



# Airports Development

Executive Management

Program Status Report

March 31, 2012

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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**

All underground utility work adjacent to Post 5 was completed in March 2012.

Guard Post 5 building is set and electrical/communication line is being finalized.

All airfield pavement is complete.

Overall construction progress is 85% complete.

### **Budget Status**

Project is within budget and is being closely monitored.

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

### Schedule Status

- \* Construction Notice to Proceed for the project was issued on March 1, 2010.
- \* Construction contract was awarded to Flatiron West, Inc. (FWI) on December 7, 2009.
- \* Taxiway T opened on September 27, 2011.
- \* Taxiway D opened on October 4, 2011.
- \* Taxilane S opened on November 17, 2011.
- \* Taxiway E is anticipated to open in April 2012.
- \* Ramp pavement west of Bradley West Terminal and adjacent to Taxilane S is anticipated to complete in mid-April 2012.
- \* New Security Post #5 is anticipated to open in June 2012.

### Issues

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

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

LAWA is evaluating alternatives for Taxiway T to split the construction into a two-phase project to delay the demolition of the TWA until the tenants can be relocated. The first Phase 1 project is anticipated to include the southern section of Taxiway T adjacent to Taxiway C and American Airlines ramp restoration. The Phase 2 project will include the demolition of the former TWA Hangar and construction of the northern section of Taxiway T.

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The design contract for Taxiway T was awarded to Kimley Horn & Associates. The 95% design documents for full taxiway construction were submitted and are currently in review. LAWA is evaluating various Taxiway T phasing alternatives to mitigate potential tenant impacts. LAWA is negotiating a proposal from the design consultant to provide a separate Taxiway T, Phase 1, construction package for bidding.

### **Construction Progress**

No construction contracts awarded.

### **Budget Status**

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

This project is tracking on budget.

### **Schedule Status**

Revised design is anticipated to complete in June, 2012.



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

### **Issues**

The FAA has indicated that the new planned phased construction of the project is inconsistent with the Federal Grant funding and has expressed desire to construct all of Taxiway T at one time as originally planned.

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

### **Project Description**

This project will make improvements to the Runway Safety Area (RSA) on the west end of Runway 7L/25R, to meet FAA Standards and meet Federal mandated improvements by end of 2015. The project will extend the west end of Runway 7L/25R by approximately 850 feet to provide the full 1,000 feet clearance requirement for the RSA. This project will also require demolition of existing taxiway connector B16, grading, construction of new runway and taxiway pavement, associated storm drains and electrical utilities, pavement markings and striping, airfield lighting modifications, installation of new lights, Navaids relocation, barricades, blast fence and other specialty items.

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 30% complete.

ADG is preparing the RFP for final design engineering services and construction administration support for this project.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is trending on schedule.

### **Issues**

None.

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

### **Project Description**

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

### **Planning and Programming Status**

Project definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

Construction contract was awarded to Sully-Miller Contracting on March 5, 2012.

Notice to Proceed for mobilization was issued on March 22, 2012.

Contractor has started with the badging and submittal process.

Baseline construction schedule was received and currently being evaluated.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

NTP for mobilization was issued on March 22, 2012.

This project is tracking on schedule.

### **Issues**

None.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

30% design is complete.

ADG is preparing the RFP for final design engineering services and construction administration support for this project.

### **Construction Progress**

No construction contract has been awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

Project is tracking on schedule.

### **Issues**

None

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Contractor has revised asphalt (AC) mix design and placed new (AC) pavement test sections.

Overall construction progress is 50% 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**

The contractor is behind schedule due to failure of asphalt concrete (AC) test strip and pavement placed in Phase 3. The contractor has submitted a recovery schedule to complete project on schedule.

### **Issues**

The paving of Work Area 3 did not meet FAA material specifications due to asphalt plant problems. Contractor was directed to remove and has replaced the failed AC pavement.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Notice to Proceed was issued June 29, 2009.

On January 23, 2012 the Board approved a change order and allocated \$700,000 in funding for electrical repair and upgrades for Terminals 4, 5, 7 & 8. Contractor has begun procurement and installation of electrical equipment and materials.

Construction continues at 91% complete.

### **Budget Status**

This project is anticipated to complete on budget.

### **Schedule Status**

Contract is scheduled to end on May 24, 2012.

A time extension to extend Griffith's construction contract duration by 1 year, was approved on the March 5, 2012 Board meeting. The contract amendment for contract time requires City Council approval, which is in process.

### **Issues**

None.

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

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**

North & South Concourse MEP (Mechanical, Electrical & Plumbing) work continues.  
LADBS inspections of Electrical and Mechanical rooms are underway.  
Concrete operations have mobilized for Gate #134 apron work.  
Continued installation of North Concourse Finished Roof Panels.  
South Concourse enclosure work in all areas includes metal deck/underlayment installation;  
Clerestory work; Soffit framing, back-up steel and curtainwall installation.  
Continued underground utility work on the Southwest Apron.  
Prep work to remove the 2nd South Concourse tower crane is underway.

### **Budget Status**

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



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

### **Schedule Status**

Early Operation of Gate 134/134A  
Target Date: Aug-2012 Forecast Date: Aug-2012

West Gates Substantial Completion  
Target Date: Mar-2013 Forecast Date: Mar-2013

### **Issues**

To address construction impacts while maintaining a fast-pace project delivery, LAWA and WAJV concluded a schedule reset exercise to establish a new forecast.

The project budget is being revised to reflect the new addition and repackaging of the contract scope.

## **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**

Final Slab on Metal Deck Pours are on-going.  
Back-up Steel activities in Area #1 continue.  
Sheer Wall AA Tie-In to the Core Building is complete.  
Roof Underlayment activities are underway.  
MEP Rough-In in Area #1, Levels 1 through 5.  
CMU work in Area #1, Levels 1, 3 and 4  
Baggage Handling System installation in the basement has commenced.

### **Budget Status**

Component Guaranteed Maximum Price 01 through 17 have been approved by the Board.  
Buyout is 60% complete, inclusive of approved amendments.

### **Schedule Status**

Milestone #3 – New Core Construction Complete

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

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

### Issues

To address construction impacts while maintaining a fast-pace project delivery, LAWA and WAJV concluded a schedule reset exercise to establish a new forecast.

The project budget is being revised to reflect the new addition and repackaging of the contract scope.

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

### **Project Description**

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

### **Planning and Programming Status**

The Art Oversight Committee (AOC) reviewed six applications in response to their invitation; and selected three finalists: Ball-Nogues Design Studio; Mark Bradford; and Pae White Studio. The Department of Cultural Affairs has initiated contracts with the selected finalists for \$1 million each; and is monitoring the artists' progress with established payment milestones. Ball-Nogues' artwork will be located in the North Light Well; Mark Bradford's artwork will be located in the existing TBIT building, Ticketing Lobby (Mezzanine Level); and Pae White's artwork will be located in the Sterile Corridor.

### **Design Progress**

Ball-Nogues: LAWA is reviewing different approaches to address general maintenance issues in the North Light Well, with respect to how the approaches may impact the suspended sculpture. The Artists are studying the approaches with LAWA staff, Fentress, and contractors. The Artists provided a preliminary budget estimate and work plan in February 2012 and will confirm the artwork's structural loads in March.

Mark Bradford: Artist has confirmed the structural loads for his suspended sculpture. LAWA and the Artist to review technical requirements related to lighting and sprinkler systems.

Pae White: The Artist is working on a modified design of her artwork for the Sterile Corridor, including developing an attachment system for her artwork. The Artist provided a preliminary budget estimate and work plan in October 2011. Artist to confirm structural loads in April 2012.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

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

### **Schedule Status**

This project is anticipated to complete on schedule.

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

### 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**

The Site Utility West package was issued for construction. Ongoing discussions with CMJV and their underground piping subcontractor to simplify piping vault design continue for the East Side package. Architectural cladding options for the Cooling Towers were reviewed with LAWA management and the choice of options made. The 60% Site Utility package (East Half), 60%, the West Half Electrical Utilities and the 60% Site Utility Grading and Traffic package were returned to the design builder with minor comments. 90% packages are in preparation.

The TES 90% package has been reviewed and returned for preparation of the IFC set submittal.

Review by the Los Angeles Department of Building and Safety of deferred submittals from the building package continues. Metal framing, cranes, secondary steel and metal stairs were permitted in March 2012.

Seismic bracing issues for the Gas Turbine Skid have been resolved with Solar Turbines. Final issue of resulting design changes are expected in early April 2012.

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

### **Construction Progress**

Underground electrical conduit installation within the footprint of the CUP continued throughout March 2012. Conduit is being placed in two layers below the ground floor slab, the lowest level is complete and backfilled with the upper level well underway and nearing completion. The below grade conduit installation should be completed during the month of April 2012 allowing for placement of the slab on grade. The electrical contractor also placed two electrical manholes on the southwest corner of the CUP which serves to establish a complete electrical path from the cooling towers, through the CUP, across Center Way North to the new metering building.

Interior steel fireproofing work, concrete slab on deck and housekeeping pad pours as well as HVAC block-outs, perimeter scaffold installation and interior wall layout all made good progress in March 2012. Areas are being prepared for major equipment deliveries; the perimeter of the CUP is being prepared for exterior skin installation; and, overhead mechanical piping and plumbing hangers are being installed as more interior trade contractors mobilize to the site.

Work on the new IS-2299 metering building continued as the electrical contractor completed most of the underground conduit and started excavation of the metering building footprint. A mini remote controlled auger was used to drill the shoring piles below the limited headroom clearance of the P2B to P2A Connector Bridge. Excavation of the metering building began upon the completion of the relocation of the T2 domestic water line and the relocation of the T2 chilled and hot water lines from the footprint of the new building. A new alignment of both the domestic water and the chilled and hot water was installed and the shut down and cut over occurred during a midnight shift in late March 2012. The second IS-5119 mobile substation was also received in March 2012 from Delta Star. LADWP took delivery and is holding both trailers in their yard in El Segundo.

Installation of shoring and distribution water piping continues in Area D3 (North Center Way, south of PS3). Work has progressed to the east to the PS3 exit booths. Limited closures of the parking exit booths occurred during the midnight shifts to minimize disruptions to the exiting traffic. Approximately 200 linear feet of 36" chilled water piping and hot water piping has been installed, welded and is undergoing x-ray testing in this area. Site preparation and clearing and grubbing has also commenced to the west side of PS3 (Area D4). Installation of utilities is progressing and working towards a late May 2012 jack and bore crossing of World Way towards the Bradley West point of connection.

### **Budget Status**

This project is tracking to budget.

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

### **Schedule Status**

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

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

### **Issues**

Meetings continue between LAWA and CMJV and their underground piping contractor to discuss the piping distribution scope of work and possible changes. An overall project schedule meeting was conducted at the end of the month to review schedule critical items. A result of this meeting is to have smaller break-out sessions to review discrete elements of the piping distribution scope of work and to resolve various disputes regarding unforeseen conditions and other potential design related changes.

Piping in the T5 tunnel was inspected and found to be very corroded. The piping has a nominal 0.375 inch wall thickness and in areas the remaining wall thickness is 0.13 inches. Corrosion this severe requires replacement. Consequently, it has been decided to perform more detailed inspections to determine the extent of the piping to be replaced. This inspection will include all piping in the nine existing tunnels as well as potholing and inspection of underground piping in selected locations. Further work will depend upon the results of the inspections which are to be completed in early April 2012.



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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The design contract was awarded to Atkins North America Inc.. Atkins is surveying the existing condition of the SLR and preparing the Structural Rehabilitation Report (SRS).

### **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 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 the Department of Public Works (DPW) for review and approval. On January 19, 2012, LAWA met with the Coastal Commission to review the habitat plan. It is anticipated that the habitat plan will be completed in April.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is trending on schedule.

### **Issues**

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

## LANDSIDE ELEMENT - 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.

The contractor began construction activities on the first three zones.

The contractor has started installation of the construction fence. The fence fabric has been delivered to the site and installation of fence posts has started.

Relocation of existing K-Rail for zones 2 and 3 is complete.

Slurry and Striping work has started.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is tracking on schedule.

### **Issues**

None at this time.

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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 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 - Elevators and Escalators Replacement (T001A)**

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

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

Priority II-IV GC MRL Elevators - Design is 100% complete.

### **Construction Progress**

Priority I Site Mods - Construction contract awarded to W.E. O'Neil Construction Company on August 17, 2009 - Construction is 100% complete. Change Order scope of work is 28% complete.

Priority II - Procurement - Fabrication is at 39%. Eleven units in service.

Priority II-IV Site Mods - Two bids received January 12, 2012. On the Board agenda for April 2012.

