



# Airports Development

Executive Management

Program Status Report

February 29, 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**

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

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

Contractor has completed installation of mainline fuel system.

Continued underground utility work adjacent to Post 5 and began grading for new checkpoint and road.

Contractor has completed base material and pavement of econcrete in the Taxiway E area.

Contractor has begun concrete pavement on the ramp and Taxiway E areas.

Overall construction progress is 82% complete.

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

### **Budget Status**

Project is within budget and is being closely monitored.

### **Schedule Status**

- \* Taxiway T opened on September 27, 2011.
- \* Taxiway D opened on October 4, 2011.
- \* Taxilane S opened on November 17, 2011.
- \* Taxiway E is anticipated to open in March 2012.
- \* Ramp pavement west of Bradley West Terminal and adjacent to Taxilane S is anticipated to complete in March 2012.
- \* New Security Post #5 is anticipated to open in May 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.

The construction of Taxiway T has been split into a two-phase project to delay the demolition of the TWA until the tenants can be relocated. The first Phase 1 project will 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 Taxilane T was awarded to Kimley Horn & Associates on November 15, 2010; and the 95% design documents were submitted and are currently in review. LAWA is evaluating various Taxiway T phasing options.

### **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**

Design is anticipated to complete in April, 2012.



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

### Issues

The FAA has indicated a desire to construct all of Taxiway T at one time, instead of the new planned phased project approach.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 30% complete.

The team is preparing a Request for Proposals (RFP) for a design consultant for this project and the Runway 25R and Taxiway B Reconstruction and Taxiway C expansion.

### **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 the 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**

The Board is scheduled to award the construction contract to Sully-Miller Contracting on March 5, 2012.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is progressing on schedule.

### **Issues**

None at this time.

## **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 concrete (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 in Work Areas 2 and 3 due to failure of initial AC test strip. The contractor has submitted a recovery schedule to complete project on schedule.

### **Issues**

Both AC pavement test sections were not approved. Contractor has resubmitted AC mix design and the AC test strip placed on February 28, 2012 has passed.

## **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 of electrical equipment and materials.

Construction continues at 98% complete.

### **Budget Status**

This project is anticipated to complete on budget.

### **Schedule Status**

Contract is scheduled to end on May 24, 2012.

### **Issues**

A recommendation to extend the construction contract duration is being prepared for a March 2012 Board meeting.

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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.  
Mechanical / Electrical Room Build-Out; Temporary Chiller/Boiler Plant is ongoing.  
North & South Concourse MEP (Mechanical, Electrical & Plumbing) work continues.  
Work on the North Apron & the Bus Gate Connector continues.  
North & South Concourse finish work in Holdroom and Departure areas moves forward.  
Installation of Finished Roof Panels on North Concourse is underway.  
Curtainwall installation on the South Concourse continues.  
Enclosures on North and South Piers is on going.

### **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**

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

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

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

### **Issues**

\* LAWA/ADG and WAJV have engaged in collaborative schedule workshops to jointly develop a rebaseline schedule for the Bradley West Program. Negotiations are currently underway to finalize a Change Order that will adjust the current contract schedule milestones. Update to follow.



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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 85% complete.

### **Construction Progress**

Slab on Grade Pours is complete.  
MEP (Mechanical, Electrical & Plumbing) work is underway in Areas 1 & 2.  
Steel Erection is complete; Welding & Alignment are ongoing.  
Metal Decking and Fixes are on going in all areas.  
Slab on Metal Deck pours continue.  
Back up Steel installation is ongoing.  
Fireproofing on all levels is progressing.

### **Budget Status**

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

### **Schedule Status**

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

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

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

### **Issues**

\* LAWA/ADG and WAJV have engaged in collaborative schedule workshops to jointly develop a rebaseline schedule for the Bradley West Program. Negotiations are currently underway to finalize a Change Order that will adjust the current contract schedule milestones. Update to follow.

## **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.

Department of Public works Bureau of Contract Administration issued the Final Statement of Completion December 27, 2012.

Closeout phase has been completed. Notice of Completion was filed with the County on February 14, 2012.

### **Budget Status**

This project was completed under budget.

### **Schedule Status**

This project is completed.

### **Issues**

None.

## **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 is approximately 95% complete. Ongoing discussions with CMJV and their underground piping subcontractor to simplify piping vault design continue. A foundation only permit was issued for the Cooling Tower / Maintenance Building design package, allowing start of preparations to pour the foundation. The 60% Site Utility package (East Half), 60%, the West Half Electrical Utilities and the 60% Site Utility Grading and Traffic are all in review. Comments are due in March 2012. The TES 90% package is also in review, with comments due in mid-March 2012.

Review by the Los Angeles Department of Building and Safety of deferred submittals from the building package continues. A number of packages have been initially approved. Supplemental information for seismic bracing for the Gas Turbine Skid and building is being reviewed. Other key items in LADBS review are elevators, cranes, metal framing and fire protection sprinklers. With the exception of the elevators, these packages are expected to be approved during March 2012.

The 90% process design package was reviewed by LAWA and returned to CMJV with comments. Work on this package is ongoing, but completion is anticipated in late April 2012, due to the need to complete sequence of operation documents, which are dependent on vendor data.

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

### Construction Progress

With the completion of the structural steel erection at the end of January 2012, additional trades are now able to work safely within the footprint of the new CUP. During the month of February 2012 electrical trade contractors and concrete trades have significantly increased their on-site presence. Grade beam rebar installation and formwork are now well underway with CMJV placing concrete for three partial grade beams and a second-level slab on deck pour. The electrical trades have laid out a significant portion of their underground conduit runs with vertical risers landing within the perimeter of the future CUP electrical room. Portions of the underground conduit installation were encased in concrete prior to the end of February 2012.

Work continues within the footprint of the new cooling tower to demolish abandoned utilities and to relocate active utilities. The 48" condenser water piping is currently being relocated with a cut-over from the existing condenser water piping to the new temporary piping scheduled to occur during the first week of March 2012. CMJV anticipates they will commence drilling the cooling tower foundation piers before the end of February 2012.

Underground electrical work has commenced in the IS-5119 area immediately south of the existing IS-2299. The electrical contractor is building the labyrinth of underground conduit required to distribute power from the new IS-5119 to the new CUP. LADWP has visited the site on a couple of occasions to ensure the conduit installation is complying with their requirements. LADWP took delivery from Delta Star of the first of two temporary mobile substations at their local yard in El Segundo. The second trailer is anticipated to be delivered before the end of February or early March 2012.

The terminal pump room isolation spool piece installation was completed by CMJV in February 2012 with the exception of the TBIT pump room. Miscellaneous tasks such as reinstalling the piping insulation, installation of temperature wells and installation of various gauges remain to be completed. The Theme Building, Admin East and TBIT will all be completed in early March 2012. CMJV is preparing to commence their pump room code compliance survey. Coordination with LADBS will be critical to the success of the survey and eventual acceptance of the work.

Utility distribution work began in Area D3 (west end of Center Way North) at the beginning of February 2012. The contractor completed the shoring installation as required for the construction of Vault V2. The shoring installation for the remainder of the D3 work area continues to be installed. The contract required new domestic water piping was installed in this area. Further utilities and distribution piping will continue through May 2012.

The contractor made significant progress on the construction of the new industrial station 5205 through February 2012. The trenching and duct bank installation is complete. Some very short sections of conduit remain to be installed for final connection to the underground vault and to PC 3 as well as a piece of overhead conduit in PS-5. The construction of the housekeeping pad, cable pulls and the setting of the electrical gear are all scheduled for installation in March 2012.

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

### **Budget Status**

This project is tracking to budget.

### **Schedule Status**

CMJV's schedule update was submitted for January 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.

Several longer duration shutdowns as discussed in the December 2011 report were successfully completed in January 2012. CMJV successfully completed a shutdown associated with the cooling tower condenser water. This shutdown impacted the chilled water availability to every terminal. The team closely coordinated this shutdowns with the various stakeholders; resulting in little visibility to the traveling public. Similar shutdowns will continue throughout the CUP construction.



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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The design contract was awarded to Atkins North America Inc., on December 15, 2011. The Task Order to prepare the Structural Rehabilitation Strategy Report (SRS) was issued in February 2012.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

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

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

See issues.

### **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**

The contractor has mobilized to the jobsite and completing remaining mobilization activities. The contractor is scheduled to begin construction activities on the first three zones on March 5, 2012.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

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

Notice to Proceed was issued on October 31, 2011.

Notice to Proceed for Field Construction issued on February 13, 2012.

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.

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is complete.

### **Construction Progress**

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

The Notice to Proceed was issued in September 2011.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

NTP was issued September 29, 2011.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Not applicable.

### **Design Progress**

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

### **Construction Progress**

Currently there are six construction contracts ongoing.

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

### **Budget Status**

This project is trending to complete on budget.

### **Schedule Status**

This project is on track to be completed in 2012.

### **Issues**

None at this time.

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

### **Project Description**

This project replaces the existing, outdated, noncompliant Fire Life Safety Systems in Terminals 1 (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; and Administrative Notice-to-Proceed was issued in October 2011.

Construction work at Terminal 1 started February 22, 2012.

### **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 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 38%. Three units are being installed, eight 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 - No construction contracts awarded.

### **Budget Status**

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

### **Schedule Status**

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

### **Issues**

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

---

## 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 - 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 7L/25R and Taxiway B. The project also includes the east end realignment and extension of Taxiway C.

### **Issues**

The 30% design submittal is 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. The project scope includes hazardous material survey and abatement, demolition of structures, legal disposal of demolition debris; all regulatory notifications; 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 underway.

---

## 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 hazmat abatement, demolition of existing facilities, grading, striping, signage, and installation of lights, hydrants, fences and gates.

### **Issues**

The Project Definition phase is underway.

---

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

### **Project Description**

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

### **Issues**

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

---

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

### **Project Description**

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

### **Issues**

The Project Definition phase is underway.

---

## WORK IN PROGRESS - Terminal 3 Backfill Project (T015A)

### **Project Description**

This project seeks to enliven the passenger experience within Terminal 3. The terminal area will be refreshed with new terrazzo flooring and an architecturally bold ceiling statement. The satellite departure area will also be enhanced with a new architecturally bold ceiling statement. The connector area will be freshened so as to seamlessly knit the terminal and satellite into a single harmonious experience. Other terminal renovations will be undertaken in concert with the Concessions Upgrade Program.

### **Issues**

The project definition phase is underway.

---

## WORK IN PROGRESS - 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.

### **Issues**

The Project Definition is nearing completion.

---

## WORK IN PROGRESS - 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.

### **Issues**

The project definition phase is nearing completion.



