



# Airports Development

Executive Management

Program Status Report

March 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.

### **Schedule Status**

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.

## 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 southern portion of the taxilane construction consisting of approximately 75,000 square yards of Portland Cement Concrete (PCC), 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 was awarded to Evans Brothers. The work was substantially complete on March 15, 2013; and the contract close-out phase is underway.

Bids for the Phase 1 construction work were received on February 19, 2013; and the award of the construction contract is scheduled for the April 2, 2013 Board meeting.

### **Budget Status**

This project is tracking on budget.

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

## Airside Element – Taxilane ‘T’ (M306A) - Continued

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.



## AIRSIDE ELEMENT - Construction Support Facilities (M209A)

### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

First construction contract 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. The designer completed the 60% designs; and is incorporating the review comments. The 90% documents are forecast for a May 2013 completion.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

This project is tracking 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.

Construction is complete.

### **Budget Status**

This project was completed under budget.

### **Schedule Status**

This project was completed ahead of schedule. The contract close-out is underway; and is forecast for to be complete by July 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. The designer completed the 60% designs; and is incorporating the review comments. The 90% documents are forecast for a May 2013 completion.

### **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; and is anticipated to complete by June 2013.

### **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 is finishing the installation of vehicle and pedestrian gates at United Airlines Cargo Facility; and continues installing the fence and fabric replacement at Delta Airlines.

Construction is 90% complete.

### **Budget Status**

This project is tracking under budget.

### **Schedule Status**

This project is tracking on schedule toward the scheduled substantial completion in May 2013.

### **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 completed all mobilization items, including obtaining permits, insurance, bonds, trailer installation and key contractor submittals.

### **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**

Construction Notice to Proceed (NTP) was issued on March 28, 2013 for Phase 1A - Taxilane A work.

The project is tracking on schedule.

### **Issues**

None at this time.

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## 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 RSA, relocating portions of the service roads at perimeter service area gates, and extending the concrete cover on top of the West Cucamonga Channel. Additionally, portions of impacted areas will require perimeter fencing realignment.

### **Planning and Programming Status**

The Project Definition is complete.

### **Design Progress**

A design proposal has been 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.



## **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

The North Concourse (West Gates) have been turned over to Operations.

South Concourse

South Concourse IT Room Build Out continues.

Finish work (MEP Trim, Ceiling Work, Flooring, etc...) is ongoing.

Work on all South Concourse Piers continues - Elevator installation, IT Room Build-Out, Terrazzo, Drywall, Ceiling Work, etc.

Pre-Testing / Testing Activities are underway.

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; and the variance is being closely monitored (see issues below).

The East Passenger Boarding Bridge change, which is in the final approval process, is scheduled to be presented to the Board in May 2013.

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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 North Concourse (West Gates):

Target Date: 01/03/13      Actual Date: 02/25/13

West Gates Substantial Completion

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

### Issues

Due to the fast track nature of the project, pre-testing and testing activities are being performed while building construction is ongoing. This approach provides the project team certain schedule, coordination and logistical challenges during the final phases of the project. LAWA, ADG, the contractor and other 3rd party entities are working closely to manage this effort. Target goals are still being maintained.

The budget variance is being closely monitored.

## **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 98% complete.

### **Construction Progress**

Coordination between Main Building construction and Tenant Space contractors continues.

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

Roof/Exterior Work is on-going: Standing Seam Roof installation resumes.

Build-out of the IEMS Control Room continues.

Scaffolding has been removed in the North Tug pass in preparation for Concrete Activities. Concrete Operations in the South Tug Pass continue.

The Build-Out of IT, Mechanical & Electrical Rooms moves forward.

Elevator and Escalator work is progressing.

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

Fire Alarm Pre-Testing is underway.

### **Budget Status**

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

Buyout is complete.

### **Schedule Status**

Milestone #3 – New Core Construction Complete

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

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

### **Issues**

Due to the fast track nature of the project, pre-testing and testing activities are being performed while building construction is ongoing. This approach provides the project team certain schedule, coordination and logistical challenges during the final phases of the project. LAWA, ADG, the contractor and other 3rd party entities are working closely to manage this effort. Target goals are still being maintained.

The budget variance is being closely monitored.

## **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: The Artists' lighting plan was not accepted by ADG as it did not conform to LAWA's standards and requirements. ADG recommends that the Artists continue focusing on the fabrication and installation of the artwork. Once the artwork is installed, the Artists can assess how the artwork performs in the space under actual lighting conditions.

Pae White: The Artist resumed working on the project in February and received final approval for the design from the Cultural Affairs Commission. The Artist's fabricator and installer, Carlson, conducted tension tests with the CBP cables and the artwork cables in the Sterile Corridor. ADG reviewed the tension test results with CBP; EII (installer of CBP cables) will provide uniform cable deflection of 1 ½" at each bay. The artwork cables may add up to ½" deflection. CBP will allow a 2" maximum deflection. 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. Prior to fabrication, the Artist will need to take field measurements.

Mark Bradford: LADBS, ADG, DCA and the Artist reviewed the flame retardant coating for the panels of the artwork and the status of its class rating over time. The paneling material will not maintain a Class A fire rating over time, but will depend on environmental variables. LADBS will accept a Class B material. If the fire retardant material does not come into contact with the public or is not exposed to the elements, life expectancy of the coating will last up to 10 years. UV exposure could affect the fire retardant panels; LAWA may need to re-apply flame retardant coating after 7 years.

## **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 are fabricating the artwork. A studio visit is anticipated in the Spring. CBP is reviewing the Artists' proposed barricades; CALM only requires an 8-foot drywall barricade.

Pae White Studio: Once the Artist finalizes her budget, schedule, and design layout, we will issue a NTP with fabrication and her third payment milestone.

Mark Bradford: Artist received a NTP in December 2012 and started fabrication.

### **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: The Artists anticipate installing during the last two weeks of July 2013. Artists are working on a final schedule and work plan for ADG's review. Artists have started the badging and insurance process.

Pae White: ADG recommends the Artist install first in the South Concourse and complete the work by late July 2013, and then installing in the North Concourse. The Artist is finalizing her schedule.

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.

### **Issues**

Ball-Nogues Studio's rigging company will need to use LAWA's window washing equipment in the North Lightwell to hoist the sculpture. A boom would compete with the laydown area needed to stage the sculpture. Risk Management and Facilities Management will need to review and approve use of the equipment; the Artists' sub-contractors would need training to use the equipment.

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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 100% design submittal was received in March 2013; and the review and comment period is expected to complete in April 2013.

### **Construction Progress**

No construction contract has been awarded.

### **Budget Status**

The project is trending over budget; and the variance is being closely monitored.

### **Schedule Status**

Project is tracking on schedule.

### **Issues**

None at this time.

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## **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 complete. Design for the demolition and apron reconstruction is complete.

### **Construction Progress**

The Request For Proposals (RFP) is published. The notice of award is anticipated to be issued by the end of the second quarter of 2013; and construction is anticipated to begin in the fourth quarter of 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 99% complete.

### **Construction Progress**

Work is ongoing on both the departures and arrivals levels. Dance floor scaffolding has been erected near the South & Center entrance canopies on the departures level to enable the installation of the entrance canopy finishes. On the departures level installation of structural steel to receive the sidewalk canopy metal ceiling and roofing system is ongoing. Electrical and structural steel work for the installation of light poles and light band is ongoing on both departures and arrivals levels. Escalators CE-3 & CE-4 remain open to the public. Escalators CE-1 & CE-2 were installed and work is continuing on the canopy for CE-1 and CE-2.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project completion date is reforecast to May 2013; so as to coincide with the Bradley West Core completion date.

### **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**

**Utility Distribution Design:** The revised ARUP lane widening design near TBIT and Terminal 4 design to accommodate changes in the SUSMP regulations has been approved. The SUSMP Report has been revised and reviewed. Preparation and issue of the "Letter of Agreement for On-site BMP Maintenance for Los Angeles World Airports (LAWA) Standard Urban Stormwater Mitigation Plan (SUSMP) for LAX Central Utility Plant Replacement (CUP)" will be issued in early April 2013.

**CUP Process Design:** Programming for the CEMS (Continuous Emissions Monitoring System) continues and is expected to complete in the first half of April. Development of system screens (graphics) for Control Room displays continues and will complete in approximately six weeks. The final version of the Sequence of Operations (SOO) document has been completed and issued to LAWA. Chiller plant optimization is in development.

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

### **Construction Progress**

Preparation activities for the start-up of the new West Cooling Tower continued throughout March 2013 as the Project Team worked through their Go/No Go List of open work items, coordinated the resolution of several code issues with the appropriate jurisdictional authorities and conducted several dry run start-up rehearsals in preparation for the March end-of-month start-up and the planned April 1, 2013 activation of the Tower. On March 27 and 29, 2013 the West Cooling Tower was successfully cut over to operation with the CUP. These trials each lasted about 8 hours and allowed us to test the new cooling tower and then cut back to the existing Cooling Towers for normal operation.

Within the new Central Plant more significant equipment deliveries were received. The Plant's second heat recovery steam generator was delivered to Level 3 which also received a heat exchanger while heating hot water pumps were delivered to Level 4.

A significant amount of interior work has occurred over the past month within the New CUP. Significant progress has been made on the drywall installation followed by the taping and painting. Offices and other rooms are now ready for the installation of ceiling T-bar and other ceiling systems, restrooms and custodial closets are ready for ceramic tile installation, door frames are being installed, rooms are ready for the installation of overhead lighting fixtures; while there is still a significant amount of work to perform, these and other activities are just some of the ongoing work items giving the interior of the New CUP a more finished appearance.

### **Budget Status**

This project is trending under budget.

### **Schedule Status**

The schedule rebaseline exercise has been completed. The revised completion dates are tracked in the schedule milestone report.

### **Issues**

A couple of recent incidents related to the Terminal Pump Room Improvements Project have prompted the ADG Project Management Group to examine the Project's Procedures and Project Requirements to determine if modifications are necessary to eliminate the potential for future incidents. The examination of the Project Requirements will solicit input from all stakeholders in the project and will include the Design Builder and their contractors, the CUP Maintenance Staff, Facilities Maintenance Division and others as necessary to assure that the agreed upon procedures are adequate and are acceptable to all parties. Agreed upon procedures will be immediately implemented during all future activities involving the shut down and reactivation of utilities.

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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**

A Board action to initiate the design is anticipated for April 2013.

### **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 is in progress.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

There is a negative budget variance attributable to the additional work associated with this project, including the polyester concrete overlay, additional hinge repairs and the night-shift premium. The budget transactions required to resolve these issues are expected to be complete by June 2013.

### **Schedule Status**

The City Council approved the construction management at risk (CMAR) ordinance for this project on December 5, 2012; and the Board approved the authority to advertise a CMAR Request for Proposal (RFP) on January 14, 2013. The RFP is currently being prepared for advertisement in April 2013.

### **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 Board was briefed on these additional costs 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**

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

On February 7, 2013, Environmental Services Division in conjunction with Public Relations hosted a tour of the Dunes area for the California Coastal Commission.

On February 19, 2013 the Board approved the authority to advertise this project.

As a special condition of the California Coastal Commission (CCC) Application, the final Landscaping/Ecological Plan is being resubmitted to the CCC.

### **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**

The advertisement for request for bids is anticipated for Spring 2013.