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

Parking Structure MRL Elevators - Design contract on Board Agenda for April 2012.

### **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 mid April 2012 finish.

### **Issues**

The remaining KONE contract extension issues are being negotiated for contract completion in April 2012.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is Complete.

### **Design Progress**

The initial design documents are complete.

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

### **Construction Progress**

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

Construction work at Terminal 1 is ongoing and work at Terminal 2 will begin in April 2012.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The design is underway.

### **Construction Progress**

No construction contract is currently awarded. General Services Division (GSD) is preparing a ticket counter mock-up.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule. On-site work is forecast to commence by May 2012.

### **Issues**

None at this time.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition is complete.

### **Design Progress**

The contracting strategy for design services is being developed.

### **Construction Progress**

No construction contract is awarded.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project is tracking to schedule.

### **Issues**

None at this time.

---

## TERMINAL ELEMENT - Concessions Enabling Project (T017A)

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

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

### **Construction Progress**

Griffith has initiated some early-phase work via a Change Order.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

---

## WORK IN PROGRESS OVERVIEW

### User's Guide - Work in Progress

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

---

## WORK IN PROGRESS - VNY Runway 16R (A016A)

### **Project Description**

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

### **Issues**

Van Nuys Airport Association (VNAA) is reviewing the identified runway rehabilitation alternatives.

---

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

### **Project Description**

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

### **Issues**

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

### **Issues**

The Project Definition phase is nearing completion.

---

## WORK IN PROGRESS - Jenny Street Site Modifications (L016A)

### **Project Description**

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

### **Issues**

The Project Definition phase is nearing completion.

---

## **WORK IN PROGRESS - Bradley West Terminal 4 Connector (M401A)**

### **Project Description**

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

### **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.

---

## WORK IN PROGRESS - T-2 400-Hz Power System Upgrade (T018A)

### **Project Description**

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

### **Issues**

Project Definition is complete.

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## PROGRAM MASTER SCHEDULE OVERVIEW

### User's Guide - Schedule

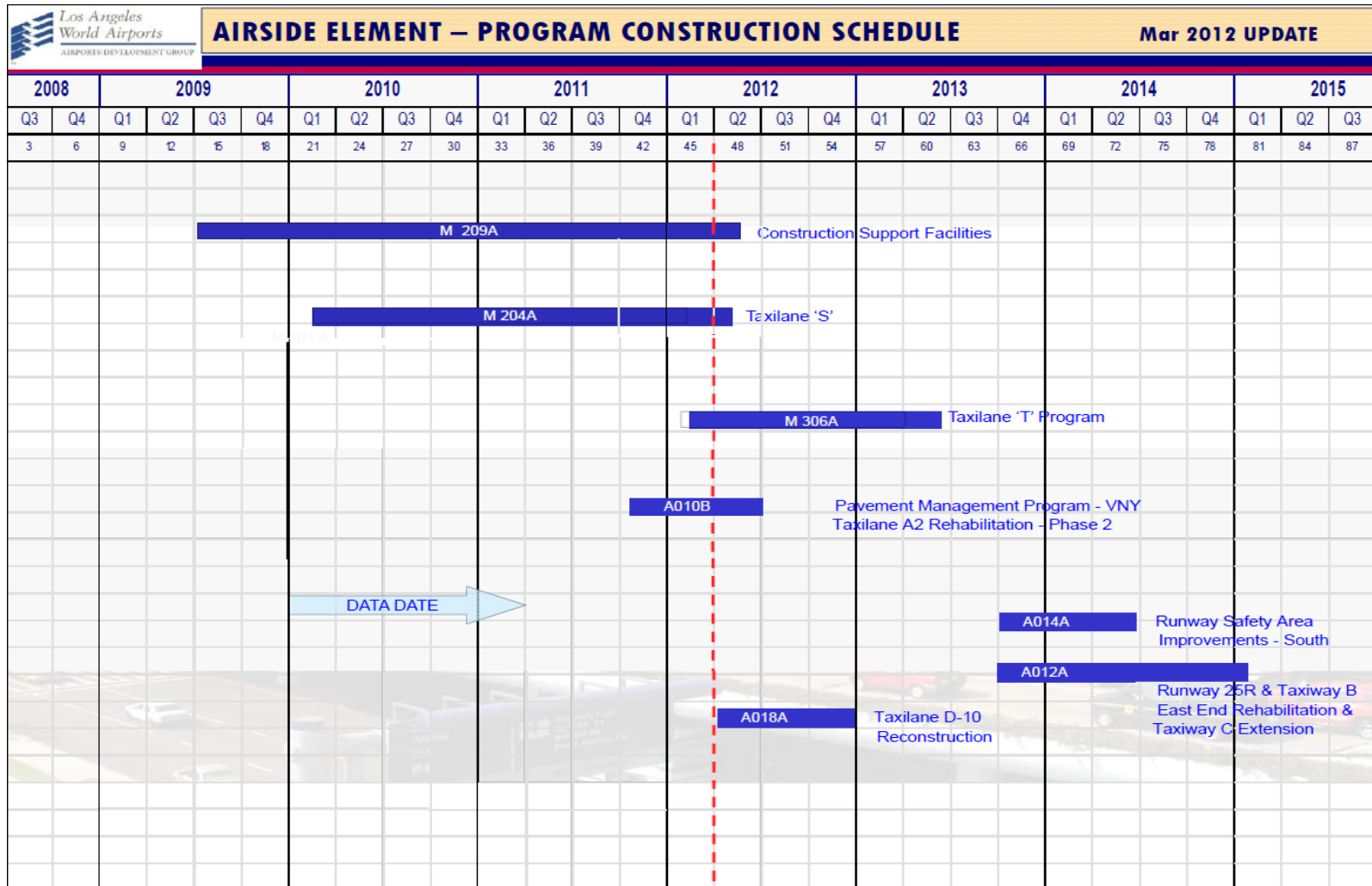
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

**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.

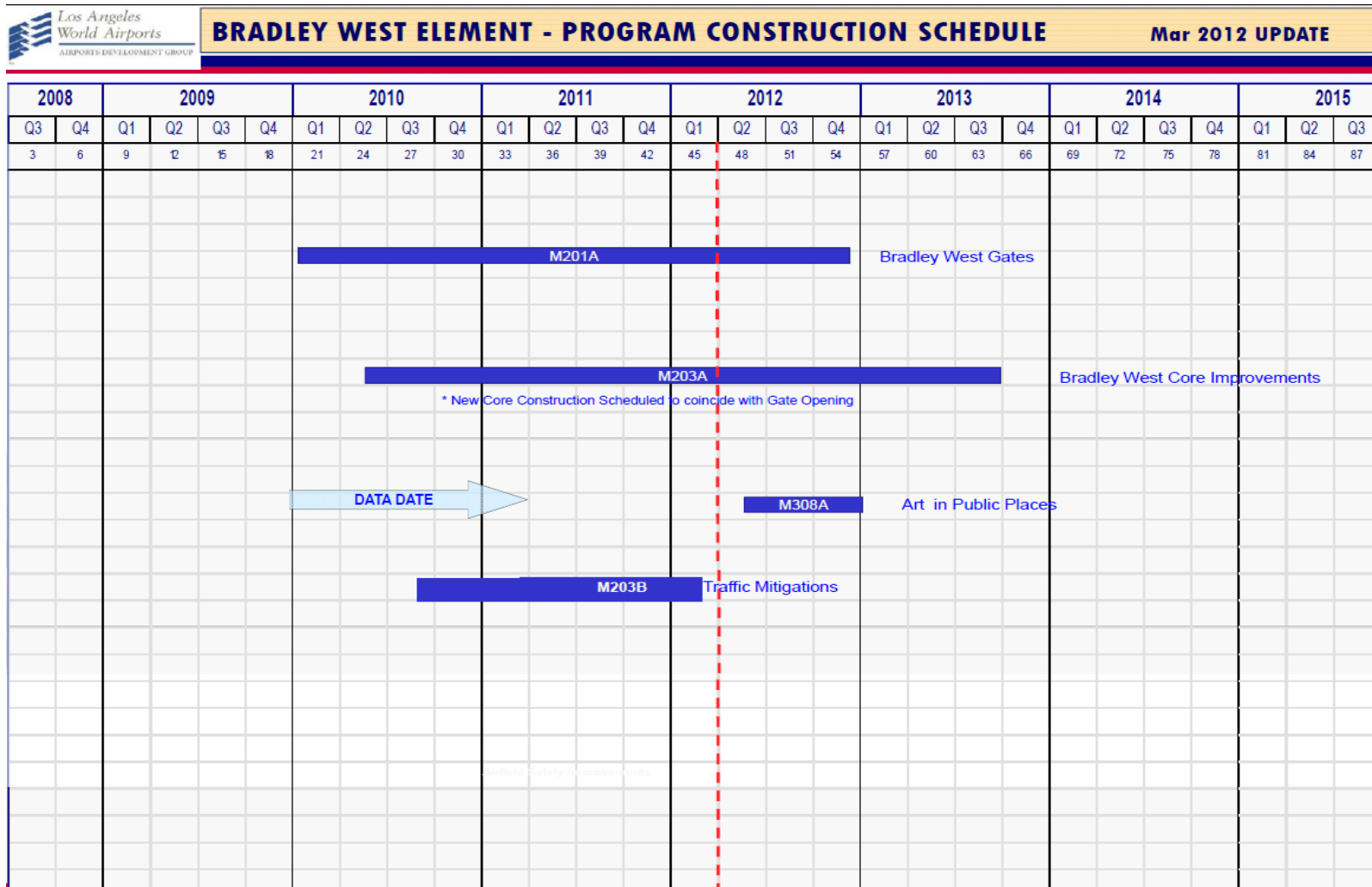
**Project Schedule Bar** - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