---

## PROGRAM MASTER SCHEDULE OVERVIEW

### User's Guide - Schedule

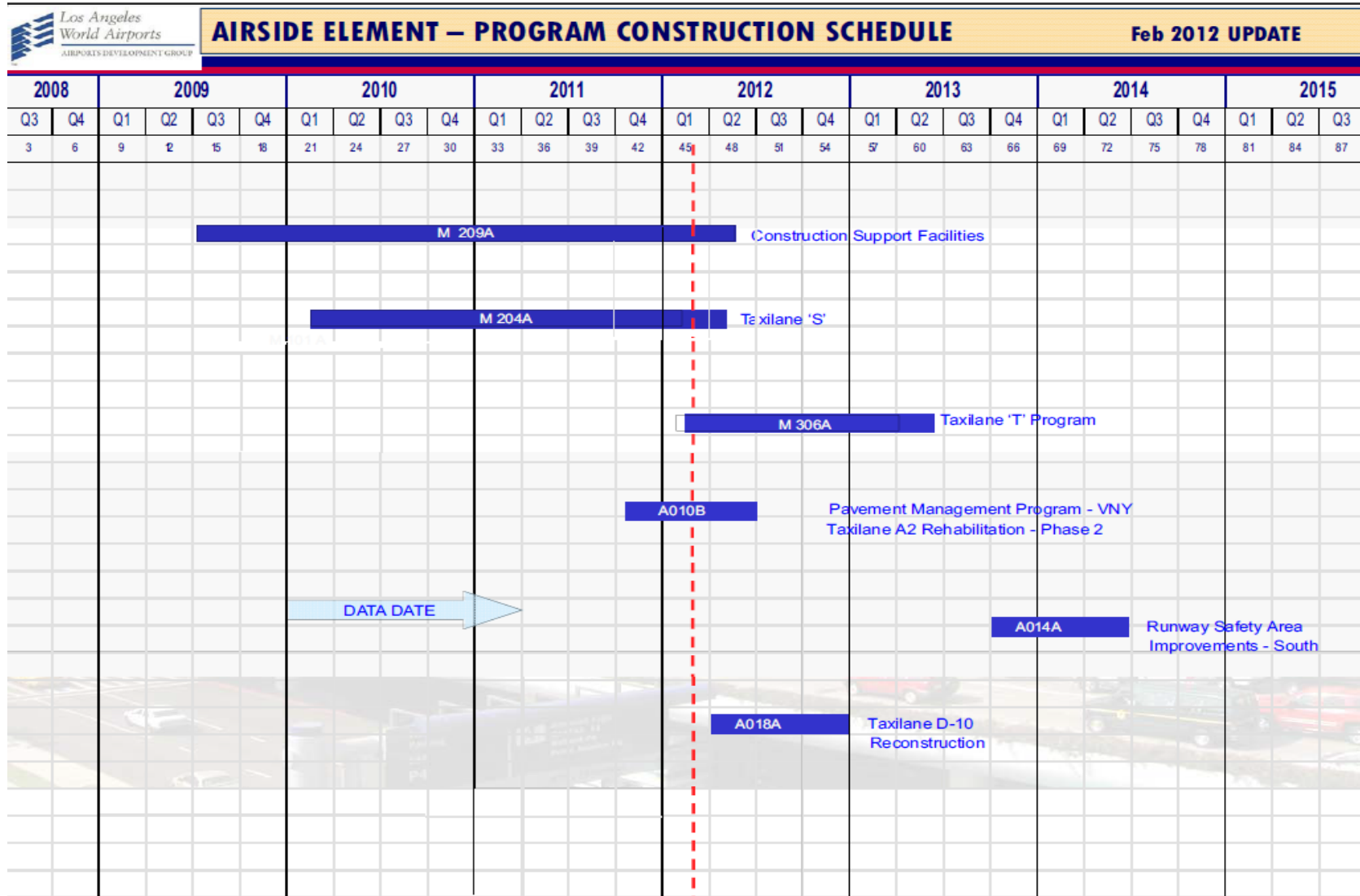
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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

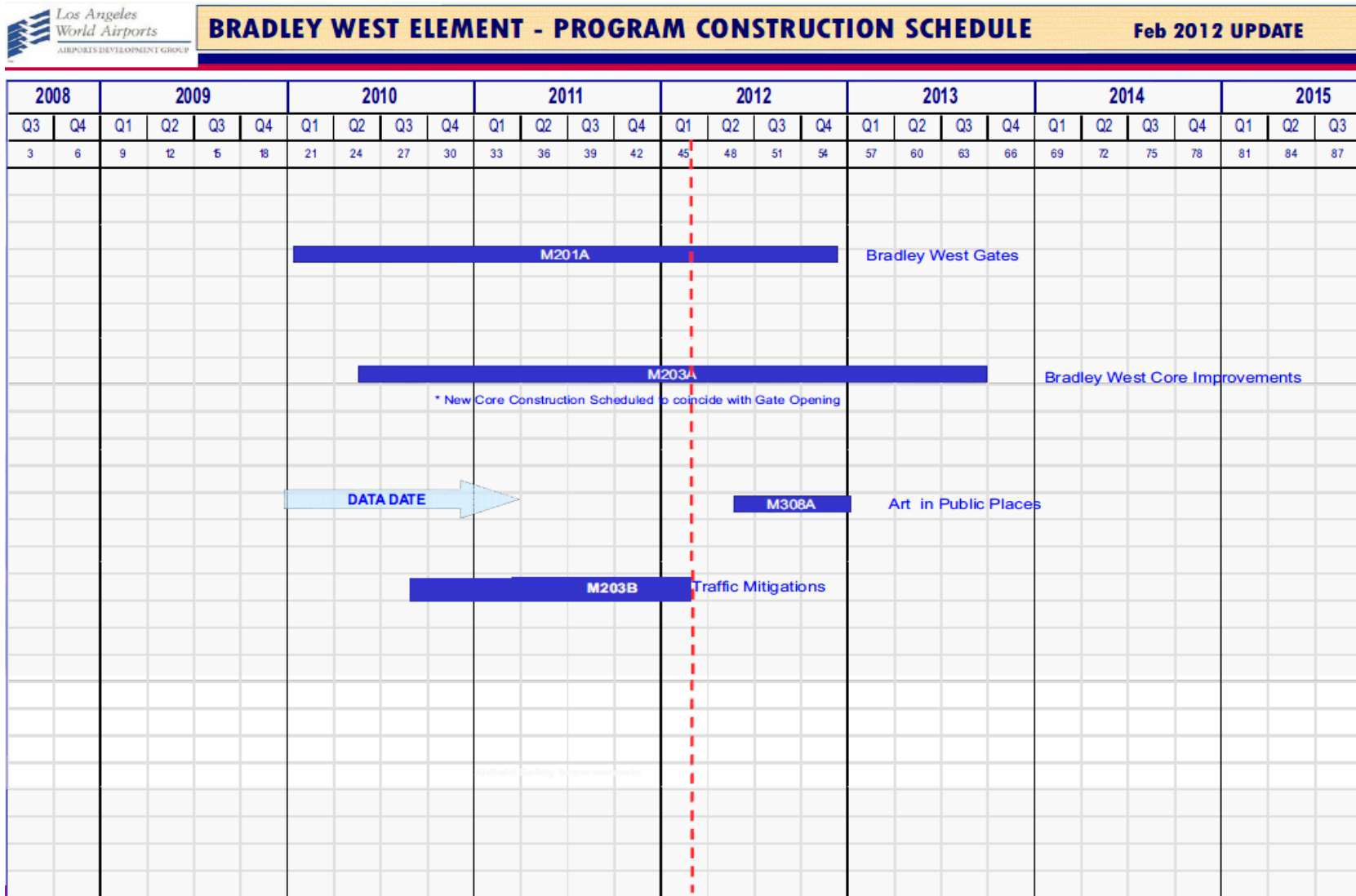
**Project Schedule Bar** - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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



# PROGRAM MASTER SCHEDULE - Continued



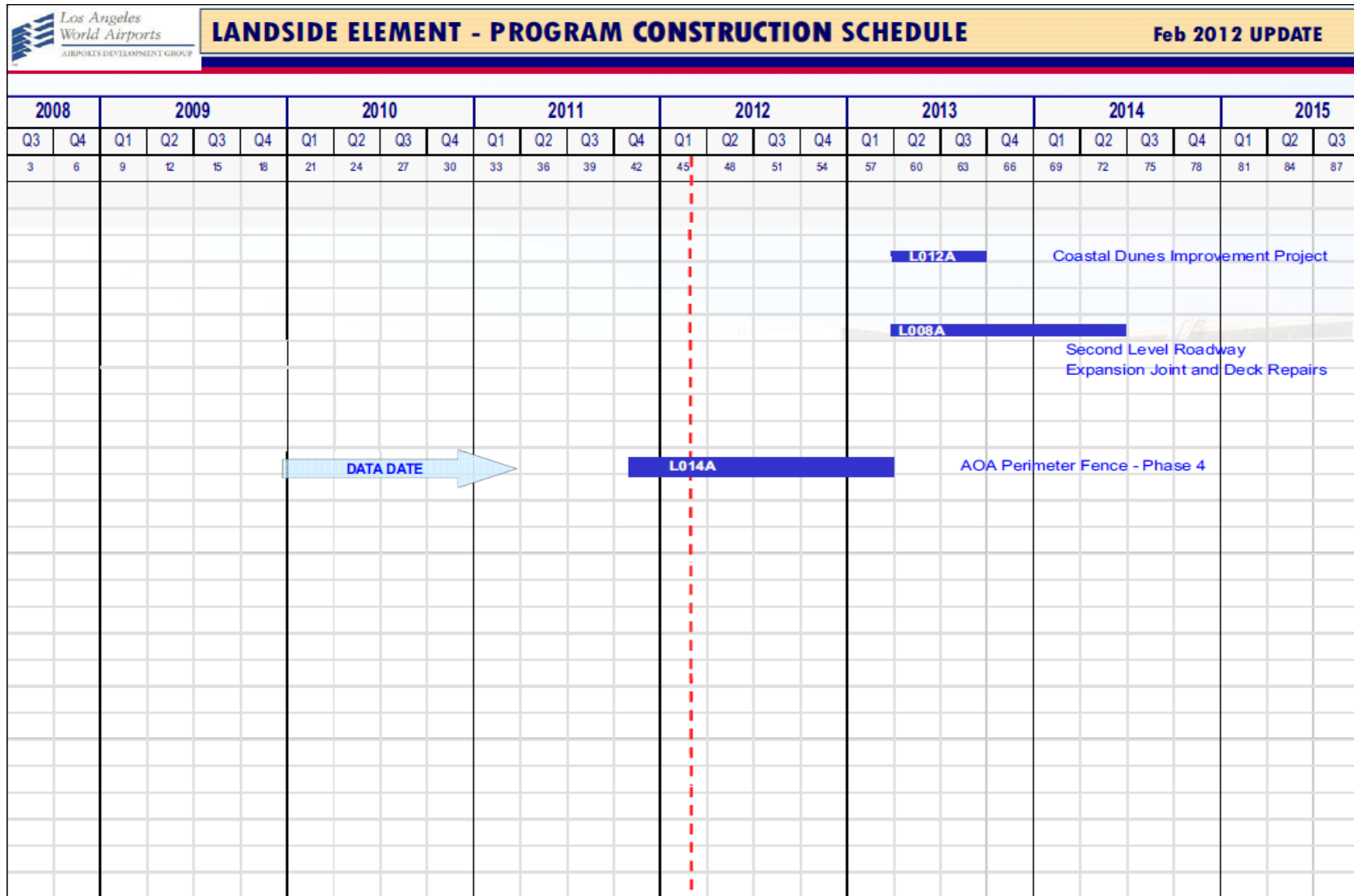
# PROGRAM MASTER SCHEDULE - Continued





# PROGRAM MASTER SCHEDULE - Continued

2008		2009				2010				2011				2012				2013				2014				2015		
		Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87
														 <p>C 001A Central Utility Plant (CUP) Replacement</p>														
														 <p>DATA DATE</p>														