### **Issues**

None at this time.

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## **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 Notice to Proceed (NTP) was issued on February 25, 2013. The contractor has commenced temporary fencing, utility shut-off and hazardous material abatement work.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **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**

Phase I - LADBS final permit was issued March 8, 2013.

Phase II - LADBS final permit issue is pending Grading Report approval.

Overall construction is complete.

Site was transferred to Commercial Development Division on March 29, 2013.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

The project was completed on schedule; and project close-out activities are underway.

### **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.

### **Construction Progress**

Priority I Site Mods - The contract has been closed out.  
Priority II - Procurement - Fabrication is at 57%. Seventeen 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**

Unforeseen electrical lines discovered in escalator T1-5A pit area may delay this unit completion by up to 65 calendar days; but without impacting the total project implementation schedule.

## **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 100% complete. Terminal 2 is nearing 85% complete. The revised design for T2 has been approved by LADBS. Inspection for T2 by LADBS is in progress.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

A schedule extension has been approved for work identified during the field survey.

### **Issues**

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

## TERMINAL ELEMENT - 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.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Board approved the Design Build contract on March 18, 2013; Notice to Proceed for design services is anticipated by April 2013.

### **Construction Progress**

The Board approved the Design Build contract on March 18, 2013; Administrative Notice to Proceed is anticipated by April 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The construction schedule will be developed with the Design Builder following Notice to Proceed.

### **Issues**

None at this time.

## TERMINAL ELEMENT - 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.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Design Notice to Proceed (NTP) for Terminal 2 scope was issued on January 25, 2013.

The on-call Architectural/Engineering designers are conducting preliminary data collection for Terminal 5 and Terminal 6. Subsequent design cost proposal to complete the design contract is in process and Task Order to proceed will follow.

Terminals 1, 3, 4, 7 and 8 were approved by the Board on March 18, 2013 for full authority of Design and Construction.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012; and Pre-Construction Services commenced on January 22, 2013.

The Terminal Team is reviewing and prioritizing the identified work packages.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The design is complete.

### **Construction Progress**

Construction is complete. The close-out phase has commenced; and is forecast to complete by June 2013.

### **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 June 2013.

### **Schedule Status**

Construction is complete. Contractor is performing final close-out activities.

### **Issues**

The outstanding construction issues have been resolved; and the budget issue will be resolved by June 2013.

## 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 / Parking Structure 2 was completed in January of 2013. The design for Terminal 6 / Parking Structure 6 was completed in March of 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 of 2013.

### **Construction Progress**

Phase 1A - Construction is 98% complete; the remaining construction is change order work.

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**

See Budget Status.



## 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 is on hold, final stair location is in discussion with United Airlines. Terminal 4 fire rated exit door at the exiting Tunnel is ongoing. Other exit signs and door hardware installation is ongoing. The remaining work is estimated to be completed by November 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule, additional scope in Terminal 5 will be added to this project; the possible schedule and budget impact is being reviewed.

### **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 Notice to Proceed (NTP) for Design Services was issued on March 1, 2013.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012; and Pre-Construction Services commenced on January 22, 2013.

The Terminal Team is reviewing and prioritizing the identified work packages.

### **Budget Status**

Airport Development Group and Planning have reviewed the current aircraft capacity at the gates against the expected aircraft capacity; and have identified variances. The budget transactions required to resolve these issues are expected to be complete by June 2013.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

See Budget Status.

## 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 Design Notice to Proceed was issued on January 16, 2013 and the 90% design submittal was received in March 2013.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012; and Pre-Construction Services commenced on January 22, 2013.

The Terminal Team is reviewing and prioritizing the identified work packages.

### **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 Notice to Proceed (NTP) for Design Services was issued in February 2013.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012; and Pre-Construction Services commenced on January 22, 2013.

The Terminal Team is reviewing and prioritizing the identified work packages.

### **Budget Status**

The Planning Group has recommended that an additional two (2) restrooms be renovated; and Finance has concurred. The budget transactions required to resolve these issues are expected to be complete by June 2013.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

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## ERMINAL ELEMENT - 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.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Notice to Proceed (NTP) for Design Services was issued on March 19, 2013.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012; and Pre-Construction Services commenced on January 22, 2013.

The Terminal Team is reviewing and prioritizing the identified work packages.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending 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**

The on-call Architectural/Engineering designers are conducting preliminary data collection. Subsequent design cost proposal to complete the design contract is in process and Task Order to proceed will follow.

### **Construction Progress**

The project is proceeding with design only at this time.

### **Budget Status**

The budget currently reflects both design and construction. A budget recommendation to reflect the design portion only is pending approval.

### **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**

The Notice to Proceed (NTP) for Design Services was issued on March 19, 2013.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012; and Pre-Construction Services commenced on January 22, 2013.

The Terminal Team is reviewing and prioritizing the identified work packages.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule

### **Issues**

None at this time.

## TERMINAL ELEMENT - Terminal 6 Electrical Upgrades Project (T025A)

### **Project Description**

The Terminal 6 Electrical Upgrade project involves the upgrade of numerous panels beginning at the main distribution panel in Terminal 6 and the addition of panels to provide power and distribution for electrifying the ground service equipment at Terminal 6. Recently, the Department of Water and Power (DWP) upgraded the transformers in Terminal 6 to provide additional power to the terminal. With DWP's upgrade, the Los Angeles Building and Safety (LADBS) reviewed the electrical system in Terminal 6 and determined that it is not to code, and issued correction notices for the non-compliant equipment. Alaska Airlines recently renovated much of the terminal, however did not relieve LAWA of the LADBS restrictions.

This project will rebuild or replace approximately 204 panels in 22 electrical rooms and 43 other terminal locations. The project also involves the additional of panels to provide power to future electrified ground service equipment, but not any of the GSE specific equipment. The existing feeder conductors are expected to remain, however, will be confirmed through a survey.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 30% complete. The Designer is preparing a cost proposal.

The project was approved by the Board on March 18, 2013 for full authority of Design and Construction.

### **Construction Progress**

The Board approved the Construction Manager at Risk (CMAR) contract on December 17, 2012; and Pre-Construction Services commenced on January 22, 2013.

The Terminal Team is reviewing and prioritizing the identified work packages.

### **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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## TENANT IMPROVEMENTS ELEMENT - Terminal Commercial Management (TCM) (TI00)

### **Project Description**

The Terminal Commercial Management (TCM) agreements provide for the development, leasing and management of convenience retail, specialty retail, food and beverage and certain other passenger services in Terminals 1, 2, 3, 6, Tom Bradley International Terminal and the Theme Building. In support of the development activities required in the TCM agreements, the TCM and its concession tenants anticipate at least \$160.5 million in initial premise improvements and up to another \$74.5 million in non-premise (public seating, restrooms, common area enhancements, etc.) improvements to the terminal facilities and Theme Building. The details of the investment program, by facility or Area, are developed in the form of a Definitive Improvement Plan (DIP) which requires LAWA review and approval. Each DIP identifies the premises to be incorporated into the respective TCM agreement and the cost of any related non-premises improvements. In accordance with the TCM agreements, the development and investment in non-premises improvements in the terminal facilities and Theme Building are capital assets to be acquired by LAWA subject to Board approval of each DIP.

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## TENANT IMPROVEMENTS ELEMENT - Terminal 6 (TI06)

### **Project Description**

Alaska Airlines has recently completed an upgrade of Terminal 6 through multiple projects including: construction of an in-line baggage screening facility project, construction of Alaska's "airport of the future", a rework of the ticket lobby, construction of additional lanes for the security screening check point, reconstruction of the FIS corridor in the satellite extension, replacement of the escalators and elevators in the terminal and upgrading the departure area finishes. The concessions program for Terminal 6 is currently in the procurement development stage in coordination with the Terminal Commercial Manager (TCM) program delivery method.

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## WORK IN PROGRESS OVERVIEW

### User's Guide - Work in Progress

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

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## WORK IN PROGRESS - 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 / Status**

The project definition phase is nearing completion.

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## 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 / Status**

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.

The TBIT EDS is an enabling project for the Bradley West Outbound BHS project. The work involves installing 2 EDS machines into the existing oversized baggage lines located at the Apron Level of TBIT. This project will add additional baggage screening capacity and will help alleviate problems during the main Bradley West Outbound BHS work in the future. The pricing information has been developed; and a recommendation to award the work is forecast for an April 2013 Board meeting.

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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 / Status**

The Project Definition phase is underway.

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## WORK IN PROGRESS - Terminal 2 Signage Replacement Project (T013A)

### **Project Description**

This project consists of replacing the current way finding and room identification signs, which have dated designs that do not work well with the current passenger environment, with newer signs. These newer signs will utilize larger graphics to attract passenger attention; will be easier to identify and read from a distance; and utilize international symbols and icons for a quick read.

### **Issues / Status**

The Project Definition phase is underway.

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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 / Status**

The Project Definition phase is underway.



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## **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 / Status**

The Project Definition phase is underway.

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## WORK IN PROGRESS - Terminal 3 Restroom Enhancements (T029A)

### **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) in the twelve (12) public 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.

### **Issues / Status**

The Project Definition phase is underway.

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## PROGRAM MASTER SCHEDULE OVERVIEW

### User's Guide - Schedule

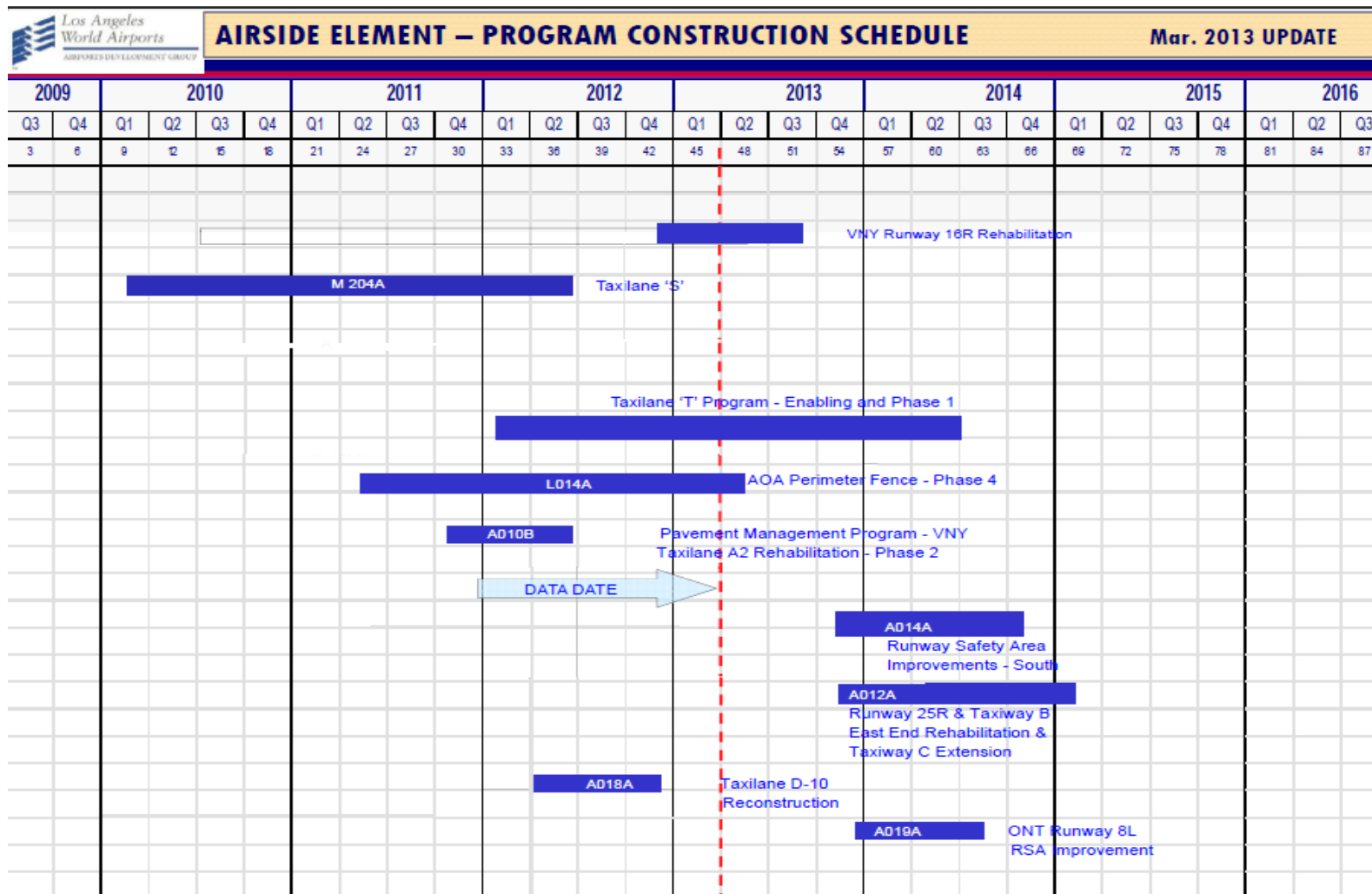
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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