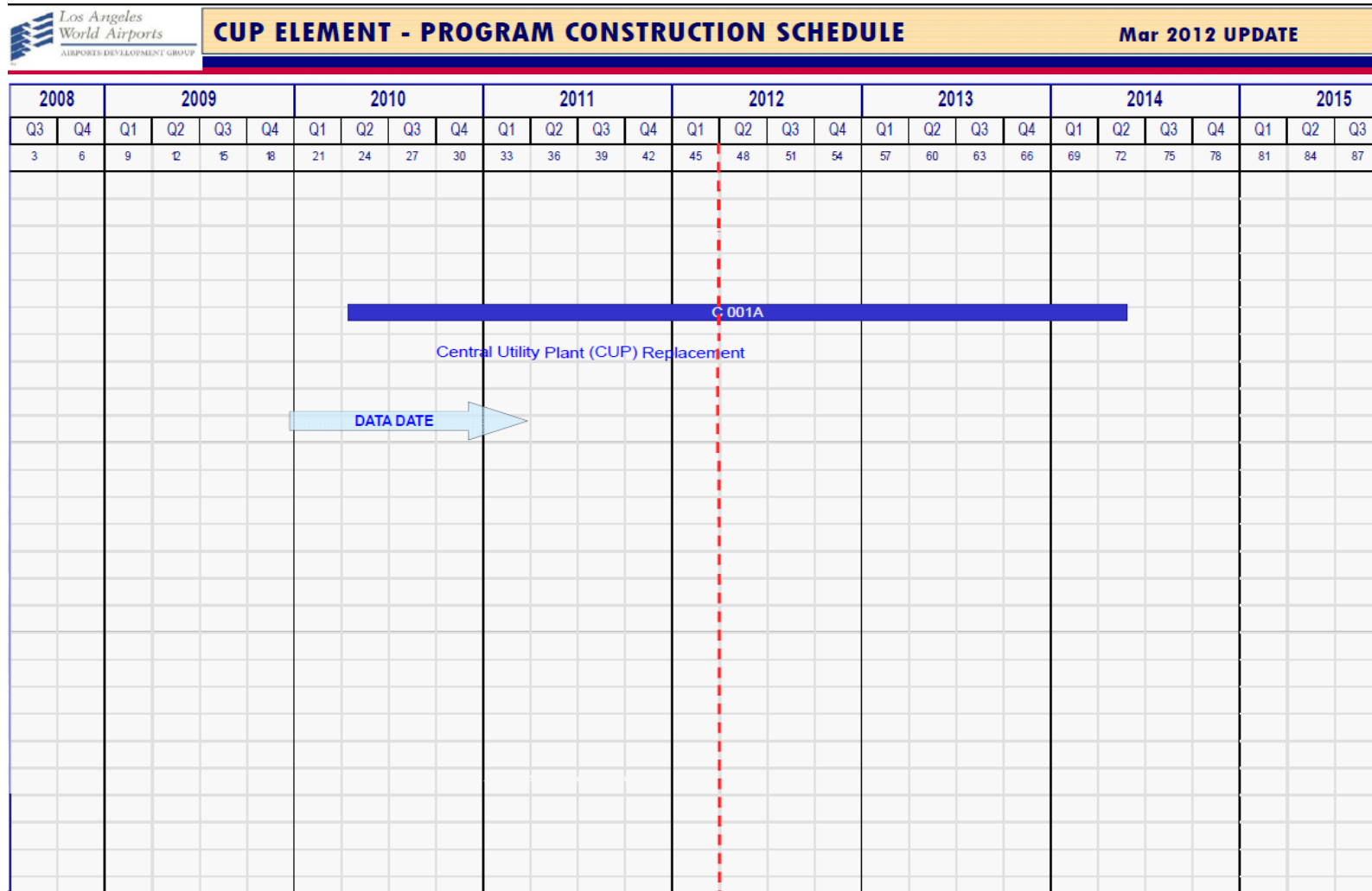
## PROGRAM MASTER SCHEDULE - Continued



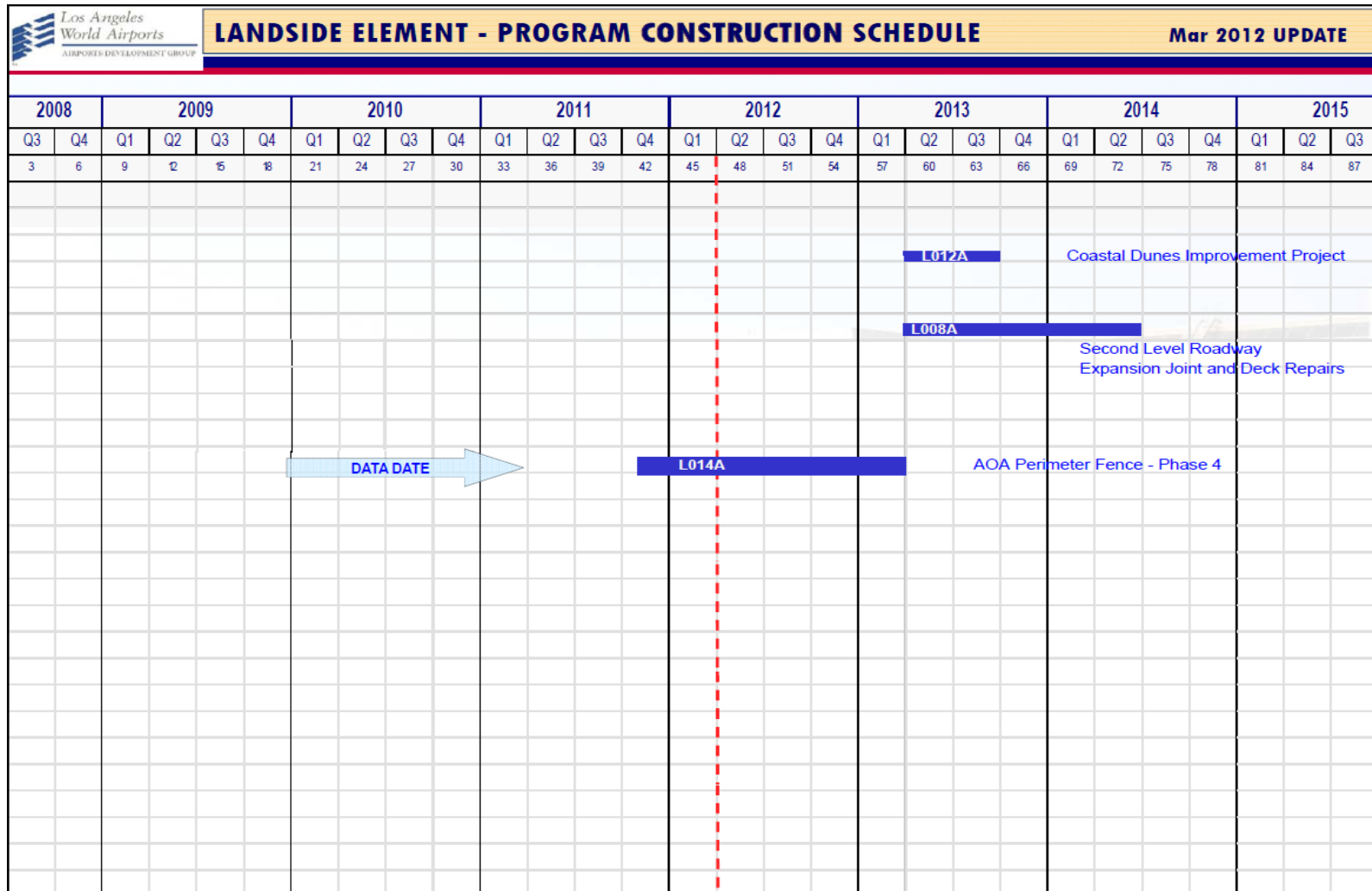
# PROGRAM MASTER SCHEDULE - Continued





# PROGRAM MASTER SCHEDULE - Continued

2008		2009				2010				2011				2012				2013				2014				2015		
														Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
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
 <p style="text-align: center;">C 001A Central Utility Plant (CUP) Replacement</p> <p style="text-align: center;">DATA DATE</p>																												

## PROGRAM MASTER SCHEDULE - Continued



# PROGRAM MASTER SCHEDULE - Continued

 <b>RESIDENTIAL/ SOUNDPROOFING ELEMENT- PROGRAM SCHEDULE</b> <span style="float: right;">Mar 2012 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
S002A																	Noise Mitigation / Soundproofing ( City of LA )											
																												





### 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 3/31/2012

(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	414,785	456,239	193,129	150,213	430,293	25,945	35%	18%
Bradley West Element	1,720,198	1,762,448	1,303,418	810,616	1,741,274	21,174	47%	21%
CUP Replacement Element	423,835	423,835	334,805	113,970	376,201	47,633	30%	9%
Landside Element	28,406	28,406	8,646	718	27,359	1,047	3%	0%
Residential/Soundproofing Element	181,317	161,317	152,214	144,775	161,214	103	90%	0%
Terminal Element	298,837	268,819	106,841	63,454	230,095	38,725	28%	18%
<b>Subtotal</b>	<b>3,067,378</b>	<b>3,101,064</b>	<b>2,099,053</b>	<b>1,283,746</b>	<b>2,966,436</b>	<b>134,627</b>	<b>43%</b>	<b>18%</b>
Unallocated Contingency	N/A	328,064	0	0	N/A	N/A	N/A	N/A
<b>Subtotal</b>	N/A	<b>3,429,128</b>	<b>2,099,053</b>	<b>1,283,746</b>	N/A	N/A	N/A	N/A
Work in Progress	N/A	0	9,098	5,124	N/A	N/A	N/A	N/A
<b>Program Total</b>	N/A	<b>3,429,128</b>	<b>2,108,151</b>	<b>1,288,870</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 3/31/2012

(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	162,041	153,410	131,542	160,353	1,688	82%	55%
M306A	Taxilane 'T'	96,577	156,285	28,361	9,815	142,408	13,876	7%	0%
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	1,052	1,052	41,159	2,078	3%	0%
A018A	Taxilane D-10 Reconstruction	9,062	9,062	356	125	8,104	958	2%	0%
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	1	1	67,802	5,404	0%	0%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,373	867	2,744	189	32%	10%
M209A	Construction Support Facilities	14,790	9,475	7,576	6,811	7,723	1,752	88%	33%
<b>Airside Element Total</b>		<b>414,785</b>	<b>456,239</b>	<b>193,129</b>	<b>150,213</b>	<b>430,293</b>	<b>25,945</b>	<b>35%</b>	<b>18%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## BRADLEY WEST ELEMENT BUDGET REPORT

as of 3/31/2012

(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 (Note 2)	906,474	908,399	722,158	506,783	907,555	844	56%	40%
M203A	Bradley West Core Improvements (Note 2)	808,364	848,689	575,900	300,833	828,359	20,330	36%	0%
M308A	Art In Public Places	5,360	5,360	5,360	3,000	5,360	0	56%	0%
<b>Bradley West Element Total</b>		<b>1,720,198</b>	<b>1,762,448</b>	<b>1,303,418</b>	<b>810,616</b>	<b>1,741,274</b>	<b>21,174</b>	<b>47%</b>	<b>21%</b>

Notes:

1. The current budget and estimate at completion excludes escalation.
2. The project budget is being revised to reflect the new addition and repackaging of the contract scope.

## CUP REPLACEMENT ELEMENT BUDGET REPORT

as of 3/31/2012

(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	334,805	113,970	376,201	47,633	30%	9%
<b>CUP Replacement Element Total</b>		<b>423,835</b>	<b>423,835</b>	<b>334,805</b>	<b>113,970</b>	<b>376,201</b>	<b>47,633</b>	<b>30%</b>	<b>9%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## LANDSIDE ELEMENT BUDGET REPORT

as of 3/31/2012

(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	2,746	46	18,500	400	0%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	531	330	2,791	209	12%	0%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	5,369	342	6,068	438	6%	0%
<b>Landside Element Total</b>		<b>28,406</b>	<b>28,406</b>	<b>8,646</b>	<b>718</b>	<b>27,359</b>	<b>1,047</b>	<b>3%</b>	<b>0%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT

as of 3/31/2012

(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	151,184	144,775	160,000	0	90%	0%
<b>Residential/Soundproofing Element Total</b>		<b>181,317</b>	<b>161,317</b>	<b>152,214</b>	<b>144,775</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 3/31/2012

(dollars in thousands)

Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
T001A	Elevators and Escalators Replacement	270,000	241,026	103,030	62,024	205,866	35,160	30%	27%
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,091	710	3,679	577	19%	0%
T015A	Terminal 3 Backfill Project	5,846	5,846	720	720	5,645	201	13%	0%
T019A	T-2 EDS Behind the Wall Project	14,246	14,246	0	0	12,003	2,244	0%	0%
T017A	Concessions Enabling Project	3,445	3,445	0	0	2,902	543	0%	0%
<b>Terminal Element Total</b>		<b>298,837</b>	<b>268,819</b>	<b>106,841</b>	<b>63,454</b>	<b>230,095</b>	<b>38,725</b>	<b>28%</b>	<b>18%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## WORK IN PROGRESS BUDGET REPORT

### as of 3/31/2012

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
T018A	T-2 400-Hz Power System Upgrade	N/A	0	0	0	N/A	N/A	N/A	N/A
A017A	West Maintenance Area	N/A	0	4,137	4,137	N/A	N/A	N/A	N/A
L015A	Manchester Square / Belford Demolition Program	N/A	0	1	1	N/A	N/A	N/A	N/A
L016A	Jenny Street Site Modifications	N/A	0	5	5	N/A	N/A	N/A	N/A
M401A	Bradley West Terminal 4 Connector	N/A	0	65	65	N/A	N/A	N/A	N/A
T012A	The New Face of the CTA	N/A	0	4,890	916	N/A	N/A	N/A	N/A
<b>Work in Progress Element Total</b>		N/A	<b>0</b>	<b>9,098</b>	<b>5,124</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.