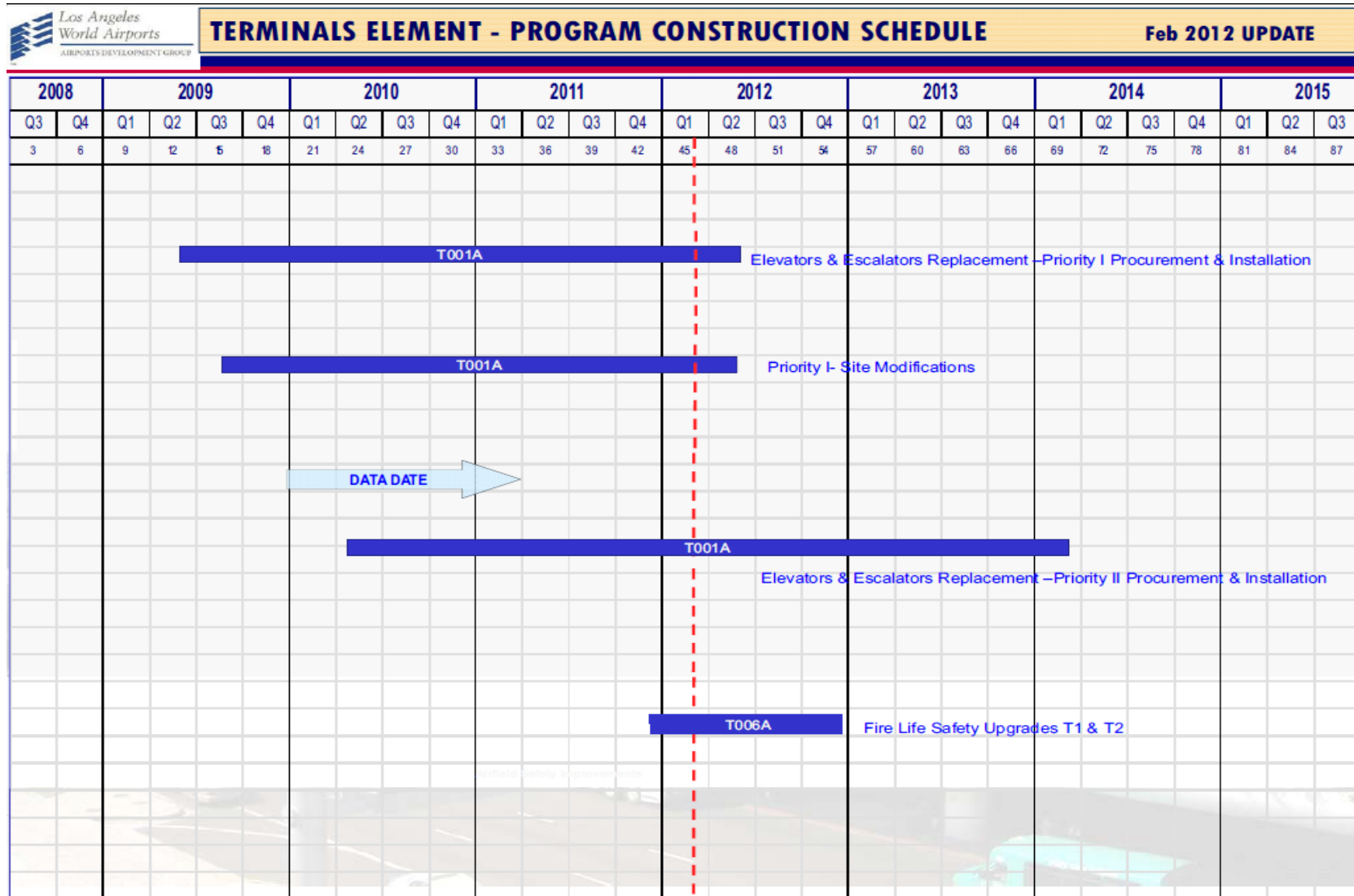
## PROGRAM MASTER SCHEDULE - Continued



# PROGRAM MASTER SCHEDULE - Continued

 <b>RESIDENTIAL/ SOUNDPROOFING ELEMENT- PROGRAM SCHEDULE</b> <span style="float: right;"><b>Feb 2012 UPDATE</b></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 )														
																												

# 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 2/29/2012

(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	341,579	383,033	190,141	144,569	361,778	21,254	40%	17%
Bradley West Element	1,723,740	1,764,923	1,256,675	777,741	1,733,304	31,621	45%	21%
CUP Replacement Element	423,835	423,835	333,864	104,396	374,563	49,271	28%	9%
Landside Element	28,406	28,406	8,461	463	27,348	1,058	2%	0%
Residential/Soundproofing Element	181,317	161,317	152,195	144,390	161,214	103	90%	0%
Terminal Element	275,300	245,282	106,030	61,263	209,485	35,796	29%	24%
<b>Subtotal</b>	<b>2,974,177</b>	<b>3,006,796</b>	<b>2,047,366</b>	<b>1,232,822</b>	<b>2,867,692</b>	<b>139,103</b>	<b>43%</b>	<b>18%</b>
Unallocated Contingency	N/A	327,739	0	0	N/A	N/A	N/A	N/A
<b>Subtotal</b>	N/A	<b>3,334,535</b>	<b>2,047,366</b>	<b>1,232,822</b>	N/A	N/A	N/A	N/A
Work in Progress	N/A	0	5,492	1,265	N/A	N/A	N/A	N/A
<b>Program Total</b>	N/A	<b>3,334,535</b>	<b>2,052,858</b>	<b>1,234,087</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 2/29/2012

(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	150,933	126,224	159,661	2,380	79%	43%
M306A	Taxilane 'T'	96,577	156,285	28,231	9,797	142,408	13,876	7%	0%
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	1,046	1,046	41,159	2,078	3%	0%
A018A	Taxilane D-10 Reconstruction	9,062	9,062	2	2	8,104	958	0%	0%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,353	780	2,723	210	29%	0%
M209A	Construction Support Facilities	14,790	9,475	7,576	6,720	7,723	1,752	87%	33%
<b>Airside Element Total</b>		<b>341,579</b>	<b>383,033</b>	<b>190,141</b>	<b>144,569</b>	<b>361,778</b>	<b>21,254</b>	<b>40%</b>	<b>17%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## BRADLEY WEST ELEMENT BUDGET REPORT

as of 2/29/2012

(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	906,474	908,399	712,743	488,178	899,118	9,281	54%	40%
M203A	Bradley West Core Improvements	808,364	848,689	536,421	284,475	826,675	22,015	34%	0%
M203B	Construction Traffic Mitigations	3,542	2,475	2,151	2,088	2,151	325	97%	2%
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>1,723,740</b>	<b>1,764,923</b>	<b>1,256,675</b>	<b>777,741</b>	<b>1,733,304</b>	<b>31,621</b>	<b>45%</b>	<b>21%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## CUP REPLACEMENT ELEMENT BUDGET REPORT

as of 2/29/2012

(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	333,864	104,396	374,563	49,271	28%	9%
<b>CUP Replacement Element Total</b>		<b>423,835</b>	<b>423,835</b>	<b>333,864</b>	<b>104,396</b>	<b>374,563</b>	<b>49,271</b>	<b>28%</b>	<b>9%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## LANDSIDE ELEMENT BUDGET REPORT

as of 2/29/2012

(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	2,742	42	18,500	400	0%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	518	317	2,780	220	11%	0%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	5,201	104	6,068	438	2%	0%
<b>Landside Element Total</b>		<b>28,406</b>	<b>28,406</b>	<b>8,461</b>	<b>463</b>	<b>27,348</b>	<b>1,058</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 2/29/2012

(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	151,165	144,390	160,000	0	90%	0%
<b>Residential/Soundproofing Element Total</b>		<b>181,317</b>	<b>161,317</b>	<b>152,195</b>	<b>144,390</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 2/29/2012

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,084	670	3,679	577	18%	0%
T001A	Elevators and Escalators Replacement	270,000	241,026	102,946	60,593	205,806	35,219	29%	26%
<b>Terminal Element Total</b>		<b>275,300</b>	<b>245,282</b>	<b>106,030</b>	<b>61,263</b>	<b>209,485</b>	<b>35,796</b>	<b>29%</b>	<b>24%</b>

Notes:

1. The current budget and estimate at completion excludes escalation

## WORK IN PROGRESS BUDGET REPORT

as of 2/29/2012

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
T012A	The New Face of the CTA	N/A	0	4,707	480	N/A	N/A	N/A	N/A
T015A	Terminal 3 Backfill Project	N/A	0	720	720	N/A	N/A	N/A	N/A
T017A	Concessions Enabling Project	N/A	0	0	0	N/A	N/A	N/A	N/A
T019A	T-2 EDS Behind the Wall Project	N/A	0	0	0	N/A	N/A	N/A	N/A
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	N/A	0	0	0	N/A	N/A	N/A	N/A
L015A	Manchester Square / Belford Demolition Program	N/A	0	0	0	N/A	N/A	N/A	N/A
L016A	Jenny Street Site Modifications	N/A	0	0	0	N/A	N/A	N/A	N/A
T011A	Bradley West Terminal 4 Connector	N/A	0	65	65	N/A	N/A	N/A	N/A
<b>Work in Progress Element Total</b>		N/A	<b>0</b>	<b>5,492</b>	<b>1,265</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.

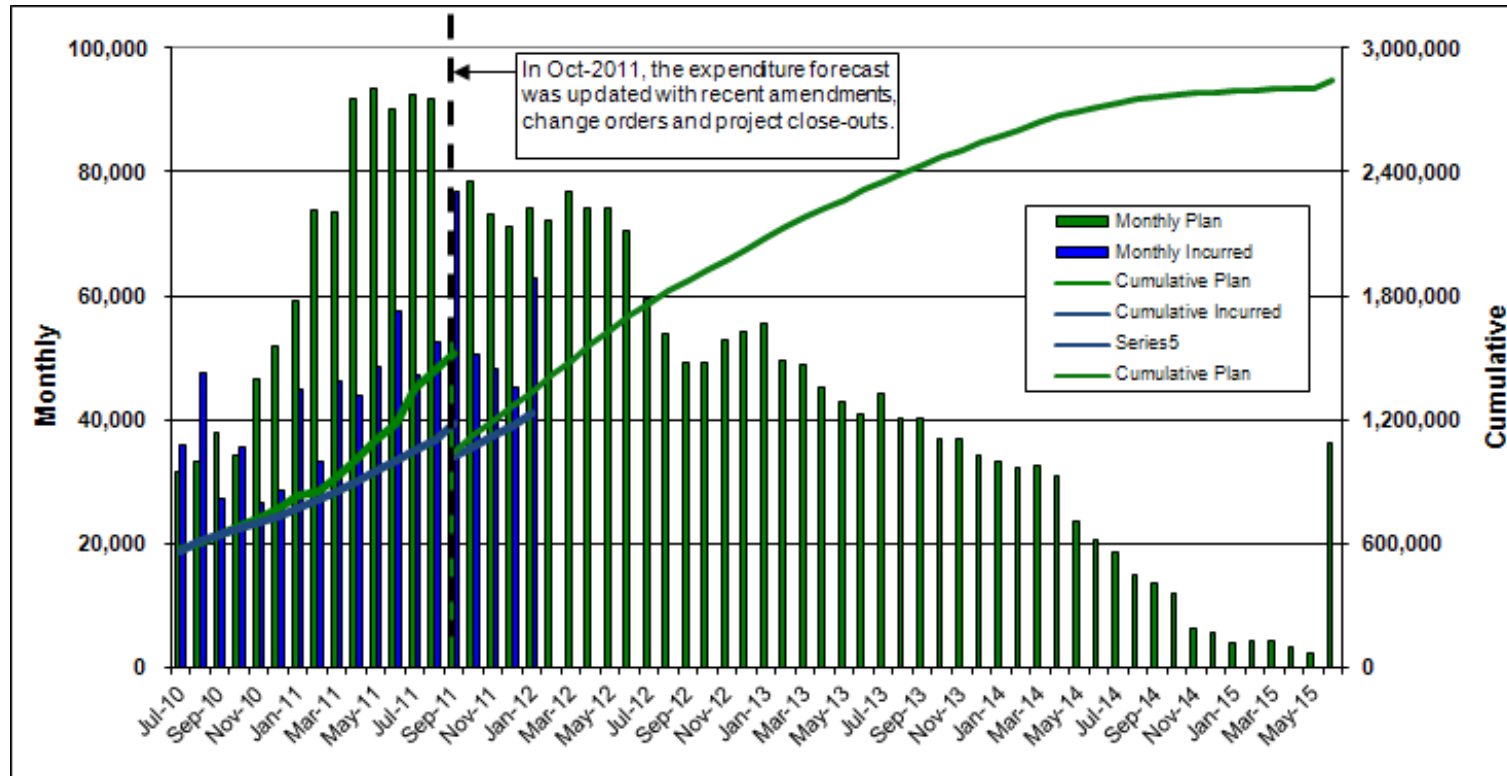
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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 2/29/2012

