



# Airports Development

Executive Management

Program Status Report

September 30, 2011

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## ELEMENT OVERVIEW

### **Purpose**

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

### **Airside Element**

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

### **Bradley West Element**

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

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

## **ELEMENT OVERVIEW - Continued**

### **Central Utility Plant (CUP) Replacement Element**

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

### **Utilities and Infrastructure Element**

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

### **Landside Element**

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

### **Residential / Soundproofing Element**

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

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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 - Crossfield Taxiway Project (M101A)

### **Project Description**

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

Construction is 100% complete.

### **Budget Status**

The project reconciliation is underway.

### **Schedule Status**

The project close-out is anticipated in October 2011.

### **Issues**

None.

## **AIRSIDE ELEMENT - Bradley West - Aprons (M205A)**

### **Project Description**

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

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

### **Construction Progress**

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

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

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project progressing on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

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

Construction is 66% complete for Package 1 and 2.

Construction NTP for Package 2 (Aprons) was issued on May 23, 2011.

### **Budget Status**

A Board report has been prepared to request additional contract contingency to process some unforeseen changes resulting from additional work by Taxilane S for the Concourse Construction Package and Crossfield Taxiway projects.

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

### **Schedule Status**

- \* Remain Overnight (RON) Position 5 opened on September 1, 2011.
- \* Taxiway T between Taxiway B and C opened on September 27, 2011.
- \* Taxiway D is anticipated to open early October 2011.
- \* Taxilane S is anticipated to open at the end of October 2011.

### **Issues**

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

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

#### 1 - Taxilane T:

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

\* Task Order 1 (Taxilane T) was approved on February 22, 2011.

\* Task Order 3 The design of the Low Bay Site Restoration is being coordinated with American Airlines.

#### 2 - Demo AA Low Bay Hangar and Deluge System:

The 100% design of the Demo AA Low Bay Hangar and Deluge System was completed by AECOM, Inc. and received on June 27, 2011. The Request for Bid (RFB) was advertised on September 9, 2011; and bids are due in mid-October 2011.

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

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

### **Construction Progress**

No construction contracts awarded.

### **Budget Status**

This project is tracking on budget.

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

### **Schedule Status**

1 - Taxilane T:

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

### **Issues**

1 - Taxilane T:

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

2 - Demo AA Low Bay Hangar and Deluge System:

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

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

\* Right of Entry agreement is being drafted for construction within Southern California Edison Easement.

\* The Federal Environmental Assessment (EA) may impact project schedule.

## **AIRSIDE ELEMENT - Demolition of Existing Concourses (M210A)**

### **Project Description**

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

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

### **Construction Progress**

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

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is progressing on schedule.

### **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 is in progress.

### **Budget Status**

This project is anticipated to complete on budget.

### **Schedule Status**

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

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

Construction is 100% complete.

### **Budget Status**

The project completed under budget.

### **Schedule Status**

The project close-out is anticipated in October 2011.

### **Issues**

None.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Administrative Notice to Proceed (NTP) was issued on September 21, 2011.

Pre-construction meeting was held on September 28, 2011.

Construction Notice to Proceed (NTP) is anticipated to be issued on October 17, 2011.

### **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.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 95% complete.

### **Construction Progress**

Ongoing MEP (Mechanical, Electrical and Plumbing) work includes:

The build-out of the mechanical and electrical rooms in both the North and South Concourses;

The overhead and underground MEP work at Gates 130, 132, 134 and 159.

The enclosure work (Roof, Curtain Wall, Glazing, etc.) is ongoing; along with slab on metal deck pours.

### **Budget Status**

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

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

The budget variance is being reviewed.

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

### Schedule Status

Gates 134 Substantial Completion

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

West Gates Substantial Completion

Target Date: 12/12/12 Forecast Date: 02/15/13

East Gates Substantial Completion

Target Date: 10/19/13 Forecast Date: 12/24/13

### Issues

LAWA/ADG and WAJV initially pursued a joint effort to update the Bradley West program master schedule with the latest planned approach for completing the project, as well as incorporate all changes through May 1, 2011. This schedule "reset" process was to be done in a phased approach, and would also implement schedule recovery efforts to meet target schedule program goals. Challenges experienced during the structures phase of this process have redirected the Bradley West team's efforts toward focusing on interim milestones instead of the final target end date. 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, 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**

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

### **Budget Status**

Component Guaranteed Maximum Price 01 through 16 have been approved by the Board.  
Buy out is 56% complete, inclusive of Amendment 1.

### **Schedule Status**

Milestone #3 – New Core Construction Completion  
Target Date: 12/12/12 Forecast Date: 02/15/13\*

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

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

### Issues

LAWA/ADG and WAJV initially pursued a joint effort to update the Bradley West program master schedule with the latest planned approach for completing the project, as well as incorporate all changes through May 1, 2011. This schedule "reset" process was to be done in a phased approach, and would also implement schedule recovery efforts to meet target schedule program goals. Challenges experienced during the structures phase of this process have redirected the Bradley West team's efforts toward focusing on interim milestones instead of the final target end date. 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.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

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

Overall construction is approximately 99% complete.

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

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

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

### **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:

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

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

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

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The permit for the CUP Building was issued in September 2011.

The CUP design builder, Clark/McCarthy (CMJV) completed the 90% design submittal for the CUP Building in September 2011.

The 90% submittal for the Maintenance Shop and Cooling Tower is anticipated in October 2011.

The 90% submittal for the CUP Process Design is expected in November 2011.

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

### **Construction Progress**

While mobilization activities will continue throughout construction as various work activities and trades commence work, CMJV is fully mobilized to the site. Construction trailers are built out and occupied; and demolition and construction activities have begun. Extensive fencing is in place to prevent unauthorized access to the site and to protect the public.

CMJV has completed the removal of three of the five underground storage tanks (UST). The remaining two tanks will be removed during the demolition of the existing CUP in preparation of the construction of the above grade thermal energy storage tank. Removal of the tanks has allowed CMJV to re-open Center Way North for public traffic but has also resulted in the closure of Center Way South to allow for other construction activities.

Work has progressed on the new CUP site: shoring activities in support of the new CUP excavation and footing installation is anticipated to begin by mid-October 2011. CMJV is in the process of removing the remaining utilities that conflict with the new CUP construction; and anticipate this work will be completed in sufficient time so as to not impact the shoring installation.

Demolition and earthwork activities in the area of the new cooling towers and maintenance building are underway. Utilities and other underground improvements are being located and identified for removal or protection. Modifications to the existing cooling towers are underway to allow for installation of temporary 30" condenser piping. It is anticipated that CMJV will commence with the drilling of piers for the west cooling tower by mid-October 2011.

### **Budget Status**

This project is tracking to budget.

### **Schedule Status**

CMJV's baseline schedule was approved in July 2011 and their first update is due in early October 2011. The project is currently behind schedule due to unforeseen conditions. CMJV and LAWA are discussing mitigation measures and recovery schedules.

### **Issues**

The distribution piping system and duct bank system design modifications are being reviewed. DWP has approved the duct bank re-alignment and are ready to proceed with redesign. The Project Team is reviewing the potential schedule impact and developing mitigation strategies.

LADWP comments are being incorporated into the IS-2299 Renovation Project. At this time, there is no anticipated schedule impact, resulting from these comments.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

The ARCC went operational on December 15, 2010.

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

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

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

### **Issues**

None at this time.

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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 June 2010 bridge inspection report.

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The designer selection process is underway.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is trending on schedule.

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

A task order initiating the design is approved. The designer is working on the B-Permit, grading and habitat plans.

### **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**

Construction contract was awarded to Stronghold Engineering Inc. on August 15, 2011. Initial Scheduling Conference held September 19, 2011. Notice to proceed anticipated to be issued mid-October 2011.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

Construction bid was awarded August 15, 2011.  
This project is tracking on schedule.

### **Issues**

None.

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## RESIDENTIAL/SOUNDPROOFING ELEMENT - VNY Soundproofing (S008A)

### **Project Description**

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is complete.

### **Construction Progress**

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

The Notice to Proceed will be issued in September 2011.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

NTP was issued September 29, 2011.

### **Issues**

None at this time.

---

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

### **Project Description**

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

### **Planning and Programming Status**

Not applicable.

### **Design Progress**

Corlett Skaer & DeVoto was selected for a Short Form Contract not to exceed \$150,000. Work has been completed on the design of the 78 units.

AECOM was selected for Architectural Services for up to 80 dwelling units.

### **Construction Progress**

Currently there are four (4) 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 authorization to advertise for a construction contract was approved in December 2010 and advertised in May 2011. Construction bids were received in June 2011; and the contract award was approved by the Board in August 2011. The Pre-Construction Conference is being scheduled to begin contract activities.

### **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 88% complete.

### **Construction Progress**

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

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

Priority II-IV Site Mods - Original bids were rejected due to scope change. A Board action requesting authority to advertise the modified scope is being prepared for October 2011.

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

Parking Structure MRL Elevators - No construction contracts awarded.

### **Budget Status**

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

### **Schedule Status**

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

### **Issues**

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

---

## WORK IN PROGRESS OVERVIEW

### User's Guide - Work in Progress

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

---

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

### **Project Description**

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

### **Issues**

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

---

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

### **Project Description**

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

### **Issues**

The 30% design submittal is progressing.

---

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

### **Project Description**

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

### **Issues**

The 30% design submittal is being finalized.

---

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

### **Project Description**

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

### **Issues**

The Project Definition phase is underway.

---

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

### **Project Description**

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

### **Issues**

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

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## PROGRAM MASTER SCHEDULE OVERVIEW

### User's Guide - Schedule

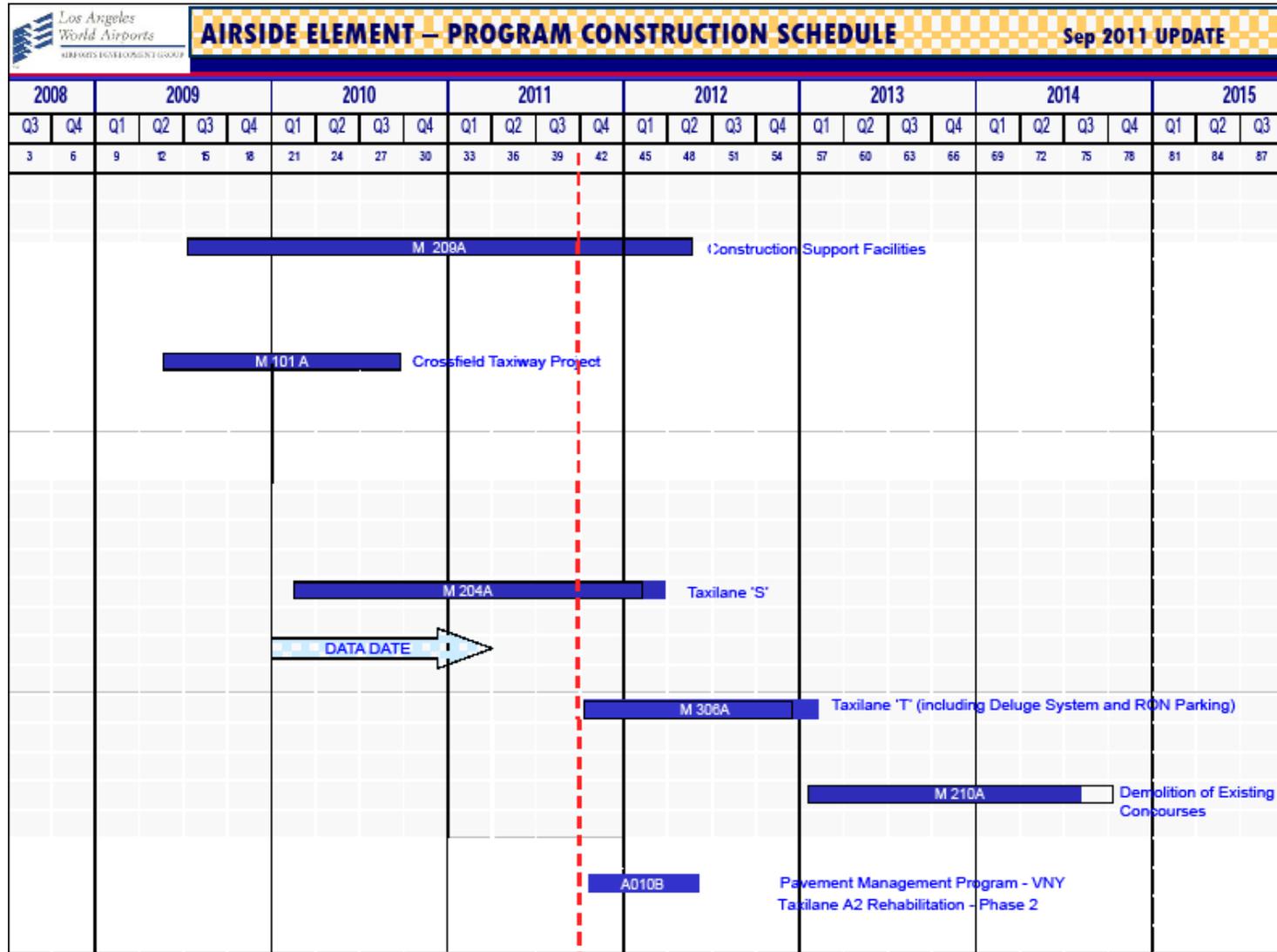
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