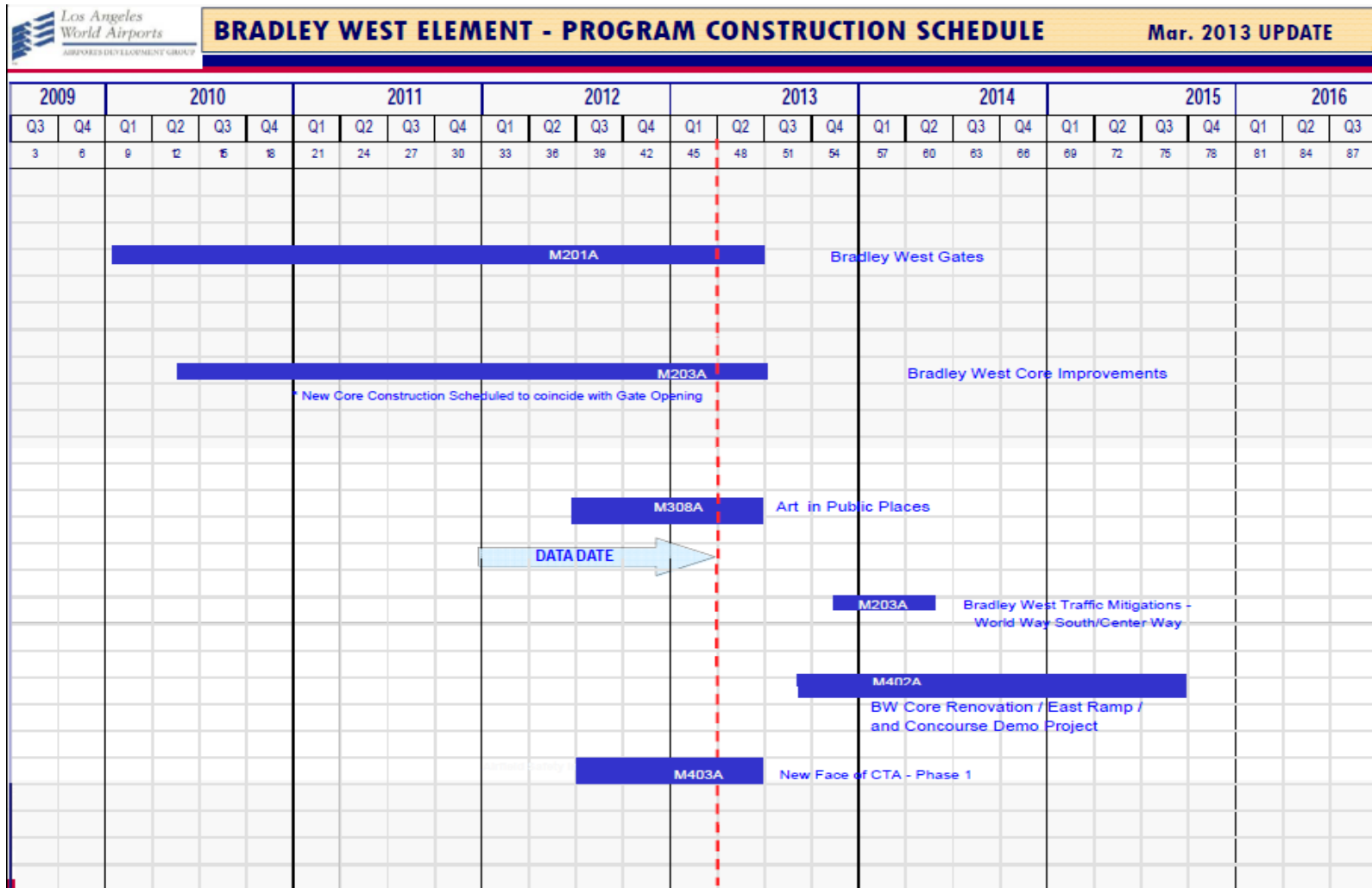
**Project Schedule Bar** - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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