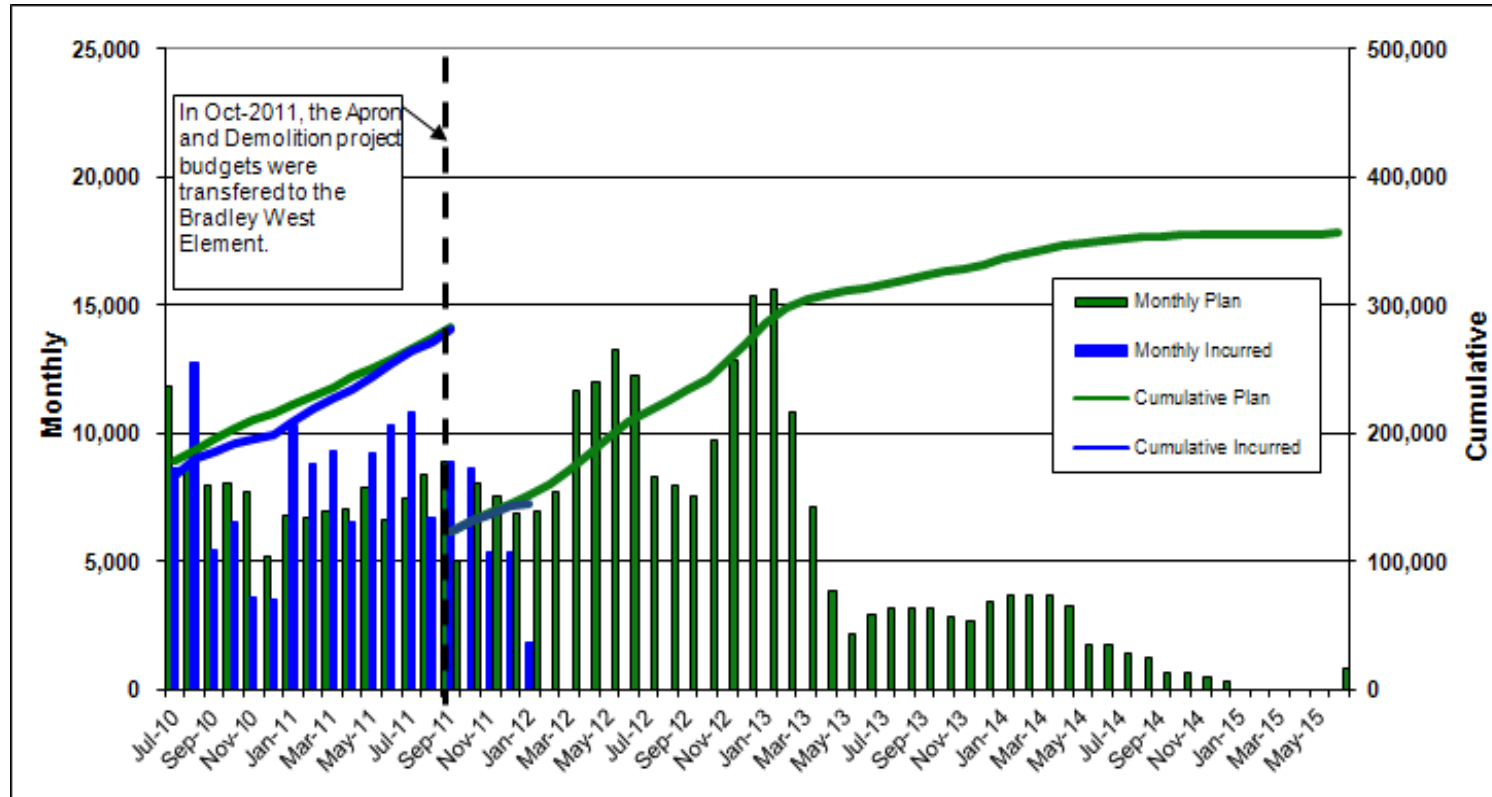


Notes:

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

## AIRSIDE ELEMENT CASH FLOW

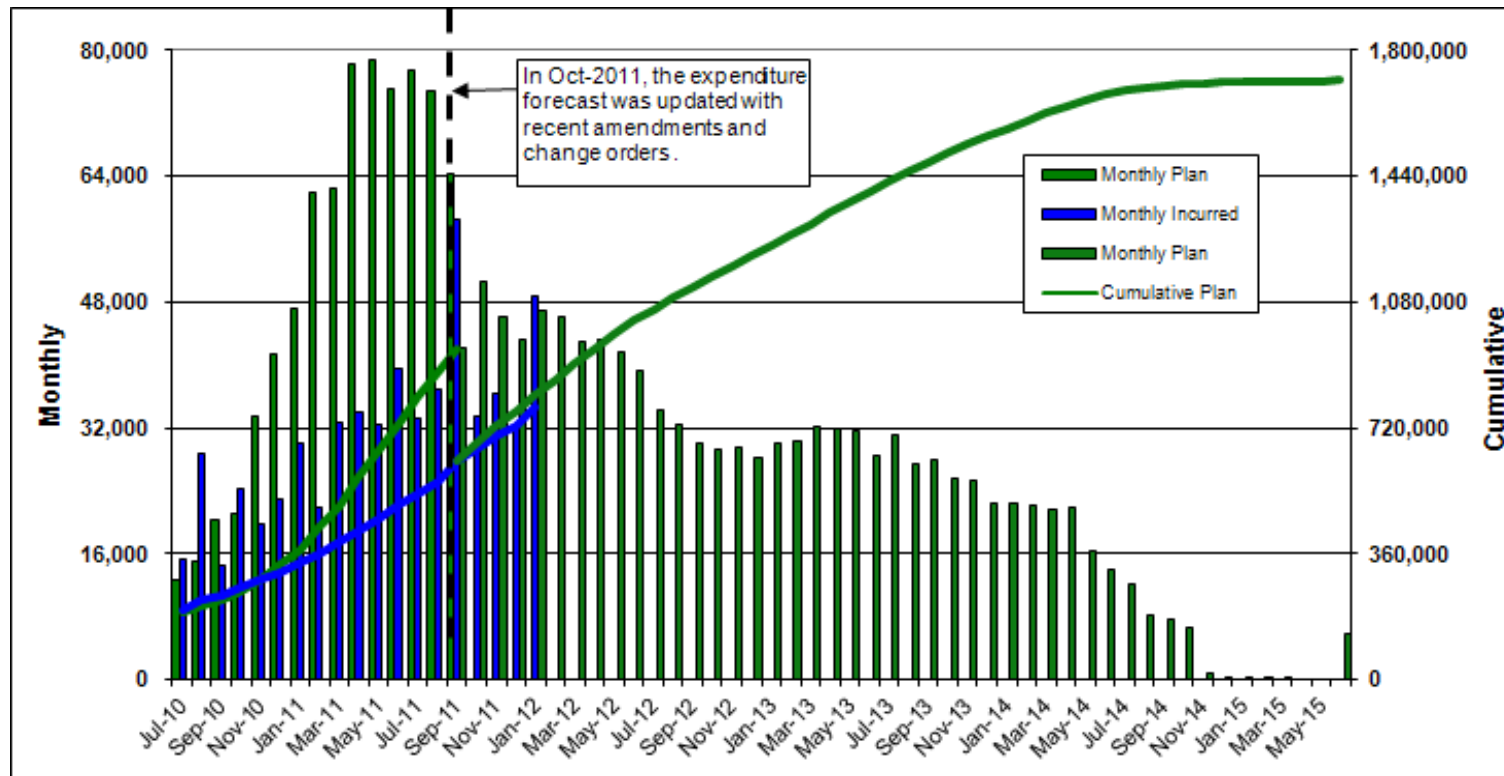
as of 2/29/2012



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

# BRADLEY WEST ELEMENT CASH FLOW

as of 2/29/2012

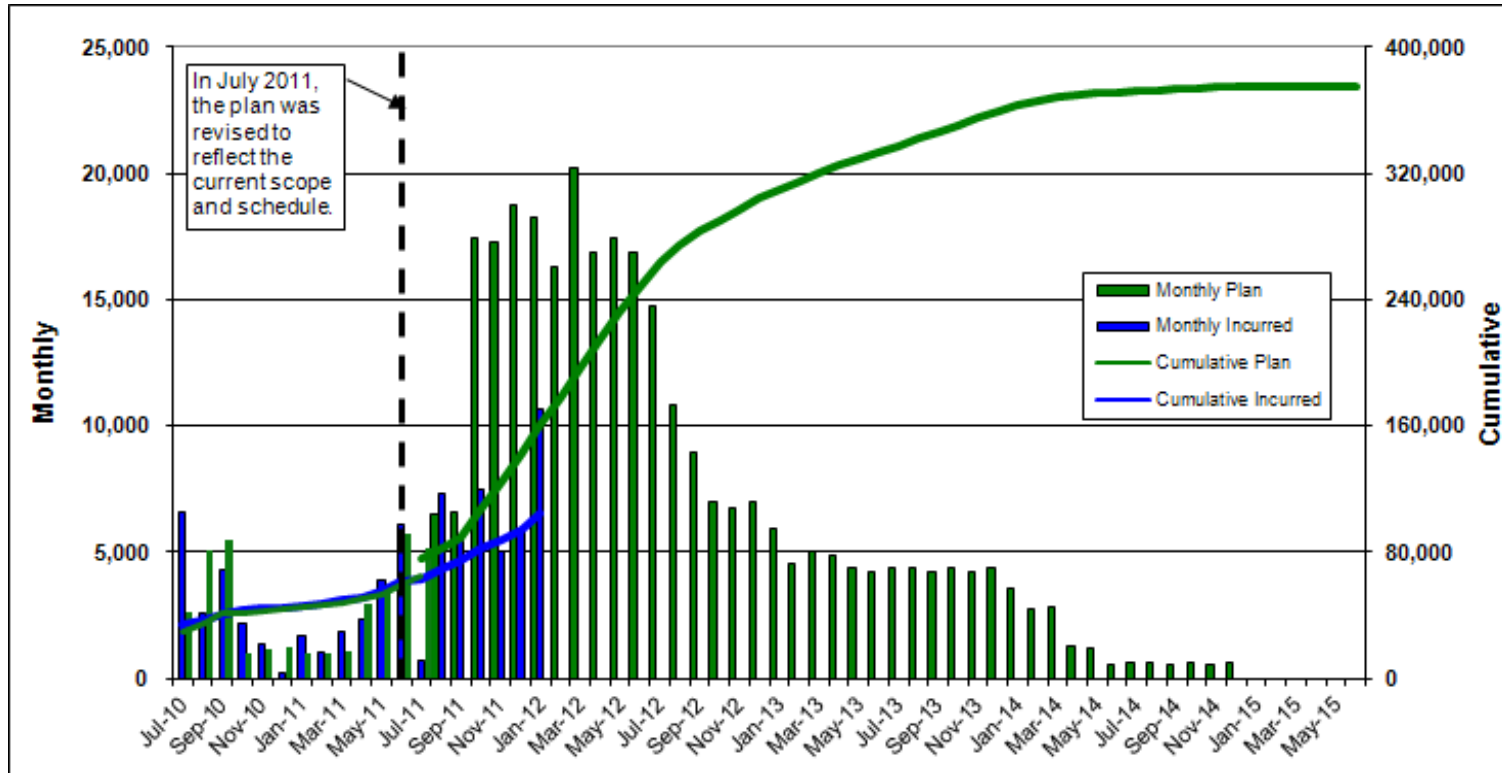


Notes:

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

## CUP REPLACEMENT CASH FLOW

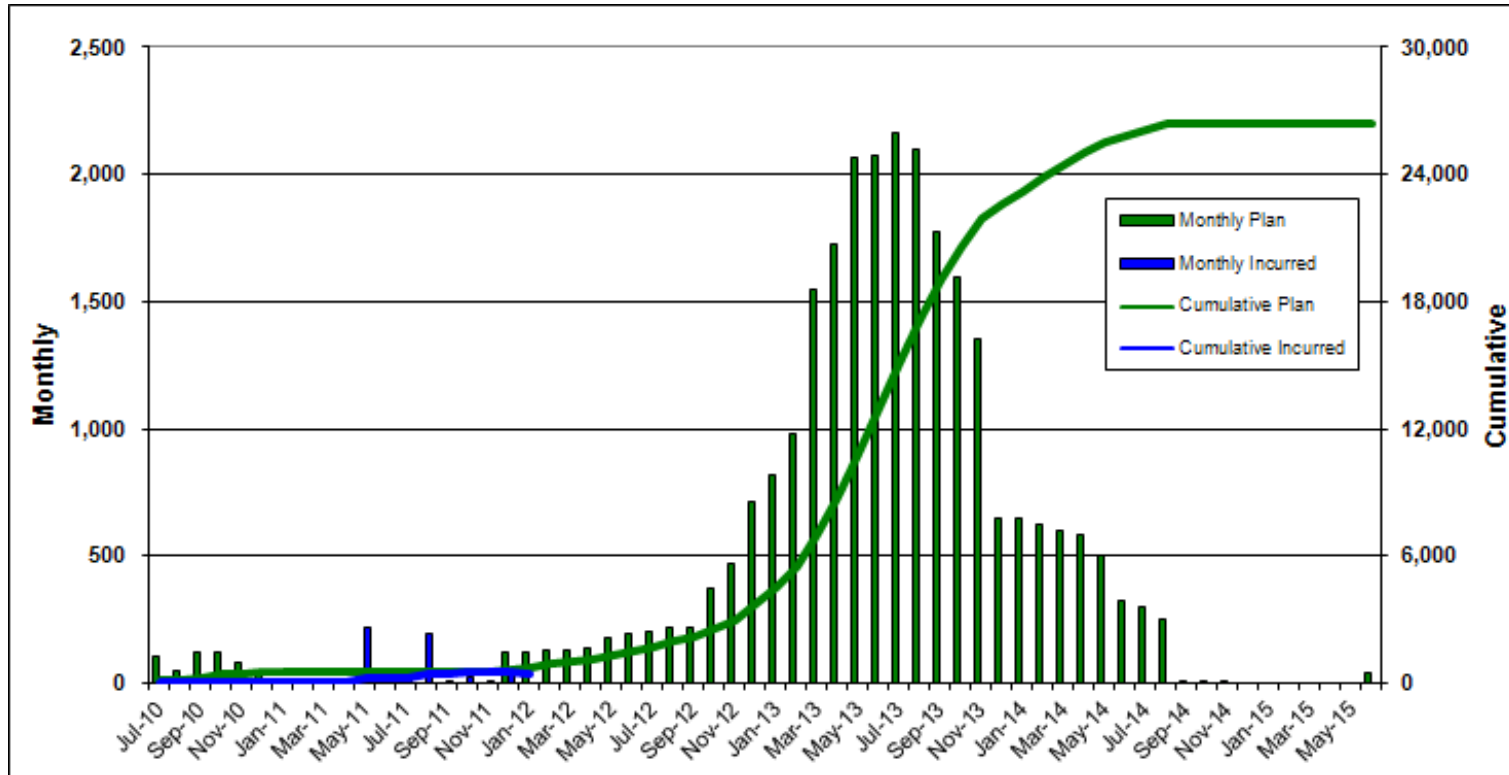
as of 2/29/2012



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

# LANDSIDE ELEMENT CASH FLOW

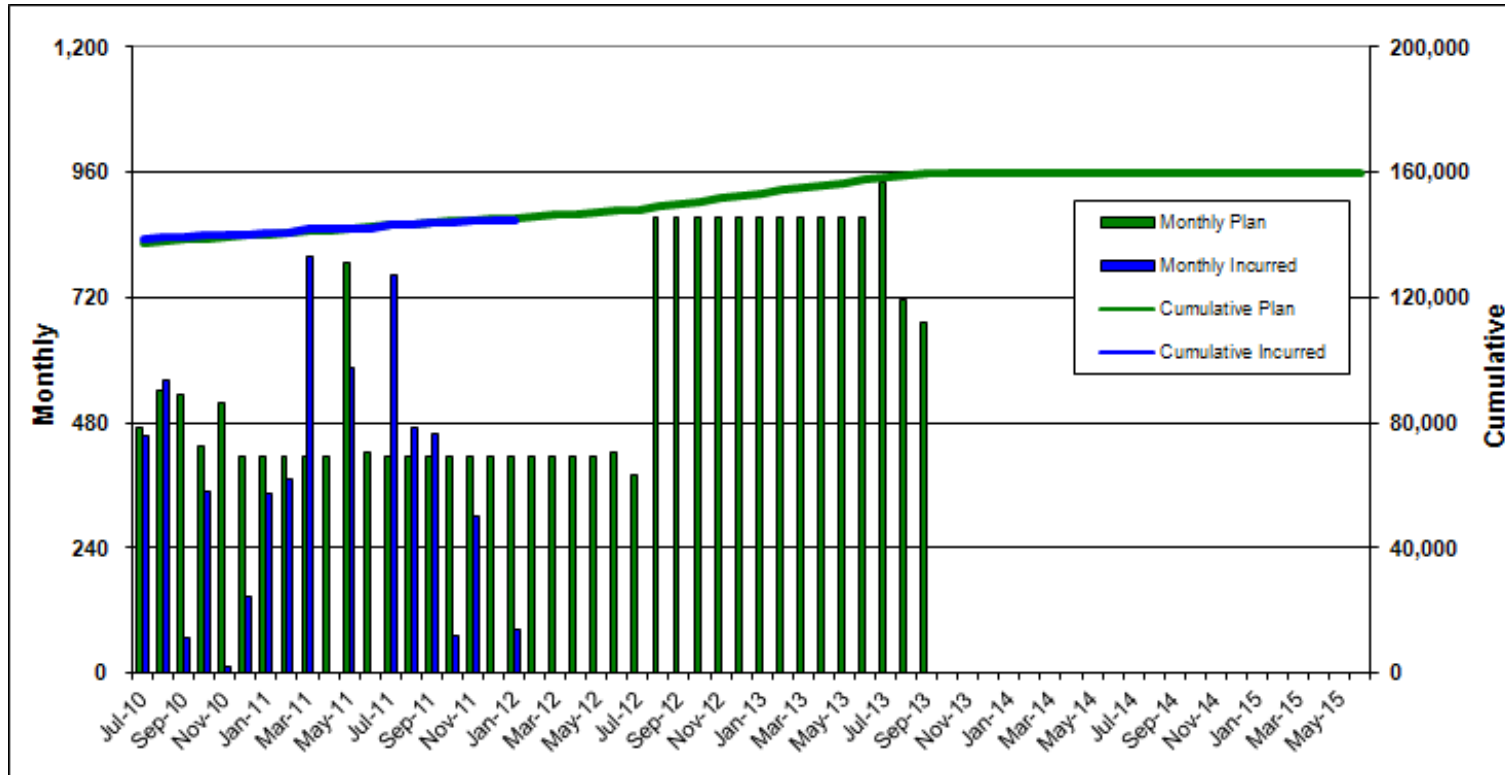
as of 2/29/2012



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

## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

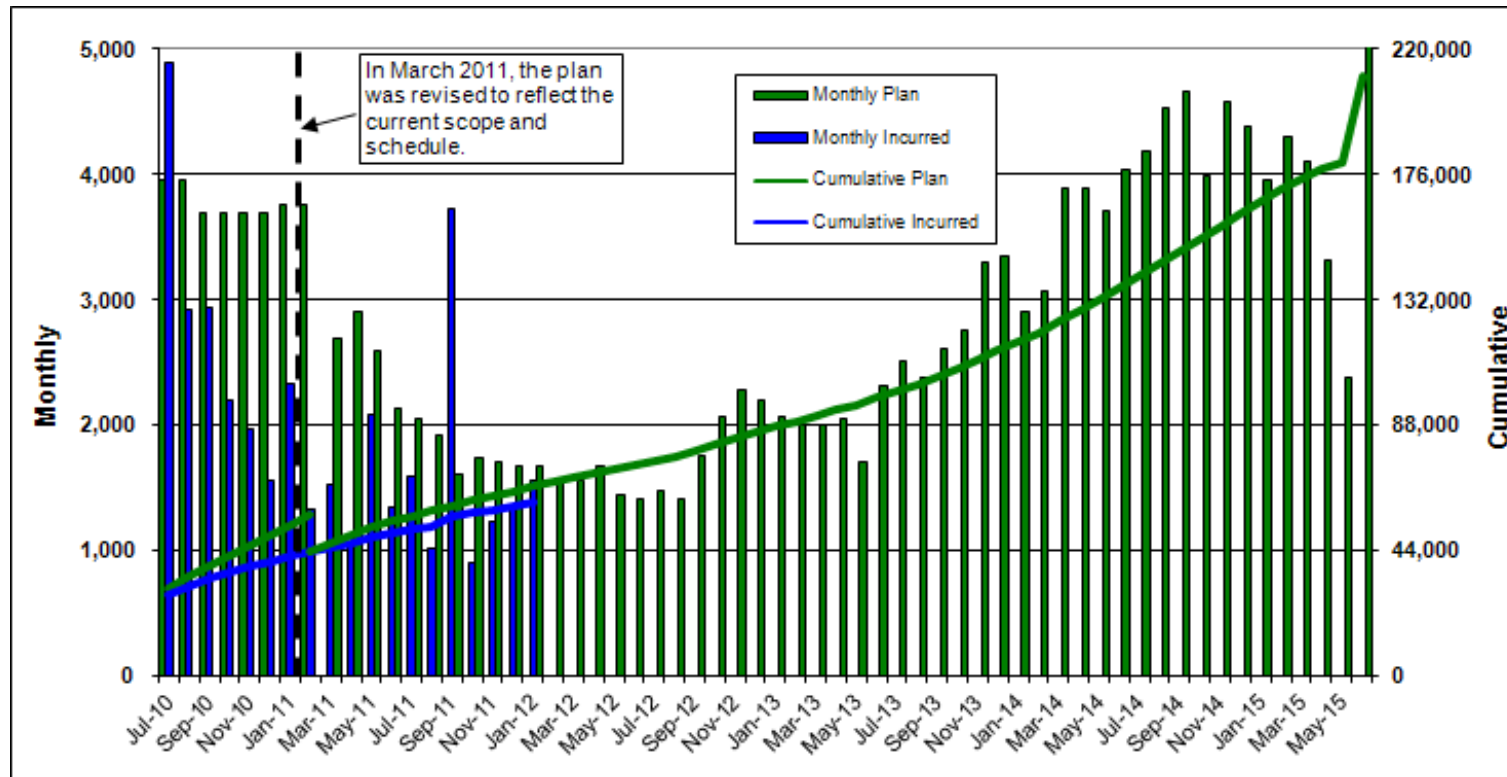
as of 2/29/2012



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

# TERMINALS ELEMENT CASH FLOW

as of 2/29/2012



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 2/29/2012

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>							
<b>M204A - TAXILANE 'S'</b>							
	DA-4398		0048	\$0			Non-Compensable Time Extension for Weather Impacts
<b>M209A - CONSTRUCTION SUPPORT FACILITIES</b>							
	DA-4338		0006	\$40,596			AA Low Bay Hangar Temporary Fencing
	DA-4338		0009	\$9,836			AA Low Bay Hangar Temporary Fencing

