



# Airports Development

Executive Management

Program Status Report

January 31, 2013

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

### **Budget Status**

The contractor has submitted a group of large potential overall project impact claims. ADG is evaluating these claims for merit and it appears this project will complete over budget.

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

### Schedule Status

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

### Issues

The contractor has submitted a group of large potential overall project impact claims. ADG is evaluating these claims for merit and it appears this project will complete over budget. The claims are currently anticipated to be resolved by May 2013.

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

### **Project Description**

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

Taxiway T - Phase 1 work includes the demolition for and the construction of approximately 75,000 square yards of Portland Cement Concrete (PCC) for Taxiway T, associated lighting, utilities and service road at Los Angeles International (LAX). The project also includes approximately 36,000 square yards of RON apron PCC, associated improvements and Taxilane R-1 and Taxilane C-12 connector ramps onto the American Airlines (AAL) leasehold. Also includes hauling and placement of fill at Continental City Drive site.

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The design of Taxiway T Phase 1, consisting of the southern portion of Taxiway T, is 100% complete.

### **Construction Progress**

The enabling demolition construction contract as awarded to Evans Brothers and is 90% complete.

### **Budget Status**

This project is tracking on budget.

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

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

### **Schedule Status**

The Board approved the Authorization to Advertise the Taxiway T Phase 1 construction contract on November 13, 2012. The bid documents were released on December 6, 2012 and bids are due in mid-February 2013.

### **Issues**

The enabling works contractor has encountered unforeseen contaminated soil (jet fuel) and structural variances which may impact the enabling projects schedule by eight-weeks.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

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

Telecom/ductbank work on World Way West is complete.

Overall construction progress is 90% complete.

### **Budget Status**

Project is tracking on budget.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

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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**

The Board awarded the design contract on August 20, 2012; and NTP for design was issued on October 12, 2012. Detailed design has commenced and the 60% design documents are anticipated in February 2013.

### **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.

## **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**

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

Phase 4, Gates 34 and 35, are complete and opened two days ahead of accelerated schedule.

Construction is complete.

### **Budget Status**

This project will close under budget.

### **Schedule Status**

This project is in the close-out phase, which is anticipated to complete by April 2013.

### **Issues**

None at this time.

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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**

The Board awarded the design contract on August 20, 2012; and NTP for design was issued on October 12, 2012. Detailed design has commenced and the 60% design documents are anticipated in February 2013.

### **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 at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

### **Budget Status**

This project was completed under budget; and the financial close-out is anticipated in February 2013.

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

### **Schedule Status**

Project close-out is in progress.

### **Issues**

None at this time.

## AIRSIDE ELEMENT - ONT Runway 8L RSA Improvement (A019A)

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

A design proposal is submitted and is being reviewed.

### **Construction Progress**

Construction contract has not yet been awarded.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

The contractor has completed construction at Air Freight 1 and US Air; and is currently installing new fencing and replacing existing fence fabric in the cargo corridor area in the northeast project area.

Construction is 80% complete.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is tracking on schedule.

### **Issues**

None at this time.

## AIRSIDE ELEMENT - VNY Runway 16R Rehabilitation (A016A)

### **Project Description**

Runway 16R/34L is the 8,000-foot long primary runway at Van Nuys Airport (VNY). Over the years, the Runway has deteriorated and recent testing found the majority of runway pavement to be in poor condition. This project will implement a combination of building methodologies that meet specific Federal Aviation Administration (FAA) standards, to reconstruct Runway 16R/34L while continuing to mitigate operational impacts to the tenants and users of the airport.

### **Planning and Programming Status**

Project definition in process.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

The construction contract was awarded to Security Paving Company, Inc on October 15, 2012.

The Contractor continues to mobilize and is currently obtaining necessary permits, including grading permit and FAA 7460 permit. LAWA has received submittals necessary to start field construction, including the construction baseline schedule.

Construction NTP is anticipated in late February 2013.

### **Budget Status**

The project is tracking on budget.

Los Angeles World Airports (LAWA) received a Federal Aviation Administration (FAA) grant in September 2012 in the amount of \$18,365,120, which represents 90% of the eligible budget. LAWA has applied for an AIP Matching Grant from the State of California which is up to 5% of the FAA grant award.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Complete.

### **Construction Progress**

North Concourse

North Concourse being prepared for turnover to LAWA Operations

South Concourse

South Concourse IT Room Build Out & Electrical Room Energization moves forward.  
MEP, Terrazzo and Finish Work in South Concourse Holdrooms, Restrooms, Corridors and Tenant Spaces is progressing.  
Work on all South Concourse Piers continues - Elevator installation, IT Room Build-Out, Terrazzo, Drywall, Ceiling Work, Enclosures, etc.  
Pylon Glass installation is on-going in the South Concourse Sterile Corridor.  
Coordination between Concourse construction and Tenant Space contractors continues.

### **Budget Status**

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

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

### Schedule Status

Early Operation of Gate 134:

Target Date: 08/01/12 Actual Date: 8/26/12

Operation of Gates 130 and 132:

Target Date: 01/03/13 Forecast Date: TBD

West Gates Substantial Completion

Target Date: May-2013 Forecast Date: May-2013

### Issues

Delays in obtaining permanent power have impacted follow-on construction activities, such as Elevator/Escalator and HVAC Systems.

There are no anticipated impacts to the project completion date.

Elevator / Escalator installation is currently driving the project completion date. This component of work is expected to complete within project schedule time requirements

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

### **Project Description**

This project will provide improvements to the Federal Inspection Service (FIS) facilities in Tom Bradley International Terminal (TBIT) and allow for the development of new 693,000-sq. ft. improved departure level (post security) passenger amenities, including new restrooms, concessions, airline lounges, and administrative offices within TBIT's existing north and south concourses; renovates TBIT Phase 0, and included is the Integrated Environmental Media System (IEMS) which employs cutting edge technology to create an iconic passenger experience.

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 95% complete.

### **Construction Progress**

Coordination between Main Building construction and Tenant Space contractors continues.

Roof/Exterior Work is on-going: Includes PVC Roof Installation; Installation of Metal Panels at Soffits below Roof; Demolition of Exterior Scaffolding.

Curtainwall installation in the South Lightwell has commenced.

Work in Tenant Spaces advances - Premier Lounge, Food & Beverage / Dining / Restaurant / Duty Free Spaces, etc.

Build-out of the IEMS Control Room is progressing.

Work on South Tug Pass Underground Utilities moves forward; Prep work for Slab on Grade pour in North Tug Pass is underway.

The Build-Out of IT Rooms continues; Permanent Power Energization Efforts are advancing.

Elevator and Escalator installation continues.

Metal Stud Wall/Ceiling Framing, General MEP Rough-In, Drywall and Terrazzo work is progressing throughout the Core Building.

### **Budget Status**

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

Buyout is complete.

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

### **Schedule Status**

Milestone #3 – New Core Construction Complete

Target Date: May-2013    Forecast Date: May-2013

### **Issues**

Delays in obtaining permanent power have impacted follow-on construction activities, such as Elevator/Escalators and HVAC Systems. There are no anticipated impacts to the project completion date. Elevator / Escalator installation is currently driving the project completion date. This component of work is expected to complete within project schedule time requirements

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

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The NTP for design was issued on December 21, 2012. Detailed design has commenced and the 65% design documents are anticipated in February 2013.

### **Construction Progress**

No construction contract has been awarded.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

Project is tracking on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

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

### **Design Progress**

**Ball-Nogues Studio:** Artists and ADG are working to resolve the lighting plan, which needs to conform to LAWA's standards and requirements, while remaining affordable within the Artists' budget.

**Pae White:** In August, the Artist presented the design for a custom bracket as part of the artwork. At that point, the artwork schedule was placed on hold as LAWA reviewed the design, color, and number of brackets. As part of the review process, the Artist, LAWA, and Curt Fentress conducted a bracket mock-up in the Sterile Corridor in October. In late October, via the Department of Cultural Affairs (DCA), LAWA requested the Artist to modify the design of the bracket. In late January 2013, LAWA informed DCA that it is not in favor of the ornate bracket; however, LAWA will not oppose it further. The Artist will resume working on the project and anticipates presenting the design to the Cultural Affairs Commission for final approval in February.

**Mark Bradford:** ADG recommended a type of fire sprinkler, which is an extension of the system ADG is using in the building. LADBS, ADG, DCA and the Artist are reviewing the flame retardant coating for the panels of the artwork and the status of its class rating over time. The artist is compiling further information about the coating.

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

### **Construction Progress**

Once the Artists have received Final Approval from the Cultural Affairs Commission, the Artists will receive a NTP with fabrication. Further notes on the specific projects:

**Ball-Nogues Studio:** The Artists received a Notice to Proceed in October and have started fabrication. The Artists need a five-month lead time for ordering materials until delivery for the project. Within this period, the ball chain will be purchased, manufactured, shipped to the painter, painted, spooled, and then delivered to the Artists. After the Artists receive the material, they will begin cutting and assembly, which will take approximately two to three months. A studio visit is anticipated in March/April.

**Pae White Studio:** Since the bracket component of the artwork was under consideration by LAWA, the Artist does not have a Notice to Proceed with fabrication. The bracket extrusion requires a long lead time. Approval of the artwork installation details by LAWA, DCA and LADBS as well as CBP is required prior to fabrication.

**Mark Bradford:** Artist received a NTP in December 2012, and will start fabrication in January/February 2013.

### **Budget Status**

Ball-Nogues and Mark Bradford have received their third milestone payments; Pae White has received her second milestone payment. This project is tracking to the budget.

### **Schedule Status**

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

**Pae White:** ADG recommends the Artist install first in the South Concourse and complete the work by June 28, 2013, and then installing in the North Concourse.

**Mark Bradford:** Depending on the TBIT construction process, the Artist's project is anticipated to complete on schedule with an installation occurring between December 2013 and February 2014.

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

### Issues

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

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

### **Project Description**

This project includes demolition of the existing concourses with the exception of Gate 123, demolition of any existing utilities and restores the site to an appropriate state for Apron construction.

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

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

### **Planning and Programming Status**

Project definition is complete.

### **Design Progress**

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

### **Construction Progress**

The Request for Proposal (RFP) for the construction contract will be released by February 2013.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

Project definition is complete.

### **Design Progress**

Design is 98% complete.

### **Construction Progress**

Work is ongoing on both the departures and arrivals levels. Installation of utilities are complete for all entrance canopies on the departures level and installation of structural steel to receive the sidewalk canopy metal ceiling and roofing system is anticipated to begin in early February 2013. Electrical work for the installation of light poles and light band is ongoing on both departures and arrivals levels. Escalators CE-3 & CE-4 are now open for public. The canopy above along with the associated site-work within the barricaded areas on level one will be completed by March 2013. Installation of new Escalators CE-1 & CE-2 will occur in February 2013, after which, the Canopy above will be completed towards the end of the project along with the associated site work within the barricaded areas on the arrivals level.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project is trending close to the targeted completion date of March 2013; with commissioning activities for various components stretching into April 2013.

### **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**

**CUP Building and Equipment:**

Deferred approvals for seismic restraints for the 2nd floor of the CUP have been received from LADBS. In addition the final seismic calculations documenting the design of the Solar Gas Turbine packages has also been received. This will not affect continued installation of the piping and equipment, but may impact inspection's sign-off if submittal of the calculations is not completed in the next month or so.

The few remaining deferred approvals are expected to be approved by mid-February 2013.

The gas meter installation requirements, including specific piping configurations required to maintain accuracy of the meters, have been received from the Gas Company. These requirements will be implemented in the upcoming installation of the meters over the next several months.

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

### **Construction Progress**

Equipment deliveries continued in January 2013 as the electric and steam operated chillers delivered in December 2012 were positioned, set and anchored into place. The drive units were set atop each of the chiller units with the exception of chiller #1 which should be completed by the end of January 2013. The water tube boilers, heat recovery equipment and surge tank pump skid were also delivered or set on the CUP's third floor. Major equipment deliveries are planned to be complete in February 2013.

Significant electrical progress and milestones were also achieved in January 2013. In coordination with Sasco and LADWP the load test of the IS 5119 mobile substation was completed in early January 2013 allowing the mobile substation to be energized by LADWP. Subsequently, the cooling tower electrical room has also been energized allowing further testing of the cooling tower equipment to commence working towards an early March 2013 start-up of the new West Cooling Tower. The load test was successfully completed by January 10, 2013 followed by energizing the West Cooling Tower Electrical Room on January 22, 2013.

### **Budget Status**

This project is trending under budget.

### **Schedule Status**

CMJV and LAWA are in discussion for schedule rebaseline and mitigation measures.

### **Issues**

Commissioning and start-up activities will become the primary focus of the west cooling tower activities throughout February 2013. As construction activities are completed and electrical services are activated the testing, start up and operation of Cooling Tower equipment and systems must be fully evaluated to allow for a successful activation and cut over of cooling tower operations to the new west towers and ultimately the demolition of the existing concrete cooling tower structure.

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## UTILITIES & INFRASTRUCTURE ELEMENT - Electrical, Communications and Water Utility Ext. - 5th Feeder Project (U020A)

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

No design contract is awarded.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

This project provides for the repair and replacement of aging structural expansion joints on the Second-Level Roadway (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 100% design has been submitted and is being reviewed.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

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

### **Schedule Status**

The City Council approved the construction management at risk (CMAR) ordinance for this project on December 5, 2012.

On January 14, 2013, the Board approved the authority to advertise a CMAR Request For Proposal (RFP) for this project.

### **Issues**

The design team has identified additional work associated with the project, including polyester concrete overlay, additional hinge repairs and the night-shift premium. The estimated cost of these changes was presented to the Board in September 2012.

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

### **Project Description**

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

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

The LADBS permit clearances including City Planning are in progress. The Habitat Plan has been finalized and the Coastal Commission Application was submitted on September 26, 2012.

On January 10, 2013, the California Coastal Commission conditionally approved the project application.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget; however the extensive permitting process may impact the budget.

### **Schedule Status**

This project is trending on schedule.

### **Issues**

None at this time.

---

## **LANDSIDE ELEMENT - Manchester Square / Belford Demolition Program (L015A)**

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition is complete.

### **Design Progress**

Design is complete.

### **Construction Progress**

On December 17, 2012, the Board awarded the contract to Asbestos Instant Response, Inc.; and the pre-construction meeting was conducted on January 30, 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule. NTP for mobilization is anticipated in February 2013.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition is complete.

### **Design Progress**

Design is complete.

### **Construction Progress**

Work in the Phase 1 area (the northern portion) is progressing. The bus shelter installation and striping and signage is underway.

Work in the Phase 2 area (the southern portion) continues. The clarifier system is installed and the fire protection scope is in progress.

Overall, construction is 67% complete.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

The projected completion for Phase 1 and 2 is late March 2013.

### **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**

Project planning is complete.

### **Design Progress**

No additional design is ongoing.

### **Construction Progress**

Four construction contracts have been awarded and are in different stages of sound mitigating 317 units.

This component of the Noise Mitigation / Soundproofing Program is 92% complete.

### **Budget Status**

This project is trending to complete on budget.

### **Schedule Status**

This project is on track to be completed in 2013.

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

Construction is 100% complete.

### **Budget Status**

This 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.

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

### **Construction Progress**

Priority I Site Mods - The contract has been closed out.

Priority II - Procurement - Fabrication is at 52%. Sixteen units in service.

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

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

Parking Structure MRL Elevators - Design contract was awarded April 2012. Design phase ongoing.

### **Budget Status**

The two completed contracts have finished within budget. Kone's last remaining item has been resolved and closeout of the construction contract paperwork is being completed. Kone's 1 year warranty followed by a 3 year maintenance contract has begun.

The remaining contracts are tracking on budget.

### **Schedule Status**

Priority II-IV Site Mods contract began June 20, 2012. First units were returned to service in December 2012.

### **Issues**

There are no issues affecting schedule or budget 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**

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

### **Construction Progress**

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

Construction work at Terminal 1 is 99% complete. Terminal 2 is nearing 70% complete; and the survey activities have completed.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The recovery schedule has been approved.

### **Issues**

Existing Field Conditions in Terminal 2 add to the complexity of completing the scope of work.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The design is complete.

### **Construction Progress**

ADA modifications to restrooms is complete. Installation of ACAMS door at Gate 30 and fire separation doors are planned for February 2013. Overall construction is 95% complete.

### **Budget Status**

There is a negative budget variance attributable to the allocation of shutdown-related costs, which were not anticipated within the baseline project budget; and prior period planning costs, only a portion of which are attributable to this project. The budget transactions required to resolve these issues are expected to be complete by March 2013.

### **Schedule Status**

See Issues section below.