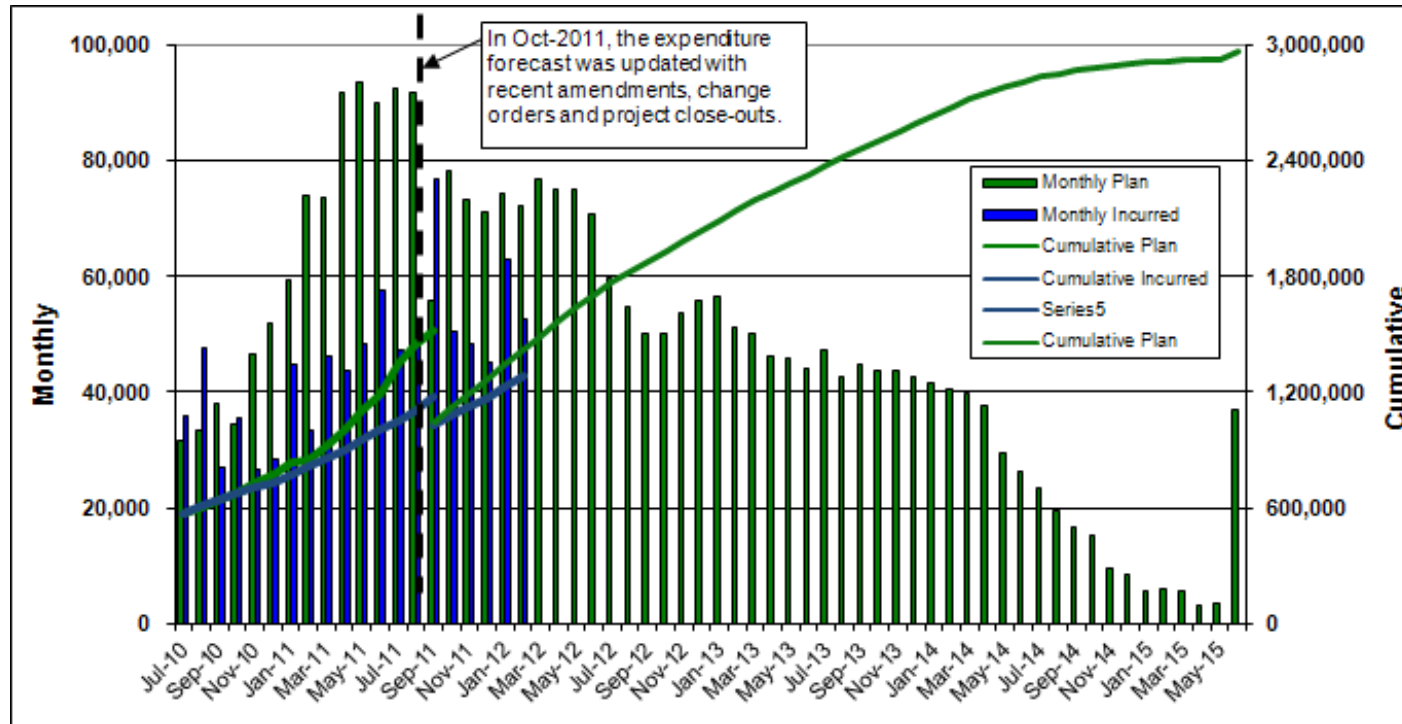
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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 3/31/2012

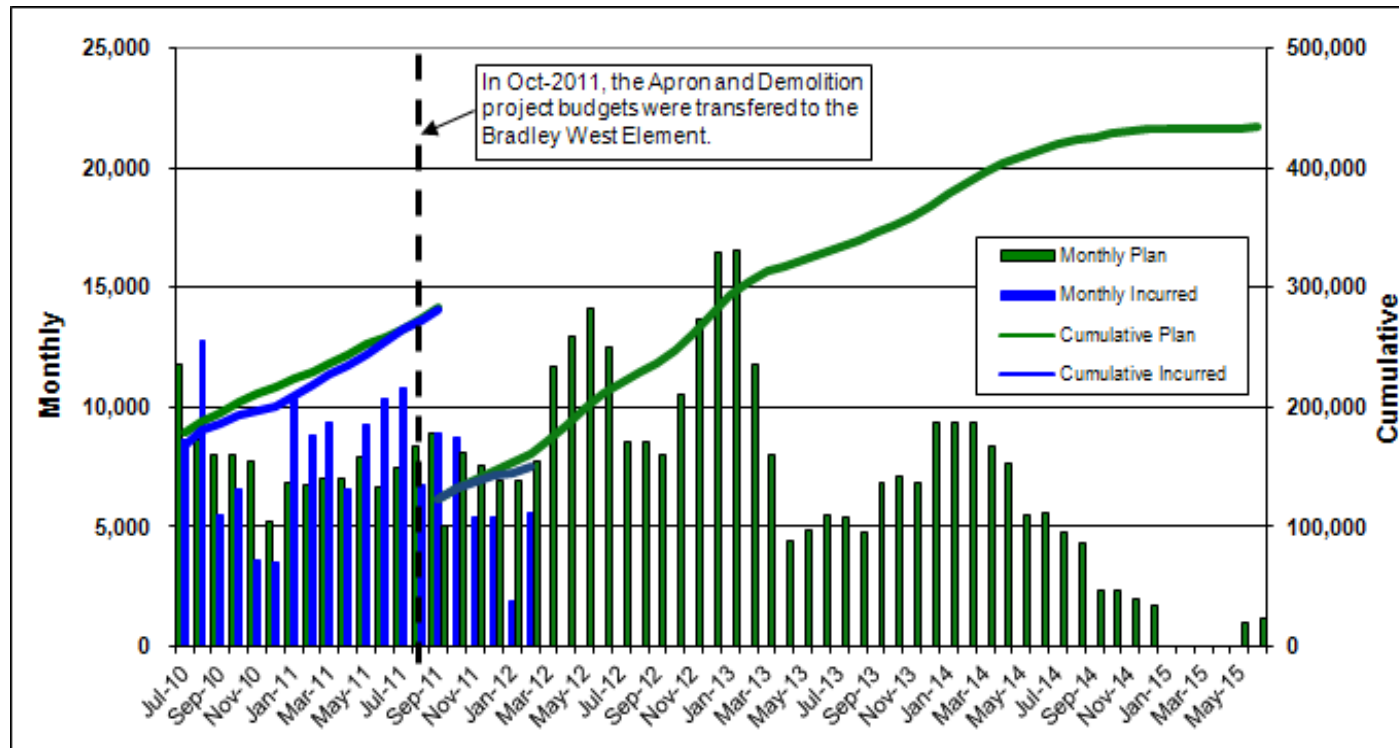


Notes:

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

## AIRSIDE ELEMENT CASH FLOW

as of 3/31/2012

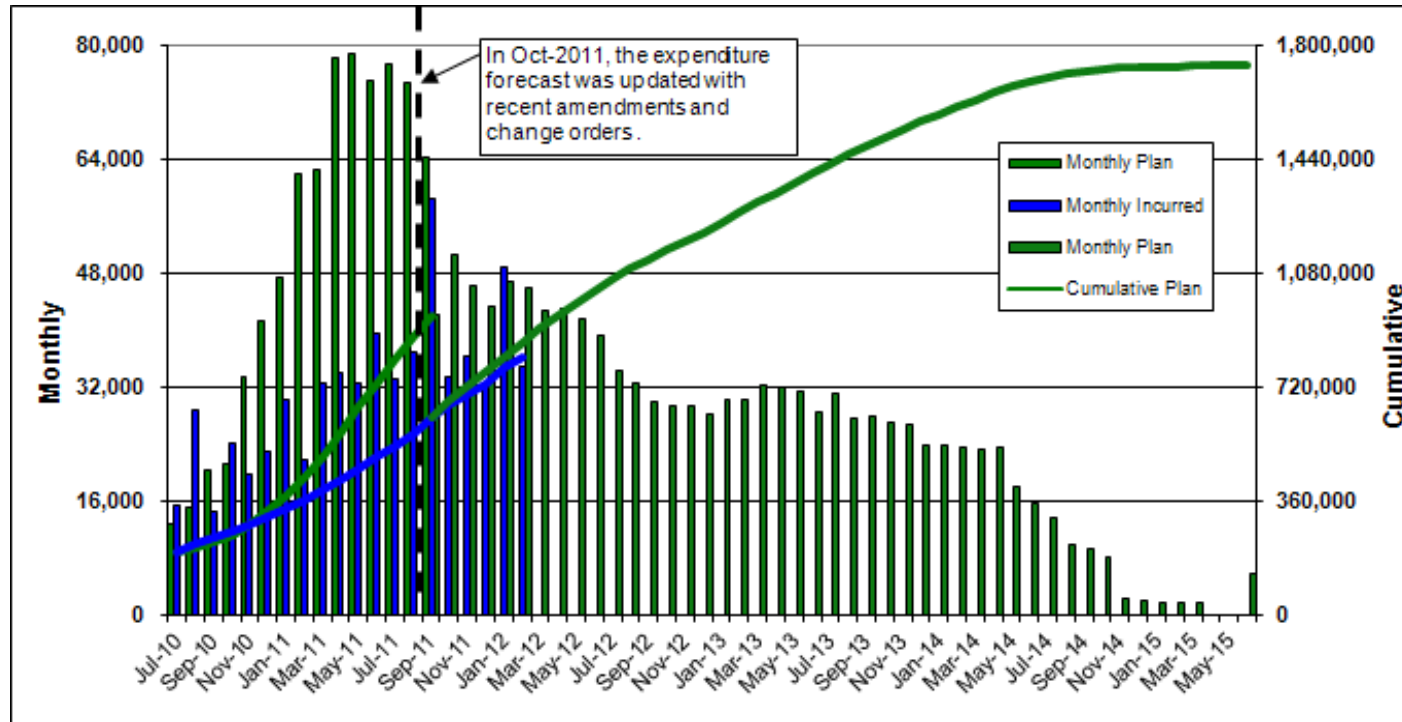


Notes:

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

## BRADLEY WEST ELEMENT CASH FLOW

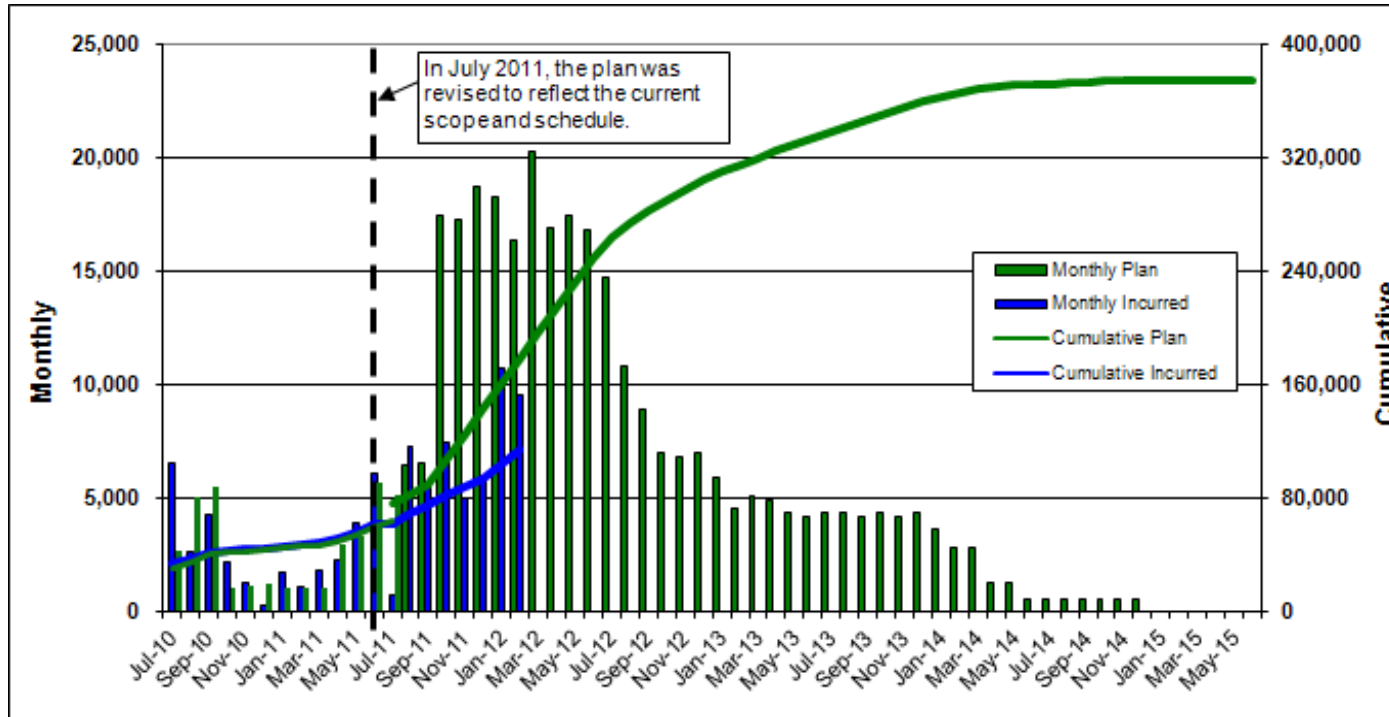
as of 3/31/2012



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

## CUP REPLACEMENT CASH FLOW

as of 3/31/2012

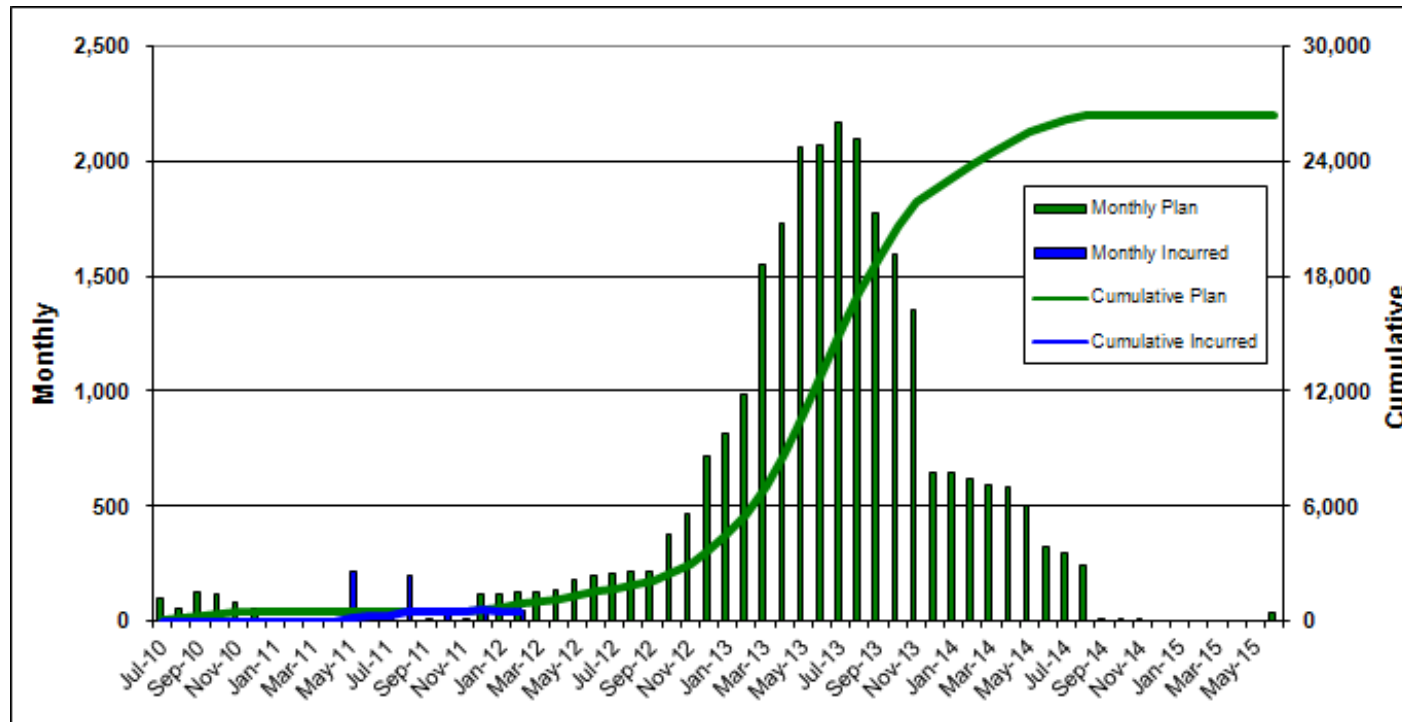


Notes:

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

## LANDSIDE ELEMENT CASH FLOW

as of 3/31/2012



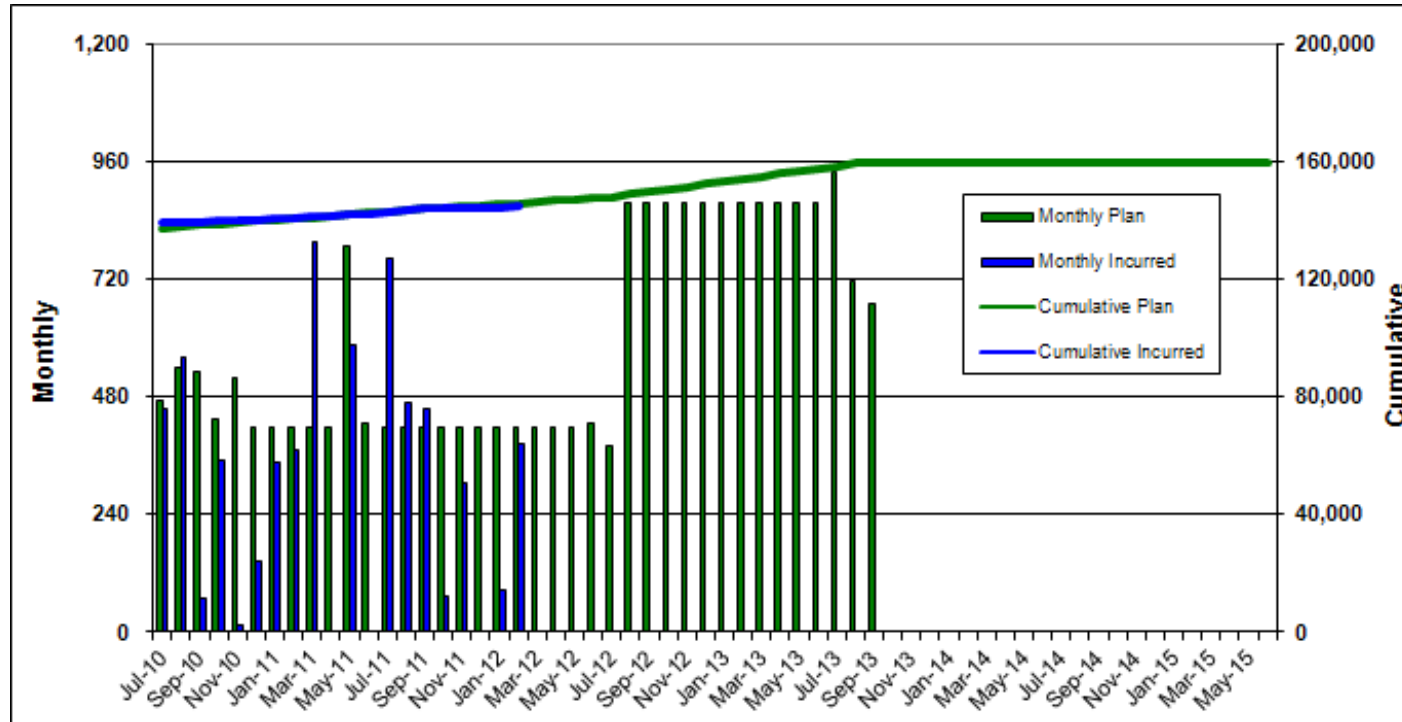
Notes:

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



## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

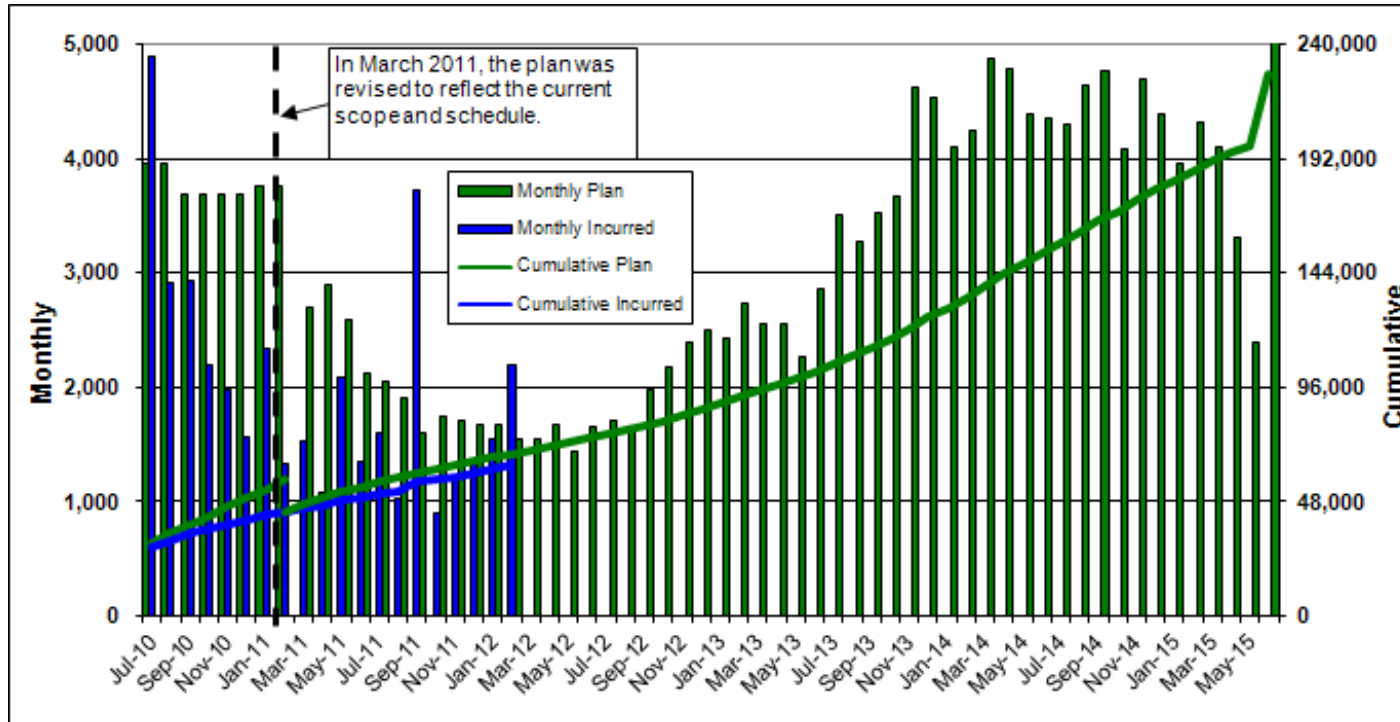
as of 3/31/2012



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

## TERMINALS ELEMENT CASH FLOW

as of 3/31/2012



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 3/31/2012

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>							
<b>M204A - TAXILANE 'S'</b>							
	DA-4398		0050		\$150,000		34.5KV Ductbank WWW Connection
	DA-4398		0051		\$150,000		WWW Emergency Waterline Repair and Road Closure
	DA-4398		0052	\$100,000			Temporary Taxiway Blue Edge Lights, Removals of Undocumented Utilities Package 1 Phase 3, 3C, Removals of Undocumented Utilities Package 1 Phase 5
	DA-4398		0053	\$125,000			Vehicle Check for Post 21 (March 2012 - June 2012)
	DA-4398		0054		\$150,000		Reroute of FAA Fiber Optic Duct Bank
	DA-4398		0055	\$125,000			Econocrete Aggregate for use by Walsh-Austin, Removals of Undocumented Utilities in Package 1 Phase 6, Phase 8 Temporary Facilities & Unknowns
	DA-4398		0056	\$110,000			Opening TLN-S Temporary Facilities, Phase 7 Temporary Facilities & Unknowns, Maintain Closure Markers
	DA-4398		0057	\$135,000			Taxiway B and D Signage, Electrical Handhole in Phase 8, FAA Fiber Duct Bank Reroute
	DA-4398		0058	\$125,000			High Point Vent in Phase 6, Telecommunication for Guard Post 5, Relocation of K-Rail at Boundary of Package 2, Revisions to Stockpiled Soil Area
	DA-4398		0059		\$150,000		Phase 8 Eastern Limit Changes, Taxiway D at Taxiway E12 Shoulder Pavement Modifications, Telecommunications Manhole Investigation

## CHANGE ORDERS - Continued as of 3/31/2012

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		0028	\$1,792			01.28 IWBT - Temporary Lamp Lighting
	DA-4337/CGMP02		0260	\$50,361			02.260 BWG - Downspout and Curtain Wall Back-up Steel Outriggers (Miscellaneous Metals)
	DA-4337/CGMP02		0261	\$1,696			02.261 BWG - Pier Shear Wall Opening and Embed Conflicts (RFI - 3742)
	DA-4337/CGMP02		0262	\$698			02.262 Gates Structural Channel Interference with Backup Steel (Steel)
	DA-4337/CGMP02		0263	\$12,520			02.263 Tree Removal at Area 4 of Gate 119 Courtyard
	DA-4337/CGMP02		0264	(\$49,370)			02.264 IWBT - Gravity Hood Curbs (RFI 1320)
	DA-4337/CGMP02		0265	\$2,258			02.265 IWBT - Additional Exit Signs and Evacuation Map in TBIT at the IWBT Connector
	DA-4337/CGMP02		0266	\$4,903			02.266 BWG - Road Sink Hole and Erosion by Exposed Hard Corner of Vault
	DA-4337/CGMP02		0267	\$10,840			02.267 BWG - Follow Up to RFI 4840 and 5024 Corner Back-up Steel Angle Connections at Piers
	DA-4337/CGMP02		0268	\$1,130			02.268 BWG - Reduced Beam Section and Back-up Steel Conflict at Gridline S39/DD (Curtain wall)
	DA-4337/CGMP02		0269	\$53,483			02.269 BWG - Existing Ductbank Removals - 4160 Project (Site Demo)
	DA-4337/CGMP02		0270		\$208,537		02.270 Relocation of South VSR and Temporary Lateral Access Roads (Utilities)
	DA-4337/CGMP02		0271	\$502			02.271 Gates Deflection of Backup Steel Framing at Seismic Joint
	DA-4337/CGMP02		0272	\$28,399			02.272 IWBT - Emergency Egress Fire Department Correction Requirements
	DA-4337/CGMP02		0273	\$7,096			02.273 BWG - Relocate Elevator EL2-S HSS Header Frame at Level 4 (RFI-5058) (Structural Steel)
	DA-4337/CGMP02		0274	\$37,583			02.274 Gates 155, 157 and 159 Curtain Wall Back-up Steel Attachment to Building Structure
	DA-4337/CGMP03		0045	\$80,936			03.45 Relocation of South VSR and Temporary Lateral Access
	DA-4337/CGMP03		0046		\$301,252		03.46 RTI approved PBB foundations
	DA-4337/CGMP03		0047	\$50,479			03.47 Additional Unforeseen Conditions Near Junction Structure 28-2
	DA-4337/CGMP03		0048	\$16,609			03.48 Relocation of Sanitary Sewer Line B (trenching rework)
	DA-4337/CGMP03		0049	\$67,524			03.49 Bulletin H065 Domestic Water Line for Temp Chillers/ Boilers
	DA-4337/CGMP03		0050	\$18,860			03.50 Relocation of South VSR and Temporary Lateral Access Roads (Site Utilities)
	DA-4337/CGMP04		0143	\$11,191			04.143 Gates Interior Expansion Joints Revision (Concrete)