**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.

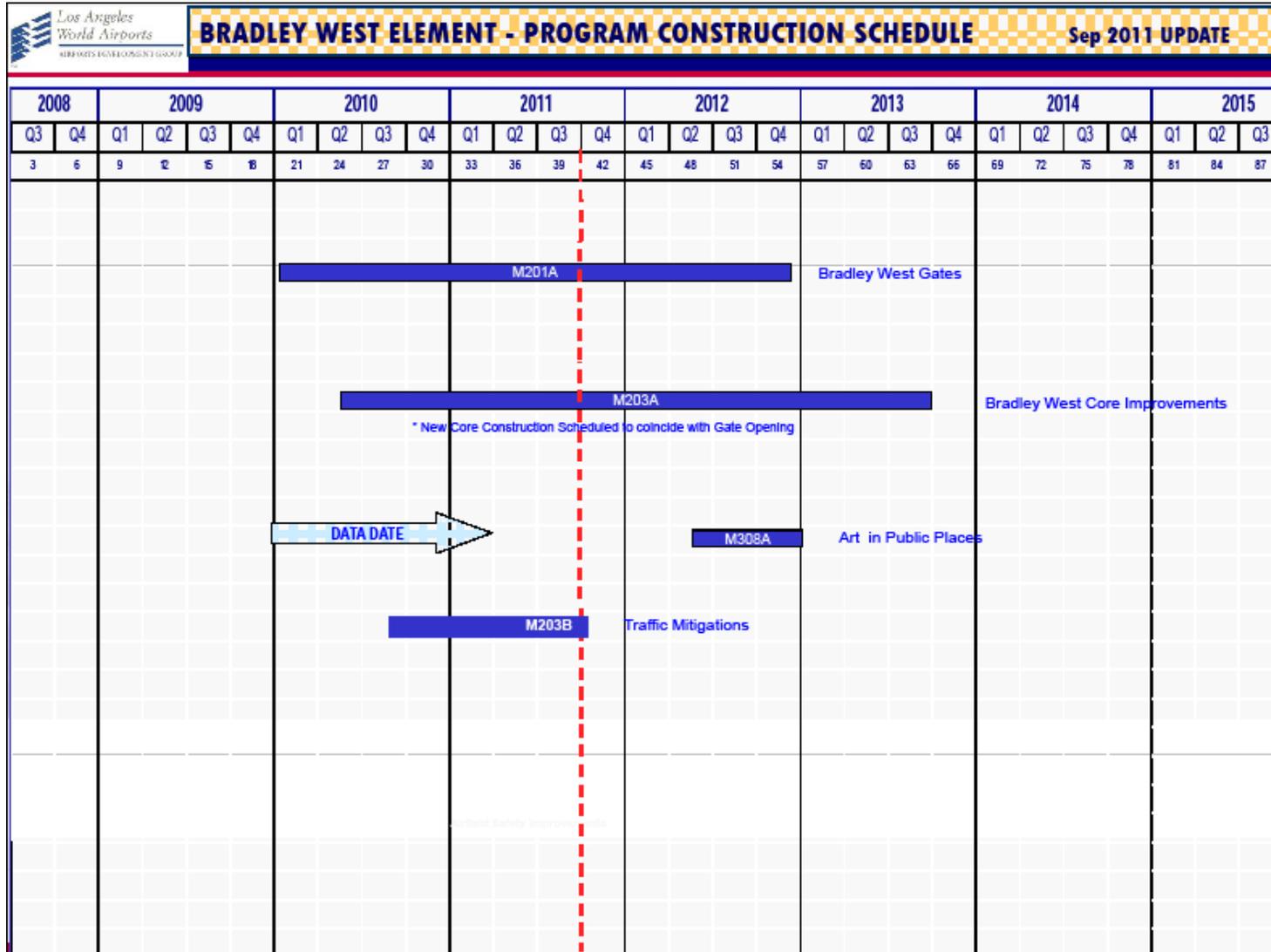
**Project Schedule Bar** - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

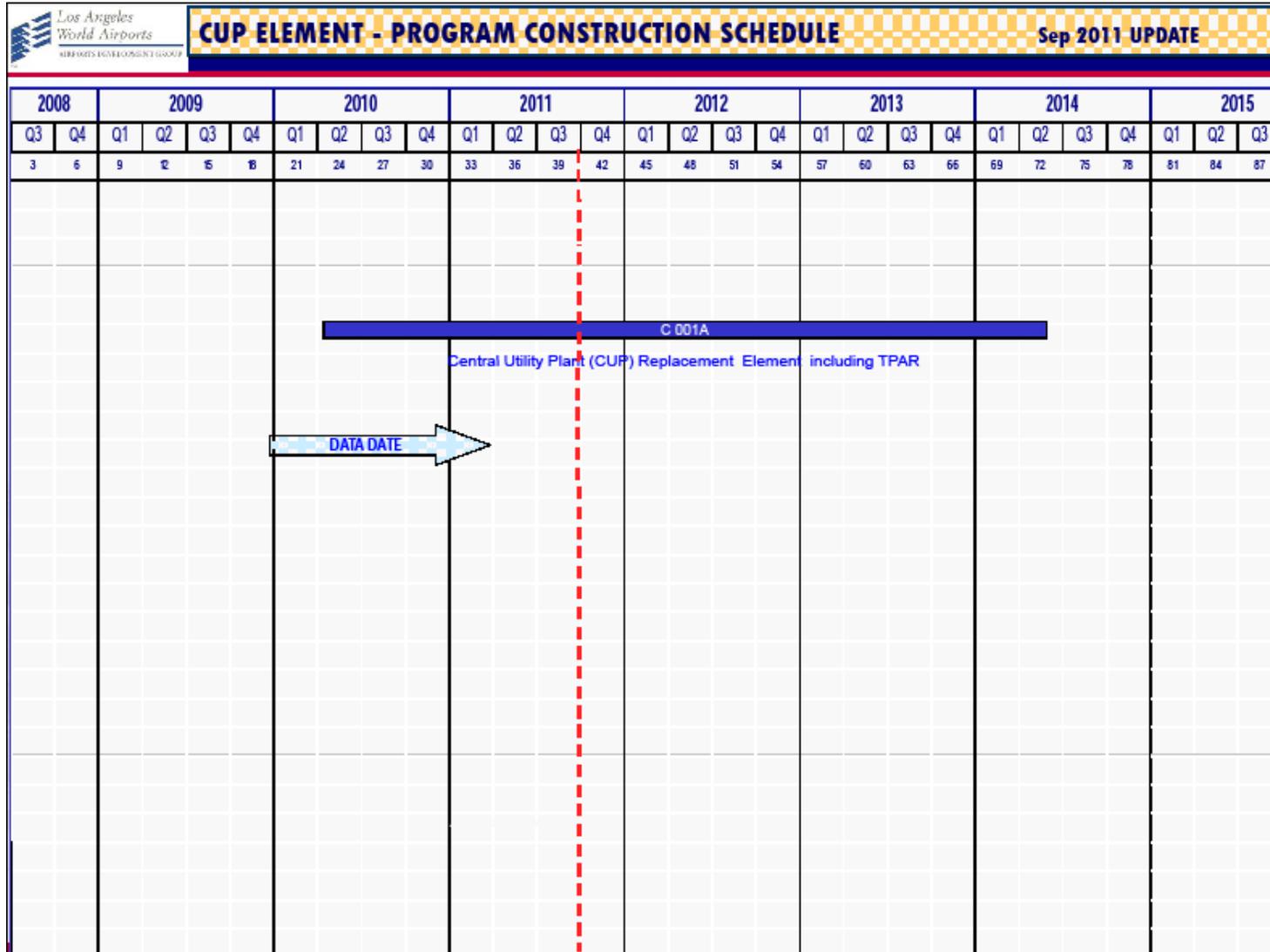
## PROGRAM MASTER SCHEDULE - Continued



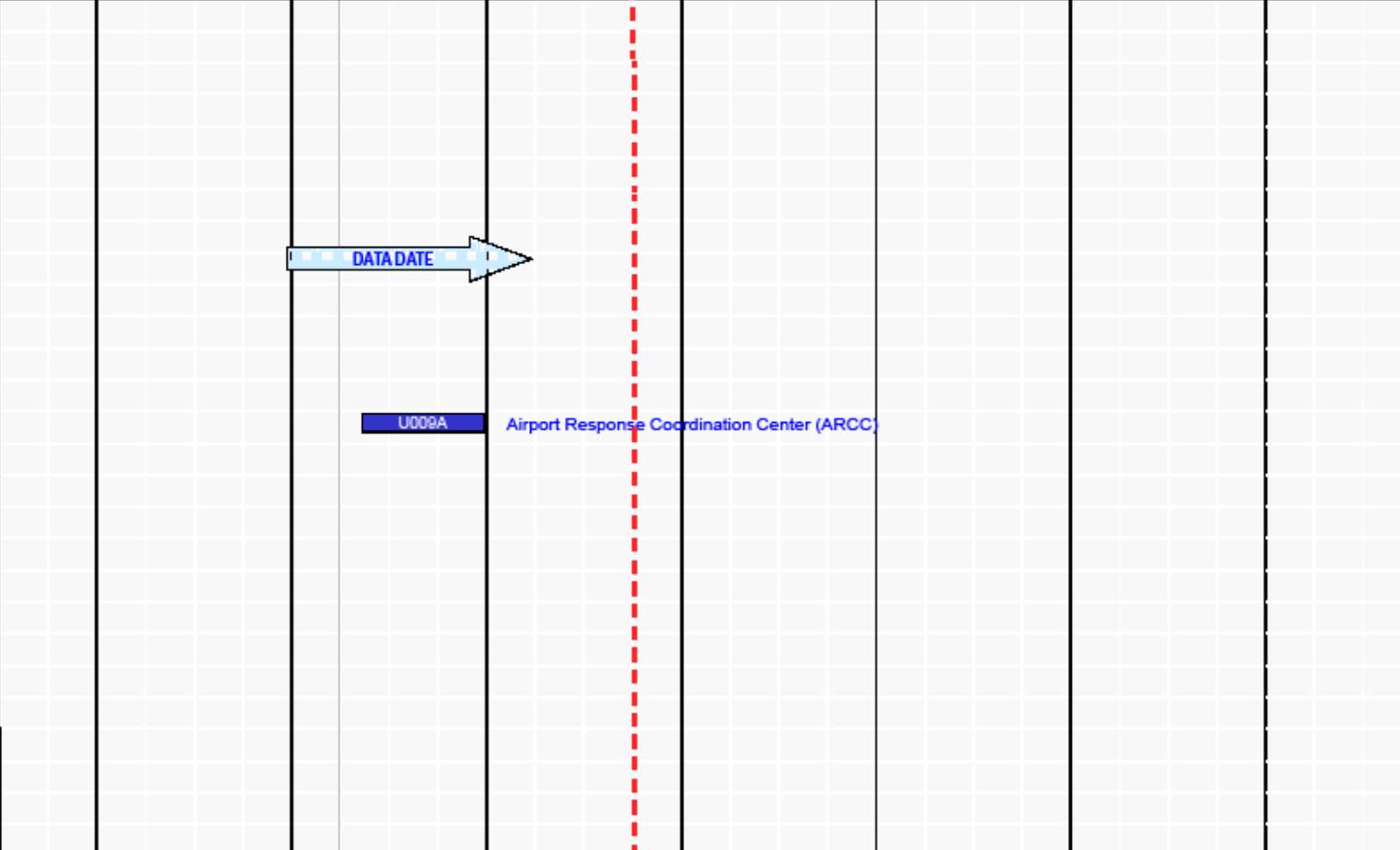
# PROGRAM MASTER SCHEDULE - Continued



# PROGRAM MASTER SCHEDULE - Continued

2008		2009				2010				2011				2012				2013				2014				2015		
										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