### **Issues**

Installation of the fire separation doors was delayed due to ceiling utilities. The mitigation involves revising the door installation process. This did not impact the gate or ticket counter openings but impacted the schedule over a month.

## TERMINAL ELEMENT - ADA Accessibility Improvements (T016A)

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Phase 1A - Design is 100% complete.

Phase 1B/1C - The design for Terminal 2 was completed in January 2013. The design for the remaining Central Terminal Area (CTA), except that which covers Tom Bradley International Terminal, is anticipated to be complete in June 2013.

### **Construction Progress**

Phase 1A - Construction is 91% complete.

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

### **Budget Status**

Maintaining ramp access during construction could present a budget impact; and mitigation strategies are being reviewed.

### **Schedule Status**

The project is tracking on 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**

Design is 99% complete.

### **Construction Progress**

Exit sign at Terminal 5 Ramp Level is ongoing. Terminal 7 stair 70 fabrication in progress. Terminal 4 fire rated exit door at the exiting Tunnel begin at the end of January 2013. Other exit signs and door hardware installation is ongoing. The remaining work is estimated to be completed by August 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule, though additional scope in Terminal 5 is being considered which may impact schedule duration.

### **Issues**

See Schedule Status above.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Architectural/Engineering designers have conducted preliminary data collection and are finalizing a cost proposal for design services.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012 and Notice to Proceed was issued January 22, 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Architectural/Engineering designers have conducted preliminary data collection and are finalizing a cost proposal for design services.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012 and Notice to Proceed was issued January 22, 2013.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project is tracking to schedule.

### **Issues**

None at this time.

## TERMINAL ELEMENT - Terminal 2 Restroom Enhancements (T020A)

### **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals) for eight (8) of the public restrooms in the arrival, ticketing and departure level area. New doors, lighting, mirrors, toilet partitions, paper towel dispensers and soap dispensers will also be installed. There will be new HVAC distribution back to the nearest main trunk line, new electrical distribution and new plumbing within the restroom, among other associated work.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Architectural/Engineering designers have conducted preliminary data collection and are finalizing a cost proposal for design services.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012 and Notice to Proceed was issued January 22, 2013.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

## TERMINAL ELEMENT - Terminal 7 Restroom Enhancements (T022A)

### **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals) for fifteen (15) restrooms in the terminal. New doors, lighting, mirrors, toilet partitions, paper towel dispensers and soap dispensers will also be installed. There will be new HVAC distribution back to the nearest main trunk line, new electrical distribution and new plumbing within the restroom, among other associated work.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 30% complete.

The Board approved on-call design services contract on October 15, 2012. Design is anticipated to begin in February 2013.

### **Construction Progress**

The project is proceeding with design only at this time.

### **Budget Status**

The budget currently reflects both design and construction; and will be reduced to reflect only the design by April 2013.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

## TERMINAL ELEMENT - Terminal 2 Electrical Upgrade (T023A)

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

A design proposal for this scope of work is being prepared.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012 and Notice to Proceed was issued January 22, 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule

### **Issues**

None at this time.

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## WORK IN PROGRESS OVERVIEW

### User's Guide - Work in Progress

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

---

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

### **Project Description**

This project entails the construction of approximately 200,000-sq. yards (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 100,000-sq. yards (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 nearing completion.

---

## WORK IN PROGRESS - Bradley West Outbound Baggage Handling System (M404A)

### **Project Description**

This project enhances and modifies the existing TBIT In-line Baggage Handling System (BHS) to provide better processing and increased throughput of baggage to accommodate future predicted growth. This will be accomplished primarily by revamping the existing layout to provide more BHS Checked Baggage Inspection room.

### **Issues**

The project definition phase is underway. The focus is developing a simulation of the current system to help identify problems and provide possible solutions; and to review the current TBIT in-line mechanical layout against the latest TSA requirements.

---

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

### **Project Description**

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

### **Issues**

The procurement process is on schedule; and a recommendation to award the construction contract is planned for the Board in March 2013.

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

### **Project Description**

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

### **Issues**

The Project Definition phase is underway.

---

## WORK IN PROGRESS - Terminal MPOE and IT Room Expansion (T014A)

### **Project Description**

This project implements twenty-five (25) Terminal Minimum Point of Entry (MPOE) and IT Rooms within the existing terminals. These IT rooms provide an industry-standard, clean and secure, permanent space for the next generation of network switching, application servers and other IT support equipment.

### **Issues**

The Project Definition phase is complete.

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

### **Project Description**

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

### **Issues**

The Project Definition phase is complete.

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## **WORK IN PROGRESS - Midfield Satellite Concourse (North Gates) (T026A)**

### **Project Description**

The new Midfield Satellite Concourse west of the Tom Bradley International Terminal (TBIT) is expected to provide aircraft gates for Group VI aircraft such as the A380 and the Boeing 747-8. This facility is intended to serve international flights, replacing the remote bus gates on the west side of the Airport. TBIT will continue to provide passenger processing for departing passengers (ticketing, security screening, baggage screening) and FIS processing, baggage claim and meter-greeter lobby for arriving passengers.

### **Issues**

The Project Definition Phase is underway.

---

## **WORK IN PROGRESS - Passenger Boarding Bridge Relocation (T028A)**

### **Project Description**

This project undertakes the relocation of several Passenger Boarding Bridges (PBB) that will be removed from the existing Tom Bradley International Terminal (TBIT) gates.

### **Issues**

The Project Definition Phase is underway.

---

## **WORK IN PROGRESS -Terminal 6 Electrical Upgrade (T025A)**

### **Project Description**

This project upgrades the electrical power distribution in Terminal 6. The upgrade involves work in the electrical rooms and other rooms or areas in Terminal 6 where electrical distribution panels are located.

### **Issues**

The Project Definition Phase is nearing completion.

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## PROGRAM MASTER SCHEDULE OVERVIEW

### User's Guide - Schedule

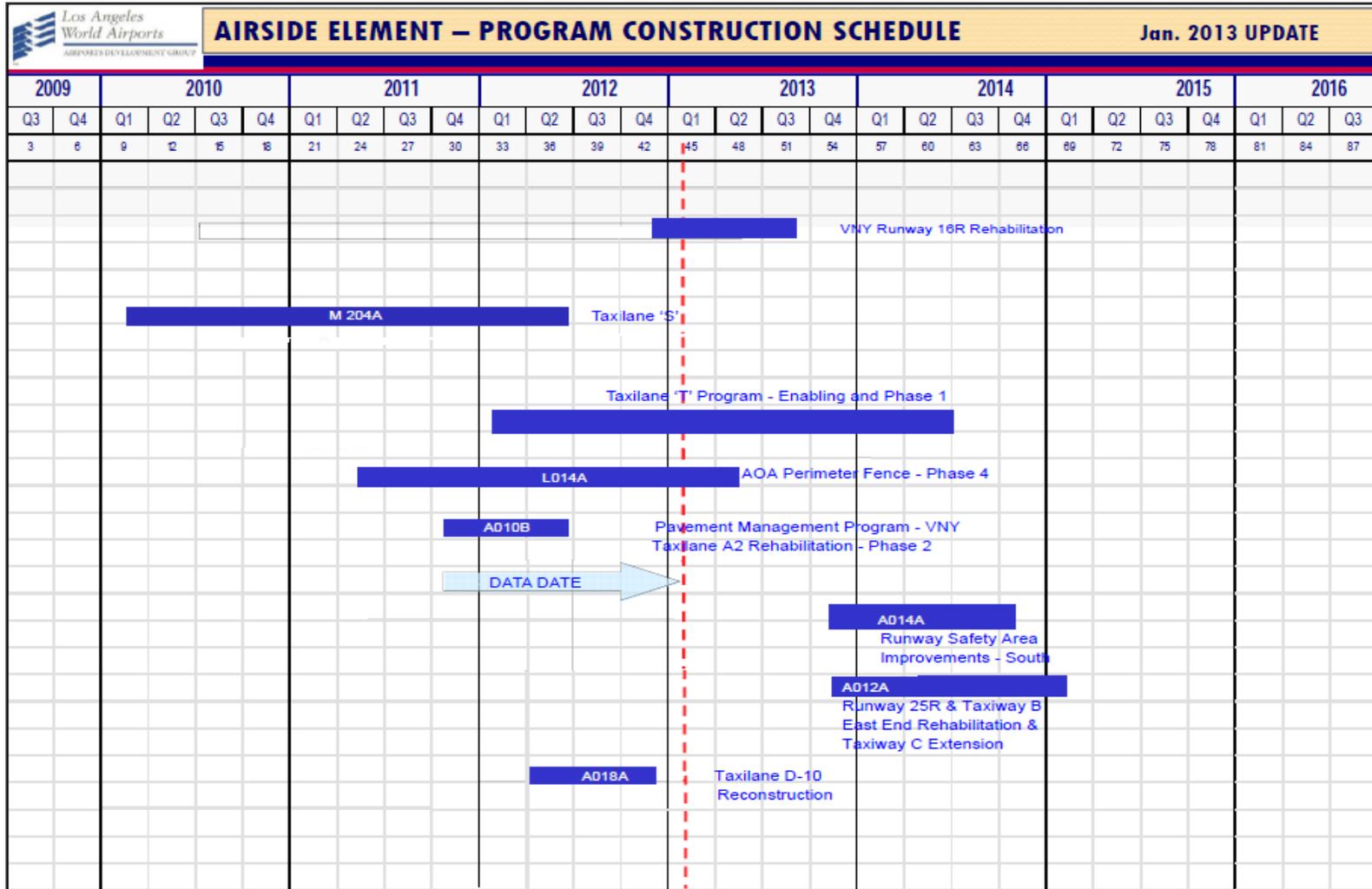
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

**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.

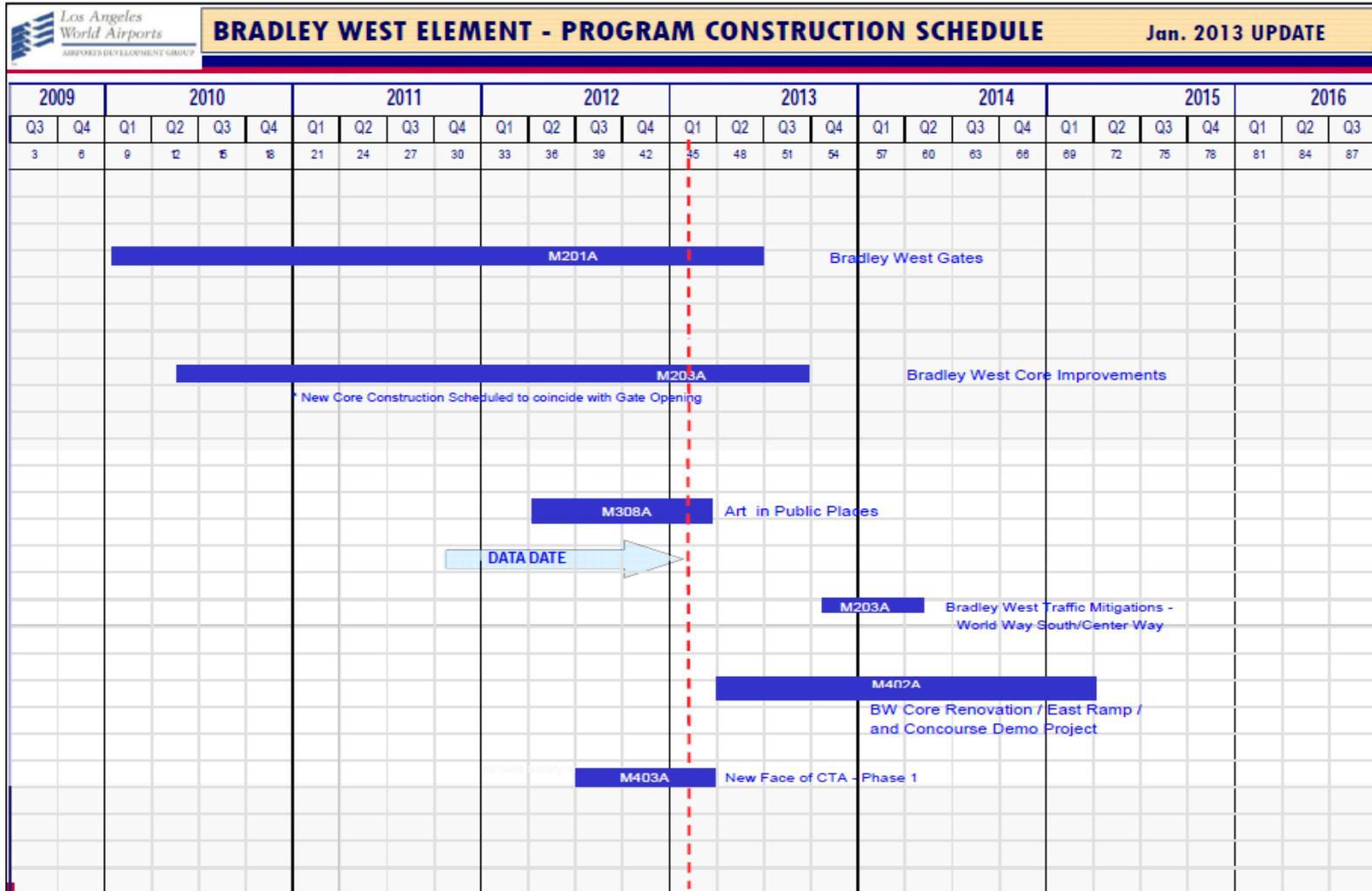
**Project Schedule Bar** - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