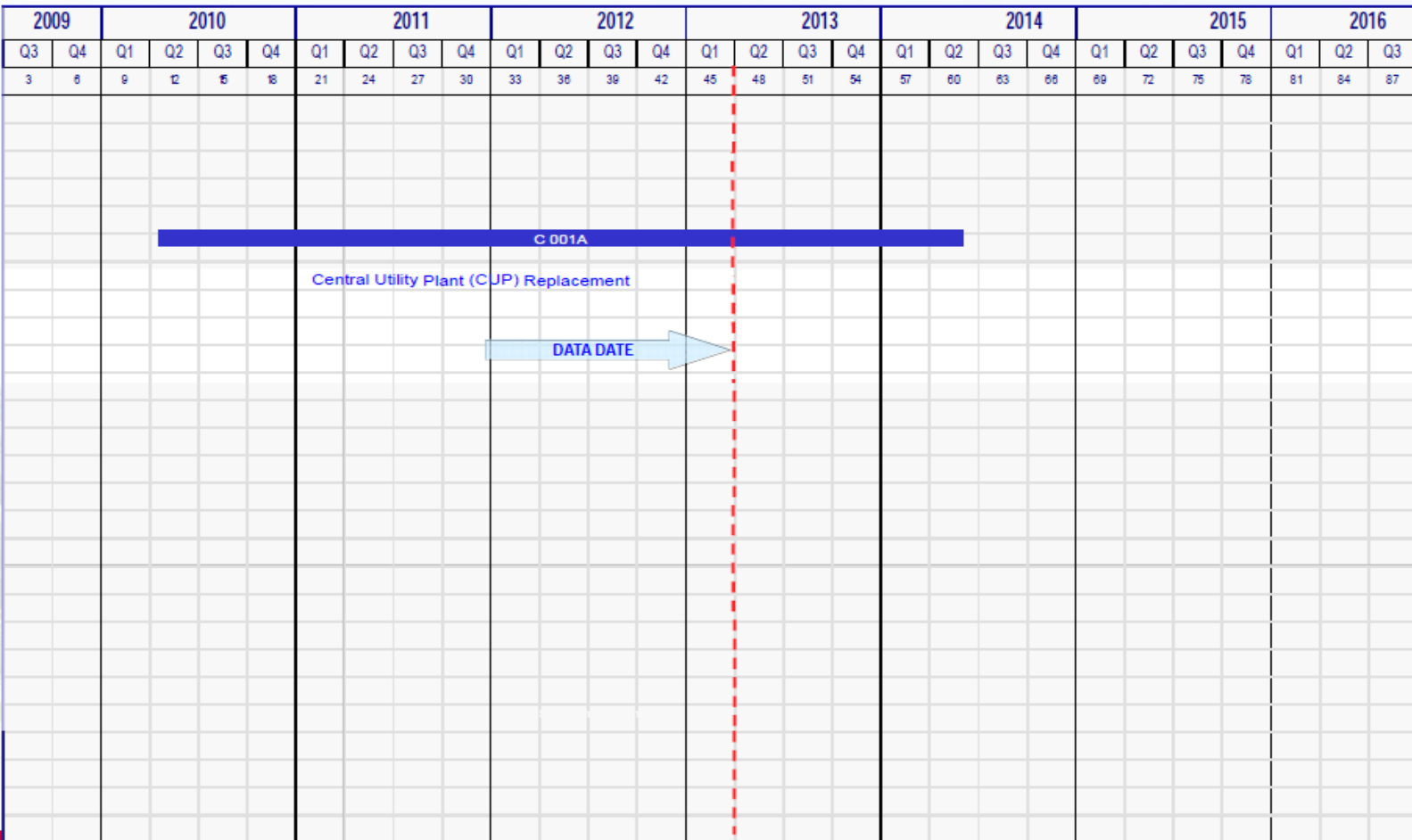
## PROGRAM MASTER SCHEDULE - Continued



# PROGRAM MASTER SCHEDULE - Continued

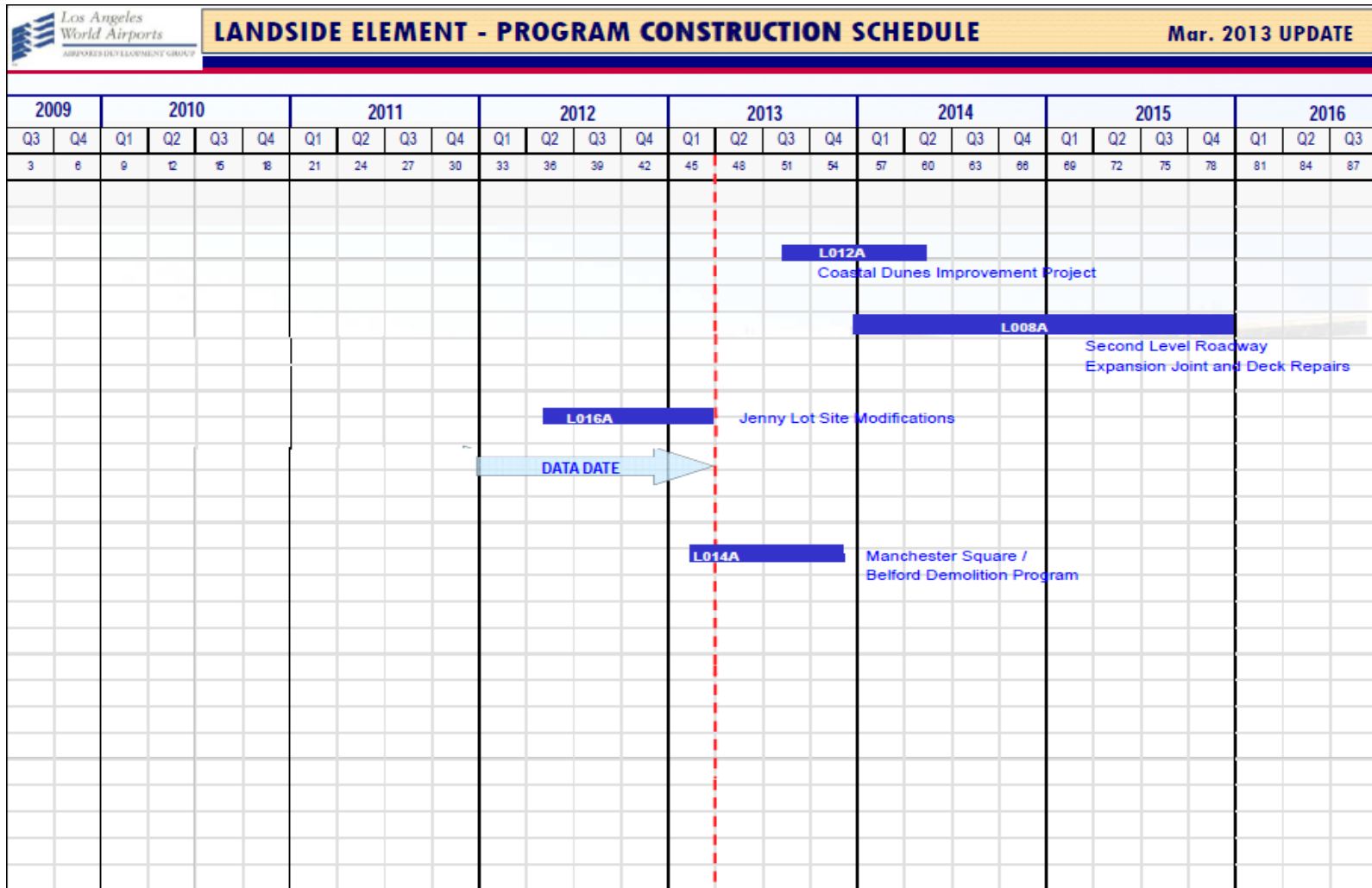


# PROGRAM MASTER SCHEDULE - Continued



 <b>CUP ELEMENT - PROGRAM CONSTRUCTION SCHEDULE</b> <span style="float: right;">Mar. 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
																												



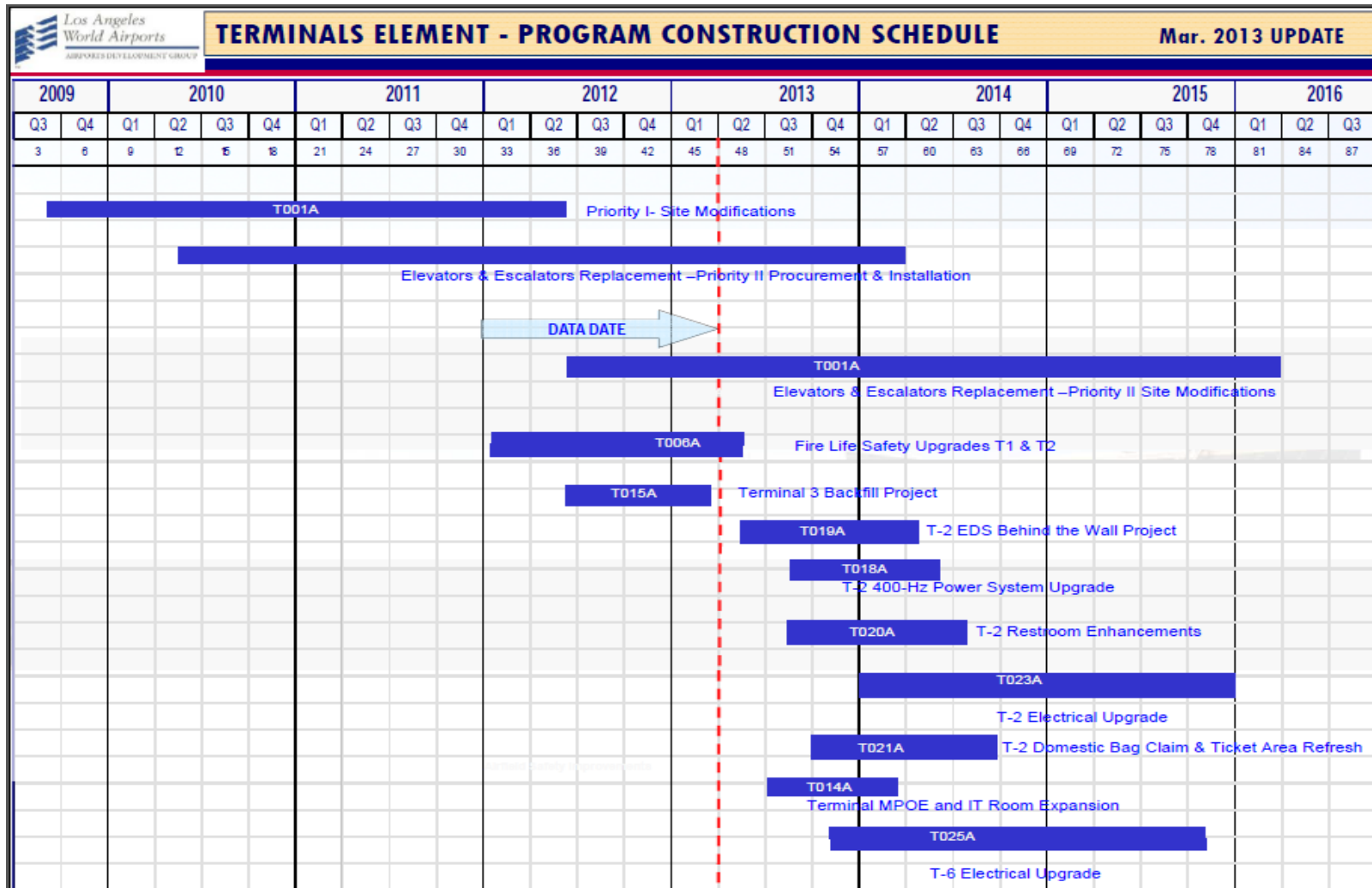
## PROGRAM MASTER SCHEDULE - Continued



## PROGRAM MASTER SCHEDULE - Continued

		<b>RESIDENTIAL/ SOUNDPROOFING ELEMENT- PROGRAM SCHEDULE</b>																				<b>Mar. 2013 UPDATE</b>						
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 reported in the November 2009 report with the exception of the Crossfield Taxiway project which is from the February 2009 Operating Statement (OS) budget report.

Current Budget - Is the estimated cost of the project as it was planned plus or minus any processed revisions.

Committed to Date - Is the total contractual obligation to date for the project, e.g. awarded design contracts, awarded construction contracts, authorized task orders, etc.

Incurred to Date - Is the total of invoices received to date for the project.

Estimate at Completion (EAC) - Is the latest estimate of the total cost of the project.

Variance - Is the difference between Budget minus Estimate at Completion (EAC).

Percent (%) Incurred - Calculated as Incurred to Date divided by Estimate at Completion, this column provides a financial-oriented progress indicator.

Percent (%) Contingency Used: Calculated as the change in Contingency divided by Original Contingency, this column provides an indicator for project contingency-usage.

## PROGRAM COST SUMMARY REPORT

as of 3/31/2013

(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	376,263	358,809	488,360	14,750	73%	70%
Bradley West Element	2,040,915	1,920,365	1,554,359	1,328,178	1,899,910	20,455	70%	39%
CUP Replacement Element	423,835	423,835	360,708	255,848	407,312	16,522	63%	30%
Utilities & Infrastructure Element	8,175	13,994	13,723	13,723	13,723	271	100%	100%
Residential/Soundproofing Element	180,000	160,000	156,246	147,539	160,000	0	92%	0%
Terminal Element	270,000	240,035	192,604	83,749	203,184	36,850	41%	9%
<b>Subtotal: Capital Budget 1</b>	<b>3,429,735</b>	<b>3,261,339</b>	<b>2,653,902</b>	<b>2,187,847</b>	<b>3,172,490</b>	<b>88,848</b>	<b>N/A</b>	<b>N/A</b>
<b>Capital Budget 2</b>								
Airside Element	167,864	164,959	46,536	24,936	152,713	12,247	16%	5%
Utilities & Infrastructure Element	12,544	12,544	532	70	11,255	1,288	1%	0%
Landside Element	31,114	30,438	10,231	3,229	41,963	(11,525)	8%	81%
Residential/Soundproofing Element	1,317	1,317	1,030	908	1,214	103	75%	0%
Terminal Element	247,723	247,364	17,800	10,607	215,166	32,198	5%	43%
<b>Subtotal: Capital Budget 2</b>	<b>460,562</b>	<b>456,622</b>	<b>76,128</b>	<b>39,750</b>	<b>422,311</b>	<b>34,311</b>	<b>N/A</b>	<b>N/A</b>
<b>Subtotal:</b>	<b>3,890,297</b>	<b>3,717,961</b>	<b>2,730,030</b>	<b>2,227,600</b>	<b>3,594,802</b>	<b>123,159</b>	N/A	N/A
Unallocated Contingency	N/A	174,700	N/A	N/A	N/A	N/A	N/A	N/A
Work in Progress	N/A	0	18,981	14,599	N/A	N/A	N/A	N/A
	N/A	<b>0</b>	<b>18,981</b>	<b>14,599</b>	N/A	N/A	N/A	N/A
<b>Program Total</b>	N/A	<b>3,892,661</b>	<b>2,749,011</b>	<b>2,242,199</b>	N/A	N/A	N/A	N/A

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

## AIRSIDE ELEMENT BUDGET REPORT as of 3/31/2013

(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	157,033	148,613	161,811	230	92%	53%
M306A	Taxilane 'T'	96,500	156,284	35,951	30,681	143,268	13,016	21%	19%
M209A	Construction Support Facilities	14,790	9,475	8,096	7,484	8,096	1,379	92%	57%
Close-Out	M000A-Associated Projects	1,340	1,607	1,605	1,476	1,607	0	92%	97%
Close-Out	M101A-Crossfield Taxiway Project	177,760	137,245	137,245	134,239	137,245	0	98%	100%
Close-Out	M107A-LAX Aircraft Rescue and Fire Fighting Facility	14,190	14,216	14,092	14,092	14,092	124	100%	100%
Close-Out	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>376,263</b>	<b>358,809</b>	<b>488,360</b>	<b>14,750</b>	<b>73%</b>	<b>70%</b>
	<b>Capital Budget 2</b>								
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	7,108	4,584	41,159	2,078	11%	0%
A018A	Taxilane D-10 Reconstruction	9,062	9,062	7,596	7,197	7,608	1,454	95%	0%
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	53	53	67,802	5,404	0%	0%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,585	2,483	2,565	368	97%	18%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	6,003	3,348	5,993	513	56%	3%
A016A	VNY Runway 16R Rehabilitation	20,483	20,483	17,769	2,199	18,374	2,109	12%	0%
Close-Out	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 3/31/2013