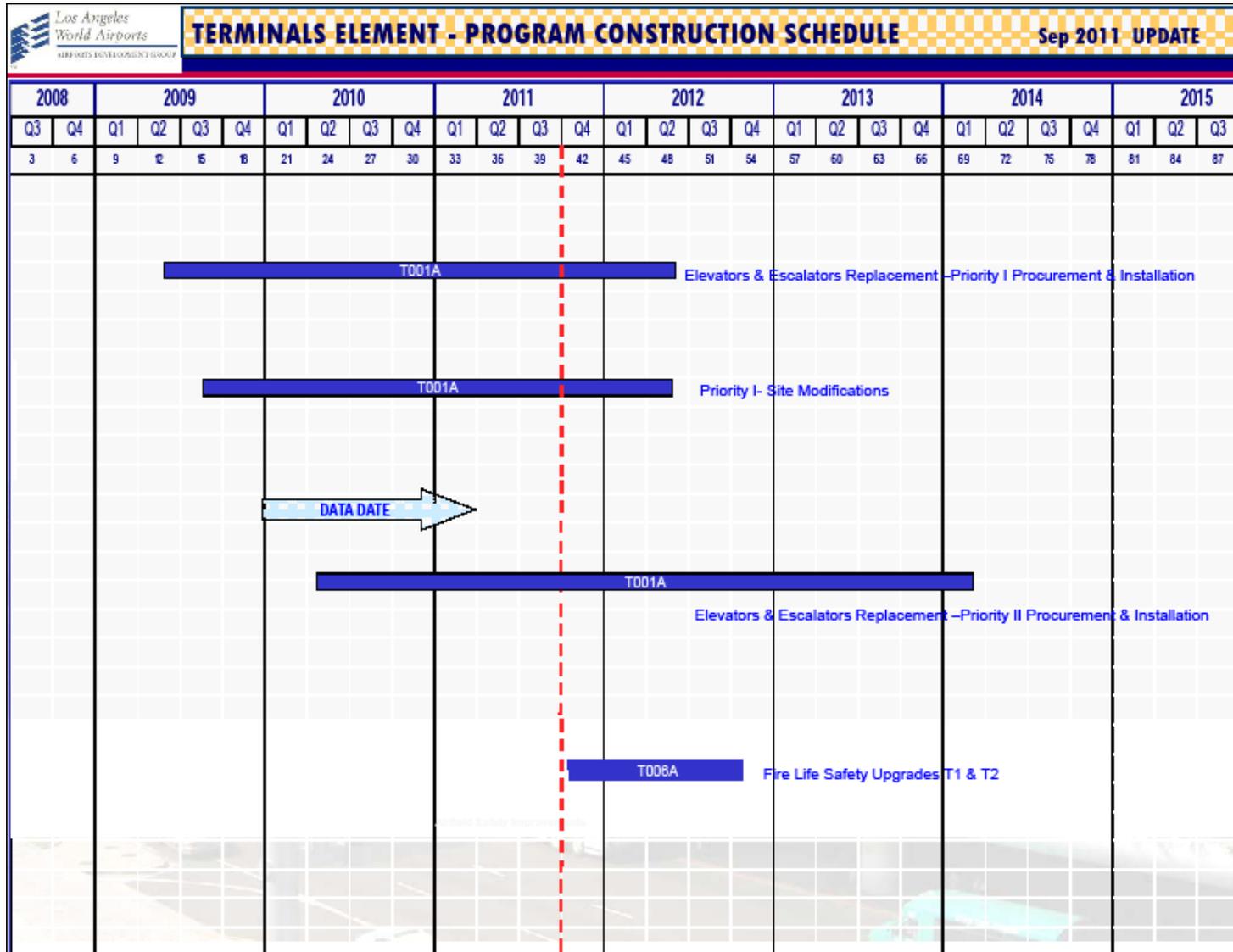
 <b>UTILITIES &amp; INFRASTRUCTURES ELEMENT - PROGRAM CONST. SCHEDULE</b> <span style="float: right;">Sep 2011 UPDATE</span>																												
2008		2009				2010				2011				2012				2013				2014				2015		
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
3	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
<div style="position: relative; width: 100%; height: 100%;">  <div style="position: absolute; top: 40%; left: 30%; transform: translate(-50%, -50%);"> <p style="background-color: #add8e6; padding: 5px; border: 1px solid black;">DATA DATE</p> </div> <div style="position: absolute; top: 55%; left: 30%;"> <p style="background-color: #000080; color: white; padding: 2px 5px;">U009A</p> <p style="color: #000080;">Airport Response Coordination Center (ARCC)</p> </div> </div>																												



# PROGRAM MASTER SCHEDULE - Continued

2008		2009				2010				2011				2012				2013				2014				2015		
										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 8/31/2011

(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	639,403	643,302	347,500	271,632	608,669	34,632	45%	58%
Bradley West Element	1,545,020	1,586,203	1,168,546	568,344	1,538,060	48,143	37%	15%
CUP Replacement Element	438,085	438,085	340,854	83,794	387,979	50,105	22%	1%
Utilities & Infrastructure Element	8,175	13,914	13,914	13,461	13,914	0	97%	100%
Landside Element	28,406	28,406	629	457	26,314	2,092	2%	0%
Residential/Soundproofing Element	181,317	161,317	149,545	143,474	161,214	103	89%	0%
Terminal Element	275,300	245,284	101,655	52,504	207,167	38,117	25%	19%
<b>Subtotal</b>	<b>3,115,706</b>	<b>3,116,511</b>	<b>2,122,643</b>	<b>1,133,666</b>	<b>2,943,317</b>	<b>173,192</b>	<b>39%</b>	<b>22%</b>
Unallocated Contingency	N/A	316,131	0	0	N/A	N/A	N/A	N/A
<b>Subtotal</b>	N/A	<b>3,432,642</b>	<b>2,122,643</b>	<b>1,133,666</b>	N/A	N/A	N/A	N/A
Work in Progress	N/A	N/A	6,654	937	N/A	N/A	N/A	N/A
<b>Program Total</b>	N/A	<b>3,432,642</b>	<b>2,129,297</b>	<b>1,134,603</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 8/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
M101A	Crossfield Taxiway Project	177,760	145,678	143,550	132,800	137,978	7,700	96%	95%
M205A	Bradley West - Aprons	111,870	111,870	25,883	14,483	103,936	7,934	14%	2%
M204A	Taxilane 'S'	174,980	157,618	148,007	103,268	163,435	(5,818)	63%	79%
M306A	Taxilane 'T'	96,500	156,208	13,725	8,449	144,898	11,310	6%	0%
M210A	Demolition of Existing Concourses	52,600	52,600	1,976	1,849	43,604	8,996	4%	0%
M209A	Construction Support Facilities	14,790	8,425	7,312	6,493	7,459	966	87%	38%
A010A	Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	7,970	4,947	4,290	4,636	3,334	93%	11%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,100	0	2,723	210	0%	0%
<b>Airside Element Total</b>		<b>639,403</b>	<b>643,302</b>	<b>347,500</b>	<b>271,632</b>	<b>608,669</b>	<b>34,632</b>	<b>45%</b>	<b>58%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## BRADLEY WEST ELEMENT BUDGET REPORT

as of 8/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
M201A	Bradley West Gates	742,954	744,879	655,639	361,490	743,827	1,052	49%	30%
M203A	Bradley West Core Improvements	793,164	833,489	505,324	205,026	786,635	46,854	26%	0%
M203B	Construction Traffic Mitigations	3,542	2,475	2,223	1,828	2,238	237	82%	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>1,545,020</b>	<b>1,586,203</b>	<b>1,168,546</b>	<b>568,344</b>	<b>1,538,060</b>	<b>48,143</b>	<b>37%</b>	<b>15%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## CUP REPLACEMENT ELEMENT BUDGET REPORT

as of 8/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
C001A	Central Utility Plant	438,085	438,085	340,854	83,794	387,979	50,105	22%	1%
<b>CUP Replacement Element Total</b>		<b>438,085</b>	<b>438,085</b>	<b>340,854</b>	<b>83,794</b>	<b>387,979</b>	<b>50,105</b>	<b>22%</b>	<b>1%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT

as of 8/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
U009A	Airport Response Coordination Center (ARCC)	8,175	13,914	13,914	13,461	13,914	0	97%	100%
<b>Utilities &amp; Infrastructure Element Total</b>		<b>8,175</b>	<b>13,914</b>	<b>13,914</b>	<b>13,461</b>	<b>13,914</b>	<b>0</b>	<b>97%</b>	<b>100%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## LANDSIDE ELEMENT BUDGET REPORT

as of 8/31/2011

(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	19	19	17,500	1,400	0%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	352	279	2,780	220	10%	0%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	258	159	6,034	472	3%	0%
<b>Landside Element Total</b>		<b>28,406</b>	<b>28,406</b>	<b>629</b>	<b>457</b>	<b>26,314</b>	<b>2,092</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 8/31/2011

(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	148,515	143,474	160,000	0	90%	0%
<b>Residential/Soundproofing Element Total</b>		<b>181,317</b>	<b>161,317</b>	<b>149,545</b>	<b>143,474</b>	<b>161,214</b>	<b>103</b>	<b>89%</b>	<b>0%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## TERMINAL ELEMENT BUDGET REPORT

as of 8/31/2011

(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	4,258	3,017	270	3,571	687	8%	0%
T001A	Elevators and Escalators Replacement	270,000	241,026	98,638	52,234	203,596	37,430	26%	21%
<b>Terminal Element Total</b>		<b>275,300</b>	<b>245,284</b>	<b>101,655</b>	<b>52,504</b>	<b>207,167</b>	<b>38,117</b>	<b>25%</b>	<b>19%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## WORK IN PROGRESS BUDGET REPORT

### as of 8/31/2011

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
A012A	Runway Safety Area Improvements Project - South Side	N/A	N/A	0	0	N/A	N/A	N/A	N/A
A014A	Runway 25R East End Reconstruction - (Including Taxiways B & C)	N/A	N/A	0	0	N/A	N/A	N/A	N/A
L015A	Manchester Square / Belford Demolition Program	N/A	N/A	0	0	N/A	N/A	N/A	N/A
T011A	Terminal 4 Connector	N/A	N/A	0	0	N/A	N/A	N/A	N/A
A006B	Interim Taxiway Safety Improvement Project (ITSIP)	N/A	N/A	6,654	937	N/A	N/A	N/A	N/A
<b>Work in Progress Element Total</b>		N/A	<b>N/A</b>	<b>6,654</b>	<b>937</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.