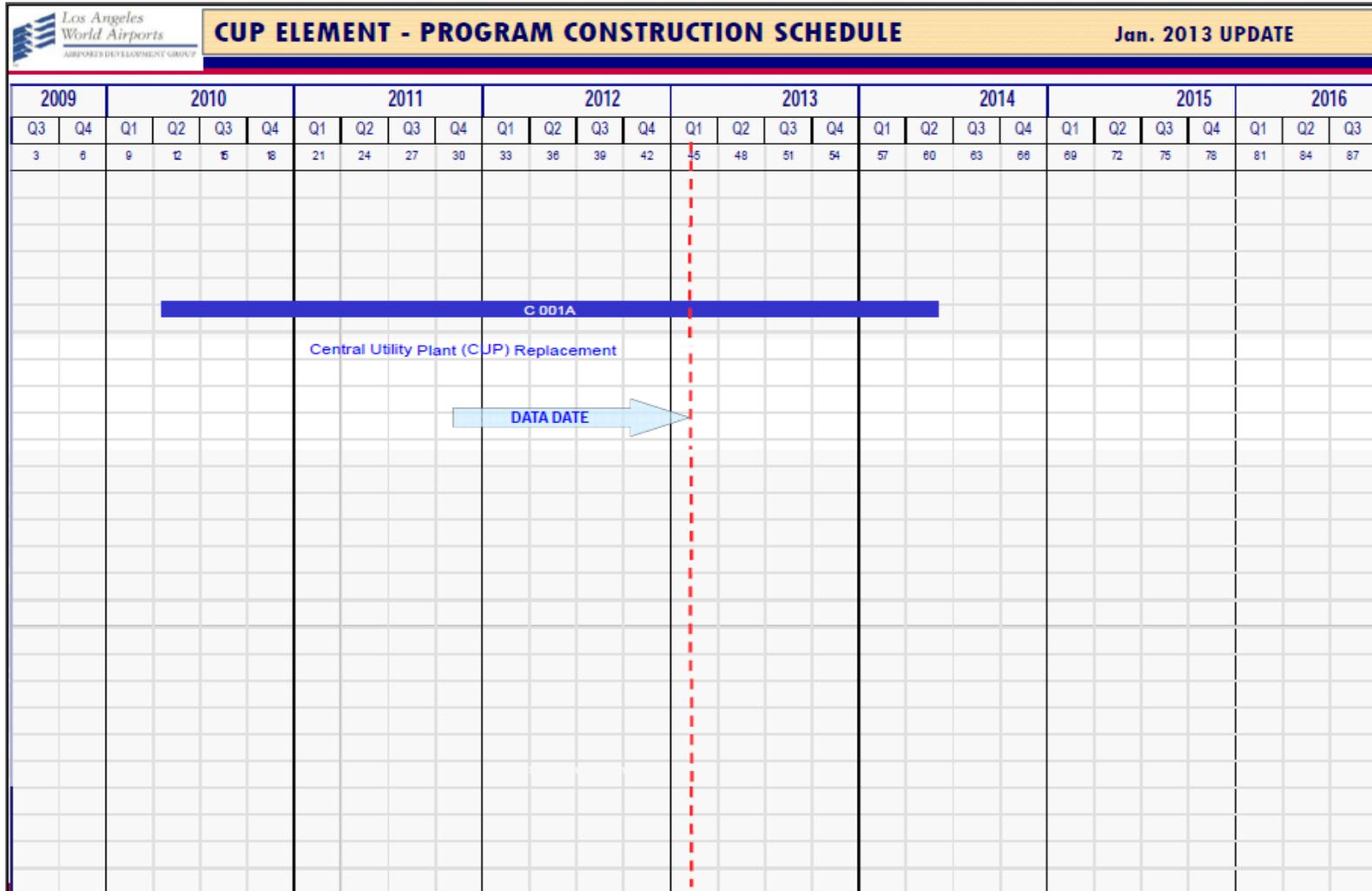
## PROGRAM MASTER SCHEDULE - Continued



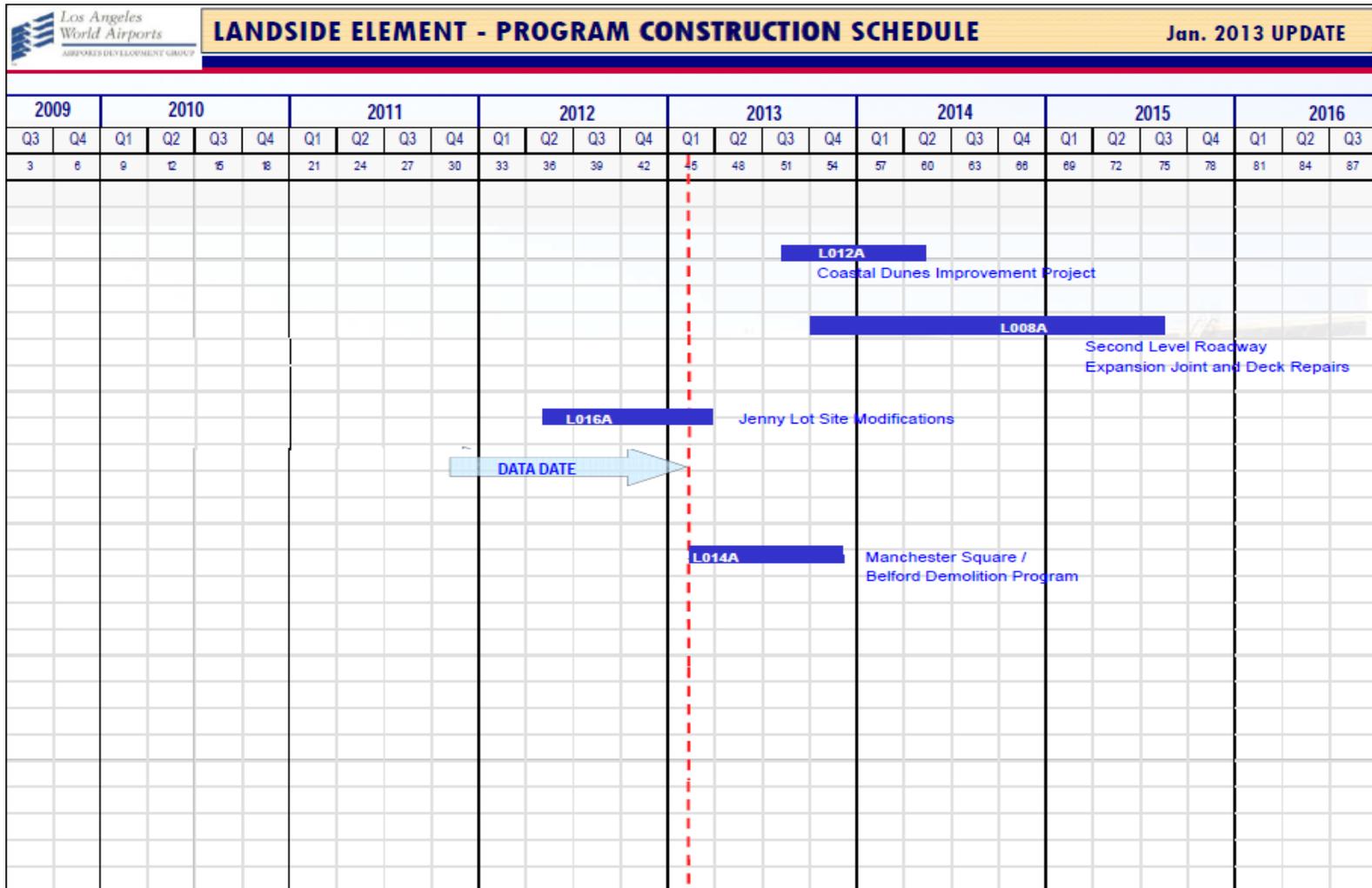
# PROGRAM MASTER SCHEDULE - Continued



## PROGRAM MASTER SCHEDULE - Continued



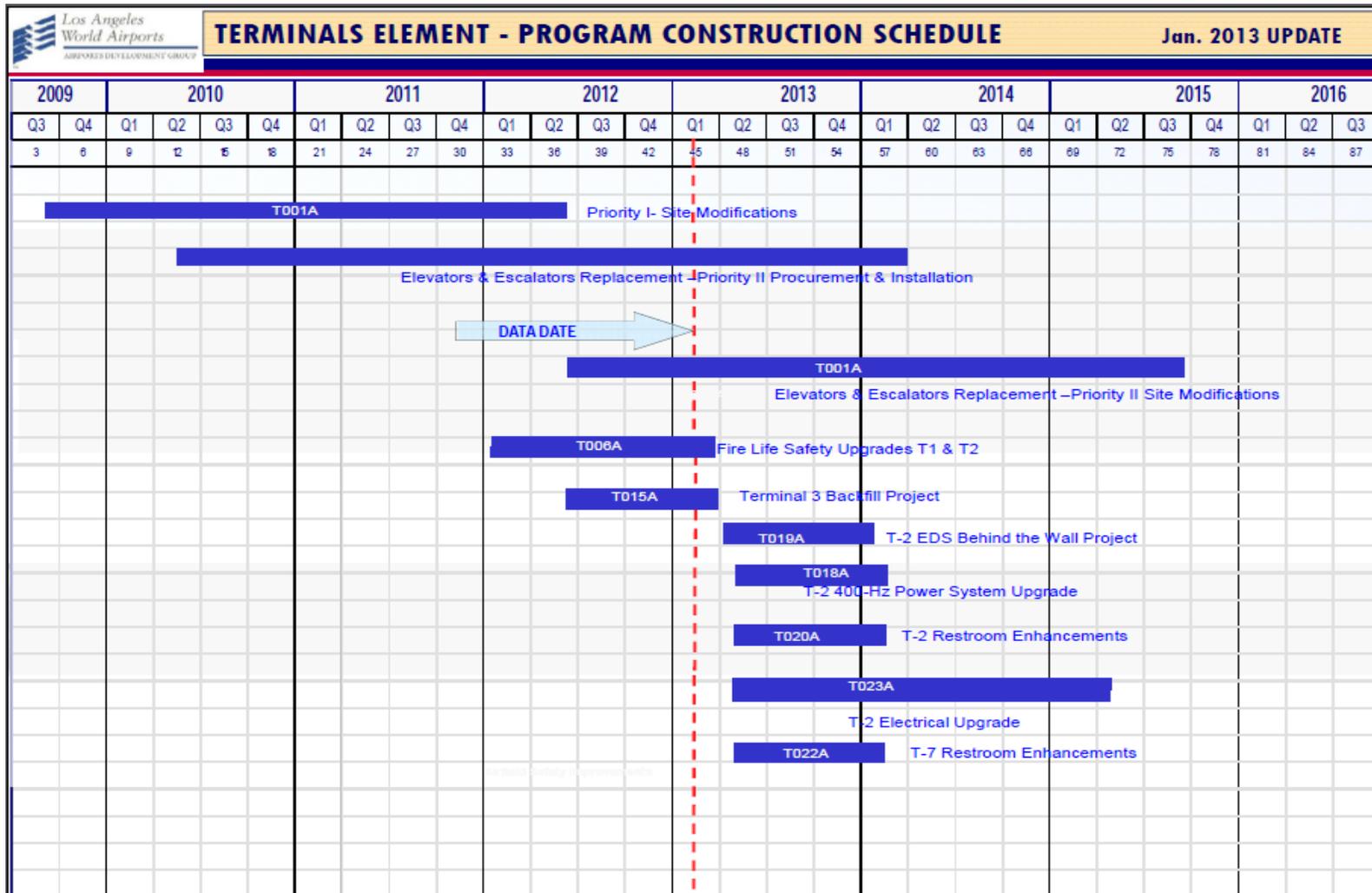
## PROGRAM MASTER SCHEDULE - Continued



# PROGRAM MASTER SCHEDULE - Continued

 <b>RESIDENTIAL/ SOUNDPROOFING ELEMENT- PROGRAM SCHEDULE</b> <span style="float: right;">Jan. 2013 UPDATE</span>																												
2009		2010				2011				2012				2013				2014				2015				2016		
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87
<div style="border: 1px solid blue; background-color: blue; color: white; padding: 2px; display: inline-block;">S002A</div> 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.

Note that the Closed Projects are now reported within the individual Elements.

Baseline Budget - Is the estimated cost of the project as it was first reported in an Element.

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 1/31/2013

(dollars in thousands)								
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>Capital Budget 1</b>								
Airside Element	506,810	503,110	378,670	354,858	488,773	14,337	73%	75%
Bradley West Element	2,040,915	1,920,365	1,506,969	1,224,718	1,880,049	40,315	65%	26%
CUP Replacement Element	423,835	423,835	356,571	236,635	406,612	17,222	58%	27%
Utilities & Infrastructure Element	8,175	13,994	13,994	13,641	13,994	0	97%	100%
Residential/Soundproofing Element	180,000	160,000	156,225	147,237	160,000	0	92%	0%
Terminal Element	270,000	240,035	192,352	79,483	203,926	36,109	39%	9%
	<b>3,429,735</b>	<b>3,261,338</b>	<b>2,604,780</b>	<b>2,056,573</b>	<b>3,153,354</b>	<b>107,984</b>	<b>65%</b>	<b>34%</b>
<b>Capital Budget 2</b>								
Airside Element	167,864	164,959	45,637	21,727	152,610	12,350	14%	5%
Utilities & Infrastructure Element	12,544	12,544	61	61	11,183	1,360	1%	0%
Landside Element	31,114	31,114	10,118	2,935	29,869	1,245	10%	0%
Residential/Soundproofing Element	1,317	1,317	1,030	908	1,214	103	75%	0%
Terminal Element	80,793	80,433	12,182	6,762	67,755	12,678	10%	39%
	<b>293,632</b>	<b>290,368</b>	<b>69,027</b>	<b>32,394</b>	<b>262,631</b>	<b>27,737</b>	<b>12%</b>	<b>9%</b>
<b>Subtotal</b>	<b>3,723,367</b>	<b>3,551,705</b>	<b>2,673,808</b>	<b>2,088,965</b>	<b>3,415,984</b>	<b>135,721</b>	<b>N/A</b>	<b>N/A</b>
Unallocated Contingency	N/A	174,024	0	0	N/A	N/A	N/A	N/A
Work in Progress	N/A	0	14,932	11,809	N/A	N/A	N/A	N/A
	N/A	<b>0</b>	<b>14,932</b>	<b>11,809</b>	N/A	N/A	N/A	N/A
<b>Program Total</b>	N/A	<b>3,725,729</b>	<b>2,688,740</b>	<b>2,100,775</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 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>AIRSIDE</b>									
<b>Capital Budget 1</b>									
M204A	Taxilane 'S'	174,980	162,041	159,808	147,249	161,286	755	91%	84%
M306A	Taxilane 'T'	96,500	156,284	35,059	27,968	143,338	12,946	20%	18%
M209A	Construction Support Facilities	14,790	9,475	8,497	7,584	8,839	636	86%	57%
Closed	M000A - Associated Projects	1,340	1,607	1,605	1,476	1,607	0	92%	97%
Closed	M101A - Crossfield Taxiway Project	177,760	137,245	137,245	134,239	137,245	0	98%	100%
Closed	M107A - LAX Aircraft Rescue and Fire Fighting Facility	14,190	14,216	14,216	14,119	14,216	0	99%	100%
Closed	M309A - American Airlines Settlement	27,250	22,241	22,241	22,224	22,241	0	100%	100%
<b>Capital Budget 1 Total</b>		<b>506,810</b>	<b>503,110</b>	<b>378,670</b>	<b>354,858</b>	<b>488,773</b>	<b>14,337</b>	<b>73%</b>	<b>75%</b>
<b>Capital Budget 2</b>									
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	6,701	3,024	41,159	2,078	7%	0%
A018A	Taxilane D-10 Reconstruction	9,062	9,062	7,584	7,113	7,459	1,603	95%	0%
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	26	26	67,802	5,404	0%	0%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,583	2,325	2,563	370	91%	18%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	5,908	3,103	6,041	465	51%	3%
A016A	VNY Runway 16R Rehabilitation	20,483	20,483	17,767	1,070	18,374	2,109	6%	0%
Closed	A010A - Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	5,065	5,065	5,065	5,065	0	100%	100%

## AIRSIDE ELEMENT BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	<b>Capital Budget 2</b>								
A019A	ONT Runway 8L RSA Improvement	4,467	4,467	1	1	4,147	320	0%	0%
	<b>Capital Budget 2 Total</b>	<b>167,864</b>	<b>164,959</b>	<b>45,637</b>	<b>21,727</b>	<b>152,610</b>	<b>12,350</b>	<b>14%</b>	<b>5%</b>
	<b>Airside Total</b>	<b>674,674</b>	<b>668,070</b>	<b>424,307</b>	<b>376,586</b>	<b>641,383</b>	<b>26,687</b>		

Notes: 1. The current budget and estimate at completion excludes escalation

## BRADLEY WEST ELEMENT BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>BRADLEY WEST</b>									
<b>Capital Budget 1</b>									
M201A	Bradley West Gates	906,474	850,899	765,744	681,073	840,829	10,070	81%	40%
M203A	Bradley West Core Improvements	808,364	736,089	674,928	506,671	733,822	2,267	69%	12%
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	735	129	7	735	0	1%	0%
M308A	Art In Public Places	5,360	5,360	5,360	3,036	5,360	0	57%	0%
M402A	Bradley West Core Renovation/East Ramp and Concourse Demo Project	273,170	268,870	22,792	21,278	249,593	19,277	9%	0%
M403A	New Face of CTA - Phase 1	43,270	56,261	35,865	10,578	47,559	8,702	22%	0%
Closed	M203B - Construction Traffic Mitigations	3,542	2,151	2,151	2,099	2,151	0	98%	100%
<b>Capital Budget 1 Total</b>		<b>2,040,915</b>	<b>1,920,365</b>	<b>1,506,969</b>	<b>1,224,742</b>	<b>1,880,049</b>	<b>40,315</b>	<b>65%</b>	<b>26%</b>
<b>Bradley West Total</b>		<b>2,040,915</b>	<b>1,920,365</b>	<b>1,506,969</b>	<b>1,224,742</b>	<b>1,880,049</b>	<b>40,315</b>		

Notes: 1. The current budget and estimate at completion excludes escalation

## CUP REPLACEMENT ELEMENT BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>CUP REPLACEMENT</b>									
<b>Capital Budget 1</b>									
C001A	Central Utility Plant	423,835	423,835	356,749	236,636	406,612	17,222	58%	27%
<b>Capital Budget 1 Total</b>		<b>423,835</b>	<b>423,835</b>	<b>356,749</b>	<b>236,636</b>	<b>406,612</b>	<b>17,222</b>	<b>58%</b>	<b>27%</b>
<b>CUP Replacement Total</b>		<b>423,835</b>	<b>423,835</b>	<b>356,749</b>	<b>236,636</b>	<b>406,612</b>	<b>17,222</b>		

Notes: 1. The current budget and estimate at completion excludes escalation

## UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>UTILITIES &amp; INFRASTRUCTURE</b>									
<b>Capital Budget 1</b>									
U009A	Airport Response Coordination Center (ARCC)	8,175	13,994	13,994	13,641	13,994	0	97%	100%
<b>Capital Budget 1 Total</b>		<b>8,175</b>	<b>13,994</b>	<b>13,994</b>	<b>13,641</b>	<b>13,994</b>	<b>0</b>	<b>97%</b>	<b>100%</b>
<b>Capital Budget 2</b>									
U020A	Electrical, Communications and Water Utility Ext. - 5th Feeder Project	12,544	12,544	61	61	11,183	1,360	1%	0%
<b>Capital Budget 2 Total</b>		<b>12,544</b>	<b>12,544</b>	<b>61</b>	<b>61</b>	<b>11,183</b>	<b>1,360</b>	<b>1%</b>	<b>0%</b>
<b>Utilities &amp; Infrastructure Total</b>		<b>20,719</b>	<b>26,538</b>	<b>14,055</b>	<b>13,702</b>	<b>25,177</b>	<b>1,360</b>		