(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	357	7	4,147	320	0%	0%
	<b>Capital Budget 2 Total</b>	<b>167,864</b>	<b>164,959</b>	<b>46,536</b>	<b>24,936</b>	<b>152,713</b>	<b>12,247</b>	<b>16%</b>	<b>5%</b>
	<b>Airside Total</b>	<b>674,674</b>	<b>668,070</b>	<b>422,798</b>	<b>383,745</b>	<b>641,073</b>	<b>26,996</b>		

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

## BRADLEY WEST ELEMENT BUDGET REPORT as of 3/31/2013

(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	842,731	789,323	717,773	842,691	40	85%	40%
M203A	Bradley West Core Improvements	808,364	736,089	695,056	566,446	753,631	(17,542)	75%	40%
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	735	141	19	760	(25)	3%	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	277,038	23,075	21,693	249,635	27,403	9%	0%
M403A	New Face of CTA - Phase 1	43,270	56,261	39,347	17,154	45,776	10,485	37%	0%
Close-Out	M203B-Construction Traffic Mitigations	3,542	2,151	2,057	2,057	2,057	94	100%	100%
	<b>Capital Budget 1 Total</b>	<b>2,040,915</b>	<b>1,920,365</b>	<b>1,554,359</b>	<b>1,328,178</b>	<b>1,899,910</b>	<b>20,455</b>	<b>70%</b>	<b>39%</b>
	<b>Bradley West Total</b>	<b>2,040,915</b>	<b>1,920,365</b>	<b>1,554,359</b>	<b>1,328,178</b>	<b>1,899,910</b>	<b>20,455</b>		

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



## CUP REPLACEMENT ELEMENT BUDGET REPORT as of 3/31/2013

(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	360,708	255,848	407,312	16,522	63%	30%
	<b>Capital Budget 1 Total</b>	<b>423,835</b>	<b>423,835</b>	<b>360,708</b>	<b>255,848</b>	<b>407,312</b>	<b>16,522</b>	<b>63%</b>	<b>30%</b>
	<b>CUP Replacement Total</b>	<b>423,835</b>	<b>423,835</b>	<b>360,708</b>	<b>255,848</b>	<b>407,312</b>	<b>16,522</b>		

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

## UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 3/31/2013

(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>								
Close-Out	Airport Response Coordination Center (ARCC)	8,175	13,994	13,723	13,723	13,723	271	100%	100%
	<b>Capital Budget 1 Total</b>	<b>8,175</b>	<b>13,994</b>	<b>13,723</b>	<b>13,723</b>	<b>13,723</b>	<b>271</b>	<b>100%</b>	<b>100%</b>
	<b>Capital Budget 2</b>								
U020A	Electrical, Communications and Water Utility Ext. - 5th Feeder Project	12,544	12,544	532	70	11,255	1,288	1%	0%
	<b>Capital Budget 2 Total</b>	<b>12,544</b>	<b>12,544</b>	<b>532</b>	<b>70</b>	<b>11,255</b>	<b>1,288</b>	<b>1%</b>	<b>0%</b>
	<b>Utilities &amp; Infrastructure Total</b>	<b>20,719</b>	<b>26,538</b>	<b>14,255</b>	<b>13,793</b>	<b>24,978</b>	<b>1,559</b>		

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

## LANDSIDE ELEMENT BUDGET REPORT as of 3/31/2013

(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	2,048	1,529	30,995	(12,095)	5%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	568	392	2,949	51	13%	0%
L015A	Manchester Square / Belford Demolition Program	1,981	1,305	977	174	1,237	68	14%	0%
L016A	Jenny Lot Site Modifications	7,233	7,233	6,637	1,136	6,783	450	17%	100%
<b>Capital Budget 2 Total</b>		<b>31,114</b>	<b>30,438</b>	<b>10,231</b>	<b>3,229</b>	<b>41,963</b>	<b>(11,525)</b>	<b>8%</b>	<b>81%</b>
<b>Landside Total</b>		<b>31,114</b>	<b>30,438</b>	<b>10,231</b>	<b>3,229</b>	<b>41,963</b>	<b>(11,525)</b>		

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

2. The Second Level Roadway Expansion Joint and Deck Repairs project has a negative variance attributable to additional work identified during the design phase, including polyester concrete overlay, additional hinge repairs and the night-shift premium. These changes were submitted to the Board in September 2012.

## RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 3/31/2013

(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/SOUNDPROOFING</b>								
	<b>Capital Budget 1</b>								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	156,246	147,539	160,000	0	92%	0%
	<b>Capital Budget 1 Total</b>	<b>180,000</b>	<b>160,000</b>	<b>156,246</b>	<b>147,539</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>157,276</b>	<b>148,447</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 3/31/2013

(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	192,604	83,749	203,184	36,850	41%	9%
	<b>Capital Budget 1 Total</b>	<b>270,000</b>	<b>240,035</b>	<b>192,604</b>	<b>83,749</b>	<b>203,184</b>	<b>36,850</b>	<b>41%</b>	<b>9%</b>
	<b>Capital Budget 2</b>								
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,217	2,584	3,316	939	78%	13%
T011A	Terminal 4 Connector	114,318	114,318	1,354	753	102,029	12,288	1%	0%
T014A	Terminal MPOE and IT Room Expansion	19,653	19,653	326	33	16,773	2,880	0%	0%
T015A	Terminal 3 Backfill Project	5,846	6,531	7,338	4,781	7,526	(995)	64%	98%
T016A	ADA Accessibility Improvements	2,000	2,000	597	416	1,793	207	23%	0%
T017A	Concessions Enabling Project	3,445	3,445	1,244	1,244	2,401	1,044	52%	0%
T018A	Terminal 2 400-Hz Power System Upgrade	1,676	1,676	251	98	3,911	(2,234)	3%	0%
T019A	Terminal 2 EDS Behind the Wall Project	14,246	14,246	640	161	12,003	2,244	1%	0%
T020A	Terminal 2 Restroom Enhancements	3,112	3,112	455	12	3,156	(44)	0%	0%
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	13,386	13,386	389	0	11,667	1,719	0%	0%
T022A	Terminal 7 Restroom Enhancements	6,159	6,159	151	1	714	5,445	0%	0%
T023A	Terminal 2 Electrical Upgrade	39,009	39,009	1,589	277	33,137	5,872	1%	0%
T025A	Terminal 6 Electrical Upgrades Project	19,574	19,574	249	249	16,741	2,833	1%	0%
	<b>Capital Budget 2 Total</b>	<b>247,723</b>	<b>247,364</b>	<b>17,800</b>	<b>10,607</b>	<b>215,166</b>	<b>32,198</b>	<b>5%</b>	<b>43%</b>
	<b>Terminal Total</b>	<b>517,723</b>	<b>487,398</b>	<b>210,404</b>	<b>94,357</b>	<b>418,350</b>	<b>69,049</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 3/31/2013

(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>									
T013A	Terminal 2 Signage Replacement Project	N/A	0	0	0	N/A	N/A	N/A	N/A
A017A	West Maintenance Area	N/A	0	9,325	7,709	N/A	N/A	N/A	N/A
M404A	Bradley West Outbound Baggage Handling System	N/A	0	3,825	1,060	N/A	N/A	N/A	N/A
T012A	New Face of the CTA - Phase 2	N/A	0	2,989	2,988	N/A	N/A	N/A	N/A
T026A	Midfield Satellite Concourse (North Gates)	N/A	0	2,842	2,842	N/A	N/A	N/A	N/A
T028A	Passenger Boarding Bridge Relocation	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>18,981</b>	<b>14,599</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>18,981</b>	<b>14,599</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.

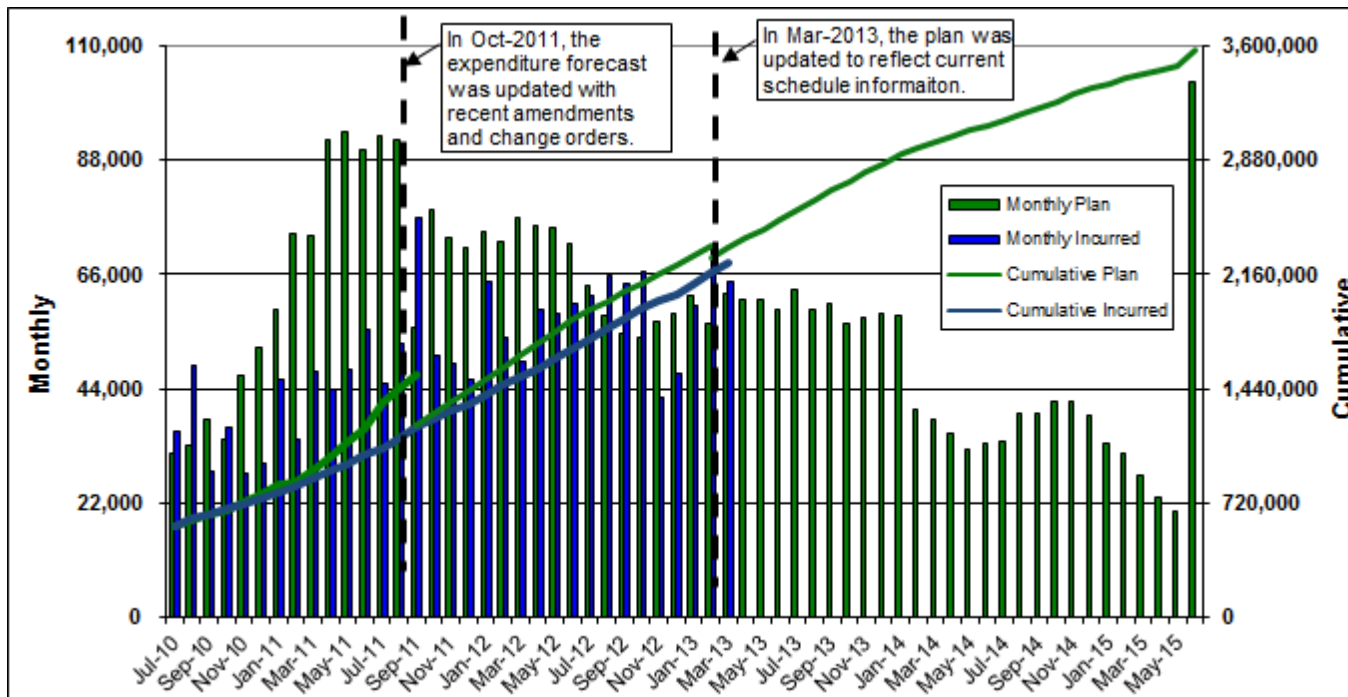
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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 3/31/2013