## CHANGE ORDERS - Continued as of 2/29/2012

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		0007			\$11,260,718	Third Administrative Funding Transfer for Executed CGMP Revisions
	DA-4337/CGMP01		0020	\$148,410			01.20 Owner Requested Surveying
	DA-4337/CGMP01		0021	\$114,453			01.21 Flaggers at Lateral Access Roads
	DA-4337/CGMP01		0022	\$143,897			01.22 Flaggers at Lateral Access Roads
	DA-4337/CGMP01		0023	\$79,943			01.23 Flaggers at Lateral Access Roads
	DA-4337/CGMP01		0024	(\$14,745)			01.24 (CANCELLED) Gates Transport and Handling Stored Materials (September Billing)( 01.24 Cancels 01.19, See notes in CCR 6478.03)
	DA-4337/CGMP01		0025	\$5,484			01.25 BWG - W14 Beam Relocation for Stair at East Piers on Level 4 (RFI 4907) (Escorting)
	DA-4337/CGMP01		0026		\$274,966		01.26 BWG - Tower Crane #3 Operator - Daily from 3:00PM to 12:00AM - 09/25/11 to 12/05/11
	DA-4337/CGMP01		0027	\$11,684			01.27 IWBT - Light Tower Continued Rental for Additional 3-4 Weeks
	DA-4337/CGMP01		0028	\$1,792			01.28 IWBT - Temporary Lamp Lighting
	DA-4337/CGMP02		0247	\$27,032			02.247 BWG - W14 Beam Relocation for Stair at East Piers on Level 04 (RFI 4907) (Structural Steel)
	DA-4337/CGMP02		0248	\$50,479			02.248 Additional Unforeseen Conditions near Junction Structure 28-2
	DA-4337/CGMP02		0249	\$86,087			02.249 Bulletin H023, RE: FW, DW, CHW, HHW, RW and NG Revisions
	DA-4337/CGMP02		0250	\$14,745			02.250 Gates Transport and Handling Stored Material (September Billing)
	DA-4337/CGMP02		0251	\$58,987			02.251 Gates - Transport and Handling Stored MAterials ( August Billing)
	DA-4337/CGMP02		0252	\$3,060			02.252 BWG - Gap at Level 4 Deck and Curtain Wall at Gate 134
	DA-4337/CGMP02		0253	\$0			02.253 (CANCELLED - Penny Adjustment)
	DA-4337/CGMP02		0254	(\$3,749,016)			02.254 Administrative Sweep of Unused Allowances
	DA-4337/CGMP02		0255	\$1,680			02.255 IWBT Curb Painting
	DA-4337/CGMP02		0256	\$10,079			02.256 BWG- Changed and Rotated HSS for Back-up Steel
	DA-4337/CGMP02		0257	\$19,998			02.257 BWG - North Connector Escalator and Edge of Slab Clarification
	DA-4337/CGMP02		0258	(\$7,273)			02.258 IWBT - Loading Dock/Staging Area Finishes
	DA-4337/CGMP02		0259	\$1,170			02.259 BWG - Level 4 Diffuser Opening Reinforcement at N21 Line (RFI-3546)
	DA-4337/CGMP03		0044		\$443,265		03.44 CCP2 Permanent Fire Line System Construction Acceleration
	DA-4337/CGMP04		0140	\$7,000			04.140 Submittal 0891-BWG-0 Level 5 Mechanical Duct Plan Equipment Pad Drawings
	DA-4337/CGMP04		0141	\$0			04.141 (CANCELLED - Penny Adjustment)

### Bradley West Element

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

DA-4337/CGMP04	0142	\$3,647		04.142 BWG - Support for Future IEMS Displays (GDN-120) (Concrete)
DA-4337/CGMP05	0055	(\$5,011)		05.55 BWG - Relocate South Concourse Vault MAU and North and South Concourse Vault Dampers (Misc Metals)
DA-4337/CGMP05	0056	\$0		05.056 (CANCELLED - Penny Adjustment)
DA-4337/CGMP06	0027	\$0		06.027 (CANCELLED - Penny Adjustment)
DA-4337/CGMP06	0028	\$92,670		06.28 Gates SS Gutter Bottom (RFI 5576, 5373)
DA-4337/CGMP07	0080	\$17,411		07.80 BWG-WAL RFI 117, Additional Valves are required for RFI 117
DA-4337/CGMP07	0081		\$167,353	07.81 BWG Seismic Piping between Core and South Gates
DA-4337/CGMP07	0082	\$67,939		07.82 BWG - Relocate South Concourse Vault MAU and North and South Concourse Vault Dampers
DA-4337/CGMP07	0083	\$1		07.083 (CANCELLED - Penny Adjustment)
DA-4337/CGMP07	0084	\$5,569		07.84 BWG FD 0075 - South Concourse Stoppage of Work for Taxilane S/Flat Iron (Plumbing)
DA-4337/CGMP07	0085	\$3,303		07.85 BWG - Support for Future IEMS Displays (GDN-120) (Fire Protection)
DA-4337/CGMP08	0077	\$26,123		08.77 BWG Fire Alarm - Fire Protection Supplemental QA
DA-4337/CGMP08	0078	\$85,166		08.78 BWG Rolling Door Power Requirements
DA-4337/CGMP08	0079	\$28,220		08.79 GDN-156 VSS Power Injector Specification Change
DA-4337/CGMP08	0080	\$56		(CANCELLED) 08.80 Switching in AHU Room 3S4-04
DA-4337/CGMP08	0081	(\$92,876)		08.81 BWG - Change of Network Equipment Part Number
DA-4337/CGMP08	0082	\$11,281		08.82 Gates Pier 134 Level 4 and 5 Door Mockups (Electrical)
DA-4337/CGMP08	0083	\$2,555		08.83 Gates Level 4 and 5 Pier Ceiling Light Cove Edge Modification (GDN-132) (Electrical)
DA-4337/CGMP08	0084	\$14,616		08.84 BWG - Relocate South Concourse Vault MAU and North and South Concourse Vault Dampers (Electrical)
DA-4337/CGMP08	0085	\$1		08.85 (CANCELLED - Penny Adjustment)
DA-4337/CGMP08	0086	\$9,971		08.86 BWG FD 0075 - South Concourse Stoppage of Work for Taxilane S/Flat Iron (Electrical)
DA-4337/CGMP08	0087	\$21,185		08.87 BWG - RFI 5745 - Elect - Feeds for 3SMBM1
DA-4337/CGMP08	0088	\$2,169		08.88 BWG Feed Sources for Towel Dispensers in Rooms 3S5-08 and 3S5-09
DA-4337/CGMP08	0089	\$27,216		08.89 IWBT - Emergency Egress Fire Department Correction Requirements (Electronic and Security)
DA-4337/CGMP08	0090	(\$56)		08.90 Switching in AHU Room 3S4-04
DA-4337/CGMP09	0035	\$9,612		09.35 BWG - Relocate South Concourse Vault MAU and North and South Concourse Vault Dampers (Exterior Framing and Sheathing)
DA-4337/CGMP09	0036	\$18,153		09.36 BWG - Additional BIM Coordination
DA-4337/CGMP10	0052	\$12,709		10.52 BWG - Gates EVIDS Relocation/ CCTV/ RIDS/ VDGS (GDN-094) (Drywall)

### Bradley West Element

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

DA-4337/CGMP10	0053	\$7,161		10.53 Gates Wall Type Change at ST3-N
DA-4337/CGMP10	0054	\$6,263		10.54 Rated Enclosure for Floor Penetration at S30/AA Level 03
DA-4337/CGMP10	0055	\$1,253		10.55 Gates Pier 134 Level 4 and 5 Door Mockups (Drywall)
DA-4337/CGMP10	0056	\$31,070		10.56 Gates Level 4 and 5 Pier Ceiling Light Cove Edge Modification (GDN-132) (Drywall)
DA-4337/CGMP10	0057	\$15,942		10.57 BWG - Relocate South Concourse Vault MAU and North and South Concourse Vault Dampers (Drywall)
DA-4337/CGMP10	0058	\$0		10.58 (CANCELLED Penny adjustment)
DA-4337/CGMP10	0059		\$241,753	BWG - Support for Future IEMS Displays (GDN-120) (Interior Framing)
DA-4337/CGMP10	0060	\$4,942		10.60 BWG - Credit/Add from F2 to H1 Wall
DA-4337/CGMP11	0017	\$0		10.17 (CANCELLED Penny adjustment)
DA-4337/CGMP11	0018	\$10,826		11.18 BWG - Support for Future IEMS Displays (GDN-120) (Doors)
DA-4337/CGMP12	0024	\$48,116		12.24 BWG - Gates EVIDS Relocation/ CCTV/ RIDS/ VDGS (GDN-094) (Decorative Metals)
DA-4337/CGMP12	0025	\$4,375		12.25 Gates Pier 134 Level 4 and 5 Door Mockups (Interior Glass)
DA-4337/CGMP12	0026	(\$22,092)		12.26 Gates Level 4 and 5 Pier Ceiling Light Cove Edge Modification (GDN-132) (Ceiling Panels)
DA-4337/CGMP12	0027	(\$1)		12.27 (CANCELLED Penny adjustment)
DA-4337/CGMP12	0028	(\$2,489,117)		Administrative Sweep of Buyout Savings Associated with Interior Glass
DA-4337/CGMP12	0029		\$290,837	12.29 BWG - Support for Future IEMS Displays (GDN-120) (Decorative Metals)
DA-4337/CGMP12	0030	(\$39,662)		12.30 IWBT - Emergency Egress Fire Department Correction Requirements (Decorative Metals)
DA-4337/CGMP12	0031	\$31,308		12.31 Gates Level 4 Lift Storage Elevation Revision
DA-4337/CGMP13	0022	\$2,919		13.22 BWG - Steel Plate Separator at Plumbing Chases - GDN131 (Specialties)
DA-4337/CGMP13	0023	(\$5,969)		13.23 Gates Change Toilet Partition from Linen to 5WL
DA-4337/CGMP13	0024	\$0		13.24 (CANCELLED Penny adjustment)
DA-4337/CGMP13	0025	\$905		13.25 BWG - Support for Future IEMS Displays (GDN-120) (Painting)
DA-4337/CGMP13	0026	\$324		13.26 Gates Level 4 Lift Storage Elevation Revision

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

DA-4382/CGMP01	0030	\$145,677		01.30 Owner Requested Surveying
DA-4382/CGMP01	0031	\$5,171		01.31 Grounding of Communication Vaults at 8100 Westchester Parkway
DA-4382/CGMP01	0032	\$9,993		01.32 East Side and Lot C Parking Areas, Site Surveys (Fire Hydrant Testing)
DA-4382/CGMP01	0033	\$8,274		01.33 Installation and Electrical Renovation of Cashier's Booths at Lot C
DA-4382/CGMP01	0034		\$150,365	01.34 West Staging Area - AOA Ramp and Communication Line Redesign