Notes: 1. The current budget and estimate at completion excludes escalation

## LANDSIDE ELEMENT BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>LANDSIDE</b>									
<b>Capital Budget 2</b>									
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	18,900	2,008	1,488	18,500	400	8%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	558	370	2,949	51	13%	0%
L015A	Manchester Square / Belford Demolition Program	1,981	1,981	936	73	1,187	794	6%	0%
L016A	Jenny Lot Site Modifications	7,233	7,233	6,615	1,004	7,233	0	14%	0%
<b>Capital Budget 2 Total</b>		<b>31,114</b>	<b>31,114</b>	<b>10,118</b>	<b>2,935</b>	<b>29,869</b>	<b>1,245</b>	<b>10%</b>	<b>0%</b>
<b>Landside Total</b>		<b>31,114</b>	<b>31,114</b>	<b>10,118</b>	<b>2,935</b>	<b>29,869</b>	<b>1,245</b>		

Notes: 1. The current budget and estimate at completion excludes escalation

## RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>RESIDENTIAL/SOUNDPROOFIN</b>									
<b>Capital Budget 1</b>									
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	156,225	147,237	160,000	0	92%	0%
<b>Capital Budget 1 Total</b>		<b>180,000</b>	<b>160,000</b>	<b>156,225</b>	<b>147,237</b>	<b>160,000</b>	<b>0</b>	<b>92%</b>	<b>0%</b>
<b>Capital Budget 2</b>									
S008A	VNY Soundproofing	1,317	1,317	1,030	908	1,214	103	75%	0%
<b>Capital Budget 2 Total</b>		<b>1,317</b>	<b>1,317</b>	<b>1,030</b>	<b>908</b>	<b>1,214</b>	<b>103</b>	<b>75%</b>	<b>0%</b>
<b>Residential/Soundproofing Total</b>		<b>181,317</b>	<b>161,317</b>	<b>157,255</b>	<b>148,145</b>	<b>161,214</b>	<b>103</b>		

Notes: 1. The current budget and estimate at completion excludes escalation

## TERMINAL ELEMENT BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	<b>TERMINAL</b>								
	<b>Capital Budget 1</b>								
T001A	Elevators and Escalators Replacement	270,000	240,035	192,352	79,483	203,926	36,109	39%	9%
	<b>Capital Budget 1 Total</b>	<b>270,000</b>	<b>240,035</b>	<b>192,352</b>	<b>79,483</b>	<b>203,926</b>	<b>36,109</b>	<b>39%</b>	<b>9%</b>
	<b>Capital Budget 2</b>								
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,112	2,211	3,335	921	66%	0%
T015A	Terminal 3 Backfill Project	5,846	6,531	7,248	3,548	7,526	(995)	47%	98%
T016A	ADA Accessibility Improvements	2,000	2,000	572	331	1,788	212	19%	0%
T017A	Concessions Enabling Project	3,445	3,445	517	517	870	2,575	59%	0%
T018A	Terminal 2 400-Hz Power System Upgrade	1,676	1,676	107	51	1,556	120	3%	0%
T019A	Terminal 2 EDS Behind the Wall Project	14,246	14,246	625	102	12,003	2,244	1%	0%
T020A	Terminal 2 Restroom Enhancements	3,112	3,112	0	0	2,622	490	0%	0%
T022A	Terminal 7 Restroom Enhancements	6,159	6,159	1	1	5,189	970	0%	0%
T023A	Terminal 2 Electrical Upgrade	39,009	39,009	0	0	32,866	6,143	0%	0%
	<b>Capital Budget 2 Total</b>	<b>80,793</b>	<b>80,433</b>	<b>12,182</b>	<b>6,762</b>	<b>67,755</b>	<b>12,678</b>	<b>10%</b>	<b>39%</b>
	<b>Terminal Total</b>	<b>350,793</b>	<b>320,468</b>	<b>204,534</b>	<b>86,245</b>	<b>271,681</b>	<b>48,787</b>		

Notes: 1. The current budget and estimate at completion excludes escalation.

2. The Terminal 3 Backfill Project has a negative variance caused by the allocation of planning and shutdown related costs.

## WORK IN PROGRESS BUDGET REPORT as of 1/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>WORK IN PROGRESS</b>									
<b>Capital Budget 2</b>									
A017A	West Maintenance Area	N/A	0	8,409	7,532	N/A	N/A	N/A	N/A
M404A	Bradley West Outbound Baggage Handling System	N/A	0	3,095	1,051	N/A	N/A	N/A	N/A
T011A	Terminal 4 Connector	N/A	0	720	548	N/A	N/A	N/A	N/A
T012A	New Face of the CTA - Phase 2	N/A	0	2,680	2,679	N/A	N/A	N/A	N/A
T014A	Terminal MPOE and IT Room Expansion	N/A	0	0	0	N/A	N/A	N/A	N/A
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	N/A	0	0	0	N/A	N/A	N/A	N/A
T026A	Midfield Satellite Concourse (North Gates)	N/A	0	28	0	N/A	N/A	N/A	N/A
T025A	Terminal 6 Electrical Upgrade	N/A	0	0	0	N/A	N/A	N/A	N/A
<b>Capital Budget 2 Total</b>		<b>0</b>	<b>0</b>	<b>14,932</b>	<b>11,809</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Work in Progress Total</b>		<b>N/A</b>	<b>0</b>	<b>14,932</b>	<b>11,809</b>	<b>N/A</b>	<b>N/A</b>		

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.

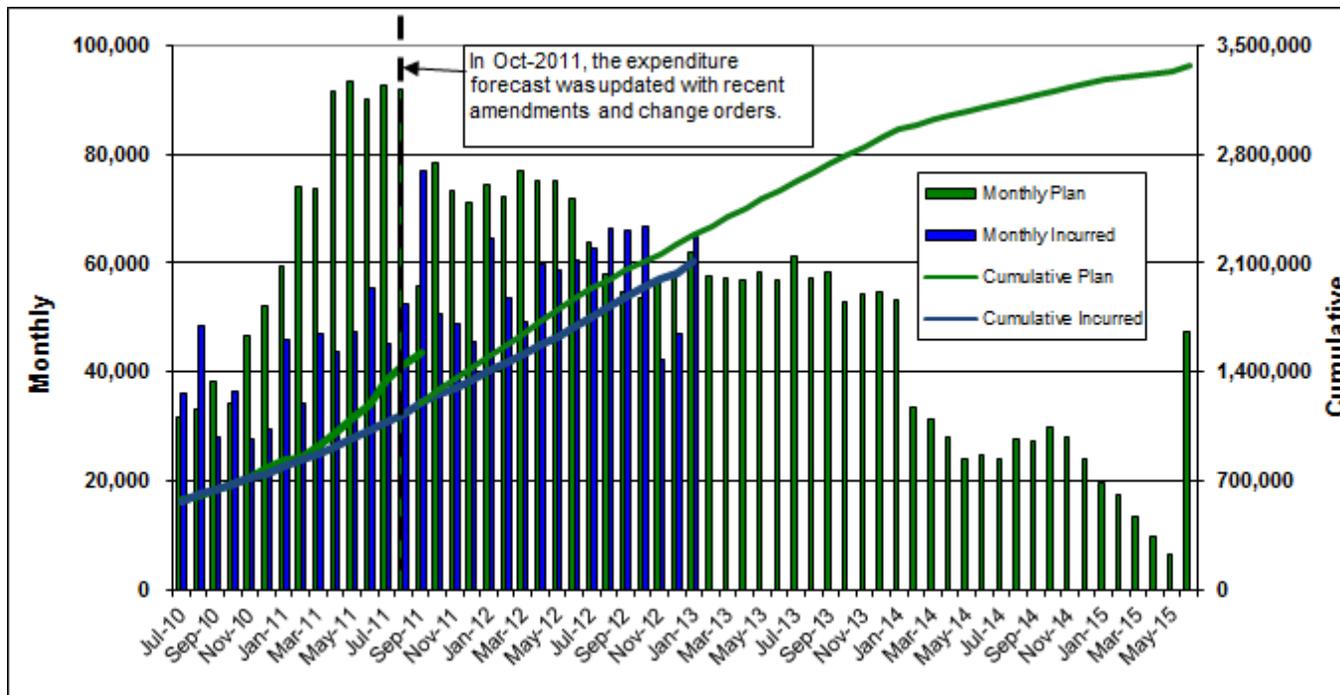
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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 1/31/2013

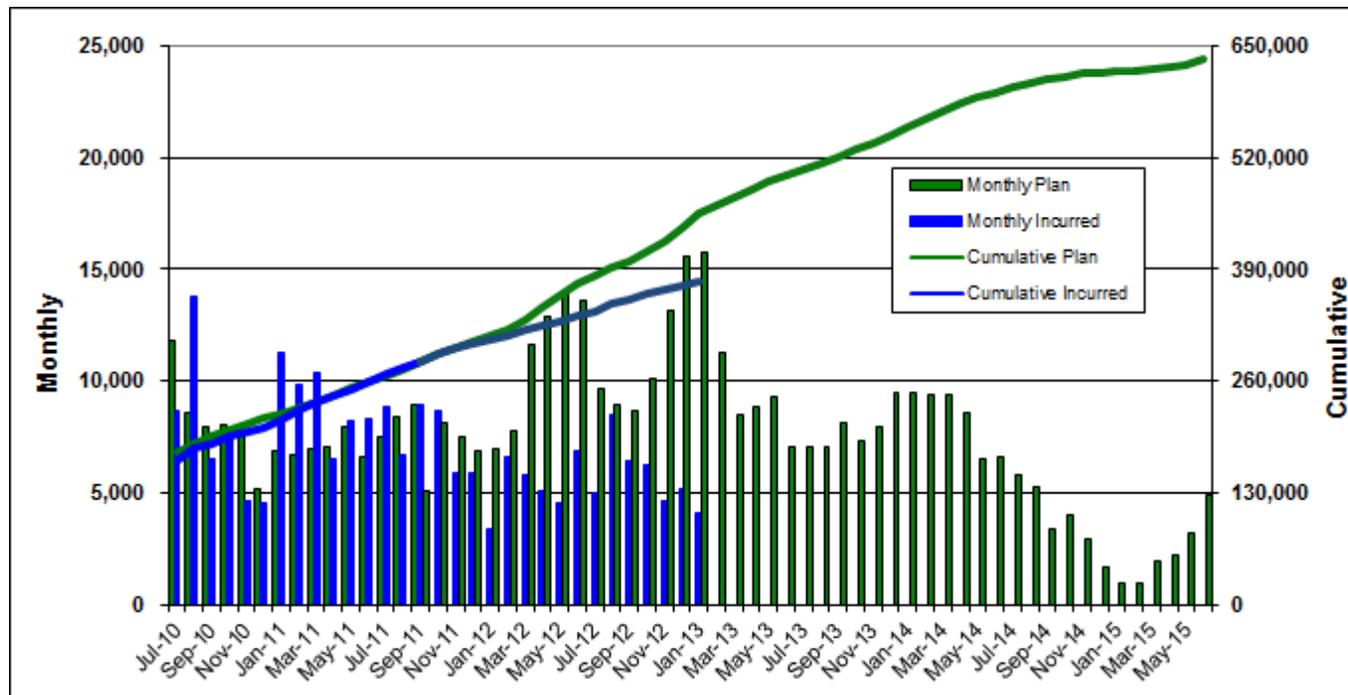


Notes:

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

# AIRSIDE ELEMENT CASH FLOW

as of 1/31/2013

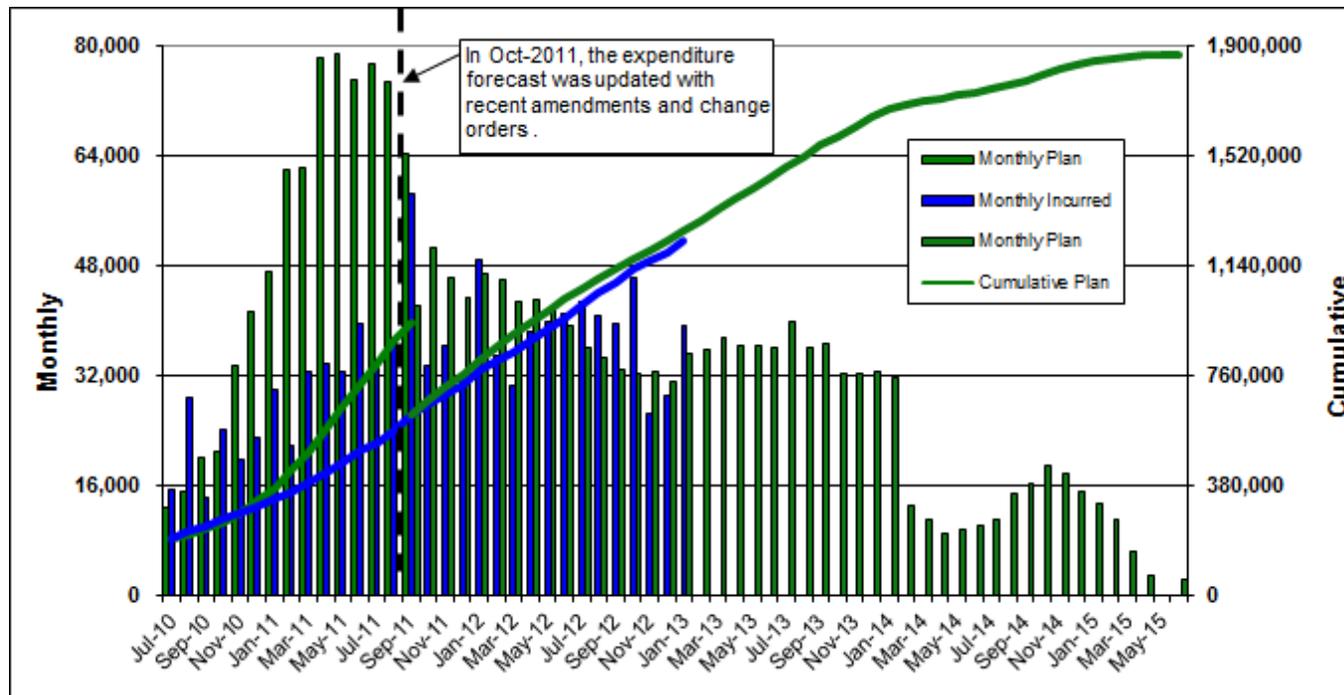


Notes:

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

## BRADLEY WEST ELEMENT CASH FLOW

as of 1/31/2013

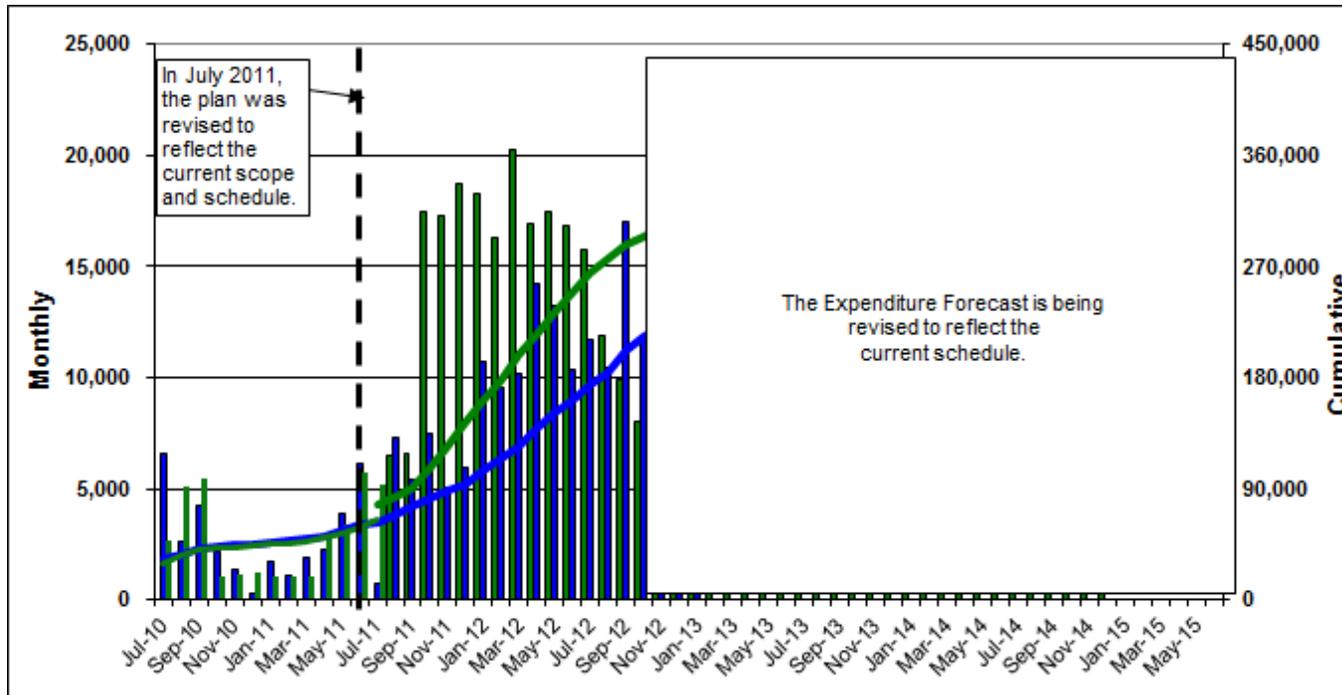


Notes:

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

# CUP REPLACEMENT CASH FLOW

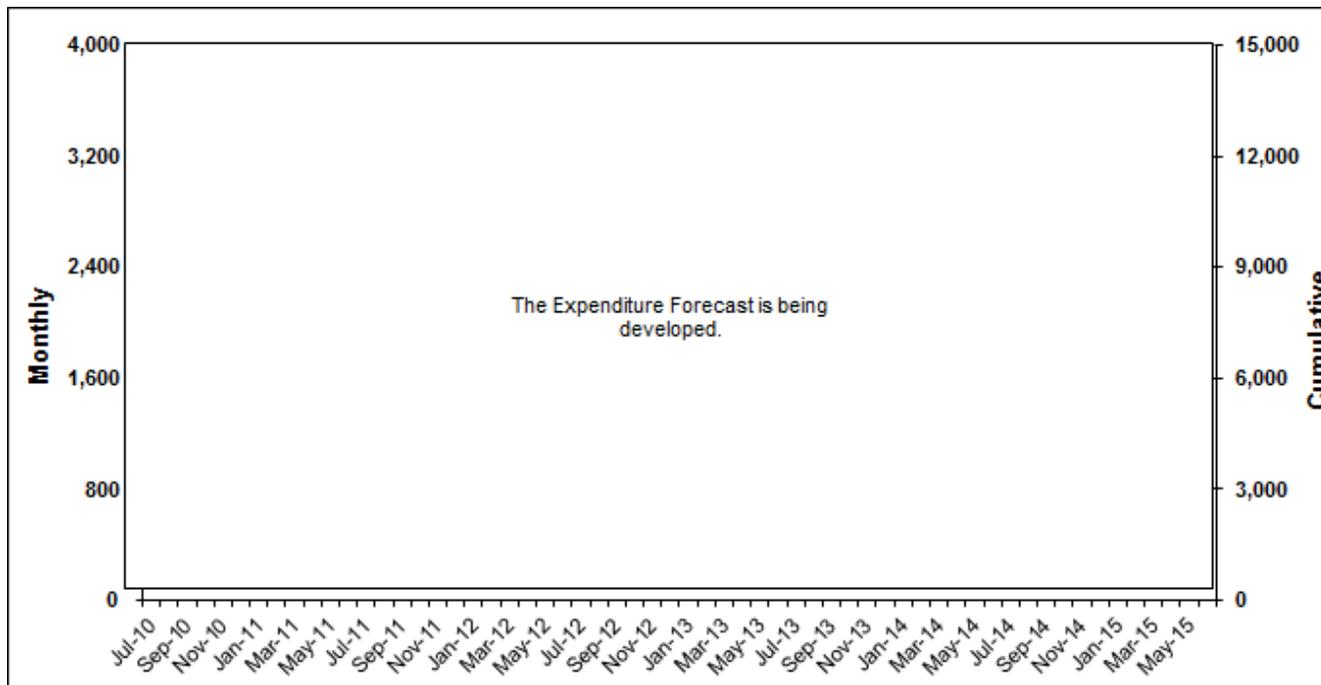
as of 1/31/2013



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

## UTILITIES & INFRASTRUCTURE ELEMENT CASH FLOW

as of 1/31/2013

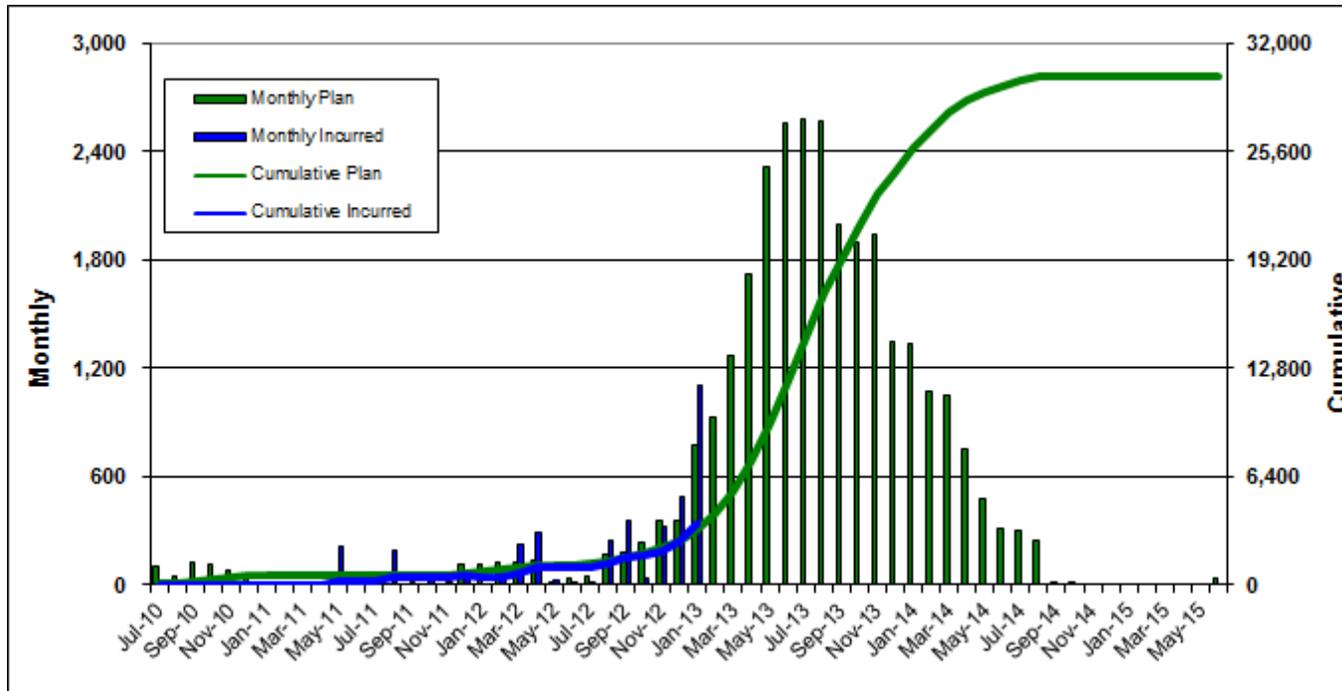


Notes:

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

## LANDSIDE ELEMENT CASH FLOW

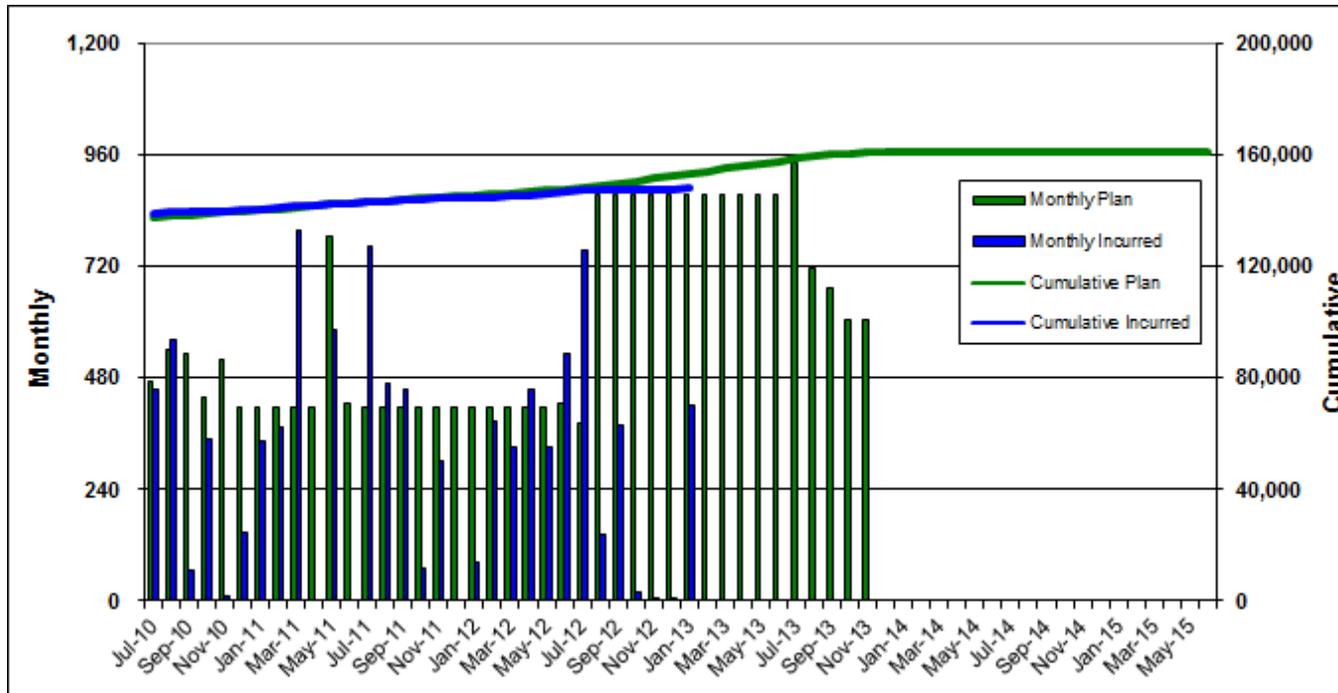
as of 1/31/2013



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

## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

as of 1/31/2013

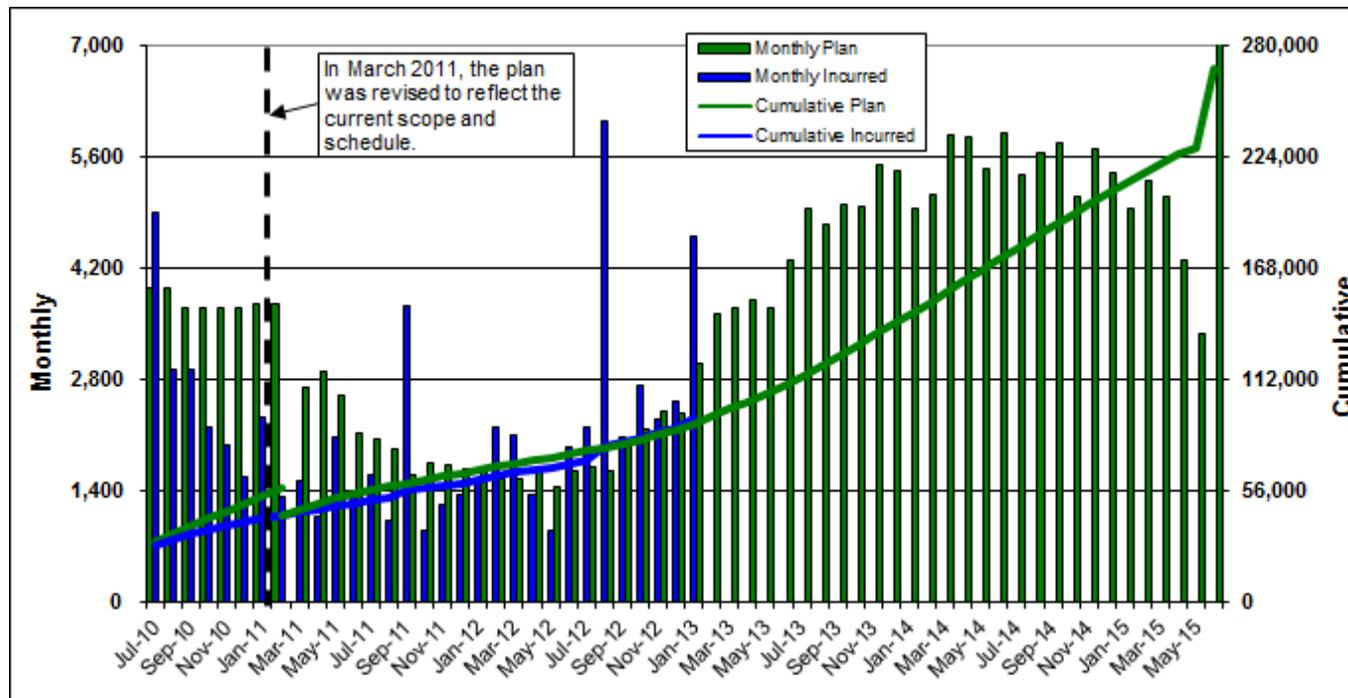


Notes:

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

## TERMINALS ELEMENT CASH FLOW

as of 1/31/2013



- 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 1/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>							
<b>A018A - TAXILANE D-10 RECONSTRUCTION</b>							
	DA-4705		0005		(\$466,605)		Re-stake Phases 2A and 2B, Gate Closure for Additional Striping, Final Quantity Adjustments to Unit Prices, Revised HP-7 Tie-In Location, Patch and Repair Electrical Room Core Hole, Re-Layout Striping and Removal of Cure in Phase 1 & 2, Remove Abandoned Fuel Lines, Sully Miller T&M Proposals, Final Allowance Adjustments
	DA-4705		0006	\$0			Non-Compensable Calendar Time Extension to the Contract
<b>M204A - TAXILANE 'S'</b>							
	DA-4398		0071		(\$427,005)		Credit for unused portion of Change Order No. 2, Credit for unused portion of Change Order No. 13, Credit for unused portion of Change Order No. 27, Credit for unused portion of Change Order No. 30, Credit for unused portion of Change Order No. 35
	DA-4398		0072		\$270,146		WWW Retaining Wall Adjustments

## CHANGE ORDERS - Continued as of 1/31/2013

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		0040		\$377,893		BWG - Elevator Cutover for Gate 123 (General Conditions)
	DA-4337/CGMP01		0041	\$2,710			BWG - Supplemental Temporary Signage (Signs)
	DA-4337/CGMP01		0042	\$8,223			BWG Provide a Line of Low Level Lighted and Reflective Taped Barricades
	DA-4337/CGMP02		0355	\$16,481			BWG Added Framing to Support Deck Extension at Gridline S1 (Steel)
	DA-4337/CGMP02		0356	\$14,630			BWG- Level 5 Embed Type H1 for W30x116 at Gate 130
	DA-4337/CGMP02		0357	\$14,629			BWG - Structural Steel Revisions At Bus Connector Escalator Framing - (Steel)
	DA-4337/CGMP02		0358	\$2,195			BWG - CCP - Installation of Valve Can and Sewer Cleanout Cover/Can
	DA-4337/CGMP02		0359	\$40,254			BWG Taxilane S LAWA 34.5 KV and WAJV 16" DW Line Conflict
	DA-4337/CGMP02		0360	\$4,951			BWG - S21 East and West Elevation Expansion Joint Conditions (Curtainwall)
	DA-4337/CGMP02		0361	\$20,251			BWG - BLT H023C, Re: DW Line C & Redundant FW Connection (Utilities)
	DA-4337/CGMP02		0362		\$341,606		Phase 2 Temporay Fire Water Line and Fire Hydrants (Site Utilities CCP/1)
	DA-4337/CGMP02		0363	\$26,957			BWG - Bulletin H068B ADU LADWP 4.8KV and LAWA Communication Duct
	DA-4337/CGMP02		0364	\$16,963			BWG - CCP- AVAC Vault B-1 Conflict with LADWP Ductbank (Site Utilities)
	DA-4337/CGMP03		0095	\$3,668			CCP - Temporary AC Sidewalk at Gate 131 to Temporary Certificate of
	DA-4337/CGMP03		0096	\$27,006			BWG - Bulletin H69 LAWA 34.5 kV Ductbank Extension
	DA-4337/CGMP03		0097	(\$13,895)			BWG - CCP - Charging Station House Keeping Pads Credit
	DA-4337/CGMP03		0098	\$114,947			BWG - Construction of Curb Opening for Catch Basins in Tug Passes
	DA-4337/CGMP03		0099	\$26			CCP - Drainage Details Sheet C466 Bulletin H-74 Changes from FRP to
	DA-4337/CGMP03		0100	(\$15,410)			BWG Bulletin H24A Re: Blowoff Air Relief Valve Locations - RW Only
	DA-4337/CGMP03		0101	\$5,755			BWG - CCP - Emergency Fuel Shut Off (EFSO) 130A Station Relocation
	DA-4337/CGMP03		0102	\$18,342			BWG - BLT H023C, Re: DW Line C & Redundant FW Connection (Excavation)
	DA-4337/CGMP03		0103	\$87,742			Phase 2 Temporay Fire Water Line and Fire Hydrants (Utilities CCP/2)
	DA-4337/CGMP03		0104	\$46,465			BWG - CP- South Rapid Recharge Station Conduit
	DA-4337/CGMP03		0105	(\$816)			BWG - CCP- AVAC Vault B-1 Conflict with LADWP Ductbank (Utilities)
	DA-4337/CGMP04		0174	\$12,313			BWG - Level 4 Seismic Joint Concrete Notch Revisions at Gridline N1
	DA-4337/CGMP05		0139	\$35,383			BWG- Level 4 Seismic Joint Cover Plate at Plumbing Chases
	DA-4337/CGMP05		0140	\$22,686			BWG- North Crescents Panel Wall Support at Seismic Joints S1 and S21
	DA-4337/CGMP05		0141	\$23,793			BWG - 3b Programming Revisions
	DA-4337/CGMP05		0142	\$15,371			BWG - Electrical Pathways Into FX1 Roof Mounted Fixtures (Miscellaneous