### Bradley West Element

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

DA-4337/CGMP04	0144	\$10,216		04.144 Concrete Curb at Bus Gate SOG per GDN-060
DA-4337/CGMP04	0145	\$5,374		04.145 BWG - Shearwall Embed Locations and Revisions at Pier West Gates (GDN-81)
DA-4337/CGMP04	0146	\$8,642		04.146 FD-0602 Gate 159 Caisson #18 Cave-in
DA-4337/CGMP04	0147	\$952		04.147 Gates Opening 3S4-08B Curb Removal and Detail Clarification (Concrete)
DA-4337/CGMP04	0148	\$4,814		04.148 L4 Restroom Curb Modification - Supplemental Steel, Scanning and Coring needed for Plumbing Line due to Relocated Curbs (Concrete)
DA-4337/CGMP04	0149	\$1,937		04.149 Boundary Steel on East Side DD/S3 - S4, DD/N5 and DD/N4
DA-4337/CGMP05	0057	\$113,422		05.57 BWG - Revised Counterweights at Pier Elevators
DA-4337/CGMP05	0058	\$3,321		05.58 BWG - Revised BAS Room 3N1-14 Layout (Masonry)
DA-4337/CGMP05	0059	\$6,786		05.59 Gates CMU Infill at Door 1N1-05B and 1N1-09
DA-4337/CGMP05	0060	\$75,341		05.60 BWG - Revised Elevator Cab Lighting and Strike Plate
DA-4337/CGMP05	0061	\$12,136		05.61 Gates Architectural and Interior Supplemental (Steel)
DA-4337/CGMP05	0062	\$6,030		05.62 L4 Restroom Curb Modification - Supplemental Steel, Scanning and Coring needed for Plumbing Line due to Relocated Curbs (Steel)
DA-4337/CGMP05	0063	\$14,244		05.63 BWG - Added HSS Support at Wall Framing at North Concourse Lid (GDN-118)
DA-4337/CGMP05	0064	\$3,949		05.64 Gates Gutter Drain Flood Test (Steel)
DA-4337/CGMP05	0065	\$3,710		05.65 BWG - Relocate Elevator EL2-S HSS Header Frame at Level 4 (RFI-5058) (Masonry)
DA-4337/CGMP06	0029	\$61,705		06.29 BWG - Added Framing Detail for Seismic Joint at S21 (Metal Roof)
DA-4337/CGMP06	0030	\$64,436		06.30 BWG - Flashing Flat Stock Order
DA-4337/CGMP06	0031	\$41,177		06.31 Gates Gutter Drain Flood Test (Metal Roof)
DA-4337/CGMP06	0032	\$81,424		06.32 Gates Revised Air Barrier Detail at West Gutter Conflict
DA-4337/CGMP07	0086	(\$4,084)		07.86 BWG - South Concourse Condenser Rooms Relocation (GDN-70) (Mechanical)
DA-4337/CGMP07	0087	\$69,585		07.87 BWG - Re-coordination of North and South Concourse Piers
DA-4337/CGMP07	0088	\$23,857		07.88 BWG - Reconfigure Duct at Pier Stairs Due to the Addition of Steel Posts and Cross-braces (Typical at all Piers) (RFI 3173)
DA-4337/CGMP07	0089	\$2,527		07.89 Gates Architectural and Interiors Supplemental (Plumbing)
DA-4337/CGMP07	0090	\$27,046		07.90 L4 Restroom Curb Modification - Supplemental Steel, Scanning and Coring needed for Plumbing Line due to Relocated Curbs (Plumbing)
DA-4337/CGMP07	0091	\$12,714		07.91 BWG Relocation of Backflow Preventer and Associated Piping Due to Door BWG RFI Relocation at Room 3N1-06
DA-4337/CGMP08	0091	\$61,752		08.91 BWG - South Concourse Condenser Rooms Relocation (GDN-70) (Electrical)
DA-4337/CGMP08	0092	\$5,824		08.82 BWG - Re-coordination of North and South Concourse Piers (Electrical)

### Bradley West Element

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

DA-4337/CGMP08	0093	\$7,530		08.93 BWG MAU Damper Control
DA-4337/CGMP08	0094	\$59,392		08.94 Relocate Breaker Feed to PCAir AHU 134.1 and 134.2
DA-4337/CGMP08	0095	\$39,010		08.95 BWG - Revised BAS Room 3N1-14 Layout (Electrical)
DA-4337/CGMP08	0096	\$1,519		08.96 BWG RFI 4827, 4744, 4679, Elect-Misc BIM Costs
DA-4337/CGMP08	0097	\$19,749		08.97 BWG - Neutral for Feeder 3NMMS2-2
DA-4337/CGMP08	0098	\$1,389		08.98 BWG - Existing Ductbank Removals - 4160 Project (Electrical)
DA-4337/CGMP08	0099	\$63,075		08.99 BWG Grounding for Vista Yard
DA-4337/CGMP08	0100	(\$15,383)		08.100 BWG Switchboard 3S3EBM Wire Size
DA-4337/CGMP08	0101	\$35,194		08.101 Gates Signage Supplemental QA Revisions
DA-4337/CGMP08	0102		\$200,770	08.102 BWG - Revised 480V and 120V Electrical Feeds/Panels for Temporary Boilers (GDN-124R1)
DA-4337/CGMP08	0103	\$3,710		08.103 BWG - EVIDS Monitor Shroud Coordination (GDN-150) (Electrical)
DA-4337/CGMP08	0104	\$1,378		08.104 BWG - Electrical - Miscellaneous BIM Costs Due to FCU's Inadequate Access (RFI's 5486, 5519, 5547, 5583, and 5584)
DA-4337/CGMP08	0105	\$4,592		08.105 BWG - EVIDS at Gridlines S19 and BB-AA.8
DA-4337/CGMP08	0106	\$13,359		08.106 BWG - Electrical - 480V MOV in Utilidor Rev 01 (RFI-5747)
DA-4337/CGMP08	0107	\$21,903		08.107 BWG Neutral for Feeder 3NMEBM-1, 3NMEBM-2
DA-4337/CGMP08	0108	\$22,306		08.108 BWG RFI 5741 - Elect - Remote Alarm Panels for Sump Pumps
DA-4337/CGMP08	0109	(\$14,215)		08.109 GDN 098 Delete Level 3 Paging Microphone Stations (RFI 3503)
DA-4337/CGMP08	0110	\$61,806		08.110 BWG - Neutral for Feeder 3NMEBM-2
DA-4337/CGMP09	0037	\$3,926		09.37 BWG - Downspout and Curtain Wall Back-up Steel Outriggers (Fire Proofing)
DA-4337/CGMP09	0038	\$180		09.38 Gates Structural Channel Interference with Backup Steel (Fireproofing)
DA-4337/CGMP09	0039	\$4,133		09.39 BWG - Added Framing Detail for Seismic Joint at S21 (Exterior Framing)
DA-4337/CGMP09	0040	\$7,360		09.40 BWG - Exterior Soffit at South Tug Pass
DA-4337/CGMP09	0041	\$955		09.41 BWG - Reduced Beam Section and Back-up Steel Conflict at Gridline S39/DD (Fireproofing)
DA-4337/CGMP09	0042	\$5,725		09.42 Added Structural Steel Stand-offs for Fall Restraint
DA-4337/CGMP09	0043	\$1,480		09.43 Gates Deflection of Backup Steel Framing at Seismic Joint
DA-4337/CGMP10	0061	(\$4,742)		10.61 BWG - South Concourse Condenser Rooms Relocation (GDN-70) (Framing and Drywall)
DA-4337/CGMP10	0062	\$8,481		10.62 Gates Interior Expansion Joints Revision (Interior Framing)
DA-4337/CGMP10	0063	\$527		10.63 BWG - Re-coordination of North and South Concourse Piers (Framing and Drywall)
DA-4337/CGMP10	0064	\$4,069		10.64 RFI 5590 Shaft Enclosure Room 3S1-02

### Bradley West Element

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

DA-4337/CGMP10	0065	\$37,058		10.65 BWG - Added Framing Detail for Seismic Joint at S21 (Framing and Drywall)
DA-4337/CGMP10	0066	\$1,782		10.66 Gates Interior Partition Conflict with Exterior Louver in Condenser Room
DA-4337/CGMP10	0067	\$3,055		10.67 BWG - Added Gypsum Board Ceiling at Room 3S3-06 (Framing and Drywall)
DA-4337/CGMP10	0068	\$12,308		10.68 BWG - Revised BAS Room 3N1-14 Layout (Framing and Drywall)
DA-4337/CGMP10	0069	\$85,933		10.69 Gates Gypsum Board on Interior Side of Metal Deck at North Clerestories (Drywall)
DA-4337/CGMP11	0019	(\$1,299)		11.19 BWG - South Concourse Condenser Rooms Relocation (GDN-70) (Doors)
DA-4337/CGMP11	0020	\$1,410		11.20 BWG - Revised BAS Room 3N1-14 Layout (Doors)
DA-4337/CGMP12	0032	\$14,056		12.32 Gates Interior Expansion Joints Revision (Decorative Metal)
DA-4337/CGMP12	0033	\$36,043		12.33 Gates Level 4 Piers GIDS Support
DA-4337/CGMP12	0034	\$14,046		12.34 Gates Trespa Wrap for Beam and Duct in Piers
DA-4337/CGMP12	0035	\$21,187		12.35 BWG - Binnacle Skin Conflict with Curtainwall Clip
DA-4337/CGMP12	0036		\$543,827	12.36 BWG - Sterile Corridor Miscellaneous Steel Supplemental Details and Revisions (GDN 133) (Miscellaneous Steel)
DA-4337/CGMP12	0037	\$7,761		12.37 BWG - EVIDS Monitor Shroud Coordination (GDN-150) (Decorative Metals)
DA-4337/CGMP12	0038	\$28,103		12.38 BWG - IEMS Feature F Interim Column Covers (GDN-120R1)
DA-4337/CGMP13	0027	(\$278)		13.27 Gates Interior Expansion Joints Revision (Interior Expansion)
DA-4337/CGMP13	0028	\$173		13.28 BWG - Added Gypsum Board Ceiling at Room 3S3-06 (Painting)
DA-4337/CGMP13	0029	\$7,323		13.29 Gates Gypsum Board on Interior Side of Metal Deck at North Clerestories (Painting)
DA-4337/CGMP13	0030	\$9,279		13.30 BWG - Sterile Corridor Miscellaneous Steel Supplemental Details and Revisions (GDN 133) (Painting)
DA-4337/CGMP13	0031	\$2,910		13.31 Gates Opening 3S4-08B Curb Removal and Detail Clarification (Specialties)
DA-4337/CGMP13	0032	\$1,225		13.32 BWG - EVIDS Monitor Shroud Coordination (GDN-150) (Painting)
DA-4337/CGMP14	0006	\$17,639		14.06 BWG - Revised BAS Room 3N1-14 Layout (Casework)

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

DA-4382/CGMP01	0048	(\$2,178)		01.48 WSA- Credit for Concrete Protection on Communications Ductbank
DA-4382/CGMP01	0049	\$2,363		01.49 WSA Installation of New Handhole to Accommodate Removal of Existing Light Pole
DA-4382/CGMP01	0050	\$2,150		01.50 WSA - Exploratory Work at Continental City for PMB/Asphalt Millings
DA-4382/CGMP01	0051	\$1,283		01.51 WSA - Restrictions on Work Adjacent to FAA Fiber
DA-4382/CGMP01	0052	\$3,263		1.52 ESA Lot C, Rerouting of Unmarked Conduit at Cashier's Booth