### Bradley West Element

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

DA-4382/CGMP01	0035	\$2,435		01.35 WSA - New Power Inserter for CCTV Camera
DA-4382/CGMP01	0036	\$6,260		01.36 WSA - Unforeseen Conditions (Concrete, Rebar, Misc. Debris) Within Project Site
DA-4382/CGMP01	0037	\$2,620		01.37 WSA Change Curb to Type C, Per RFI 4129
DA-4382/CGMP01	0038	\$11,625		01.38 WSA Change to Maxcell 3-Cell Innerduct as Requested in Submittal 0008-WSA-0
DA-4382/CGMP01	0039	\$87,406		01.39 CD-0513R1 - EDN 026 Temporary Loading Dock Site Restoration (Field Services)
DA-4382/CGMP01	0040	\$1,051		01.40 (Canceled with CGMP Rev 01.43) BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP and Structural Revisions - CDN-072R1 (Fireproofing)
DA-4382/CGMP01	0041	\$2,125		01.41 ESA - Additional Demo, Removal and Cleanup at Alverstone Lot
DA-4382/CGMP01	0042	\$586		01.42 WSA - Communications Product Data
DA-4382/CGMP01	0043	(\$1,051)		01.43 (Cancels 01.40)
DA-4382/CGMP01	0044	\$2,003		01.44 WSA - Demolition and Hauloff of Abandoned Electrical Boxes/Switchboards and Bollards
DA-4382/CGMP01	0045	\$7,803		01.45 WSA- RFI 4019, Added Rebar in Turnstile Foundations and Added Concrete Barrier Wall
DA-4382/CGMP01	0046	\$7,714		01.46 ESA - Mitigation of Transite Pipe of Lot F
DA-4382/CGMP01	0047	\$7,299		01.47 RFI-4413 Addition of Retaining Wall Around Existing Communications Handhole
DA-4382/CGMP03	0053	\$2,129		03.53 TPAR P2A Generator for Scheduled Outage
DA-4382/CGMP03	0054	\$54,771		03.54 TPAR Merit Review - TDP-1 Conduit Support Structure
DA-4382/CGMP04	0085		\$1,207,068	04.85 CD-0513R1 - EDN 026 Temporary Loading Dock Site Restoration
DA-4382/CGMP04	0086		\$216,913	04.86 BWC - IEMS Welcome Wall AHU Mounting and Ductwork (CDN-148R2) (Procurement of AHU-M1 Unit Only)
DA-4382/CGMP04	0087		\$814,751	04.87 BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP and Structural Revisions - CDN-072R1 (Elevators)
DA-4382/CGMP04	0088	\$7,714		04.88 ESA - Mitigation of Transite Pipe in Lot F
DA-4382/CGMP04	0089	\$36,994		04.89 BWC Waterproof Detail at Gridline 60.5/R Line Wall (Exterior Cladding)
DA-4382/CGMP04	0090	(\$7,714)		04.90 (Cancels CGMP Rev 04.88 - Not issued to WAJV) Mitigation of Transite Pipe in Lot F -
DA-4382/CGMP06	0105	\$844		06.105 CD-0566 Rebar Changes Due to Conflicts Detected
DA-4382/CGMP06	0106	\$24,399		06.106 BWC Structural Steel Beam Penetrations for Ductwork - CDN-038 (Beam Penetration)
DA-4382/CGMP06	0108	\$3,532		06.0108 BWC Missing Roof Deck Support at Level 05
DA-4382/CGMP06	0109	\$4,152		06.109 BWC- RFI 2725 - Level 3 Opening Required in Concrete Doghouses

### Bradley West Element

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

DA-4382/CGMP06	0110	\$1,862		06.110 BWC - Interstitial Steel Adjustments 7-20-11 BIM Conflicts
DA-4382/CGMP06	0111	\$4,223		06.111 RFI 2876 - Level 1 Area C5 Electrical Wall Blockout Locations at GLs SE5/58 and 59
DA-4382/CGMP06	0112	\$9,116		06.112 BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP and Structural Revisions - CDN-072R1 (Concrete)
DA-4382/CGMP06	0113		\$213,188	06.113 (Canceled with CGMP Rev. 06.124) Build Walls R3/42 and X17/Y9 to Y10 Under Steel
DA-4382/CGMP06	0114	\$15,636		06.114 BWC Added Beams for Mechanical Openings at Level 4
DA-4382/CGMP06	0115	\$5,213		06.115 BWC Concrete Shear Wall Opening Coordination
DA-4382/CGMP06	0116	\$19,906		06.116 RFI-2947 - Waterproofing for Elevators on Mat Foundations
DA-4382/CGMP06	0117	(\$389)		06.117 RFI-1988 Detail 1/S4101 Rebar Clarification
DA-4382/CGMP06	0118	\$4,402		06.118 Missing Opening for Mech Duct on Wall at Gridline X6/Y1
DA-4382/CGMP06	0119	\$3,678		06.119 Waterproof Detail at Gridline 60.5/R Line Wall (Waterproofing)
DA-4382/CGMP06	0120	\$4,507		06.120 Laydown Yard Relocation from Pershing Yard
DA-4382/CGMP06	0121	\$11,980		06.121 BWC- RFI 2836, Soldier Beam Encasement in Footing at R1.2/60
DA-4382/CGMP06	0122	\$11,446		06.122 BWC- Structural steel Connection revisions at Masonry Wall at Elevator C5EL-05 - RFI -1952
DA-4382/CGMP07	0016	(\$31,216)		07.16 Core IEMS Bon Voyage Infrastructure - (Curtainwall)
DA-4382/CGMP07	0017	\$6,823		07.17 RFI 4412 - BWC Ext - Backup Steel Head Connection Along Gridline X19 in Between Gridlines Y3 and Y4
DA-4382/CGMP07	0018	\$2,899		07.18 BWC Pier 148 Seismic Joint Detail (Curtainwall)
DA-4382/CGMP07	0019	\$1,661		07.19 Core Curtain Wall Back-up Steel Connection at RBS
DA-4382/CGMP08	0124	(\$1,412)		08.124 Core IEMS Bon Voyage Infrastructure - (Electrical)
DA-4382/CGMP08	0125	\$7,860		08.125 BWC Stair C5ST01 Type A Fixture Quantity and Location
DA-4382/CGMP08	0126	\$19,904		08.126 Structural Steel Beam Penetrations for Ductwork - CDN-038 (Duct Routing Revision)
DA-4382/CGMP08	0127	\$1,928		08.127 BWC - CFSD for VAV-C6.19
DA-4382/CGMP08	0128	\$723		08.128 RFI-2900 Access Doors for VAV C13.13 and C13.14 (HVAC)
DA-4382/CGMP08	0129	(\$21,688)		08.129 BWC Emergency Telephone Light
DA-4382/CGMP08	0130	\$2,289		08.130 BWC Stair C1ST01 Fixture Types and Locations
DA-4382/CGMP08	0131		\$232,595	08.131 (Canceled with CGMP Rev. 08.132) BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP and Structural Revisions - CDN-072R1 (Electrical, HVAC, Fire Protection)
DA-4382/CGMP08	0132	(\$232,595)		08.132 (Cancels CGMP Rev 08.131)
DA-4382/CGMP08	0133		\$190,333	08.133 BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP, and Structural Revisions - CDN-072R1 (Electrical and Fire Protection)

**Bradley West Element**
**DA-4382 - BRADLEY WEST CORE (DA-4382)**

DA-4382/CGMP08	0134	\$48,965		08.134 BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP, and Structural Revisions - CDN-072R1
DA-4382/CGMP08	0135	\$26,626		08.135 CDN-129 Revised Speaker Specifications
DA-4382/CGMP08	0136	\$2,277		08.136 BWC MECH - L5 C5 Duct, Ceiling and Steel Conflicts
DA-4382/CGMP08	0137	\$34,739		08.137 3SMEBEQ Three (3) Conduit Stubs to Core
DA-4382/CGMP08	0138		\$169,419	08.138 CDN-0068 Change of Network Equipment Part Number and WiFi DHCP Server
DA-4382/CGMP08	0139	\$148,160		08.139 CDN-107 Security, Telecom and AV Supplemental QA
DA-4382/CGMP09	0027	\$30,726		09.27 Core IEMS Bon Voyage Infrastructure - (Misc. Metals)
DA-4382/CGMP09	0028	\$37,459		09.28 RFI 3496 - Insufficient Coverage of Core CMU Reinforcement Schedule
DA-4382/CGMP09	0029	\$23,933		09.29 BWC - Architectural Pattern of Exterior 8" CMU Walls
DA-4382/CGMP09	0030	\$2,432		09.30 BWC Pier 148 Seismic Joint Detail (Framing)
DA-4382/CGMP10	0009	\$1,051		10.09 BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP and Structural Revisions - CDN-072R1 (Fireproofing)
DA-4382/CGMP12	0028	\$31,103		12.28 Core IEMS Bon Voyage Infrastructure - (Framing)
DA-4382/CGMP12	0029	\$374		12.29 RFI-2900 Access Doors for VAV C13.13 and C13.14 (Framing)
DA-4382/CGMP12	0030	\$41,462		12.30 BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP and Structural Revisions - CDN-072R1 (Drywall and Doors)
DA-4382/CGMP12	0031		\$294,992	12.31 Core Level 04 Paperless Drywall Priority Walls
DA-4382/CGMP13	0017	\$43,703		13.17 Core IEMS Bon Voyage Infrastructure - (Decorative Metals)
DA-4382/CGMP14	0016	\$1,441		14.16 Core IEMS Bon Voyage Infrastructure - (Paint)
DA-4382/CGMP14	0017	(\$8,855)		14.17 Core Change Toilet Partition Finish from Linen to 5WL (Submittal 1216-BWG-0)
DA-4382/CGMP14	0018	\$855		14.18 BWC - Premier Lounge Elevators C6EL03-04, Level 03 Added Stop, Added ECR Room, MEP and Structural Revisions - CDN-072R1 (Painting)

**M203B - CONSTRUCTION TRAFFIC MITIGATIONS**

DA-4478/000000	0003	(\$168,289)		CO 3
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## CHANGE ORDERS - Continued as of 2/29/2012

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		0020	\$4,387			CUP Emergency Generator Training
<b>Landside Element</b>							
<b>Residential/Soundproofing Element</b>							
<b>Terminal Element</b>							
<b>T001A - ELEVATORS AND ESCALATORS REPLACEMENT</b>							
	DA-4344		0004	\$0			Contract is extended 194 days to cover delays caused by unforeseen site conditions during construction.
	DA-4344		0011	\$108,117			Labor escalation as work was delayed or postponed due to unforeseen site conditions.
	DA-4344		0012	\$0			Contract will be extended 116 days to cover delays caused by unforeseen site conditions during construction.
	DA-4371		0010			\$1,500,500	Expedite construction to correct code violations enabling final acceptance from LADBS for the Concessions Redevelopment Program at Terminals 4, 5, 7, and 8 at LAX.