**Bradley West Element**

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

DA-4337/CGMP05	0143	\$104,419		BWG - Fall Restraint Posts for Bus Connector (Miscellaneous Steel)
DA-4337/CGMP05	0144	\$4,943		BWG VDGS/RIDS Supports Revisions (Masonry)
DA-4337/CGMP05	0145	\$9,698		BWG - Type B8 Sign Supports at Gate 155 and 157
DA-4337/CGMP05	0146	\$9,192		BWG - Revised RIDS Support Location Near Gate 146 (Miscellaneous Metals)
DA-4337/CGMP05	0147	\$7,805		BWG - Escalator Trim and Metal Paneling at Piers (Conveyances)
DA-4337/CGMP05	0148	\$7,563		BWG - Level 4 Seismic Joint Concrete Notch Revisions at Gridline N1
DA-4337/CGMP06	0074	\$761		BWG - Electrical Pathways Into FX1 Roof Mounted Fixtures (PVC Roof)
DA-4337/CGMP06	0075	\$89,851		BWG - Request to Replenish Contingency - Approved Overtime/Acceleration
DA-4337/CGMP06	0076	(\$7,961)		BWG - Cumulative Impacts For Temporary Equipment Yard at East Elevation
DA-4337/CGMP06	0077	\$4,458		BWG - S21 East and West Elevation Expansion Joint Conditions (Metal Roof)
DA-4337/CGMP07	0148	\$4,637		BWG - Relocate DCW Stub Out for Potable Water Cabinet at Piers 131, 133,
DA-4337/CGMP07	0149	\$1,763		BWG- Revise Ceiling at Vending Areas (Fire Protection)
DA-4337/CGMP07	0150	\$120,729		Request to Replenish Contingency - Approved Overtime/Acceleration
DA-4337/CGMP07	0151	\$22,676		BWG - Pier CBP Interview Room Wall and Ceiling Rating (Fire Protection)
DA-4337/CGMP07	0152	\$8,225		BWG - Domestic Cold Water Pipe Size At 3rd Floor Locker Rooms (Area S5)
DA-4337/CGMP07	0153	\$1,256		BWG - Added Rated Ceiling at Concessions and Rating at Exterior Fur Wall
DA-4337/CGMP07	0154	\$58,535		BWG - Domestic Heat Exchanger and Expansion Tank Design Plumbing
DA-4337/CGMP07	0155	\$57,244		BWG - Domestic Hot Water Line Size Drawing Discrepancy on South
DA-4337/CGMP07	0156	\$3,428		BWG - North Concourse Level 3 LAXTEC and Storage Room HVAC Addition
DA-4337/CGMP07	0157	\$578		BWG - Pressure Recording for Fire Water Line
DA-4337/CGMP07	0158	(\$13,272)		BWG Light Pendant Revised Device Layout (Fire Protection)
DA-4337/CGMP07	0159	\$22,259		BWG - Install Pressure Relief Valves at the North and South Concourse Riser
DA-4337/CGMP07	0160	\$27,391		BWG - 6" Reclaim Water Connection to Core
DA-4337/CGMP07	0161	\$11,868		BWG - New Water Line Feed For IWBT
DA-4337/CGMP07	0162	\$6,406		BWG - N1 Binnacle Coordination - (HVAC)
DA-4337/CGMP07	0163		\$265,847	BWG - Temporary Boilers, Chillers, Cooling Towers
DA-4337/CGMP07	0164	\$4,414		BWG - Domestic Hot Water Supply Line Size to South Concourse C&M Locker
DA-4337/CGMP07	0165		\$1,044,593	BWG - Level 3 Tenant Interior Fitout (HVAC)
DA-4337/CGMP08	0243		\$2,802,513	BWG - Electrical Cutover for Gate 123 (Electrical)
DA-4337/CGMP08	0244	\$3,738		Door Swing and Equipment Clearance ELN-1 Control Room (Electrical)
DA-4337/CGMP08	0246	\$16,749		BWG- Revise Ceiling at Vending Areas (Electrical)
DA-4337/CGMP08	0247	\$1,781		BWG - SSI Configuration of Cute On Wheels (COW) for Gate 134
DA-4337/CGMP08	0248	\$48,375		BWG - Elevator Smoke Containment Screen (Electrical)

### Bradley West Element

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

DA-4337/CGMP08	0249	\$8,258		BWG - Pier CBP Interview Room Wall and Ceiling Rating (Electrical)
DA-4337/CGMP08	0250		\$389,507	BWG - Paging System Revisions (Electrical)
DA-4337/CGMP08	0251	\$15,658		BWG - Sunshade Remote Sensor Location
DA-4337/CGMP08	0252	\$596		BWG - SSI - ACAMS Card Reader at Doors 3N4-BC01A and 3N4-BC01B
DA-4337/CGMP08	0253	\$7,506		BWG - Convenience Electrical Receptacles at Gate Podiums
DA-4337/CGMP08	0254	\$24,456		BWG - Domestic Heat Exchanger and Expansion Tank Design Plumbing
DA-4337/CGMP08	0255	\$2,514		BWG VDGS/RIDS Supports Revisions (Electrical)
DA-4337/CGMP08	0256	\$108,172		BWG - Request to Replenish Contingency - Approved Overtime/Acceleration
DA-4337/CGMP08	0257	\$10,847		BWG - Provide Power Supplies in Elevator Control Room for Elevator
DA-4337/CGMP08	0258	\$1,152		BWG - Pier GIDS Display - Location of Third Display within Pier (Electrical)
DA-4337/CGMP08	0259	\$1,548		BWG - Additional Power Required for EC 1.1 In TR1A For CCTV
DA-4337/CGMP08	0260	\$19,387		BWG Light Pendant Revised Device Layout (Electrical)
DA-4337/CGMP08	0261	\$32,678		Light Fixture and Switch in LAWA Storage Room on Level 4 (Electrical)
DA-4337/CGMP08	0262	\$10,465		BWG - South Fire Suppression Control Panel Feeds
DA-4337/CGMP08	0263	\$2,095		BWG - Temporary Cabling for Concessions Kiosk Phone Circuit (Gate 134)
DA-4337/CGMP08	0264	\$2,757		BWG - LAFD Added Exit Sign Level 5 BGC (Electrical)
DA-4337/CGMP08	0265	\$2,070		BWG - Knox Box Install (Electrical)
DA-4337/CGMP08	0266	\$10,120		BWG - Area of Refuge Emergency Phone Final Location (Electrical)
DA-4337/CGMP08	0267	\$10,040		BWG - Gates N1 Binnacle Coordination (Electrical)
DA-4337/CGMP08	0268	\$5,281		BWG Elect - Revised Wire Sizes for South Equipment
DA-4337/CGMP08	0269	\$9,960		BWG - Gate Podium Transaction Counter
DA-4337/CGMP08	0270	\$971		BWG - Sign Type A32.2 Power Source (Electrical)
DA-4337/CGMP08	0271	\$10,939		BWG - CBP and Miscellaneous Signage (Electrical)
DA-4337/CGMP08	0272		\$3,316,393	BWG - Power and Data Rough Ins for Future IEMS Displays (Electrical)
DA-4337/CGMP08	0273		\$2,479,704	BWG - Level 3 Tenant Interior Fitout (Electrical)
DA-4337/CGMP08	0274	\$4,142		BWG - Revised Wire Ground and Breaker for South Equipment
DA-4337/CGMP09	0090	(\$1,685)		BWG - Interior Soffit Attachment to Roof Deck at Crescent Clerestories (Applied
DA-4337/CGMP09	0091	\$3,646		BWG Added Framing to Support Deck Extension at Gridline S1 (Exterior
DA-4337/CGMP09	0092	\$12,998		BWG- North Crescents Panel Wall Support at Seismic Joints S1 and S21
DA-4337/CGMP09	0093	\$4,007		BWG - Fall Restraint Posts for Bus Connector (Applied Fireproofing)
DA-4337/CGMP09	0094	\$3,847		BWG - Structural Steel Revisions At Bus Connector Escalator
DA-4337/CGMP09	0095	\$21,906		BWG VDGS/RIDS Supports Revisions
DA-4337/CGMP09	0096	\$73,649		BWG - Cumulative Impacts For Temporary Equipment Yard at East Elevation

**Bradley West Element**

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

DA-4337/CGMP09	0097	\$8,200		BWG - Revised RIDS Support Location Near Gate 156
DA-4337/CGMP09	0098	\$12,776		BWG - S21 East and West Elevation Expansion Joint Conditions (Exterior
DA-4337/CGMP10	0149	\$5,386		Door Swing and Equipment Clearance ELN-1 Control Room (Interior Framing
DA-4337/CGMP10	0152	\$7,951		BWG- Cold Joint at Bus Connector Columns Adjacent to Windows
DA-4337/CGMP10	0153	\$12,014		BWG- Walkable Surface Soffit Transition at N21 Curtain Wall (Interior Framing
DA-4337/CGMP10	0154	\$11,979		BWG- Revise Ceiling at Vending Areas (Interior Framing and Drywall)
DA-4337/CGMP10	0155	\$34,780		BWG - Level 5 West Pier Revised Shaftwall Framing at Chimney Void
DA-4337/CGMP10	0156		\$254,417	BWG - Pier CBP Interview Room Wall and Ceiling Rating (Interior Framing and
DA-4337/CGMP10	0157	\$74,730		BWG - Paging System Revisions (Interior Framing and Drywall)
DA-4337/CGMP10	0158	\$37,103		BWG - Added Rated Ceiling at Concessions and Rating at Exterior Fur Wall
DA-4337/CGMP10	0159	\$2,487		BWG - Structural Steel Revisions At Bus Connector Escalator Framing - RFI
DA-4337/CGMP10	0160	\$25,441		Gates Fire Rating Requirement at North Concourse to Bus Connector Building
DA-4337/CGMP10	0161	\$3,551		BWG - North Concourse Level 3 LAXTEC and Storage Room HVAC Addition
DA-4337/CGMP10	0162	\$5,554		BWG - Pier GIDS Display - Location of Third Display within Pier (Interior
DA-4337/CGMP10	0163	\$1,353		BWG - Revised RIDS Support Location Near Gate 146 (Interior Framing and
DA-4337/CGMP10	0164	\$3,718		Light Fixture and Switch in LAWA Storage Room on Level 4 (Interior Framing
DA-4337/CGMP10	0165	\$13,305		BWG - Escalator Trim and Metal Paneling at Piers (Interior Framing and
DA-4337/CGMP10	0166	\$2,810		BWG - LAFD Added Exit Sign Level 5 BGC (Interior Framing and Drywall)
DA-4337/CGMP10	0167	\$1,681		BWG - Knox Box Install (Interior Framing and Drywall)
DA-4337/CGMP10	0168	\$17,443		BWG - Area of Refuge Emergency Phone Final Location (Drywall)
DA-4337/CGMP10	0169	\$24,382		BWG - N1 Binnacle Coordination - (Interior Framing and Drywall)
DA-4337/CGMP10	0170	\$1,570		BWG Sign Type A32.2 Power Source (Interior Framing and Drywall)
DA-4337/CGMP10	0171	\$47,279		BWG - CBP and Miscellaneous Signage (Interior Framing and Drywall)
DA-4337/CGMP10	0172	\$10,600		BWG - Power and Data Rough Ins for Future IEMS Displays (Interior Framing
DA-4337/CGMP10	0173		\$870,068	BWG - Level 3 Tenant Interior Fitout (Interior Framing and Drywall)
DA-4337/CGMP11	0027	\$990		BWG - Knox Box Install (Doors Frames Hardware)
DA-4337/CGMP12	0075	\$69,690		BWG - Paging System Revisions
DA-4337/CGMP12	0076	\$1,166		BWG - Structural Steel Revisions At Bus Connector Escalator
DA-4337/CGMP12	0077	\$2,092		BWG - Pier GIDS Display - Location of Third Display within Pier (Decorative
DA-4337/CGMP12	0078	\$8,245		BWG Light Pendant Revised Device Layout (Decorative Metal)
DA-4337/CGMP12	0079		\$623,321	BWG - Escalator Trim and Metal Paneling at Piers (Decorative Metal)
DA-4337/CGMP12	0080	\$420		BWG - Knox Box Install (Decorative Metal)
DA-4337/CGMP12	0081	(\$6,174)		BWG - Smoke Baffle Modification At Seven Piers

### Bradley West Element

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

DA-4337/CGMP12	0082	\$78,315		BWG - Walkable Surface Tie-Off Points at East Clerestory High and Low Ends
DA-4337/CGMP12	0083	\$534		BWG - Sign Type A32.2 Power Source (Decorative Metals)
DA-4337/CGMP12	0084	\$2,164		BWG - CBP and Miscellaneous Signage (Decorative Metals)
DA-4337/CGMP13	0074	\$903		BWG- Walkable Surface Soffit Transition at N21 Curtain Wall (Painting)
DA-4337/CGMP13	0075	(\$39,219)		BWG - Elevator Smoke Containment Screen (Specialties)
DA-4337/CGMP13	0076	\$2,707		BWG - Pier CBP Interview Room Wall and Ceiling Rating (Specialties)
DA-4337/CGMP13	0077	\$22,496		Gates Fire Rating Requirement at North Concourse to Bus Connector Building
DA-4337/CGMP13	0078	\$11,396		BWG VDGS/RIDS Supports Revisions (Painting)
DA-4337/CGMP13	0079	\$11,309		BWG - Level 3 Restroom Mirrors
DA-4337/CGMP13	0080	\$6,003		BWG - Motorized Shades for Gates
DA-4337/CGMP13	0081	\$612		BWG Rated Wall Condition at Gridlines AA and S4
DA-4337/CGMP13	0082	\$598		BWG - LAFD Added Exit Sign Level 5 BGC (Painting)
DA-4337/CGMP14	0022	\$6,917		BWG- VGDS Remote E-Stop
DA-4337/CGMP14	0023	\$36,504		BWG - PBB Transition Flooring
DA-4337/CGMP14	0024		\$207,774	BWG - Concourse Terrazzo Revision to Carpet
DA-4337/CGMP15	0007	\$1,105		BWG - Supplemental Temporary Signage (Signage and Graphics)
DA-4337/CGMP15	0008	(\$3,900)		BWG- B10 Layout and Verbiage
DA-4337/CGMP15	0009	\$76,577		BWG - CBP and Miscellaneous Signage (Signage and Graphics)