### Bradley West Element

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

DA-4382/CGMP01	0053	\$91,401		01.53 IEMS LED Display Shootout
DA-4382/CGMP01	0054	\$30,451		01.54 IEMS Lab Testing
DA-4382/CGMP01	0055	\$4,974		01.55 WSA - Additional Electrical and Communications Work Performed at the Request of ADG and LAWA Inspection
DA-4382/CGMP01	0056	\$15,409		01.56 ESA - Change from Surface Mounted Conduits to Underground, and Other Associated Changes
DA-4382/CGMP01	0057	\$23,369		01.57 WSA - Purchase/Import of PMB Material
DA-4382/CGMP01	0058	\$4,489		1.58 Continental City Drive Mitigation of Existing Uncertified Fill - Restroom Rental and Service
DA-4382/CGMP01	0059	\$5,444		01.59 WSA/ESA Communications Cabinet Vents and Switchboard "A" Door
DA-4382/CGMP03	0055	(\$648,879)		03.55 Administrative Sweep of unspent allowances
DA-4382/CGMP03	0056	\$808		03.56 TPAR - Remediation of TDP-1 Overheating Issues
DA-4382/CGMP04	0091	\$82,312		04.91 Revised Elevator Cab Lighting and Strike Plate
DA-4382/CGMP04	0092	\$23,868		04.92 RENO - CBP Secondary Equipment Removal, Salvage, and Relocation
DA-4382/CGMP04	0093	\$15,346		04.93 RENO CBP Secondary Equipment Removal, Salvage, and Relocation- Additional Electrical and Data Feeds, and X-Ray Equipment Move/Salvage.
DA-4382/CGMP04	0094	(\$1,207,068)		04.94 (Cancels CGMP Rev 04.85)
DA-4382/CGMP04	0095		\$1,207,038	04.95 CD-0513R1 - EDN 026 Temporary Loading Dock Site Restoration
DA-4382/CGMP04	0096	(\$14,568)		04.96 TEE - Existing Opening Infill and Trespa Panel Installation Near gridlines Q/36 and Q/62
DA-4382/CGMP04	0097	\$55,669		4.97 Electrical Panel Board Load Recording Request
DA-4382/CGMP05	0016		\$984,360	05.16 CC-B0 - Window Washing Equipment Coordination, Submittals, Material
DA-4382/CGMP05	0017	\$105,881		05.17 Core Roofing Material Escalation Cost
DA-4382/CGMP06	0123	\$107,058		06.123 Realign Columns on R1 Line and Miscellaneous Framing Changes - CDN-039 (Steel)
DA-4382/CGMP06	0124	(\$213,188)		06.124 Cancels CGMP Rev 06.113
DA-4382/CGMP06	0125	\$18,659		06.125 BWC Structural Floor Beam Upgrades for MEP/FP Loads
DA-4382/CGMP06	0126		\$157,543	06.126 BWC - Revised Welding and Added DBA's at Edge of Deck Bent Plate
DA-4382/CGMP06	0127	\$64,897		6.127 Recycling Room Foundation - CDN-063 (Partial) and CDN-063R1
DA-4382/CGMP06	0128	\$31,737		06.128 Added Mobilization for Interstitial Steel Installation
DA-4382/CGMP06	0129	\$1,228		6.129 6" Vent Conflict with Ductwork at Gridlines X6 and Y1-2 (Steel)
DA-4382/CGMP06	0130	\$30,118		6.130 RFI-2875 - Level 1 Area C5 Electrical Wall Blockout Locations at Gridlines 59/NE3.7
DA-4382/CGMP06	0131	\$2,653		06.131 BWC - Fresh Air Duct at G-148 for Future Tenant (Concrete)

### Bradley West Element

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

DA-4382/CGMP06	0132		\$196,322	06.132 BWC RE: Changes and Clarifications at Level 3 Elevated Slabs
DA-4382/CGMP06	0133	\$4,661		06.133 Core Curtainwall(Sub 444-BWC-1) and Slab Revision
DA-4382/CGMP06	0134	\$28,715		6.134 RFI-2834 - Y9 Wall Structural Steel and Concrete Header
DA-4382/CGMP06	0135	\$3,401		6.135 Core Changes to Sterile Corridor Embeds (CDN-087) (Concrete)
DA-4382/CGMP06	0136	\$48,976		6.136 CDN-185: Concrete Openings in Shear Walls Near Gridlines SE4/58 and SE2/60
DA-4382/CGMP06	0137	\$42,277		06.137 BWC - Added Structural Steel Framing at Roof for Clerestory Curtain Wall
DA-4382/CGMP06	0138	\$22,156		06.138 BWC - Primary Steel and Misc. Metals Changes Based on Supplemental QA
DA-4382/CGMP07	0020	\$460		07.20 Core Seventh (7th) Floor Embed at Gridline X13 and Y9 Missing Structural Wide Flange Beam
DA-4382/CGMP07	0021	\$135,076		07.21 Core Curtain Wall (Sub 444 BWC-1) and Slab Revision - CD 136
DA-4382/CGMP07	0022	\$2,986		07.22 RFI 4555 - BWC Ext - Backup Steel, Embed and Column Conflict at C20 and Y7
DA-4382/CGMP08	0140		\$160,095	08.140 (Cancels 08.107)
DA-4382/CGMP08	0141	\$2,592		08.141 BWC RFI-1643 Response Item #2-75 KVA Transformer Secondary Feeder Size
DA-4382/CGMP08	0142	\$691		08.142 RFI-4051 Plumbing Vent in Make-Up Air Shaft With Stud Furring to Encase Pipes at Level 3 (BIM and Plumbing)
DA-4382/CGMP08	0143	\$1,932		08.143 RFI-2395 PF-C1 Increase in Fan Size
DA-4382/CGMP08	0144		\$195,767	08.144 Core Smoke Damper Gutter Detail (ADG RFI 0005) (Plumbing)
DA-4382/CGMP08	0145	\$7,832		8.145 RFI 1774 Comm - Telecom Conduits South Concourse/TR 4C5-20 (Engineering, CAD, Estimating)
DA-4382/CGMP08	0146	\$10,885		08.146 BWC BIM OT March 28, 2011 through April 23, 2011
DA-4382/CGMP08	0147	\$12,433		8.147 BIM OT May 16, 2011 through June 4, 2011
DA-4382/CGMP08	0148	\$15,301		8.148 OT BIM July 11, 2011 through July 31, 2011
DA-4382/CGMP08	0149	\$8,087		8.149 Incorporate Permit Review Comments: Architecture, Life Safety, Miscellaneous Steel, Fire Protection, and Civil (CDN-079)
DA-4382/CGMP08	0150	\$1,072		8.150 6" Vent Conflict with Ductwork at Gridlines X6 and Y1-2 (Plumbing)
DA-4382/CGMP08	0151	\$24,160		08.151 BWC OT (6/6/2011 thru 6/27/2011) Detailing- Electrical (Dyna)
DA-4382/CGMP08	0152	\$10,703		08.152 BWC BIM OT 4/25/2011 thru 5/15/2011
DA-4382/CGMP08	0153	\$23,813		08.153 RFI 3135- BWC COMM Conduit Conflict with Structural Steel Level 5, Area 8
DA-4382/CGMP08	0154	\$55,186		08.154 BWC - Fresh Air Duct at G-148 for Future Tenant (HVAC)
DA-4382/CGMP08	0155	\$9,641		08.155 BWC - Fresh Air Duct at G-148 for Future Tenant (Electrical)
DA-4382/CGMP08	0156	\$24,936		08.156 CDN 175 VSS Power Injector Specification Change
DA-4382/CGMP08	0157	\$18,895		8.157 PBB Foundation Grounding (Gate 148)

### Bradley West Element

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

DA-4382/CGMP09	0031	\$41,817		09.31 Core Smoke Damper Gutter Detail (ADG RFI 0005) (Framing)
DA-4382/CGMP09	0032	\$85,325		9.32 BWC - Elevator Guiderail HSS Vertical Structural Steel and Mechanical Penthouse Steel Framing Revisions
DA-4382/CGMP09	0033	\$119,201		09.33 Core CMU to Concrete Wall Connection
DA-4382/CGMP09	0034	\$2,699		9.34 Incorporate Permit Review Comments: Architecture, Life Safety, Miscellaneous Steel, Fire Protection, and Civil (CDN-079) (Misc Metals)
DA-4382/CGMP09	0035	\$40,530		9.35 Core 8" CMU Wall Reinforcing At Level 1
DA-4382/CGMP09	0036		\$395,146	9.36 BWC - Steel Roof Deck Supports and Gutter Ends - CDN-89
DA-4382/CGMP09	0037	\$1,432		09.37 Core CMU Veneer at GL X7/Y4 Column Wrap
DA-4382/CGMP10	0010	\$5,673		10.10 Core Fireproofing Revision at Beam Opening in pier 148
DA-4382/CGMP12	0032	\$623		12.32 Core Utility and Mechanical Rooms Hardware set
DA-4382/CGMP12	0033		\$251,451	12.33 Level 5 Paperless Drywall
DA-4382/CGMP12	0034	\$7,985		12.34 Core Fasteners Change at Stainless Steel Door Closers
DA-4382/CGMP13	0018	\$2,432		13.18 RFI-4051 Plumbing Vent in Make-Up Air Shaft With Stud Furring to Encase Pipes at Level 3 (Interiors)
DA-4382/CGMP13	0019	\$33,468		13.19 Core Column Detail Clarification at Level 4 of Area C7(Decorative Metals)
DA-4382/CGMP13	0020	(\$8,648)		13.20 Core Column Detail Clarification at Level 4 of Area C7
DA-4382/CGMP13	0021	(\$6,338)		13.21 Incorporate Permit Review Comments: Architecture, Life Safety, Miscellaneous Steel, Fire Protection, and Civil (CDN-079) (Interiors)
DA-4382/CGMP13	0022	(\$1,742,203)		12.22 Administrative Sweep of unspent allowances
DA-4382/CGMP14	0019	\$2,463		14.19 Core Column Detail Clarification at Level 4 of Area C7(Painting)
DA-4382/CGMP14	0020	\$598		14.20 Incorporate Permit Review Comments: Architecture, Life Safety, Miscellaneous Steel, Fire Protection, and Civil (CDN-079) (Painting)
DA-4382/CGMP14	0021	\$649		14.21 Core Curtain Wall (Sub 444 BWC-1) and Slab Revision - CD 136
DA-4382/CGMP15	0004	\$2,212		15.04 Core CBP Booth Mock-Up Move From Arrivals to IWBT per ADG and CBP

## CHANGE ORDERS - Continued as of 3/31/2012

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>CUP Replacement Element</b>							
<b>Landside Element</b>							
<b>Residential/Soundproofing Element</b>							
<b>Terminal Element</b>							
<b>T001A - ELEVATORS AND ESCALATORS REPLACEMENT</b>							
	DA-4344		0013	\$5,685			Provide Class A Field Office Trailer for LAWA Staff; Provide all utilities and weekly janitorial service for LAWA Field Office Trailer; Provide 3 storage containers for LAWA modular barricade storage; From January 1, 2012 to May 31, 2012.
	DA-4371		0011	\$54,174			Expedite issuance of LADBS permits for GC2. New code compliance.