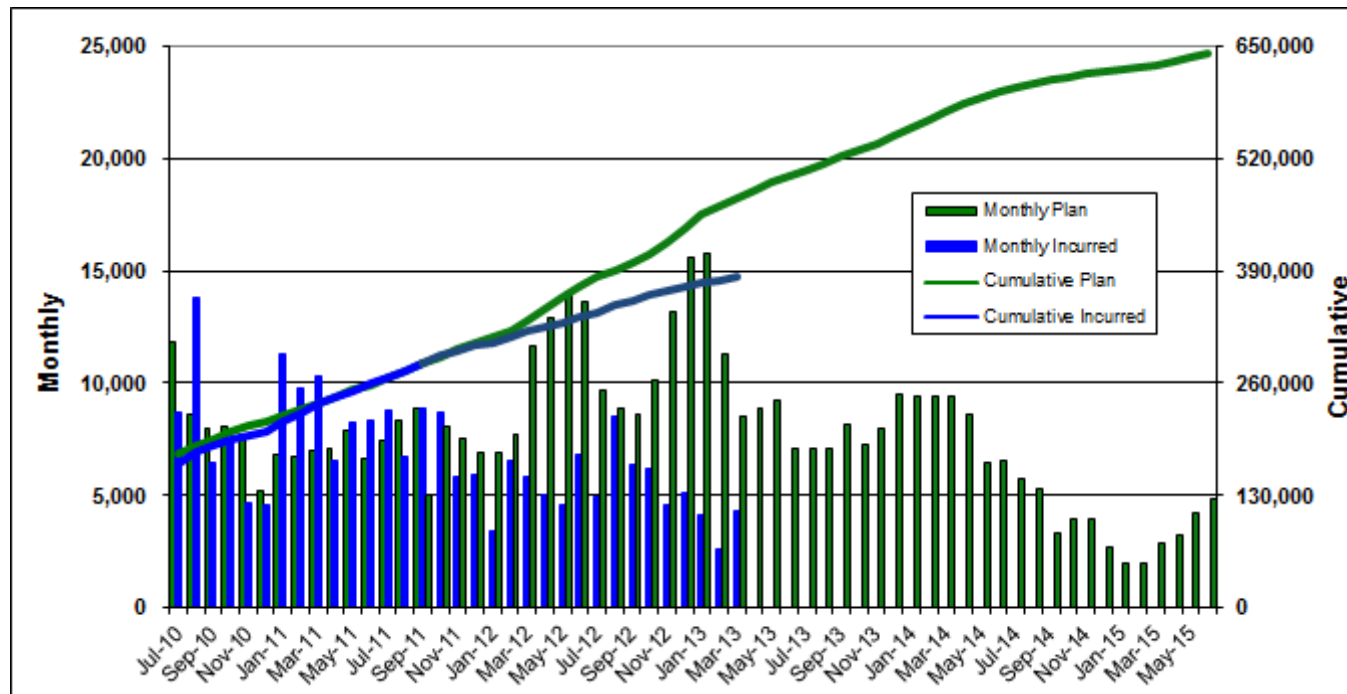
Notes:

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



## AIRSIDE ELEMENT CASH FLOW

as of 3/31/2013

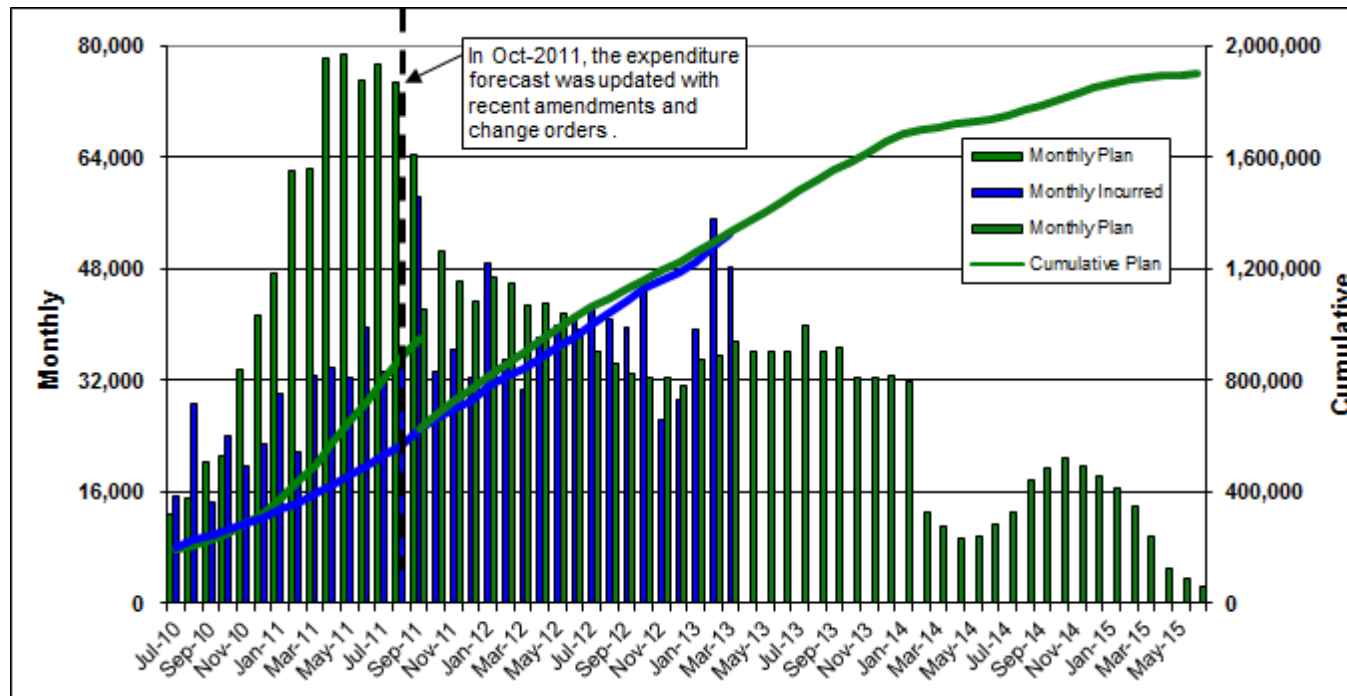


Notes:

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

## BRADLEY WEST ELEMENT CASH FLOW

as of 3/31/2013

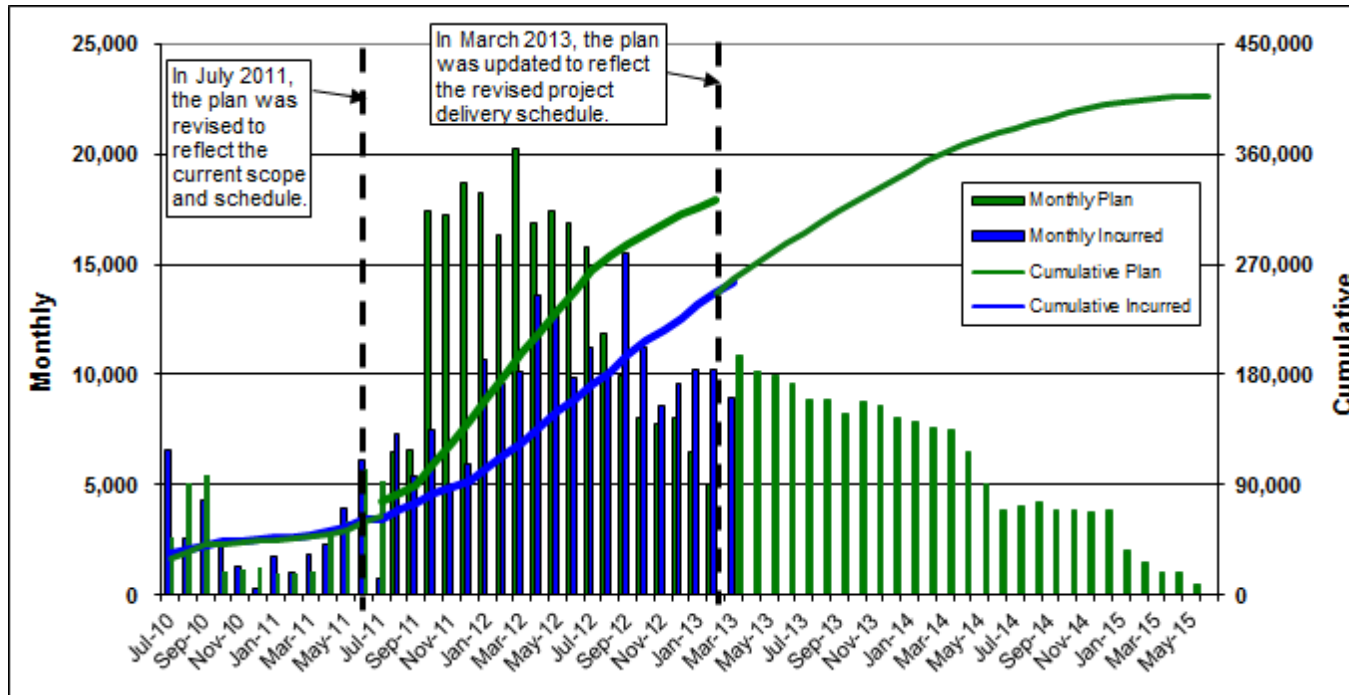


Notes:

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

## CUP REPLACEMENT CASH FLOW

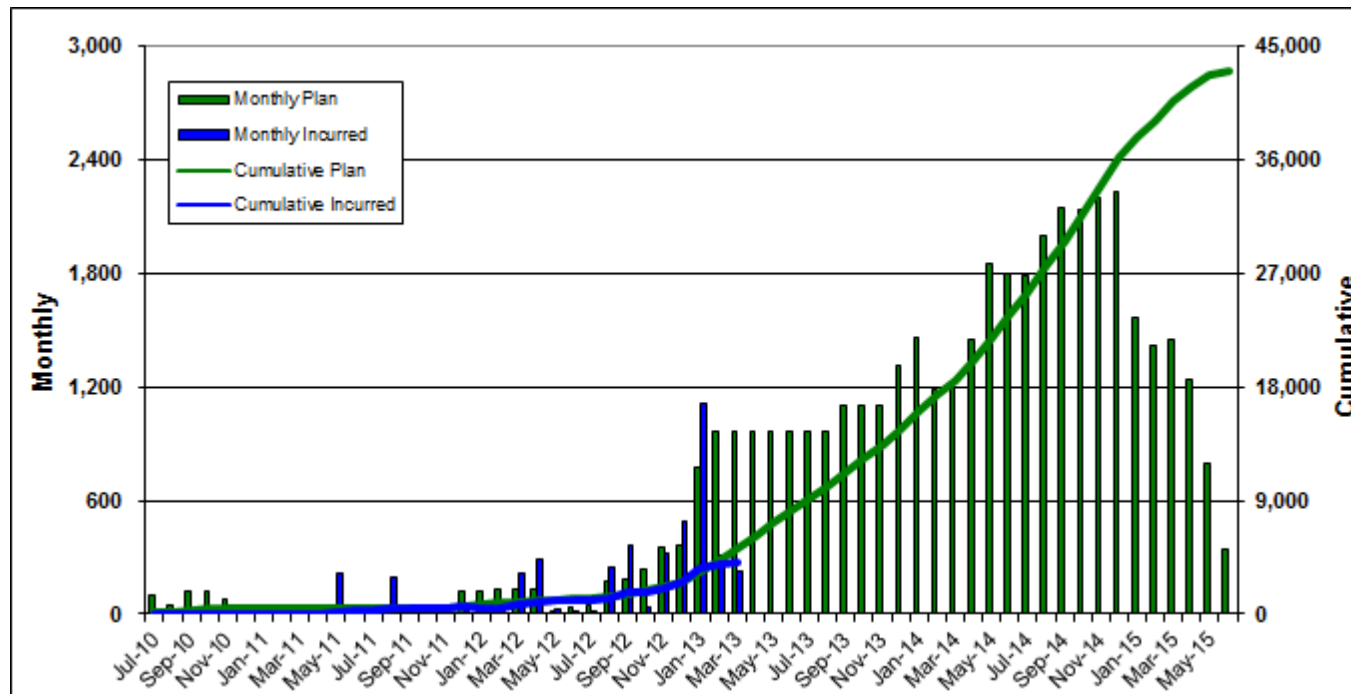
as of 3/31/2013



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

## LANDSIDE ELEMENT CASH FLOW

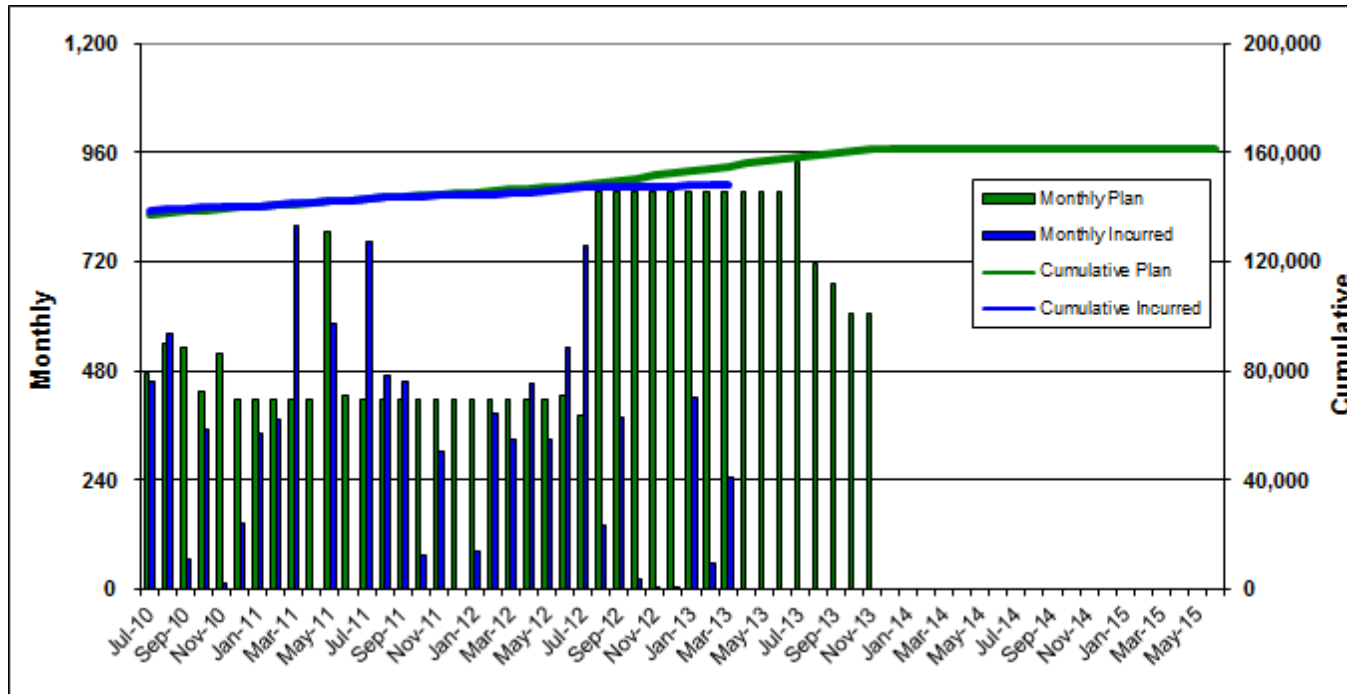
as of 3/31/2013



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

## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

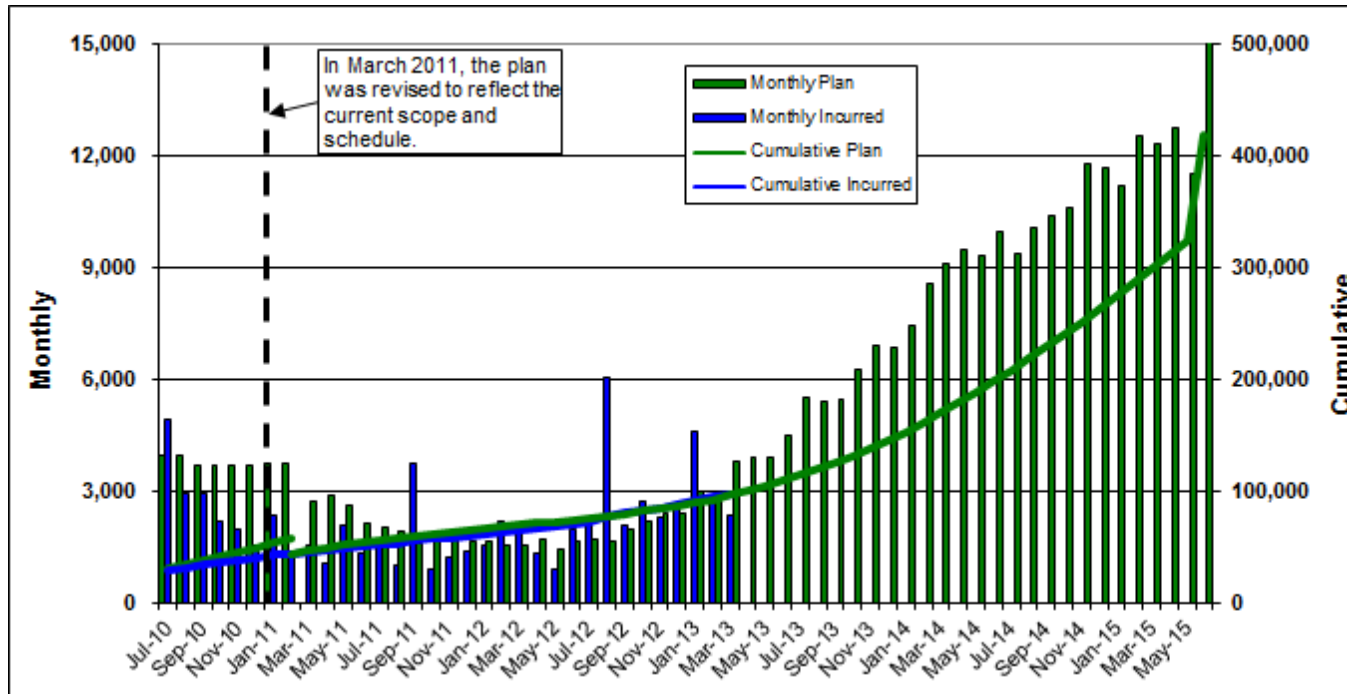
as of 3/31/2013



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

# TERMINALS ELEMENT CASH FLOW

as of 3/31/2013



- 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 3/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>							



## CHANGE ORDERS - Continued as of 3/31/2013

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		0050		\$401,522		Level 3 Tenant Interior Fitout
	DA-4337/CGMP01		0051	\$3,461			TWY-C and TWY-D Crossing - 2" Minimum Milling Below Adjac
	DA-4337/CGMP01		0052	\$28,579			Demo of Knockout Panel at North Basement Wall Along Gridline
	DA-4337/CGMP01		0053	\$34,982			Escalator Pit Closure Details (RFI-7284) (Demolition)
	DA-4337/CGMP01		0054	\$9,990			Relocation of K-Rail for Inspector Parking at Gate 132 - Further
	DA-4337/CGMP01		0055	\$4,573			Temporary Walls and Signage for Phase A.1
	DA-4337/CGMP01		0056	\$809			Concession Areas Elevator Smoke Detectors
	DA-4337/CGMP02		0373	\$10,769			CCP Change to Storm Drain Interface Point to Accommodate
	DA-4337/CGMP02		0374	\$13,976			Confirmation for Binnacle Access Door and Curtain Wall Mullio
	DA-4337/CGMP02		0375	\$85,666			CCP2- Reconnect the Fire Water Line for Bradley West and IW
	DA-4337/CGMP03		0114	\$23,697			CCP - Temporary Vent Covers on LAWA 34.5 kV Manholes (R
	DA-4337/CGMP03		0115	\$4,240			Modification of Sidewalk for Backflow Preventer "BFP-1"
	DA-4337/CGMP03		0116	\$6,435			Concourse Construction Package Bulletin H56 LAWA Power G
	DA-4337/CGMP03		0117	\$3,359			CCP Existing Trench Drain Lateral 25-5 Extension Piece in Con
	DA-4337/CGMP03		0118	\$(37,102)			West Apron Fire Hydrants Relocation
	DA-4337/CGMP03		0119	\$2,520			Concrete Deck Edge Extension at Existing North Concourse (D
	DA-4337/CGMP03		0120	\$46,793			TWY-C and TWY-D Crossing - 2" Minimum Milling Below Adja
	DA-4337/CGMP03		0121	\$8,593			Relocation of K-Rail for Inspector Parking at Gate 132 - Furthe
	DA-4337/CGMP03		0122	\$119,399			Shortened Generator Pad
	DA-4337/CGMP03		0123	\$10,345			Reconnect the Fire Water Line for Bradley West and IW
	DA-4337/CGMP04		0175	\$24,897			Rust Removal by JT Wimsatt for August and September 2012
	DA-4337/CGMP05		0158	\$13,039			Concrete Deck Edge Extension at Existing North Concourse (M
	DA-4337/CGMP05		0159	\$71,911			Escalator Pit Closure Details (RFI-7284) (Miscellaneous Metal
	DA-4337/CGMP05		0160	\$2,687			Gate 159 Level 5 Type B8 Sign Support Modification
	DA-4337/CGMP05		0161	\$20,141			Visual Docking Guidance System (VDGS) Supports Anchor Sp
	DA-4337/CGMP05		0162	\$27,032			Concession Areas Elevator Smoke Detectors
	DA-4337/CGMP06		0083	\$48,233			Bus Connector Flashing At Expansion Joints
	DA-4337/CGMP06		0084	\$33,223			Chimney Cap Flashing - (PVC Roofing)
	DA-4337/CGMP06		0085	\$792			Temporary Fire Department Connection for TCO in the North Co
	DA-4337/CGMP07		0175	\$95,285			Level 3 Tenant Interior Fitout (Fire Protection)
	DA-4337/CGMP07		0176	\$(2,950)			Cancels CGMP Rev 7.167