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

DA-4382/CGMP01	0086	\$1,967		BWC - RENO - Phase "0" CBP North Offices - Additional Mold Discovery and
DA-4382/CGMP01	0087	\$1,882		BWC - Floor Sink Location in LAWA IT Server Room 3C4-01
DA-4382/CGMP01	0088	\$8,840		BWC - Gas Line Relocation Payment to Gas Company
DA-4382/CGMP01	0089		\$208,713	BWC - Expand 8100 Westchester Subcontractor and ADG Office Trailer Area &
DA-4382/CGMP04	0128	\$8,369		BWC - - Stair 10 Level 6 CCTV Camera Re-Location and Revised Conduit
DA-4382/CGMP04	0129	\$9,162		BWC - - DFS IEDN Radio Antenna Relocation - Revised Conduit Termination
DA-4382/CGMP04	0130	(\$19,141)		BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP04	0131	\$60,712		Elevator Fixtures and Cab Modification
DA-4382/CGMP04	0132	\$19,663		BWC - SSI - Facility Systems Interconnect Through Firewall (Elevator)
DA-4382/CGMP04	0133	\$933		Elevator C8EL05 Embed Detail (Conveyances)
DA-4382/CGMP04	0134	(\$6,681)		Voids CGMP Rev 04.114
DA-4382/CGMP04	0135	\$6,678		BWC - RENO Added Light Fixture at Relocated Condenser Units
DA-4382/CGMP05	0054	\$20,777		BWC - Core East Clerestory and Skylight Louver Gutter (Roofing)
DA-4382/CGMP05	0055	\$394		BWC - DFS IEDN Radio Antenna Relocation - Revised Conduit Termination

### Bradley West Element

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

DA-4382/CGMP05	0056	\$3,470		BWC - Core Wall Expansion Joint Cover at Gridlines 38 and 58
DA-4382/CGMP05	0057	(\$52,765)		BWC - Core Elimination of South Gutter
DA-4382/CGMP05	0058	\$5,111		BWC - Add Exit Capacity on Level 6
DA-4382/CGMP05	0059	\$42,706		BWC - Fire Barrier Needed at R/53-56
DA-4382/CGMP05	0060	\$12,487		BWC- Steel Revisions Due to Existing Conditions and Design Clarifications
DA-4382/CGMP05	0061	\$11,729		BWC - Break Shape Backing for Grace HT Membrane at West Gutters
DA-4382/CGMP05	0062	\$91,640		BWC Flashing Girth at East Core Elevation
DA-4382/CGMP05	0063	\$3,445		BWC - Steel Penetration Through Interior Soffit at Gridline X18.5/Y7
DA-4382/CGMP06	0322	\$33,293		BWC - Added Tie Beams on Level 3 at 61.5/SE2
DA-4382/CGMP06	0323	\$70,070		BWC - Level 07 Added Reinforcing Steel for Window Washing
DA-4382/CGMP06	0324	\$56,343		BWG - Elevation Differential at Level 2 Premier Lounge Between Gridlines 53
DA-4382/CGMP06	0325	\$2,574		BWC - Elevation Differential Revised Ramp and Landing Near Gridlines R1/40.2
DA-4382/CGMP06	0326	\$4,314		BWC - Time Tower Top Cantilever Steel Revisions
DA-4382/CGMP06	0327	\$9,076		BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP06	0328	\$25,471		BWC - Interstitial Steel Conflict with Baggage Handling System (BHS) on Level
DA-4382/CGMP06	0329		\$400,670	BWC - High Roof Metal Deck Orientation
DA-4382/CGMP06	0330	\$5,774		BWC - Addition of Two (2) Mechanical Block - Outs Required In Level 3 Per
DA-4382/CGMP06	0331	\$11,414		BWC - TBIT Elevation As-Built Level 4 at Gridline 57.3 and 57.7
DA-4382/CGMP06	0332	\$21,537		BWC- Concession Coordination Level 4 Slab Opening In-Fill and Duct Removal
DA-4382/CGMP06	0333	\$3,457		BWC- Core Flat Roof Fall Protection Design (Concrete)
DA-4382/CGMP06	0334	(\$700)		BWC - Expansion Joints at Gate 148 - 152 (Concrete)
DA-4382/CGMP07	0062	\$1,194		BWC - Core Embed Backup With Structural Column at Gridlines C2 and C1
DA-4382/CGMP07	0063	\$19,256		BWC - Seismic Joint Back-Up Steel (Curtainwall)
DA-4382/CGMP07	0064	\$51,454		BWC - Time Tower Mechanical Revisions (Curtain wall)
DA-4382/CGMP08	0299		\$202,537	BWC - Tenant Ceiling Level 5 North Resolution
DA-4382/CGMP08	0300		(\$172,581)	BWC - Core East Clerestory and Skylight Louver Gutter (Plumbing)
DA-4382/CGMP08	0301	\$3,659		BWC - Health Department Revisions (Plumbing)
DA-4382/CGMP08	0302	\$9,226		BWC - Phone Line Required for Elevator Control Room 6C5-20
DA-4382/CGMP08	0303	\$131,132		BWC - Interstitial Steel Adjustments July 20, 2011 and July 26, 2011 BIM
DA-4382/CGMP08	0304	(\$19,089)		BWC - Baggage Handling System (BHS) Doghouse Fire/Security Doors Voltage
DA-4382/CGMP08	0305		\$246,139	BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP08	0306		\$200,721	BWC - Lack of Design Coordination for Contract Baggage Handling System
DA-4382/CGMP08	0307	\$11,858		BWC - Asset Tag Data Fields

**Bradley West Element**

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

DA-4382/CGMP08	0308	\$16,779		BWC - Control Panel Needed for Heat Trace Wire
DA-4382/CGMP08	0309		(\$641,950)	BWC Deletion of Consolidation Points and WIFI in the Lounges and
DA-4382/CGMP08	0310	\$56,666		BWC - Wall Type and Rating Coordination
DA-4382/CGMP08	0311	\$44,423		BWC - Customs Border Patrol (CBP) Booths Power Wireways
DA-4382/CGMP08	0312	\$8,584		BWC Level 5 Mechanical Condensate Drain Lines
DA-4382/CGMP08	0313	(\$4,404)		BWC - Revise Level 4 Service Corridor to Tenant Space (Electrical)
DA-4382/CGMP08	0314	\$90,264		BWC - Incorporation of Interior Package Comments
DA-4382/CGMP08	0315	\$9,889		BWC - Floor Sink Location in LAWA IT Server Room 3C4-01
DA-4382/CGMP08	0316	\$1,595		BWC - Interstitial Steel Conflict with Baggage Handling System (BHS) on Level
DA-4382/CGMP08	0317	\$66,411		BWC - North/South Lightwell Window Washing System Power
DA-4382/CGMP08	0318	\$102,899		BWC - Facility Systems Interconnect Through Firewall (Electrical)
DA-4382/CGMP08	0319		\$213,949	BWC - Baggage Input Consoles (BICs) Added to Inbound Bag Drops
DA-4382/CGMP08	0320	\$3,328		BWC - Stair C7ST06 Light Penetrations
DA-4382/CGMP08	0321		\$563,307	BWC - Time Tower Mechanical Revisions
DA-4382/CGMP08	0322		\$1,011,094	BWC - IEMS Media Equipment Room (MER) Head-End Equipment
DA-4382/CGMP08	0323	\$83,503		BWG - Added Fire Hose Valve Locations at the Core (Fire Protection)
DA-4382/CGMP08	0324	(\$8,128)		BWC - Combination Fire Smoke Dampers Required at Transfer Ducts on Levels
DA-4382/CGMP08	0325	\$88,361		BWC Steel Revisions Due to Existing Conditions and Design Clarifications
DA-4382/CGMP08	0326	\$2,075		Core LAFD Knox Box Additions (Electrical)
DA-4382/CGMP08	0327	(\$39,335)		BWC- Concession Coordination Level 4 Slab Opening In-Fill and Duct Removal
DA-4382/CGMP08	0328		\$326,864	BWC - SSI - Wireless Fidelity (WiFi) Redesign for Vendor Change to Cisco
DA-4382/CGMP08	0329	\$94,508		BWC - Duplex Receptacle at the Top of Elevator Hoistways for Each Machine
DA-4382/CGMP08	0330	\$86,268		BWC - Reoordination of Rooms Due to Fan Coil Units (FCU) Conflicts with
DA-4382/CGMP08	0331	(\$8,319)		BWC - RTI For Seismic Valve In 6" High Pressure Gas Line At West End Of
DA-4382/CGMP08	0332	\$67,047		BWC - Re-Coordination Of Rooms Due To Fan Coil Unit (FCU) Conflicts With
DA-4382/CGMP09	0123	\$9,636		BWC - Tube Steel Posts At Parapet Wall Along SE 2 Level 7
DA-4382/CGMP09	0124	\$18,496		BWC - Core East Clerestory and Skylight Louver Gutter (Exterior Framing)
DA-4382/CGMP09	0125	\$35,324		BWC CMU Wall Supports - Additional Clarification Required at Elevator Shaft
DA-4382/CGMP09	0126	\$3,552		BWG - Elevation Differential at Level 2 Premier Lounge Between Gridlines 53
DA-4382/CGMP09	0127	\$7,829		BWC - 20x20 Beam Penetration for Mechanical Duct - (Miscellaneous Metals)
DA-4382/CGMP09	0128	\$16,649		BWC - North Crescent Panel Wall Support at N1 (Miscellaneous Metals)
DA-4382/CGMP09	0129	\$11,654		BWC - Modifications to Gutter Support Ends at South Connector Roof Near
DA-4382/CGMP09	0130	\$7,411		BWC - Level 1 CMU Wall Reinforcement for Exceeding Heights

**Bradley West Element**

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

DA-4382/CGMP09	0131	\$4,391		BWC - Cantilever Decking at Gate 148 Southwest of Gridline X6/Y1
DA-4382/CGMP09	0132	\$49,578		BWC - Modifications Required at Top of CMU Wall
DA-4382/CGMP09	0133	\$8,513		BWC Stair C7ST02 Location Modification to Avoid Escalator Pit (Miscellaneous
DA-4382/CGMP09	0134	\$9,814		BWC- Concession Coordination Level 4 Slab Opening In-Fill and Duct Removal
DA-4382/CGMP09	0135	\$17,257		Elevator C8EL05 Embed Detail
DA-4382/CGMP09	0136	\$18,233		BWC - Add Angle Attachment for C2EL01 Gate 148
DA-4382/CGMP09	0137	\$94,691		BWC- Core Flat Roof Fall Protection Design (Miscellaneous Metals)
DA-4382/CGMP09	0138	\$24,785		BWC - SSI - IEMS MER and Control Room HVAC/Power/Fit Out
DA-4382/CGMP09	0139	\$4,474		BWC - RTI For Seismic Valve In 6" High Pressure Gas Line At West End Of
DA-4382/CGMP10	0034	\$4,367		BWC CMU Wall Supports - Additional Clarification Required at Elevator Shaft
DA-4382/CGMP10	0035	\$44,744		BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP10	0036	\$1,078		BWC - 20x20 Beam Penetration for Mechanical Duct - (Fireproofing)
DA-4382/CGMP10	0037	\$3,827		BWC - North Crescent Panel Wall Support at N1 (Applied Fireproofing)
DA-4382/CGMP10	0038	\$2,136		BWC Stair C7ST02 Location Modification to Avoid Escalator Pit (Applied
DA-4382/CGMP10	0039	\$5,298		BWC- Core Flat Roof Fall Protection Design (Applied Fireproofing)
DA-4382/CGMP10	0040	\$2,603		BWC - Expansion Joints at Gate 148 - 152 (Fire Proofing)
DA-4382/CGMP11	0009	\$148,135		BHS - Stand Alone Maintenance Information System and Maintenance
DA-4382/CGMP12	0113	\$11,206		BWC - Tenant Ceiling Level 5 North Resolution (Framing)
DA-4382/CGMP12	0114	\$791		BWC - Stair 10 Level 6 CCTV Camera Re-Location and Revised Conduit
DA-4382/CGMP12	0115	\$1,327		BWC - RENO - Stair #10 Level 6 - Hanger Connection for Low W14x22 Beam
DA-4382/CGMP12	0116	\$396		BWC - DFS IEDN Radio Antenna Relocation - Revised Conduit Termination
DA-4382/CGMP12	0117	(\$2,208)		BWG - Elevation Differential at Level 2 Premier Lounge Between Gridlines 53
DA-4382/CGMP12	0118		\$300,003	BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP12	0120	\$80,849		BWC Wall Type and Rating Coordination
DA-4382/CGMP12	0121	\$2,140		BWC - Door Rating and Hardware Revisions
DA-4382/CGMP12	0122	\$1,325		BWC - Revise Level 4 Service Corridor to Tenant Space (
DA-4382/CGMP12	0123	\$49,350		BWC - Incorporation of Interior Package Comments
DA-4382/CGMP12	0124	\$3,035		BWC - Electrical - Elevator Control Room (ECR) 1C8-11 Ceiling
DA-4382/CGMP12	0125	\$2,318		BWC - Interstitial Steel Conflict with Baggage Handling System (BHS) on Level
DA-4382/CGMP12	0126	\$2,914		BWC - Soffit Added at Duty Free Shop
DA-4382/CGMP12	0127	\$2,099		BWC - Added Drywall at Level 4 Exit Passage Way 4C1-20

### Bradley West Element

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

DA-4382/CGMP12	0128	\$16,783		BWG - Added Fire Hose Valve Locations at the Core (Interior Framing and
DA-4382/CGMP12	0129	\$3,192		BWC- Steel Revisions Due to Existing Conditions and Design Clarifications
DA-4382/CGMP12	0130	\$339		Core LAFD Knox Box Additions (Doors Frames Hardware)
DA-4382/CGMP12	0131	\$1,958		BWC - Re-Coordination Of Rooms Due To Fan Coil Unit (FCU) Conflicts With
DA-4382/CGMP13	0056	\$2,688		BWC Wall Type and Rating Coordination (Decorative Metals)
DA-4382/CGMP13	0057	(\$2,119)		BWC - Revise Level 4 Service Corridor to Tenant Space (Decorative Metals)
DA-4382/CGMP13	0058	\$9,666		BWC - Incorporation of Interior Package Comments
DA-4382/CGMP13	0059	\$98		BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP14	0064	\$14,522		BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP14	0065	\$15,962		BWC Wall Type and Rating Coordination
DA-4382/CGMP14	0066	(\$2,813)		BWC - Revise Level 4 Service Corridor to Tenant Space (Painting)
DA-4382/CGMP14	0067	\$1,712		BWC - Seismic Joint Back-Up Steel (Painting)
DA-4382/CGMP14	0068	\$3,233		BWC - Time Tower Mechanical Revisions Painting)
DA-4382/CGMP14	0069	\$17,689		BWC - Expansion Joints at Gate 148 (Exapansion Joints)
DA-4382/CGMP15	0021	\$3,484		BWC - Health Department Revisions (Flooring)
DA-4382/CGMP16	0004	\$428		BWC - IEMS Mechanical/Electrical Room and Elevator Tower Finishes
DA-4382/CGMP16	0005	(\$1,131)		BWC - Revise Level 4 Service Corridor to Tenant Space (Signage and
DA-4382/CGMP17	0002	(\$4,036)		BWC - IEMS Destination Board Modify Geometry
DA-4382/CGMP18	0004	\$598		NFA- Video Camera Examination of Existing Drainage At Sidewalk And Entry
DA-4382/CGMP19	0003		\$218,160	BWC - RENO - "R" Line Slab Extension and West Wall
DA-4382/CGMP19	0004	\$18,896		BWC - RENO-"R" Line Demolition - Levels 4 and 5 Between Gridlines 40/41
DA-4382/CGMP20	0010	\$8,490		BWC - RENO - Phase "0" CBP North Offices - Additional Mold Discovery and
DA-4382/CGMP20	0011	\$26,846		BWC - Renovation - Phase "0" CBP North Offices Paperless/Water Resistant
DA-4382/CGMP20	0013	\$3,530		BWC-RENOVATION-Remove/Salvage Existing Phenolic Wall Panels
DA-4382/CGMP20	0014	\$7,597		BWC- Renovation Phase "0" - Required Signage