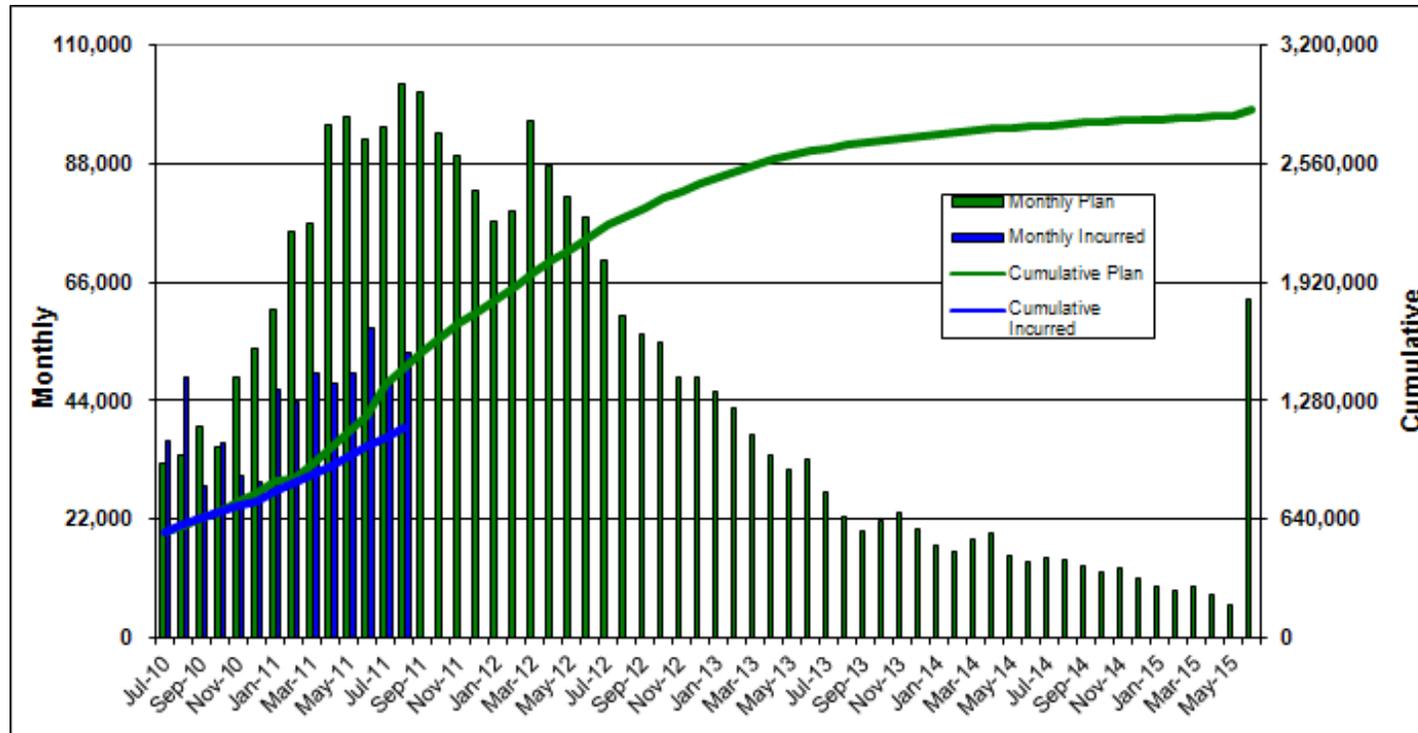
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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