### Bradley West- Gates

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE )	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$29,375,009	\$0	\$29,375,009	4.73%
DOCUMENT CORRECTION	\$18,507,163	\$1,999,612	\$20,506,775	3.30%
FIELD CONDITIONS	\$7,416,495	\$955,546	\$8,372,041	1.35%
OWNER BETTERMENT	\$4,408,195	\$674,565	\$5,082,760	0.82%
CODE REQUIREMENT	\$1,749,074	\$59,056	\$1,808,130	0.29%
<b>TOTAL</b>	<b>\$61,455,936</b>	<b>\$3,688,779</b>	<b>\$65,144,715</b>	<b>10.48%</b>

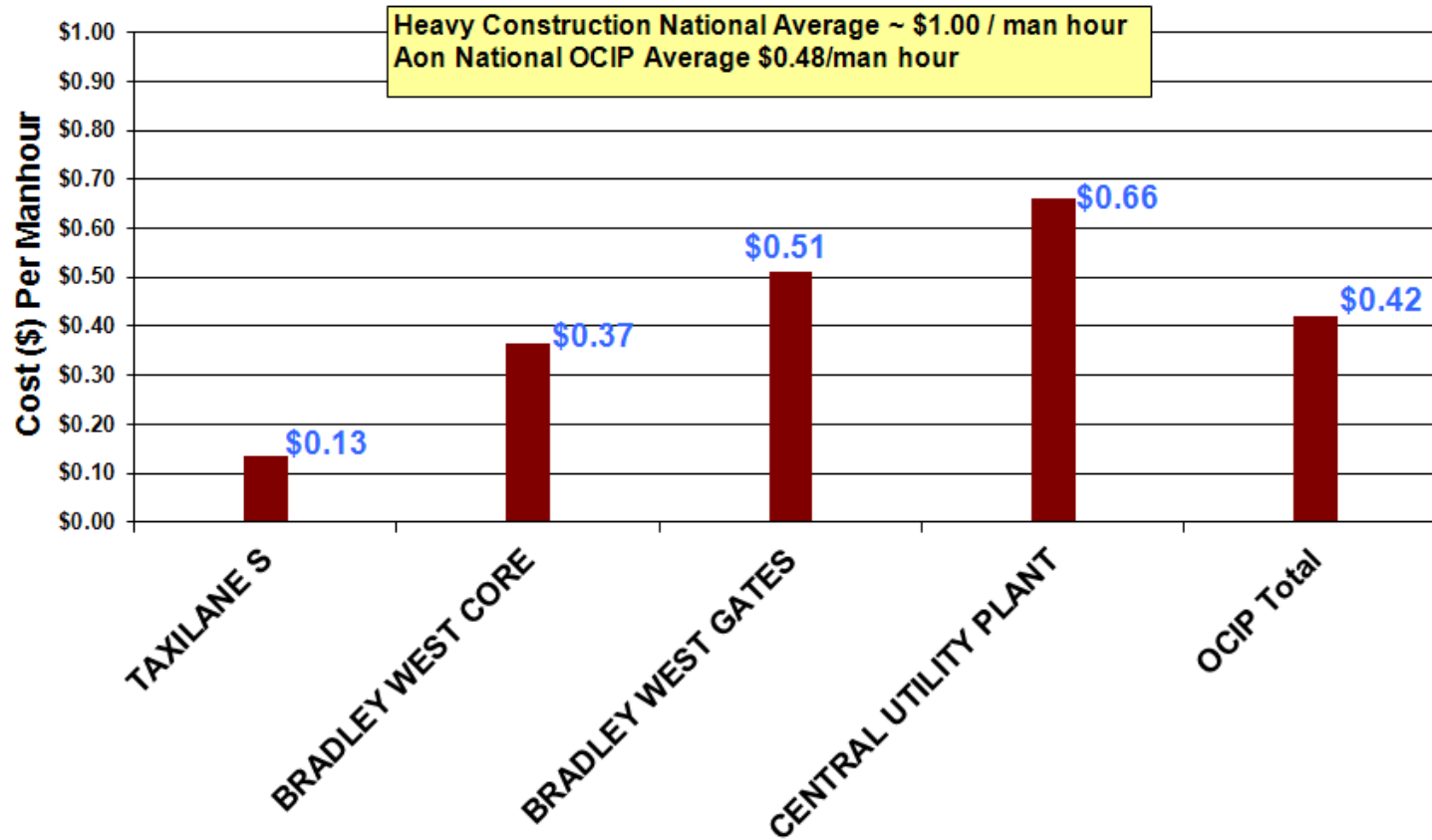
\*Base Contract Value = \$621,550,000

### Bradley West- CORE

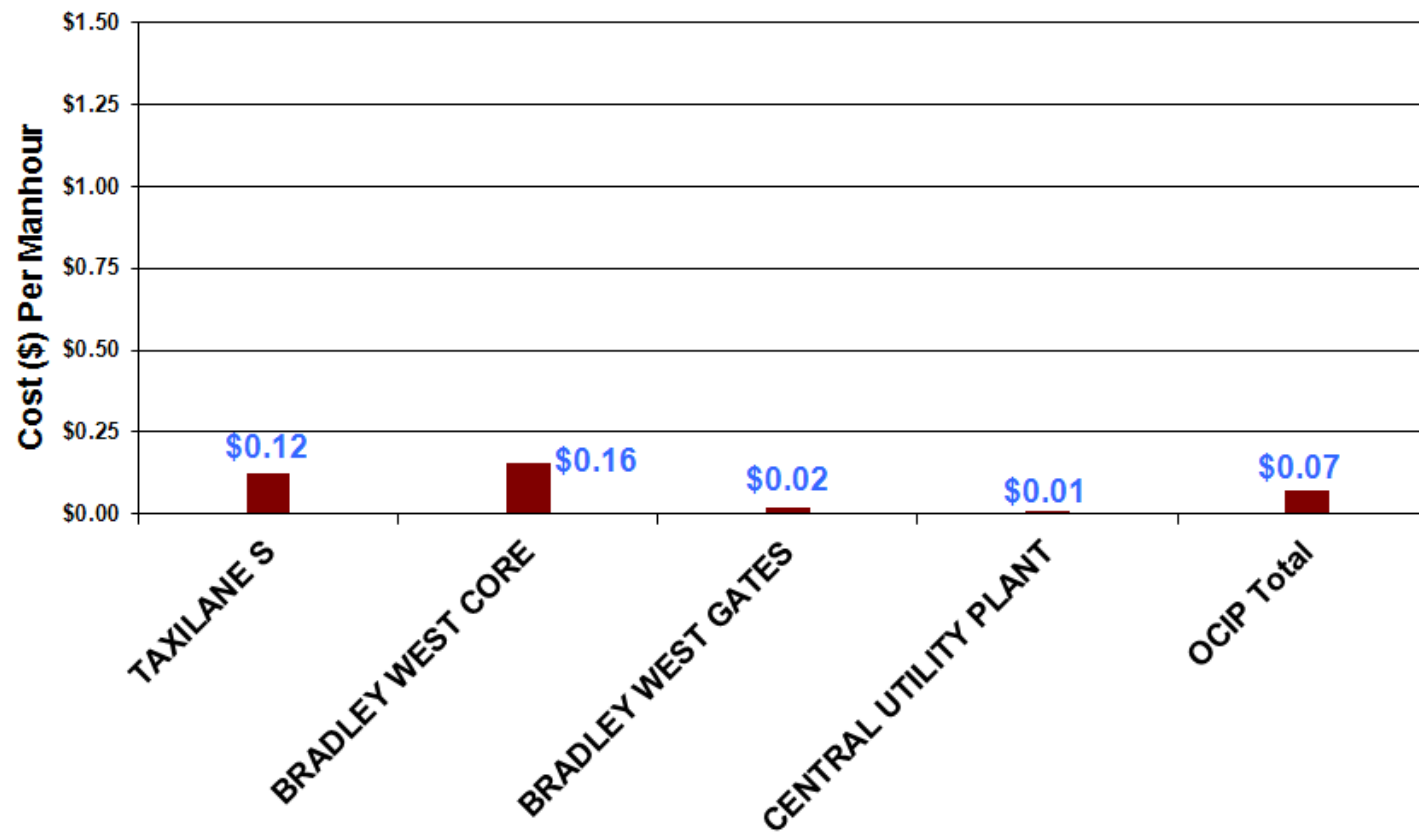
CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE )	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$28,523,151	\$0	\$28,523,151	4.58%
DOCUMENT CORRECTION	\$8,601,057	\$1,561,479	\$10,162,536	1.63%
FIELD CONDITIONS	\$5,656,202	\$1,562,055	\$7,218,257	1.16%
OWNER BETTERMENT	\$22,480,765	\$308,865	\$22,789,630	3.66%
CODE REQUIREMENT	\$5,239,103	\$8,568	\$5,247,671	0.84%
<b>TOTAL</b>	<b>\$70,500,278</b>	<b>\$3,440,967</b>	<b>\$73,941,245</b>	<b>11.88%</b>

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

**LAWA OCIP Workers Compensation Loss Performance**  
 - as of February 29, 2012 -

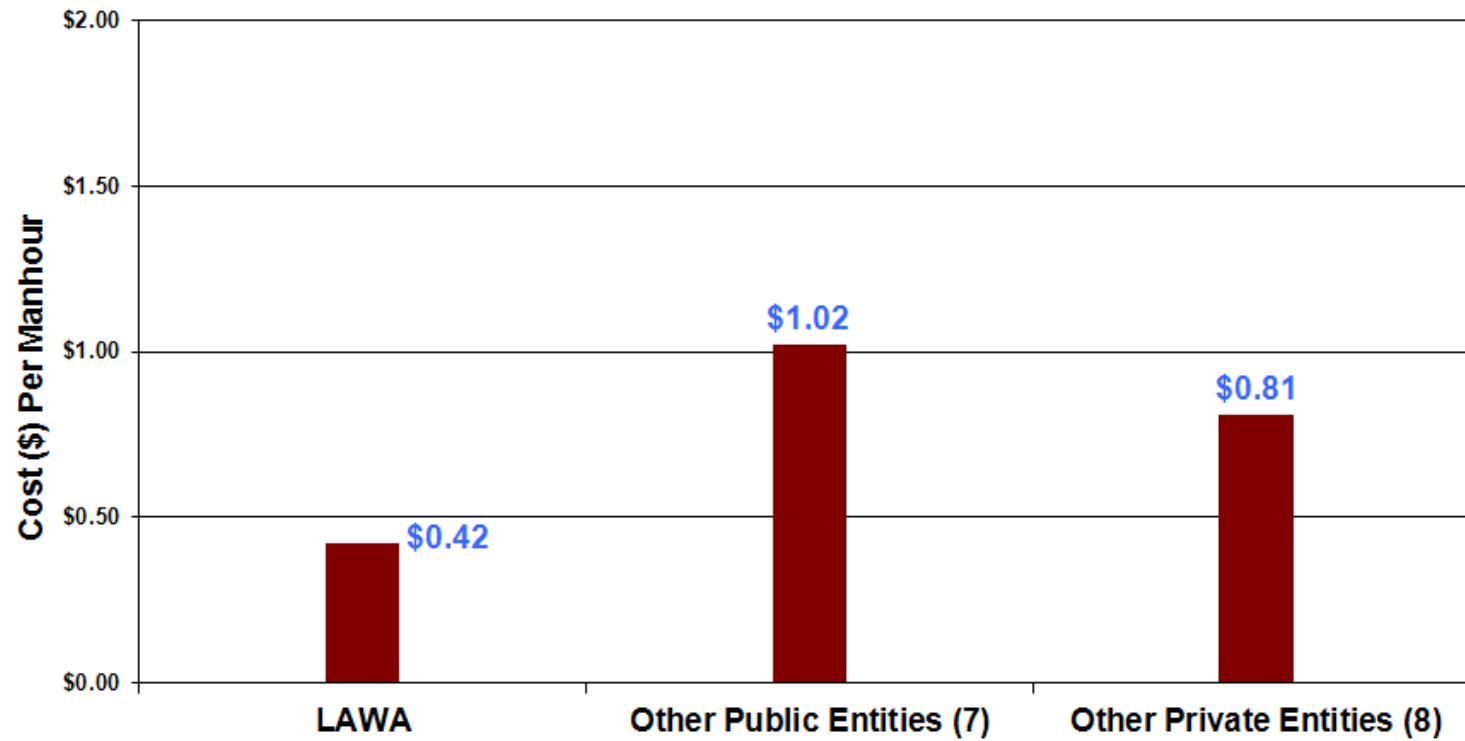


**LAWA OCIP General Liability Loss Performance**  
- as of February 29, 2012 -





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



## MWBE/DBE Subcontractor Utilization Summary Report as of 3/31/2012

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 %	20.86 %			
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 %	31.29 %	N/A %			
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10 %	14.19 %	N/A %			
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00 %	2.02 %	N/A %			
Fentress Architects	DA-4274	DBE	9.30 %	14.51 %	6.53 %			
Flatiron West, Inc.	DA-4398	DBE	1.00 %	NA %	4.33 %			
Griffith Company	DA-4338	M/WBE	6.60 %	6.00 %	N/A %			
Hatch Mott MacDonald, LLC	DA-4275	DBE	20.20 %	N/A %	19.96 %			
Hellmuth, Obata + Kassabaum, Inc.	DA-4313	M/WBE	25.00 %	38.22 %	N/A %			
Jacobs Project Management Co.	DA-4417	M/WBE	25.00 %	17.71 %	N/A %		MBE subcontractor approval in process.	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00 %	6.95 %	N/A %		Limited scope of work authorized to date.	
Kimley-Horn and Associates	DA-4555	DBE	20.00 %	N/A %	3.40 %		In Mobilization - Limited Scope.	
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00 %	62.55 %	N/A %			
Paslay Management Group	DA-4324	M/WBE	10.00 %	19.30 %	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 %	16.38 %	N/A %			
W.E. O'Neil	DA-4371	M/WBE	6.80 %	10.13 %	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 %	17.61 %	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 %	19.46 %	N/A %			
<b>Total Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>13.57%</b>	<b>3.86%</b>			
<b>Total Combined Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>17.43%</b>				

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