## CHANGE ORDERS - Continued as of 1/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>CUP Replacement Element</b>							
<b>C001A - CENTRAL UTILITY PLANT</b>							
	DA-4554/0000		0076	\$0			Administrative Change to Milestone and Liquidated Damages
	DA-4554/0000		0078	\$42,168			Installation of Traffic Detection Loops
	DA-4554/0000		0083	\$125,701			Site Investigation of Piping
	DA-4554/0000		0089	\$59,394			Relocate Existing Terminal 3 Mechanical Vent Line
	DA-4554/0000		0090	\$57,972			Reclaimed Water Pipe Size Change
	DA-4554/0000		0091	\$53,500			Design Builder's Use of Parking Structure P2B
	DA-4554/0000		0092	\$24,142			Unforeseen Concrete Slab Vicinity of PS3 Exit Booths
	DA-4554/0000		0093	\$97,795			Vault 1 Changes
	DA-4554/0000		0094	\$110,674			T2 to Vault #7 Unforeseen Conditions
	DA-4554/0000		0095	(\$96,999)			Vault 4 Changes
	DA-4554/0000		0096	\$62,026			Vault 6 Design Revisions
	DA-4554/0000		0097		\$222,566		Vault 3 to Vault 5 Mechanical Piping
	DA-4554/0000		0098		\$429,329		Additional Potholing in World Way
	DA-4554/0000		0099		\$260,421		Area D2.1 - Wet Piping Revisions to West Side of CUP
	DA-4554/0000		0100	\$145,000			Area D2.2 - Wet Piping Revisions East of Vault 10
	DA-4554/0000		0101		\$990,000		West Side Dry Utility Design Revisions
	DA-4554/0000		0102	\$140,000			Vault 1 to Vault 4 Piping
	DA-4554/0000		0103		\$211,888		D3 Air Release Valve Assemblies
	DA-4554/0000		0104	\$0			Vault 1 Piping, IS5205 Duct Bank in Conflice with D3-2 Trench, Idle Equipment and Material Impacts, Terminal 2 Mechanical Line Tie Ins, Unforeseen Conduits in Trench Area-D4, Vault 2 Maintenance Hole Size Change, LADWP LAX Phase 11 & 12 Routing Drawing Delay, Wet Piping and Vault 12, 13, 14 Revisions South of Vault 11, Unforeseen Conduits in D3.2, East Side Dry Utility Design Revisions, Slurry Blocked Sewer
	DA-4554/0000		0105	\$106,788			T5 - Transite Line Pothole Investigation
	DA-4554/0000		0106	\$44,350			Vault 5 Design Revisions
	DA-4554/0000		0107	\$82,053			IS-2299 Additional Excavation for Metering Building

**Landside Element**

**CHANGE ORDERS - Continued**  
as of 1/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
Residential/Soundproofing Element							
Terminal Element							

### Bradley West- Gates

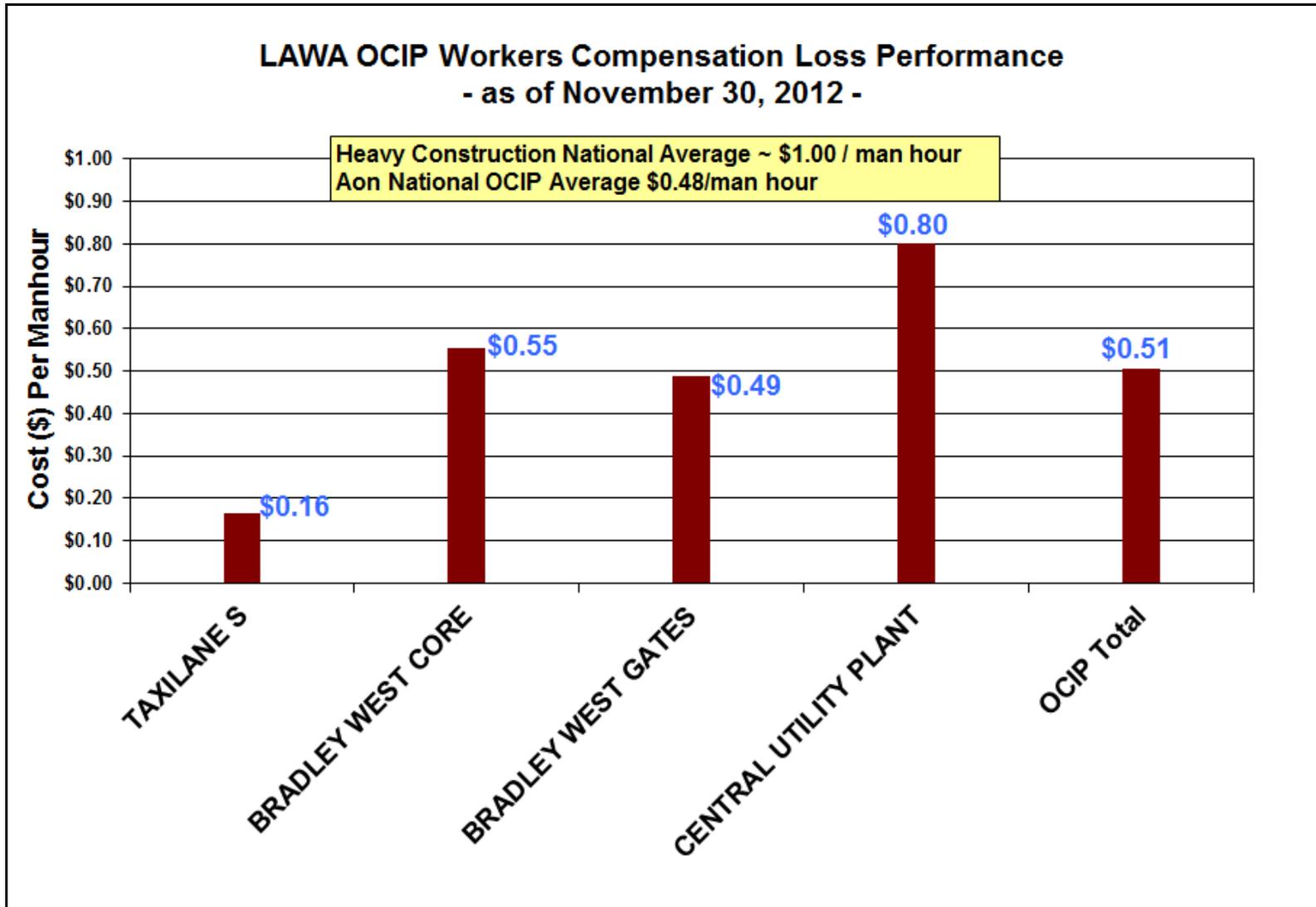
CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE )	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$31,925,860	\$0	\$31,925,860	5.14%
DOCUMENT CORRECTION	\$32,217,693	\$3,033,232	\$35,250,925	5.67%
FIELD CONDITIONS	\$12,194,024	\$276,352	\$12,470,376	2.01%
OWNER BETTERMENT	\$13,849,539	\$9,197,963	\$23,047,502	3.71%
CODE REQUIREMENT	\$2,518,788	\$124,665	\$2,643,453	0.43%
<b>TOTAL</b>	<b>\$92,705,904</b>	<b>\$12,632,212</b>	<b>\$105,338,116</b>	<b>16.95%</b>

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

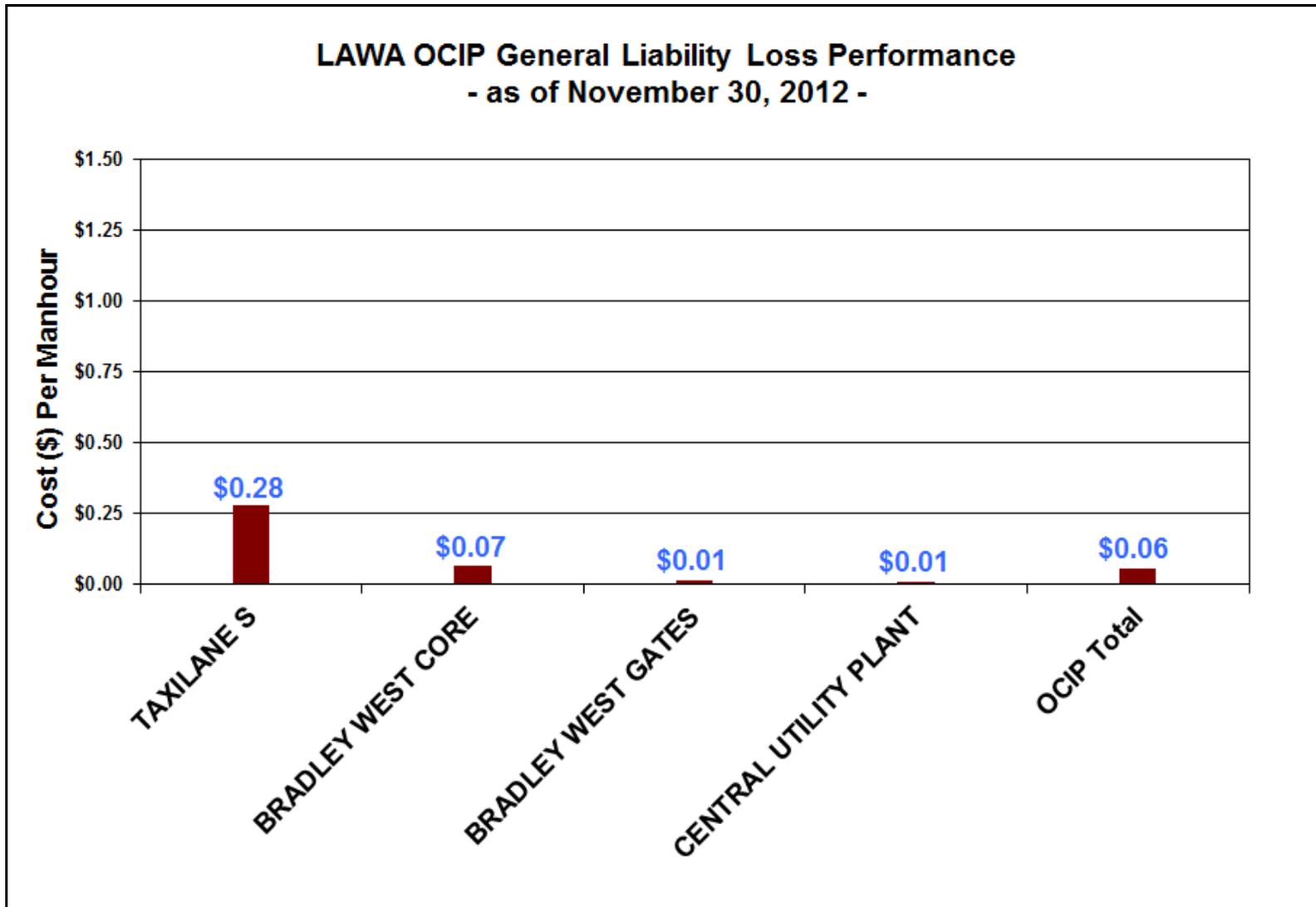
### Bradley West- CORE

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE )	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$30,694,526	\$0	\$30,694,526	4.93%
DOCUMENT CORRECTION	\$17,034,205	\$3,680,142	\$20,714,347	3.33%
FIELD CONDITIONS	\$12,283,181	\$610,641	\$12,893,822	2.07%
OWNER BETTERMENT	\$56,169,849	\$11,608,426	\$67,778,275	10.89%
CODE REQUIREMENT	\$5,931,962	\$500,116	\$6,432,078	1.03%
<b>TOTAL</b>	<b>\$122,113,723</b>	<b>\$16,399,325</b>	<b>\$138,513,048</b>	<b>22.25%</b>

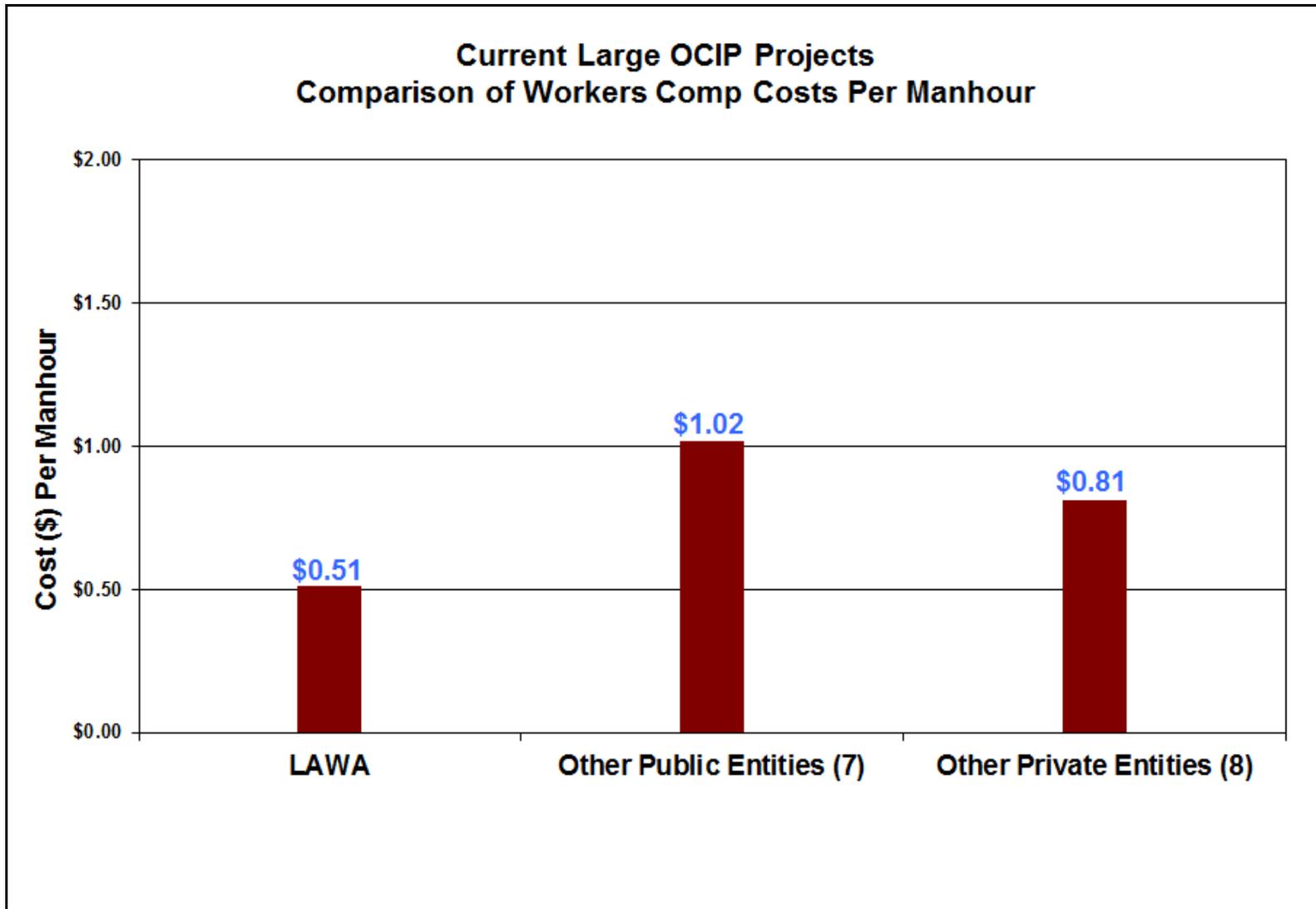
\*Base Contract Value = \$622,600,000



**OCIP - Continued**  
 as of 1/31/2013



**OCIP - Continued**  
as of 1/31/2013



## MWBE/DBE Subcontractor Utilization Summary Report as of 1/31/2013

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 %	20.69 %	
Arcadis	DA-4413	M/WBE	20.00 %	4.76 %	N/A %	Limited scope of work authorized to date.
Atkins	DA-4515	DBE	24.00 %	N/A %	27.09 %	
Atkins	DA-4679	M/WBE	11.50 %	14.66 %	N/A %	
CH2M Hill	DA-4414	M/WBE	22.00 %	30.44 %	N/A %	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10 %	15.59 %	N/A %	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00 %	10.34 %	N/A %	
Fentress Architects	DA-4274	DBE	9.30 %	13.45 %	6.16 %	
Flatiron West, Inc.	DA-4398	DBE	1.00 %	NA %	4.02 %	
Griffith Company	DA-4338	M/WBE	5.63 %	5.66 %	N/A %	
Hatch Mott MacDonald, LLC	DA-4275	DBE	19.85 %	N/A %	18.70 %	
HNTB Corporations	DA-4709	DBE	10.80 %	N/A %	12.93 %	
HNTB Corporations	DA-4748	M/WBE	20.00 %	65.36 %	N/A %	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00 %	28.93 %	N/A %	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00 %	22.79 %	N/A %	
Kimley-Horn and Associates	DA-4555	DBE	20.00 %	N/A %	8.69 %	Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00 %	54.91 %	N/A %	
Paslay Management Group	DA-4324	M/WBE	10.00 %	19.64 %	N/A %	
Praxis Integrated Communications	DA-4541	M/WBE	10.00 %	0.00 %	N/A %	MBE subcontractor approval in process.
Vanir Construction Management, Inc.	DA-4416	M/WBE	20.00 %	20.04 %	N/A %	
W.E. O'Neil Construction Co. of California	DA-4712	M/WBE	9.60 %	1.27 %	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 %	20.79 %	N/A %	
Walsh Austin Joint Venture - Pre-Construction (Core)	DA-4382	M/WBE	20.00 %	24.02 %	N/A %	
Walsh Austin Joint Venture - Construction (Core)	DA-4382	M/WBE	14.00 %	17.40 %	N/A %	
<b>Total Participation:</b>				<b>18.13%</b>	<b>11.65%</b>	

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