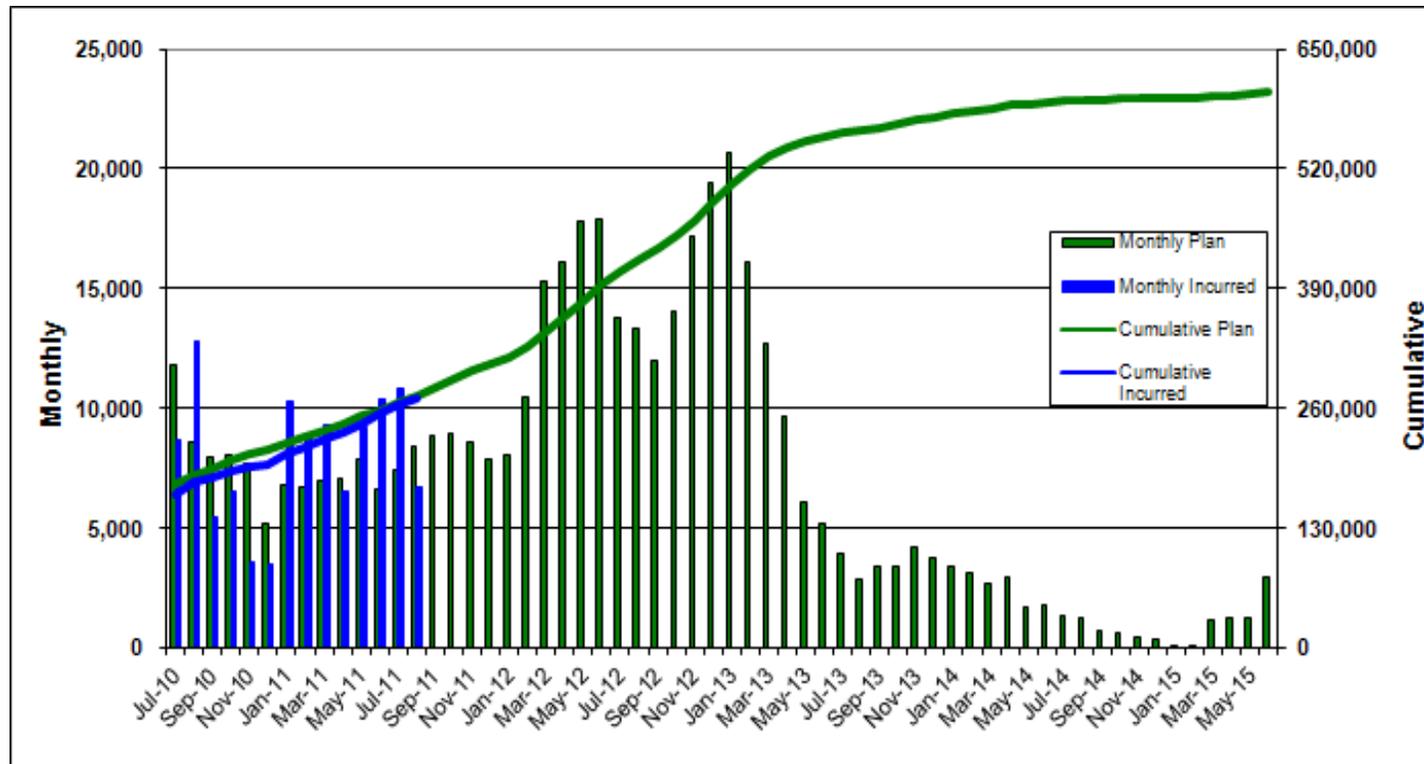
as of 8/31/2011



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

## AIRSIDE ELEMENT CASH FLOW

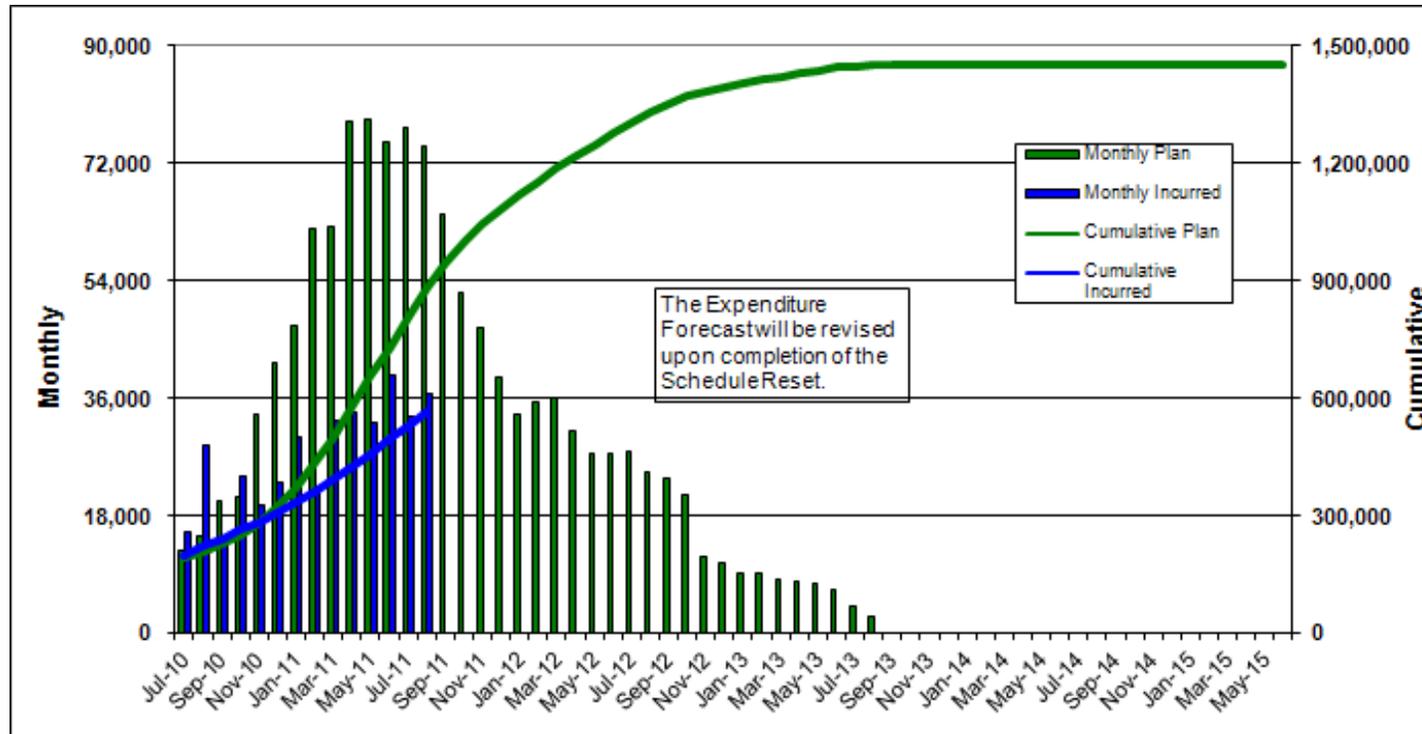
as of 8/31/2011



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

## BRADLEY WEST ELEMENT CASH FLOW

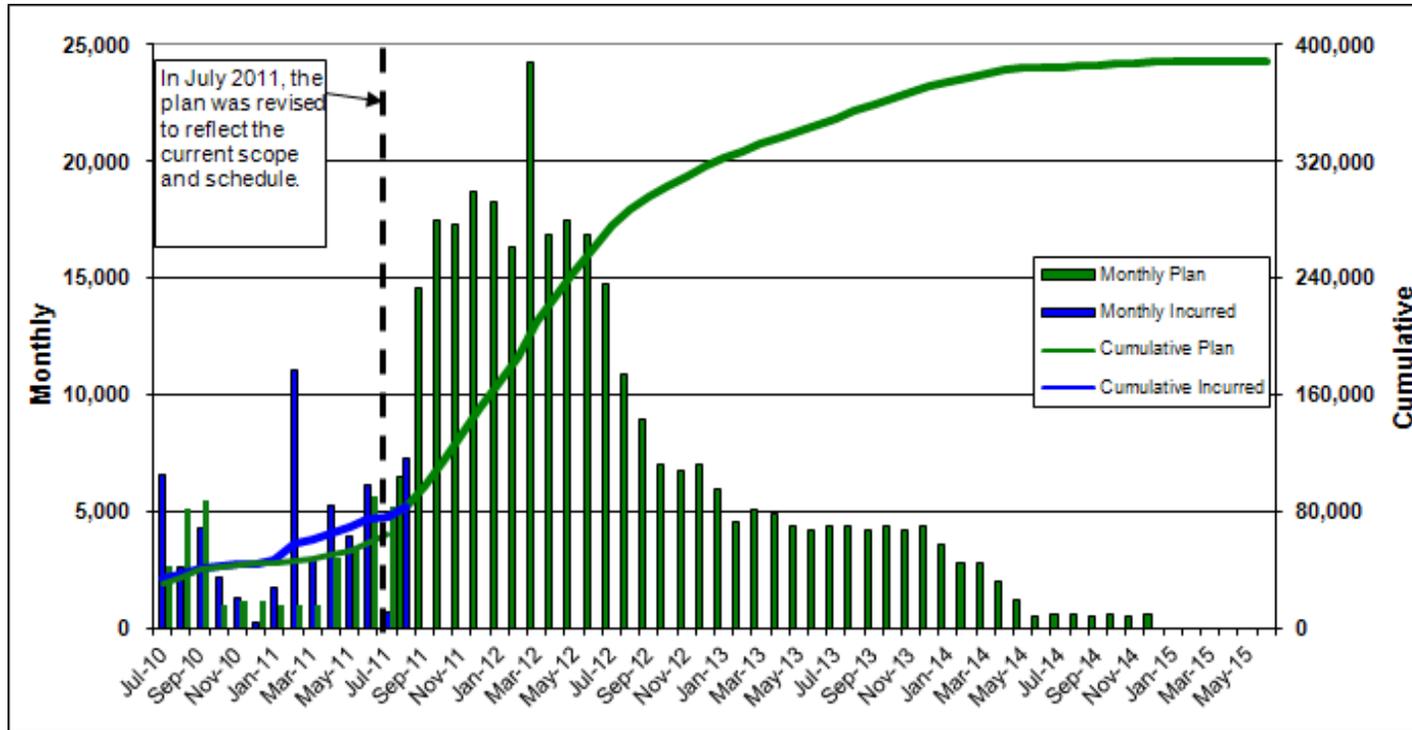
as of 8/31/2011



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

## CUP REPLACEMENT CASH FLOW

as of 8/31/2011

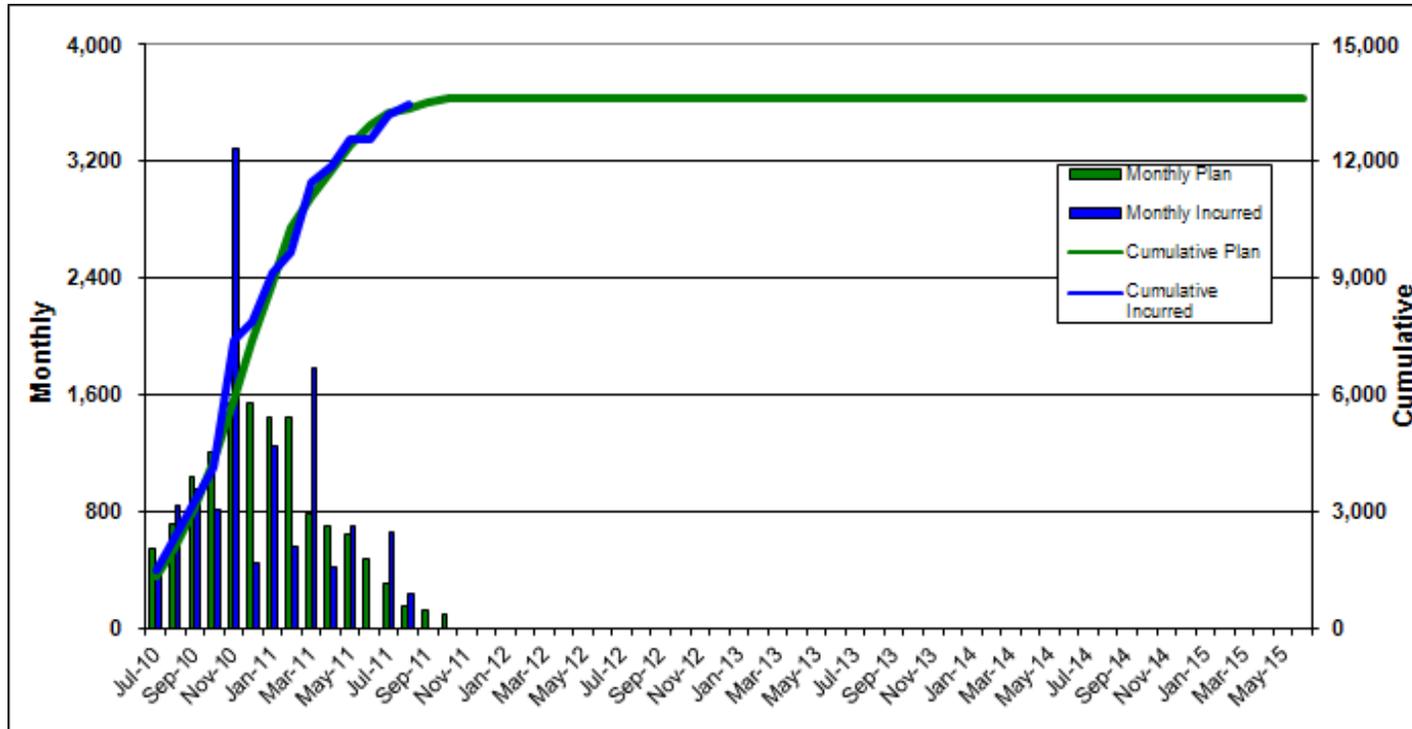


**Notes:**

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

## UTILITIES & INFRASTRUCTURE ELEMENT CASH FLOW

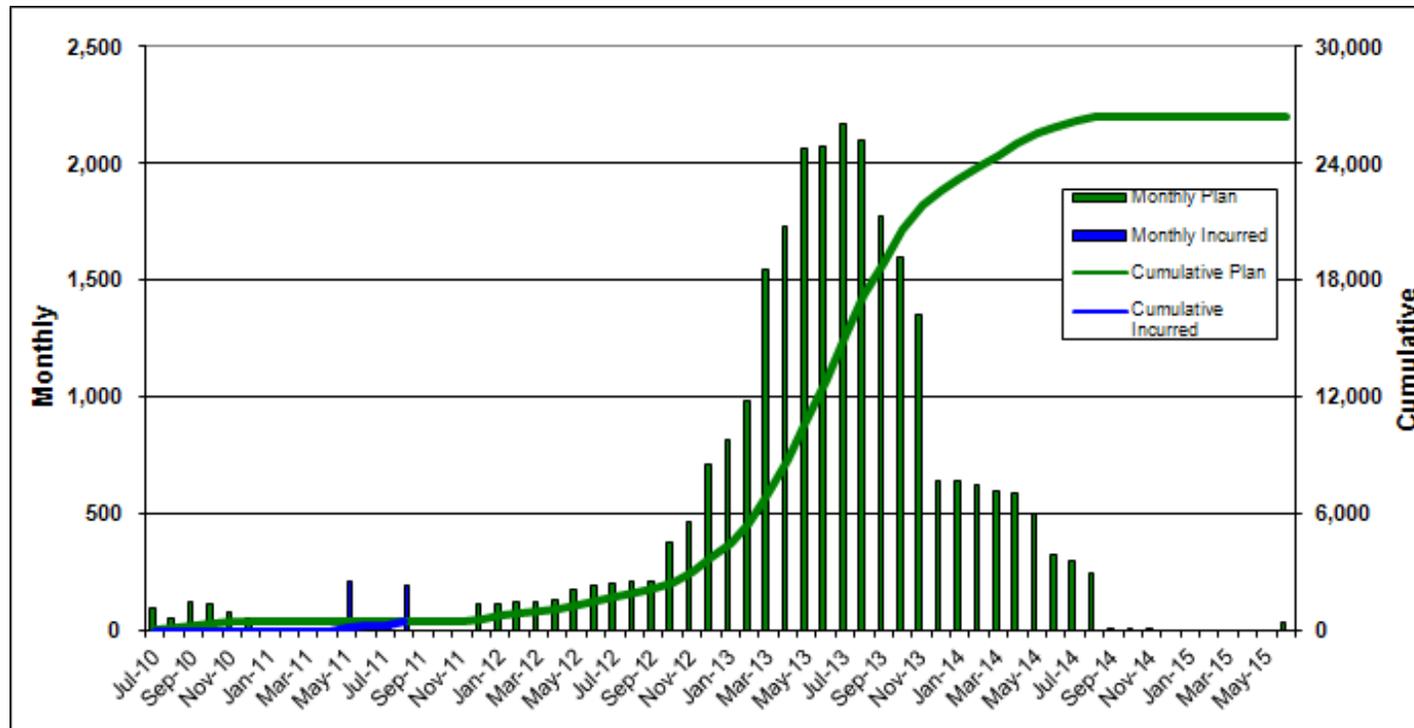
as of 8/31/2011



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

## LANDSIDE ELEMENT CASH FLOW

as of 8/31/2011

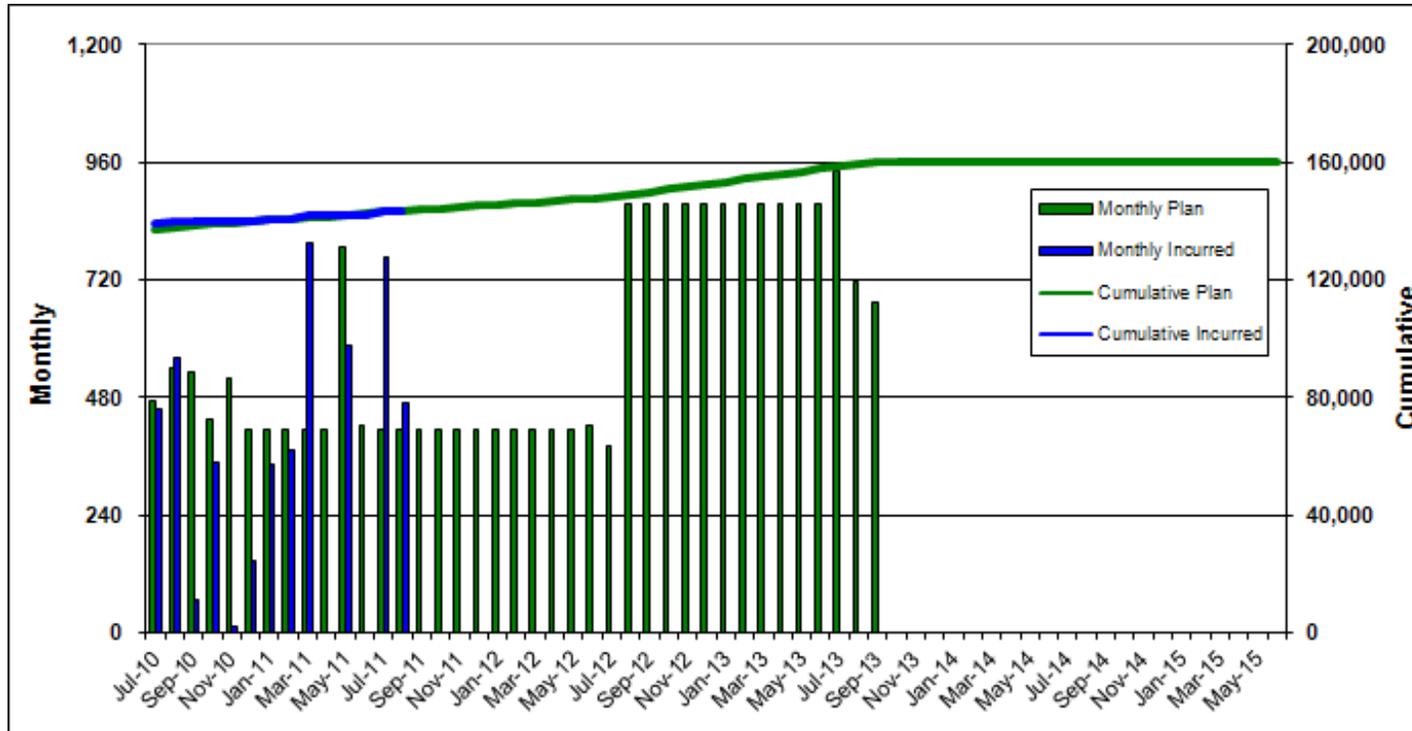


Notes:

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

## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

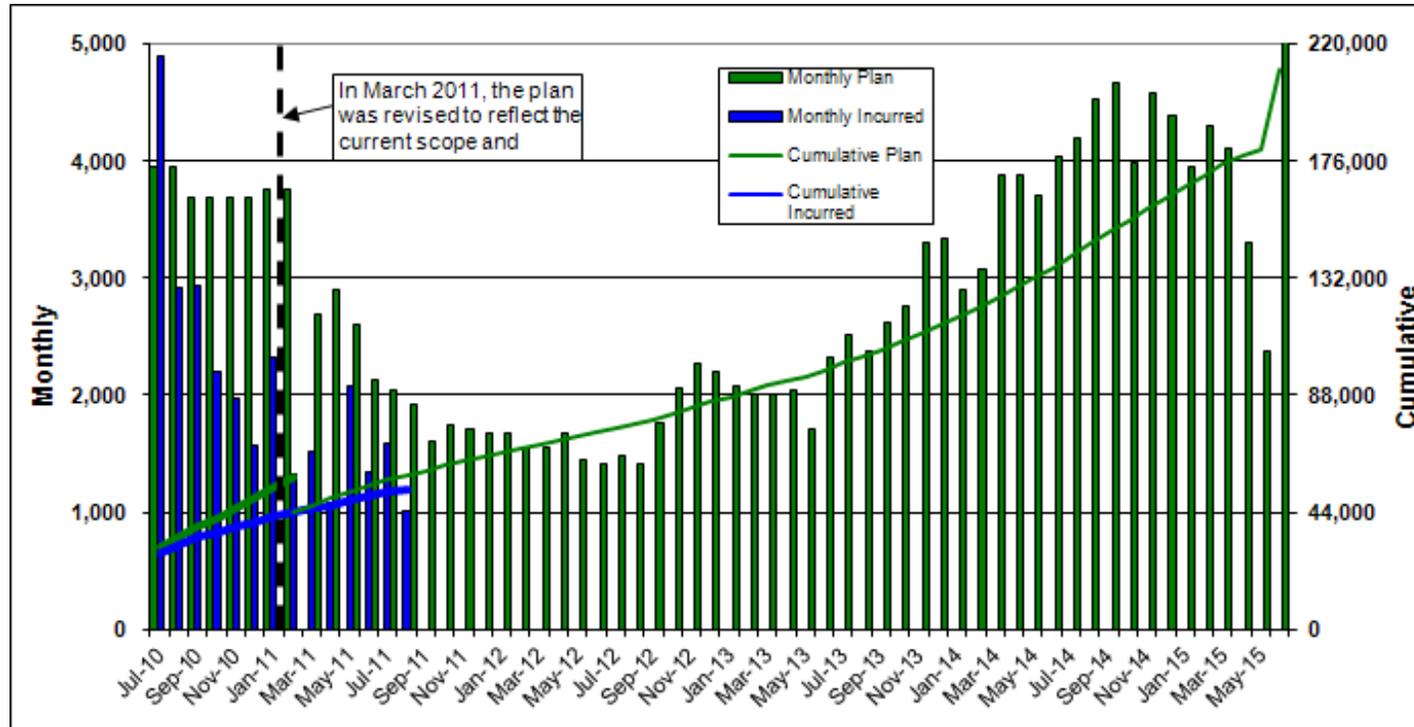
as of 8/31/2011



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

## TERMINALS ELEMENT CASH FLOW

as of 8/31/2011



- 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 9/30/2011

Element						
Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>						
<b>M209A - CONSTRUCTION SUPPORT FACILITIES</b>						
	DA-4338	0005	\$149,985			Underground Comm. Conduit and Roadway Lights

## CHANGE ORDERS - Continued as of 9/30/2011

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		0008	\$138,281			01.08 Removal of Tagged and Non-Tagged Trees
	DA-4337/CGMP01		0009	\$58,902			01.09 IWBT Temporary Ramp Lighting
	DA-4337/CGMP01		0010	\$80,895			01.10 Vantage Point - Project Progress Photos
	DA-4337/CGMP01		0011	\$10,238			01.11 Furnish and Install Signage for Dog Bone Hinges in Structural Steel
	DA-4337/CGMP01		0012		\$157,399		01.12 Additional Photographic Documentation for Gates Project
	DA-4337/CGMP02		0154	(\$124,754)			02.154 Walters & Wolf OCIP Credit
	DA-4337/CGMP02		0155	(\$1,060)			02.155 Gates AISC Certification Credit
	DA-4337/CGMP02		0156	\$1,152			02.156 IWBT Trap Primer Change
	DA-4337/CGMP02		0157	\$52,887			02.157 BWG - Concession Roof Framing
	DA-4337/CGMP02		0158	(\$7,420)			02.158 Letner Roofing OCIP Credit
	DA-4337/CGMP02		0159	\$31,159			02.159 Sterile Corridor Miscellaneous Metals Glass Wall Pylon Embeds
	DA-4337/CGMP02		0160	\$8,951			02.160 Loading Dock Divertor Elevation
	DA-4337/CGMP02		0161	(\$5,095)			02.161 IWBT - Key Air Conditioning OCIP Credit
	DA-4337/CGMP02		0162	\$7,665			02.162 IWBT - Threshold Replacement at Gate 123 on the Departures Level
	DA-4337/CGMP02		0163	\$12,665			02.163 RFI # 3874 Embed Conflict at SI/AA & DD
	DA-4337/CGMP02		0164	\$4,499			02.164 CCP Replacement Jet Fuel Valves at Gate 119
	DA-4337/CGMP02		0165	(\$48,417)			02.165 IWBT MSA Conduit Credit
	DA-4337/CGMP02		0166		\$613,733		02.166 Concourse Construction Package Revision 5 and 6 Drawings
	DA-4337/CGMP02		0167	\$2,975			02.167 IWBT- Locate SD Laterals
	DA-4337/CGMP02		0168	\$1,060			02.168 CD 0292 Ceiling Tile Replacement - IWBT
	DA-4337/CGMP02		0169	\$21,825			02.169 Extension of Roof Beam Cap Plate to Face of Column at DD Line
	DA-4337/CGMP02		0170	(\$23,484)			02.170 IWBT Four 4" Conduit Deletion Credit
	DA-4337/CGMP02		0171	\$11,305			02.171 IWBT - HVAC Unit Support Modifications
	DA-4337/CGMP02		0172	\$1,056			02.172 IWBT RFI 2220 Concrete Sealer Specification
	DA-4337/CGMP02		0173	\$2,935			02.173 IWBT RFI 1919 IT Room Ceiling Finish
	DA-4337/CGMP02		0174	\$4,240			02.174 Furnish and Install Signage for Dog Bone Hinges in Structural Steel (Herrick)
	DA-4337/CGMP02		0175	\$30,000			02.175 IWBT Refinish Exterior of Pre-Cast Panels

### Bradley West Element

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

DA-4337/CGMP02	0176	\$3,068		02.176 RFI 4343- Overlapping Curtain Walls at Concourse and Core Interface
DA-4337/CGMP02	0177	\$99,528		02.177 Gutter and Back Up Steel Conflict at East Clerestories Along Grid Line AA
DA-4337/CGMP02	0178	\$84,806		02.178 Revised Beam Connection at Moving Walkway Pits
DA-4337/CGMP02	0179	\$44,144		02.179 CD 0584 - DAMAC Equipment Cabinet Part Number Change
DA-4337/CGMP03	0019	\$11,042		03.19 CCP - West Apron Geotechnical Investigation
DA-4337/CGMP03	0020	\$6,387		03.20 8" Fire Water Piping Terminating to PIV Locations
DA-4337/CGMP03	0021	\$19,907		03.21 CCP - Gate 155 PBB Foundation conflict with SS and SD Laterals
DA-4337/CGMP03	0022	\$4,298		03.22 Remove and Cap Temporary Fire Hydrant No. 1
DA-4337/CGMP03	0023	\$20,571		03.23 CCP - 16" Domestic Water Line Tie into Taxilane S Domestic Water Line
DA-4337/CGMP03	0024	\$6,130		03.24 CCP - Additional Testing and Plugs for Partial Use of Sanitary Sewer System
DA-4337/CGMP04	0090	\$33,527		04.90 Suspended Number 5 Dowels in Concrete Stairs
DA-4337/CGMP04	0091	\$25,776		04.91 Wall Bracing Required Due to Design Impacts
DA-4337/CGMP04	0092	\$3,896		04.92 CMU Wall Detail Revisions (Concrete)
DA-4337/CGMP04	0093	\$2,497		04.93 RFI 4448 North Connector Escalator and EOS Clarification
DA-4337/CGMP04	0094	\$2,826		04.94 RFI 1907 Embeds Assembly for Gusset Plate into Concrete
DA-4337/CGMP05	0026	\$10,362		5.26 BWG - Stair Handrail Extension
DA-4337/CGMP05	0027	\$5,136		05.27 Gutter Relocation for Area S6 High Roof
DA-4337/CGMP05	0028	\$98,645		05.28 CMU Wall Detail Revisions ( Structural Steel)
DA-4337/CGMP05	0029	(\$3,416)		05.29 CMU Wall Detail Revisions (Masonry)
DA-4337/CGMP05	0030	\$6,457		05.30 RFI 4238 and RFI 4352 Interior CMU Wall Reinforcing and Block Size
DA-4337/CGMP06	0019	\$110,450		06.19 BWG Crown Corr Project Management Costs for April 2011
DA-4337/CGMP07	0043	\$21,201		07.43 BWG - Level 1 Sprinkler Revision (Fire Protection)
DA-4337/CGMP07	0044		\$2,367,870	07.44 Temporary Heating Ventilation and Air Conditioning Equipment
DA-4337/CGMP07	0045	\$63,154		07.45 Sprinkler and Hose Revisions per LADBS and LAFD
DA-4337/CGMP07	0046	\$31,802		07.46 Linear Diffusers 3 Orientation at Gates Level 04
DA-4337/CGMP07	0047	\$65,842		07.47 CD 0432 RFI 3382 - 2 HR Rated Enclosure for Piping @ Pier Stair
DA-4337/CGMP07	0048	\$2,025		07.48 BWG RFI 2186 MAU-N1 Fire Damper (Mechanical)
DA-4337/CGMP08	0027		\$497,828	08.27 BWG - GSE Remote Charging Stations
DA-4337/CGMP08	0028	\$4,164		08.28 BWG - TR1A Additional Power Requirements for the Cisco 6509E Switch
DA-4337/CGMP08	0029	\$486		08.29 CD 317 305 308 GDN 50 51 52 - BWG BIM Re-coordination for Gate 150

### Bradley West Element

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

DA-4337/CGMP08	0030	\$37,757		08.30 CD 0226 - GDN 019 Gates Binnacle Rated Enclosures (Elec. Sasco)
DA-4337/CGMP08	0031		\$382,536	08.31 Provisions for Lighting Control at F34 and F19
DA-4337/CGMP08	0032	\$2,857		08.32 BWG RFI 2186 MAU-N1 Fire Damper (Electrical)
DA-4337/CGMP09	0019	\$3,980		09.19 CD 0573 GDN 110 RFI 3906 BWG -Combination of Stacked Louvers per RFI 2948
DA-4337/CGMP09	0020	\$65,282		09.20 Gates Fireproofing at Overhang
DA-4337/CGMP09	0021	\$3,141		09.21 RFI # 3874 Embed Conflict at SI/AA & DD
DA-4337/CGMP09	0022	(\$412)		09.22 RFI - 3994 Painting of Exposed Stainless Steel Louver Flashing
DA-4337/CGMP10	0029	\$3,520		10.29 BWG - Level 1 Sprinkler Revision (Drywall)
DA-4337/CGMP10	0030	\$3,037		10.30 Access Panels for Poly Phasers
DA-4337/CGMP10	0031	\$1,065		10.31 CD 0565, RFI 3861, RFI 4034, RFI 4351 - Change of Wall Type in Level 3 Janitor's Closets
DA-4337/CGMP10	0032	\$4,145		10.32 RFI 4551 - Mech Pipe Exposed Outside the Wall at Grid Lines NC2/AA03 on Level 4
DA-4337/CGMP10	0033	(\$13,069)		10.33 Gates Gypsum Board Finish Level at Non-Public Spaces
DA-4337/CGMP11	0006	\$438		11.06 RFI 4499-BWG - Door Widths In Electrical Room S4
DA-4337/CGMP11	0007	\$17,059		11.07 CD 0489 GDN 075 Cyberlock Cores at Communication Rooms
DA-4337/CGMP11	0008	\$874		11.08 Gates Door Schedule and Hardware Changes
DA-4337/CGMP13	0007	(\$88)		13.07 CD 0430 RFI 3355- Room Finish Type Discrepancies in Pier Architectural Clarifications
DA-4337/CGMP13	0008	\$1,774		13.08 RFI 4683 BWG -Elect- F2C Fixtures Mounting Details
DA-4337/CGMP13	0009	\$54,925		13.09 Furnish and Install Signage for Dog Bone Hinges in Structural Steel (Hasson)
DA-4337/CGMP14	0002	\$2,731		14.02 Missing Room Finish Types for Rooms 3N2-24 and 3N1-26 (Tangram Fabricators)
DA-4337/CGMP14	0003	\$998		14.03 Missing Room Finish Type for Rooms 3N2-24 and 3N1-26 (Traffic Coating)
DA-4337/CGMP14	0004	\$2,676		14.04 CD 0430 RFI 3355- Room Finish Type Discrepancies in Pier Architectural Clarifications