### 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	\$15,130,136	\$2,398,934	\$17,529,070	2.82%
FIELD CONDITIONS	\$6,046,442	\$1,748,891	\$7,795,333	1.25%
OWNER BETTERMENT	\$3,504,570	\$1,092,162	\$4,596,732	0.74%
CODE REQUIREMENT	\$1,749,074	\$28,399	\$1,777,473	0.29%
<b>TOTAL</b>	<b>\$55,805,231</b>	<b>\$5,268,386</b>	<b>\$61,073,617</b>	<b>9.83%</b>

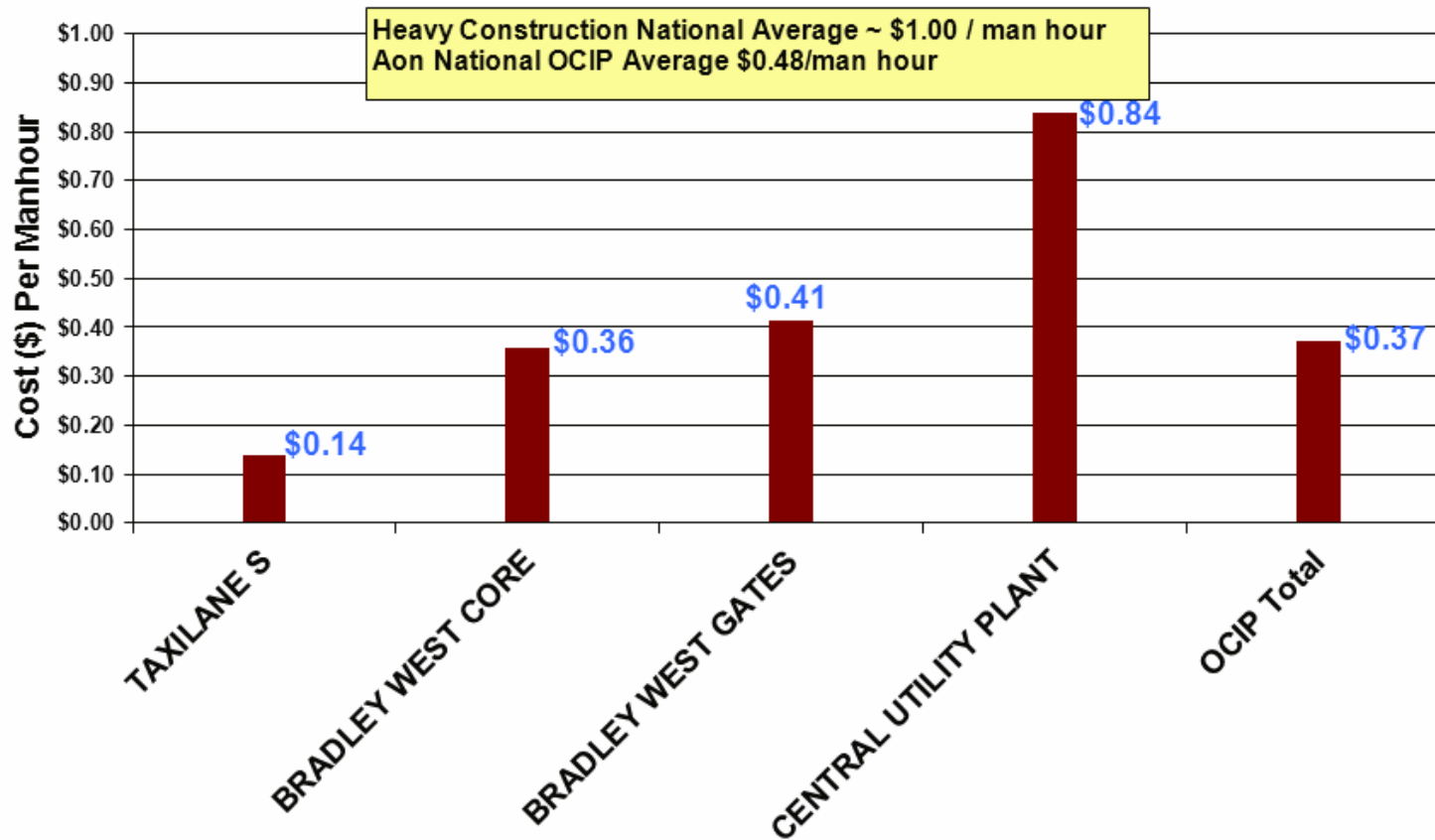
\*Base Contract Value = \$621,550,000

### Bradley West- CORE

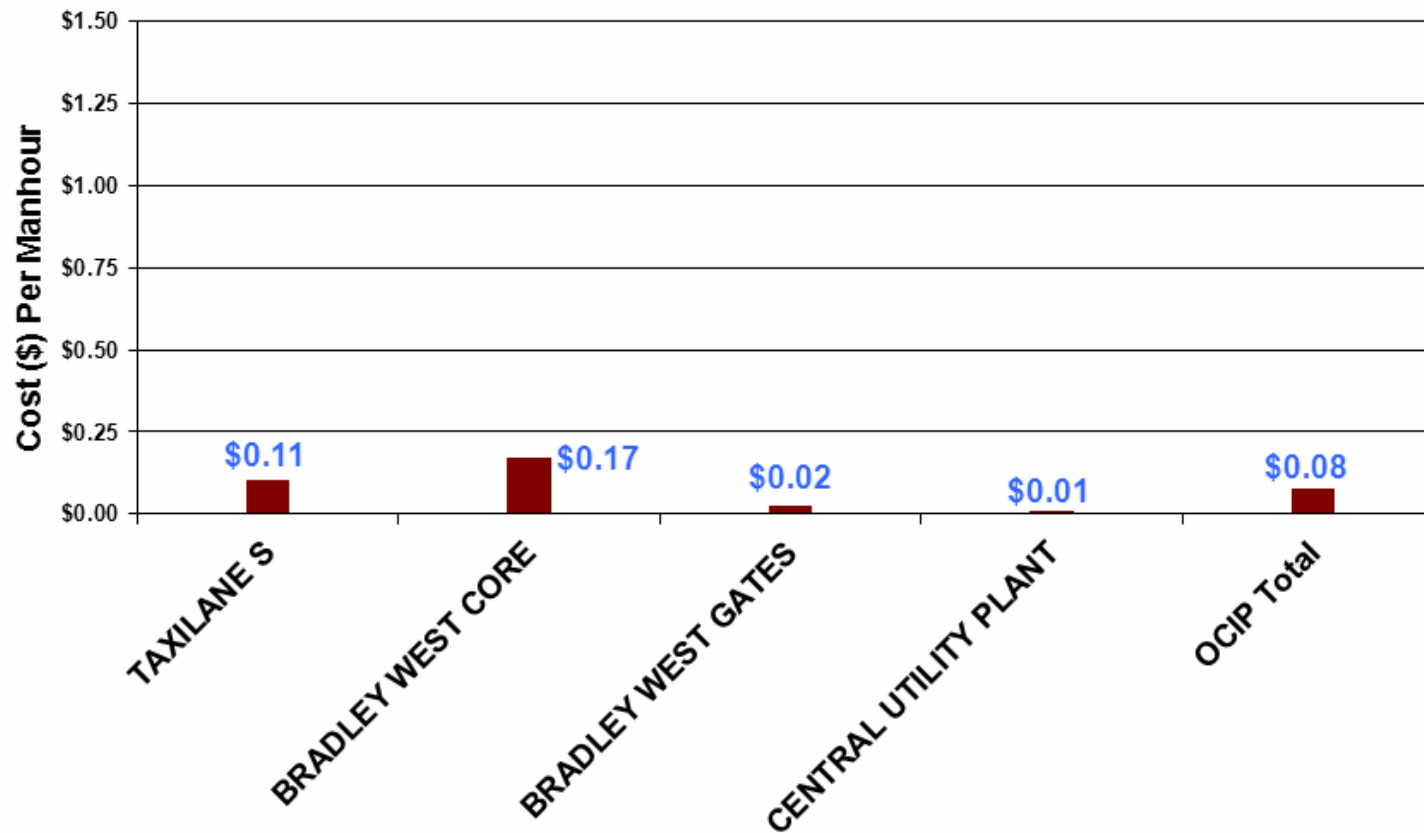
CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE )	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$28,523,151	\$984,360	\$29,507,511	4.74%
DOCUMENT CORRECTION	\$6,166,972	\$1,392,369	\$7,559,341	1.21%
FIELD CONDITIONS	\$5,437,310	\$793,772	\$6,231,082	1.00%
OWNER BETTERMENT	\$16,943,145	\$1,945,577	\$18,888,722	3.03%
CODE REQUIREMENT	\$4,970,994	\$5,353	\$4,976,347	0.80%
<b>TOTAL</b>	<b>\$62,041,572</b>	<b>\$5,121,431</b>	<b>\$67,163,003</b>	<b>10.79%</b>

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

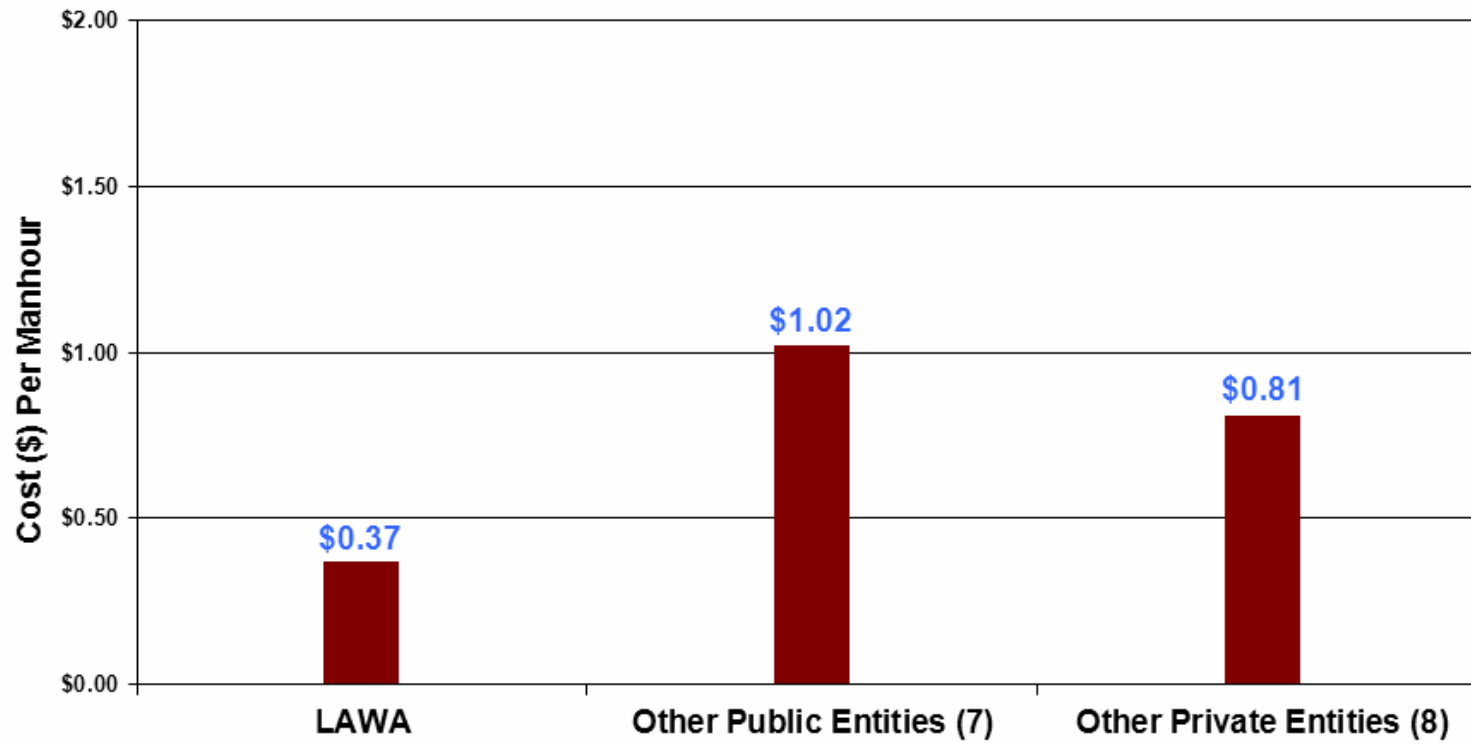
**LAWA OCIP Workers Compensation Loss Performance**  
 - as of January 31, 2012 -



LAWA OCIP General Liability Loss Performance  
- as of January 31, 2012 -



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



Firm	Contract No.	DBE or M/WBE Contract	Proposed Level of Participation	Achieved Participation to Date*		Remarks
				M/WBE	DBE	
AECOM Technical Services, Inc.	DA-4260	DBE	12.00 %	N/A %	20.86 %	
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 %	Achived Participation from 12/31/2011
Walsh Austin Joint Venture - Construction (Gates)	DA-4337	M/WBE	14.00 %	19.90 %	N/A %	Achived Participation from 12/31/2011
Walsh Austin Joint Venture - Pre-Construction (Core)	DA-4382	M/WBE	20.00 %	24.03 %	N/A %	Achived Participation from 12/31/2011
Walsh Austin Joint Venture - Construction (Core)	DA-4382	M/WBE	14.00 %	20.30 %	N/A %	Achived Participation from 12/31/2011
<b>Total Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>14.298%</b>	<b>4.014%</b>	
<b>Total Combined Participation:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>18.311%</b>		

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