to date.
Kimley-Horn and Associates	DA-4555	DBE	20.00 %	N/A %	4.19 %	In Mobilization - Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00 %	58.13 %	N/A %	
Paslay Management Group	DA-4324	M/WBE	10.00 %	19.01 %	N/A %	
Post, Buckley, Schuh & Jernigan, Inc.	DA-4515	DBE	24.00 %	N/A %	30.49 %	
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 %	16.86 %	N/A %	
W.E. O'Neil	DA-4371	M/WBE	6.80 %	10.99 %	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 %	16.82 %	N/A %	
Walsh Austin Joint Venture - Pre-Construction (Core)	DA-4382	M/WBE	20.00 %	24.03 %	N/A %	
Walsh Austin Joint Venture - Construction (Core)	DA-4382	M/WBE	14.00 %	16.80 %	N/A %	
<b>Total Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>12.770%</b>	<b>3.870%</b>	
<b>Total Combined Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>16.640%</b>		

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