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

DA-4382/CGMP01	0004	\$11,767		01.04 CD 0392 Parking Lot B Temporary Lighting (March 11, 2011 through July 7, 2011)
DA-4382/CGMP01	0005	\$1,405		01.05 CD 0467 Booths to be Picked Up Per Direction from LAWA at Van Nuys
DA-4382/CGMP01	0006	\$17,471		01.06 Continental City Revised Haul Route - Driver Safety Training & Concrete Barricades
DA-4382/CGMP01	0007	\$28,095		01.07 CD 0681 Grade, Clear and Grub East of Laydown East Area for Klorman New Staging

### Bradley West Element

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

DA-4382/CGMP01	0008		\$202,494	01.08 Additional Photographic Documentation of the Core Project
DA-4382/CGMP02	0021	(\$120,478)		02.21 Continental City Drive Mitigation of Existing Uncertified Fill - Credit
DA-4382/CGMP02	0022	\$109,273		02.22 CD 0345 ADG - Grading/Placement of Millings at Continental City Compound
DA-4382/CGMP02	0023	(\$689,664)		02.23 CD-0071 Continental City Dr. Soil Import and Earthwork (Credit)
DA-4382/CGMP02	0024	\$6,742		02.24 Continental City Revised Haul Route - Driver Safety Training & Concrete Barricades
DA-4382/CGMP02	0025	\$8,116		02.25 Areas 23 and 24 Reconfiguration for Use of Cyber Gate 433B
DA-4382/CGMP04	0067	\$11,655		04.67 CD 0282 Relocation of In-Transit Escalator C6ES03, Associated Lighting, Power, Finishes (Escalators)
DA-4382/CGMP05	0014	\$43,146		05.14 CD 0290 CDN 046 - Level 4 Slab Penetrations and Louver Size and Location Changes (Roofing)
DA-4382/CGMP06	0032	\$3,141		06.32 CD 0502 RFI 1701 Caisson Along Grid Line Y4/X19
DA-4382/CGMP06	0033	(\$31,216)		06.33 BWC Level 2 Interstitial Steel Framing
DA-4382/CGMP06	0034	\$6,748		06.34 RFI 885 - Clarification on Perimeter Beams (Tier 1, Section JJ) (CD 0665)
DA-4382/CGMP06	0035	\$2,653		06.35 (CANCELLED, not issued - SEE CGMP REV 06.47) CD 0677 RFI 1807 - Rebar Conflict with Base Plate at X19/Y4
DA-4382/CGMP06	0036	\$5,145		06.36 RFI 1073 - 12 Inch Wall Reinforcing Along Grid Line 60
DA-4382/CGMP06	0037	\$15,281		06.37 CD 0694 RFI 2095 - Top of Column on Y2 from X2 to X5 (Add Lenton Terminators with Vertical Bars)
DA-4382/CGMP06	0038	\$3,435		06.38 RFI 1783 - Beam Pocket in Lieu of Embed at X18-Y3
DA-4382/CGMP06	0039	\$1,302		06.39 CD 0539 RFI 1738 Beam Pocket Clarification Detail 18/S0107
DA-4382/CGMP06	0040		\$392,288	06.40 CD 0207: Elevator Guiderail HSS Vertical Structural Steel Add and Mechanical Penthouse Steel Framing Revisions
DA-4382/CGMP06	0041	\$3,433		06.41 CD 0333-CDN 058, Premier Lounge South Lightwell Foundation Modification
DA-4382/CGMP06	0042	\$5,816		06.42 CD 0460 Column Elevations at Grid Line Y2/X8, X9, X10 (CD 0460R1)
DA-4382/CGMP06	0043	\$15,608		06.43 CD 0214 - Revise Level 4 Steel Framing Over Elevator C4EL01 Hoistway
DA-4382/CGMP06	0044	\$1,216		06.44 5/16" Exposed Beam Flange From Edge of Slab
DA-4382/CGMP06	0045	\$6,243		06.45 RFI 1806, 1792 - Top of Pilaster Deck Detail 2/S6202 (CD 0675)
DA-4382/CGMP06	0046	\$3,769		06.46 CD 0702 RFI 2335 - Horizontal Rebar Interference with Steel Column X18/Y9
DA-4382/CGMP06	0047	(\$2,653)		06.47 (CREATED TO CANCEL 06.35 Only - Not Issued to WAJV) CD 0677 RFI 1807 - Rebar Conflict with Base Plate at X19/Y4
DA-4382/CGMP06	0048	\$3,565		06.48 CD 0677 RFI 1807 - Rebar Conflict with Base Plate at X19/Y4
DA-4382/CGMP08	0046	\$12,780		08.46 Revise Ductwork at Ceiling Conflict and Add VAV C14.10 on Level 05

**Bradley West Element**

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

DA-4382/CGMP08	0047	\$9,367		08.47 CD-0475 Level 4, Area 3, 4, 7 and 8 BIM - Communications Conduit and Pipe Changes
DA-4382/CGMP08	0048	\$21,805		08.48 CD 0282 Relocation of In-Transit Escalator C6ES03, Associated Lighting, Power, Finishes (Electrical)
DA-4382/CGMP08	0049	(\$96,085)		08.49 BWC RFI 2371, Credit to Delete Approximately 1,090 Access Panels
DA-4382/CGMP08	0050	\$41,138		08.50 CD 0219R1 - Video Surveillance System (VSS) Specification Modifications
DA-4382/CGMP08	0051		\$269,335	08.51 CD 0212 Power to Towel Dispensers (Electrical)
DA-4382/CGMP08	0052	\$4,162		08.52 CD 0290 CDN 046 - Level 4 Slab Penetrations and Louver Size and Location Changes (Plumbing)
DA-4382/CGMP09	0013	\$2,201		09.13 CD 0282 Relocation of In-Transit Escalator C6ES03, Associated Lighting, Power, Finishes (Miscellaneous Metals)
DA-4382/CGMP09	0014		\$243,072	09.14 CD 0290 CDN 046 - Level 4 Slab Penetrations and Louver Size and Location Changes (Walls and Masonry)
DA-4382/CGMP11	0004	\$4,762		11.04 Pre-Coordination for BHS Only (CD 0659)
DA-4382/CGMP12	0014	\$6,555		12.14 CD 0282 Relocation of In-Transit Escalator C6ES03, Associated Lighting, Power, Finishes (Framing and Drywall)
DA-4382/CGMP12	0015	\$5,367		12.15 CD-0428-CDN 049 Core Cyberlock Cores at Communication Rooms
DA-4382/CGMP12	0016	\$139,115		12.16 RFI 2331 - Level 01 Perimeter Light Cove (Interior Framing)
DA-4382/CGMP12	0017	\$1,703		12.17 RFI 2745 Structural Attachment at C2 Level 3 Grid Line Intersection Y6, Y7 and X9 (CD-0749)
DA-4382/CGMP12	0018	\$15,756		12.18 CD 0290 CDN 046 - Level 4 Slab Penetrations and Louver Size and Location Changes (Dry Wall Shaft Enclosures)
DA-4382/CGMP12	0019	\$3,714		12.19 CD-0428 - CDN 049 Cyberlock Cores at Communications Rooms (Videx Electronic Keys and Key Recharge Stations)
DA-4382/CGMP13	0011	\$6,292		13.11 RFI 2019 - Mech - Level 5-C7/8 Ductwork and Steel/Ceiling Conflict (CD-0464)
DA-4382/CGMP13	0012	\$53,467		13.12 RFI 2331 - Level 01 Perimeter Light Cove (Trespa Panels)
DA-4382/CGMP14	0002	\$19,272		14.02 CD 0290 CDN 046 - Level 4 Slab Penetrations and Louver Size and Location Changes (Louvers and Paint)

**M203B - CONSTRUCTION TRAFFIC MITIGATIONS**

DA-4478/000000	0002	\$44,053		Change Order #02
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## CHANGE ORDERS - Continued as of 9/30/2011

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		0006	\$127,990			Potholing Part 1, Potholing Part 2, Potholing Part 3, Potholing Part 4
	DA-4554/000C		0008	\$27,117			Telecom/Data Equipment
	DA-4554/000C		0009	\$52,405			Chilled Water Leak: Locate and Repair
<b>Utilities &amp; Infrastructure Element</b>							
<b>Landside Element</b>							
<b>Residential/Soundproofing Element</b>							
<b>Terminal Element</b>							

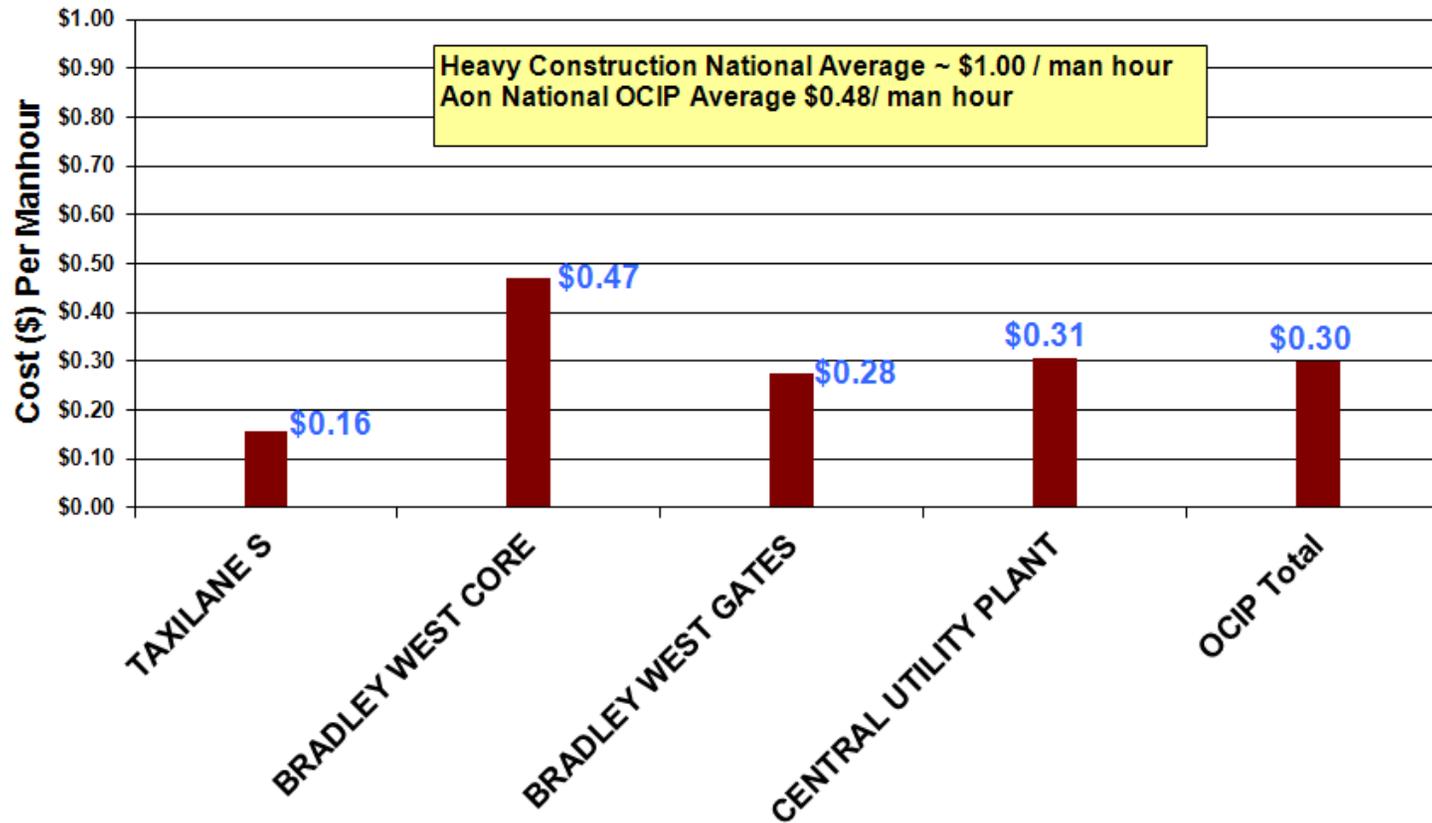
### Bradley West- Gates

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE )	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE
DESIGN EVOLUTION	29,131,181	1,855	29,133,036	4.69%
DOCUMENT CORRECTION	9,805,375	2,255,248	12,060,623	1.94%
FIELD CONDITIONS	2,267,957	1,318,599	3,586,556	0.58%
OWNER BETTERMENT	648,212	2,519,723	3,167,935	0.51%
CODE REQUIREMENT	752,261	79,844	832,105	0.13%
INSPECTION RESULT	0	0	0	0.00%
<b>TOTAL</b>	<b>42,604,986</b>	<b>6,175,269</b>	<b>48,780,255</b>	<b>7.85%</b>

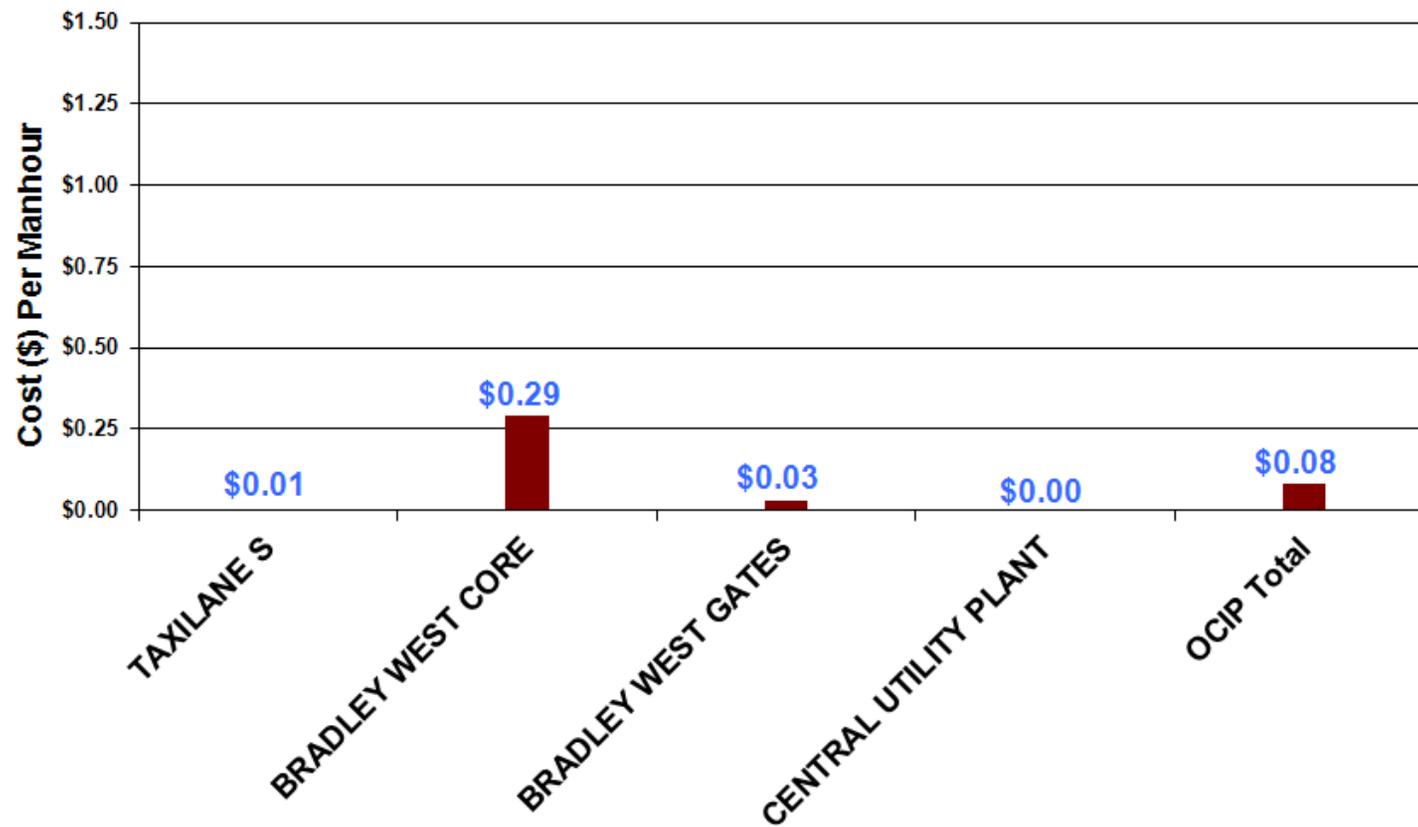
### Bradley West- CORE

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE )	SUBTOTAL	% OF CONTRACT VALUE
DESIGN EVOLUTION	27,902,286	611,889	28,514,175	4.58%
DOCUMENT CORRECTION	2,668,183	1,846,289	4,514,472	0.73%
FIELD CONDITIONS	4,060,757	715,666	4,776,423	0.77%
OWNER BETTERMENT	8,877,257	1,071,236	9,948,493	1.60%
CODE REQUIREMENT	3,318,729	842	3,319,571	0.53%
<b>TOTAL</b>	<b>46,827,212</b>	<b>4,245,922</b>	<b>51,073,134</b>	<b>8.20%</b>

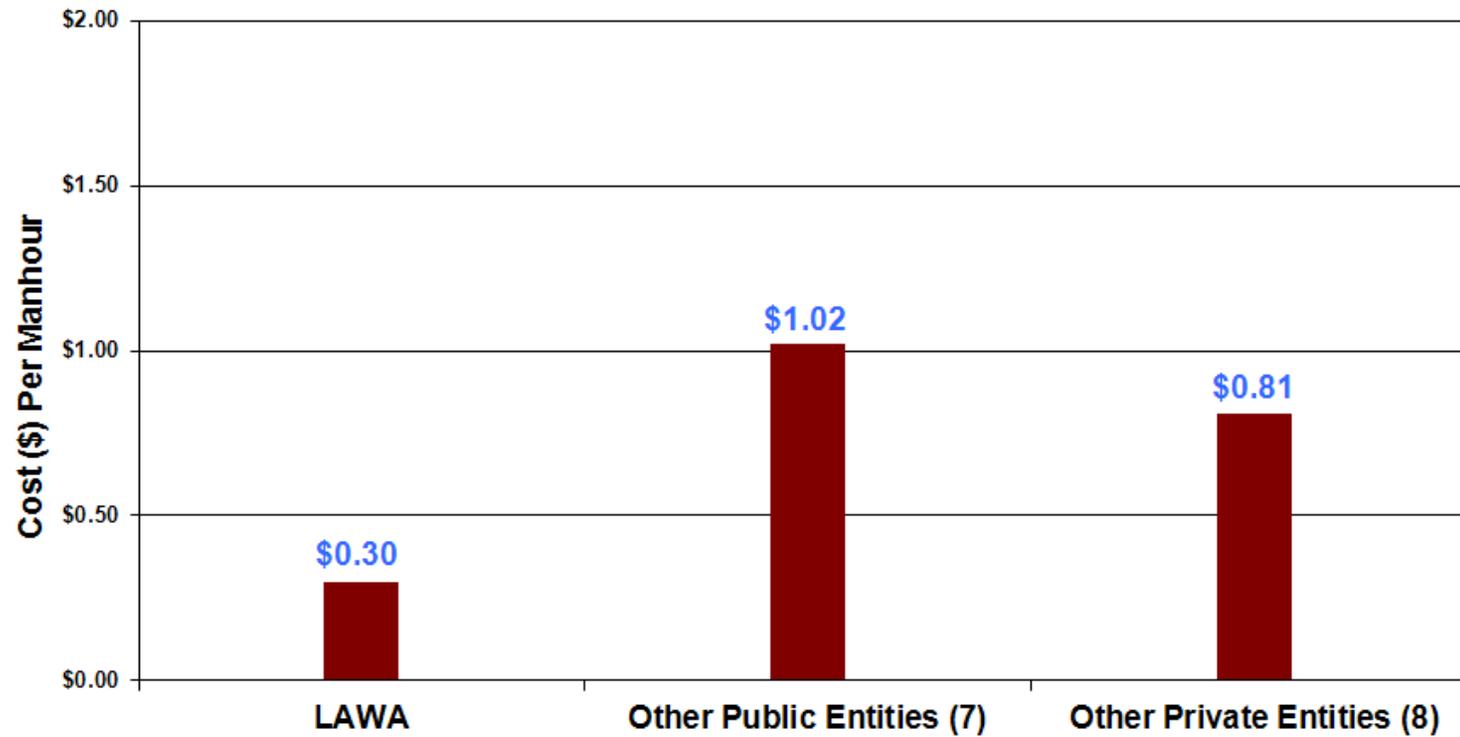
**LAWA OCIP Workers Compensation Loss Performance**  
 - as of August 31, 2011 -



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



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



## MWBE/DBE

# Subcontractor Utilization Summary Report

as of 8/31/2011

Firm	Contract No.	DBE or MWBE Contract	Proposed Level of Participation	Achieved Participation to Date*				Remarks
				M/WBE	DBE			
AECOM Technical Services, Inc.	DA-4260	DBE	12.00 %	N/A %	20.27 %			
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 %	31.61 %	N/A %			
Clark / McCarthy Joint Venture	DA-4554	M/WBE	20.10 %	7.83 %	N/A %			
Fentress Architects	DA-4274	DBE	9.30 %	1.86 %	6.56 %			
Flatiron West, Inc.	DA-4398	DBE	1.00 %	0.77 %	12.53 %			
Griffith Company	DA-4338	M/WBE	6.60 %	2.24 %	N/A %			
Griffith Company	DA-4478	M/WBE	23.70 %	23.30 %	N/A %			
Hatch Mott MacDonald, LLC	DA-4275	DBE	11.63 %	13.84 %	6.36 %			
Helmuth, Obata + Kassabaum, Inc.	DA-4313	M/WBE	25.00 %	38.66 %	N/A %			
Jacobs Project Management Co.	DA-4417	M/WBE	25.00 %	5.87 %	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 %	1.55 %			
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00 %	56.55 %	N/A %			
Paslay Management Group	DA-4324	M/WBE	10.00 %	18.56 %	N/A %			
Post, Buckley, Schuh & Jernigan, Inc.	DA-4515	DBE	24.00 %	N/A %	29.53 %			
Praxis Integrated Communications	DA-4541	M/WBE	10.00 %	0.00 %	N/A %		MBE subcontractor approval in process.	
Vanir Construction Management, Inc.	DA-4416	M/WBE	20.00 %	11.02 %	N/A %			
W.E. O'Neil	DA-4371	M/WBE	6.80 %	10.65 %	N/A %			
Walsh Austin Joint Venture - Pre-Construction (Gates)	DA-4337	M/WBE	20.00 %	29.93 %	N/A %			
Walsh Austin Joint Venture - Construction (Gates)	DA-4337	M/WBE	14.00 %	15.02 %	N/A %			
Walsh Austin Joint Venture - Pre-Construction (Core)	DA-4382	M/WBE	20.00 %	25.84 %	N/A %			
Walsh Austin Joint Venture - Construction (Core)	DA-4382	M/WBE	14.00 %	14.59 %	N/A %			
<b>Total Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>11.315%</b>	<b>4.498%</b>			
<b>Total Combined Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>15.813%</b>				

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