### Bradley West Element

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

DA-4337/CGMP07	0177	\$2,245		Added Fur Wall at Janitor's Closet Room 3S5-18 (P
DA-4337/CGMP07	0178	\$16,140		Temporary Fire Department Connection for TCO in the North C
DA-4337/CGMP07	0179	\$4,310		Gates Pier CBP Interview Room Security Concerns (HVAC)
DA-4337/CGMP07	0180	\$1,405		Water Damage Caused By Over Pressurized Main Feed (Fire
DA-4337/CGMP07	0181	\$4,552		Temporary Walls and Signage for Phase A.1 - (Fire
DA-4337/CGMP07	0182	\$7,320		Concession Areas Elevator Smoke Detectors
DA-4337/CGMP07	0183	\$5,450		Reconnect the Fire Water Line for Bradley West and IW
DA-4337/CGMP08	0293	\$13,551		Overhang Ceiling Between N3 And BGC Permanent Exit Signs
DA-4337/CGMP08	0294	\$5,524		Supplemental Permits for Change Directives and RFI Respons
DA-4337/CGMP08	0295	\$435		Netbotz Configuration
DA-4337/CGMP08	0296	\$62,425		Level 3 Alcove Lights (Electrical)
DA-4337/CGMP08	0297	\$59,519		Installation Signs of Exit Signs and Sterile Corridor Pylon Penet
DA-4337/CGMP08	0298	\$15,265		Emergency Phone Line to Elevator Control R
DA-4337/CGMP08	0299	\$1,300		Communications Room BIM Reoordination
DA-4337/CGMP08	0300	\$2,942		Gate Podium Aesthetic Mock-Up, R1
DA-4337/CGMP08	0301	\$11,061		Tenant Conduit From Cable Tray to Tenant Wiring Closet (EI
DA-4337/CGMP08	0302	\$58,304		Isolated Ground for 120V Rated Line Array Speaker
DA-4337/CGMP08	0303	\$3,180		Revise Lift Gate Reader Center Stations
DA-4337/CGMP08	0304	\$340		Temporary Walls and Signage for Phase A.1 - (Elect
DA-4337/CGMP08	0305	\$13,039		Netbotz added to 5th Floor Radio Rooms
DA-4337/CGMP08	0306	\$34,810		Concession Areas Elevator Smoke Detectors
DA-4337/CGMP09	0103	\$1,766		Overhang Ceiling Between N3 And BGC Permanent Exit Signs
DA-4337/CGMP09	0104	\$35,017		Level 3 Alcove Lights (GDN-214) (Exterior Framing and Sheath
DA-4337/CGMP09	0105	\$4,990		Enclosure for Opening above Louver at South Tug Pass
DA-4337/CGMP09	0106	\$7,555		Concrete Deck Edge Extension at Existing North Concourse
DA-4337/CGMP09	0107	\$1,202		Gate 159 Level 5 Type B8 Sign Support Modification -
DA-4337/CGMP09	0108	\$9,557		R9J Roof Seismic Joint at S21 ( )
DA-4337/CGMP09	0109	\$2,603		Architectural Concrete Columns along Gridline S1 At The Sout
DA-4337/CGMP09	0110	\$1,514		Concession Areas Elevator Smoke Detectors
DA-4337/CGMP10	0193	\$2,893		3N1-14 Wall Finish (Drywall Framing)
DA-4337/CGMP10	0194	\$7,413		Beam Wrap At Grid Line S39/DD (Framing)
DA-4337/CGMP10	0195	\$20,667		IGL-2 Glass at Level 5 Interface with Flying Beam
DA-4337/CGMP10	0196	\$3,723		Drywall Fur Out for Panel Attachment at Gate 152
DA-4337/CGMP10	0197	\$14,219		Gates Submittal Package 0787-BWG-0 Increase of Framing f
DA-4337/CGMP10	0198	\$(2,245)		Cancels CGMP Rev 10.175
DA-4337/CGMP10	0199	\$2,950		Added Fur Wall at Janitor's Closet Room 3S5-18

**Bradley West Element**

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

DA-4337/CGMP10	0200	\$1,549		Framing Adjustment for Vesda at Gridlines S24/AA Binnacle (
DA-4337/CGMP10	0201	\$3,753		Gates Fire Pump Room 3N1-15 Rated Ceiling
DA-4337/CGMP10	0202	\$9,120		Rated Pipe Enclosure at Gate 159 Elevator Shaft
DA-4337/CGMP10	0203	\$1,755		Gates Pier CBP Interview Room Security Concerns (Interior F
DA-4337/CGMP10	0204	\$12,892		Bus Connector Ceiling Height Level 4
DA-4337/CGMP10	0205	\$2,987		Tenant Conduit From Cable Tray to Tenant Wiring Closet (Int
DA-4337/CGMP10	0206	\$15,901		Added Wall Rating at Pollution Control Room S54
DA-4337/CGMP10	0207	\$7,243		Water Damage Caused By Over Pressurized Main Feed (Dry
DA-4337/CGMP10	0208	\$62,544		Added Control Joints At Interior Soffits
DA-4337/CGMP10	0209	\$48,516		Temporary Walls and Signage for Phase A.1 (Inte
DA-4337/CGMP10	0210	\$17,385		Concession Areas Elevator Smoke Detectors
DA-4337/CGMP10	0211	\$116,394		Request to Replenish Contingency - Approved Overtime/Acc
DA-4337/CGMP11	0029		\$285,159	Level 3 Tenant Interior Fitout
DA-4337/CGMP11	0030	\$2,063		Gates Pier CBP Interview Room Security Concerns (Doors Fra
DA-4337/CGMP11	0031	\$1,346		Temporary Walls and Signage for Phase A.1 - (Door
DA-4337/CGMP12	0093	\$7,208		Beam Wrap At Grid Line S39/DD (Decorative Metals)
DA-4337/CGMP12	0094	\$37,662		IGL-2 Glass at Level 5 Interface with Flying Beams
DA-4337/CGMP12	0095	\$(4,123)		Revise Ceiling at Vending Areas (Specialties)
DA-4337/CGMP12	0096	\$97,633		Request to Replenish Contingency - Approved Overtime/Accel
DA-4337/CGMP13	0089	\$1,162		3N1-14 Wall Finish (Painting)
DA-4337/CGMP13	0090		\$154,056	Level 3 Tenant Interior Fitout (Painting)
DA-4337/CGMP13	0091	\$7,125		Chimney Cap Flashing - RFI 7362 (Painting)
DA-4337/CGMP13	0092	\$18,711		Escalator Pit Closure Details (Interior Expansion)
DA-4337/CGMP13	0093	\$2,141		Tenant Conduit From Cable Tray to Tenant Wiring Closet (Pai
DA-4337/CGMP13	0094	\$3,579		Water Damage Caused By Over Pressurized Main Feed (Paint
DA-4337/CGMP14	0028	\$4,068		Confirmation for Binnacle Access Door and Curtain Wall Mullio
DA-4337/CGMP14	0029		\$533,125	Level 3 Tenant Interior Fitout () (Soft Flooring)
DA-4337/CGMP14	0030	\$1,973		Revise Lift Gate Reader Center Stations

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

DA-4382/CGMP01	0091		\$1,723,405	NFA - Light Pole Light Band Works (Field Services and General
DA-4382/CGMP01	0092	\$6,935		MEP/FP Protection Underside of Level 7 Decking Where 2 Hour
DA-4382/CGMP04	0142	\$6,974		Existing Non-Compliant Conditions - TBIT Stairs 9
DA-4382/CGMP04	0143	\$1,567		CON C5EL05 Guide Rail Support Stee
DA-4382/CGMP04	0144	\$484		Revised Elevator C4EL01 Machine Beam Attachme
DA-4382/CGMP04	0145	\$2,122		Stair 9 and 10 Electrical Re-Work at the Level 1 Exi
DA-4382/CGMP04	0146		\$324,553	Request to Replenish Contingency - Approved Overtime/Accel

**Bradley West Element**

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

DA-4382/CGMP04	0147	\$21,367		Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP05	0072	\$4,820		Core S1 East and West Seismic Joint Conditions (Met
DA-4382/CGMP05	0073	\$6,366		Premier Lounge Wall Framing)
DA-4382/CGMP05	0074	\$17,951		Insect Screen at Downspout Enclosure
DA-4382/CGMP05	0075	\$3,079		Curb Wall Flashing at SSR1A Clerestory
DA-4382/CGMP06	0347	\$3,770		Revised Elevator C4EL01 Machine Beam Attachme
DA-4382/CGMP06	0348	\$18,116		Permit Review Clarification to Level 5 Ramp
DA-4382/CGMP06	0349	\$(8,720)		Passageway 2C8-05 Topping Slab to Match TBIT Elevation Dif
DA-4382/CGMP06	0350	\$8,990		North Level 7 Egress Stair (Concrete)
DA-4382/CGMP06	0351	\$101,809		Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP07	0068	\$4,101		North Level 7 Egress Stair CDN-261 (Curtain wall)
DA-4382/CGMP08	0374	\$(11,178)		IEMS Media Equipment Room (MER) Head-End Equipment Pr
DA-4382/CGMP08	0375	\$44,455		Relocation of Gas Meters and Piping at North End of the Core
DA-4382/CGMP08	0376	\$3,445		Level 1 Area C6 Restroom Type FC10 Cove Lights
DA-4382/CGMP08	0377	\$6,349		Communications Customs Border Patrol (CBP)
DA-4382/CGMP08	0378	\$53,447		MEP/FP Protection Underside of Level 7 Decking Where 2 Ho
DA-4382/CGMP08	0379	\$42,629		Added CBP Cameras for FIS Escalator Co
DA-4382/CGMP08	0380	\$25,217		Balancing Valve in Domestic Hot Water Recirculating Line
DA-4382/CGMP08	0381	\$77,028		North Level 7 Egress Stair CDN-261 (Electrical)
DA-4382/CGMP08	0382	\$116,140		Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP08	0383	\$75,112		Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP08	0384	\$106,424		Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP09	0154	\$6,365		S1 East and West Seismic Joint Conditions (Ex
DA-4382/CGMP09	0155	\$3,692		Structural Steel Added to Accommodate EVIDS Pole Installatio
DA-4382/CGMP09	0156	\$14,880		-04 Wall Slab Interruptions at Level 06 Communication an
DA-4382/CGMP09	0157	\$13,631		CON C5EL05 Guide Rail Support Ste
DA-4382/CGMP09	0158	\$7,781		Revised Elevator C4EL01 Machine Beam Attachme
DA-4382/CGMP09	0159	\$16,649		Landing Gap per Detail 1/A7400 - Stair C6ST01 Level 4
DA-4382/CGMP09	0160	\$72,839		North Level 7 Egress Stair CDN-261 (Miscellaneous Metals)
DA-4382/CGMP09	0161	\$136,092		Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP10	0043	\$1,756		EWT-04 Wall Slab Interruptions at Level 06 Communication an
DA-4382/CGMP12	0158	\$8,541		Electrical K4A/K4B Fixture Mounting Detail
DA-4382/CGMP12	0159	\$4,679		SSI Door 3C2ST03A/B ACAMS Location
DA-4382/CGMP12	0160	\$2,432		Level 1 Area C6 Restroom Type FC10 Cove Light
DA-4382/CGMP12	0161	\$2,301		Stair 9 and 10 Electrical Re-Work at the Level 1 E
DA-4382/CGMP12	0162	\$3,803		Relocation of Junction Box and Soffit Enclosure Arou

### Bradley West Element

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

DA-4382/CGMP13	0071	\$825		Structural Steel Added to Accommodate EVIDS Pole Installatio
DA-4382/CGMP13	0072	\$3,660		Added CBP Cameras for FIS Escalator Co
DA-4382/CGMP13	0073	\$14,350		EVIDS Display Shroud Modifications
DA-4382/CGMP14	0079	\$1,811		Relocation of Gas Meters and Piping at North End of the Core
DA-4382/CGMP15	0025		\$177,964	Upgrade Moisture Barrier For The IT Room SDT Install Pre-Co
DA-4382/CGMP15	0026	\$2,696		Passenger Boarding Bridge (PBB) Gate 148 Gutte
DA-4382/CGMP16	0007	\$1,380		North Level 7 Egress Stair CDN-261 (Signage and Graphics)
DA-4382/CGMP18	0019	\$2,849		Pothole Existing Storm Drain Line
DA-4382/CGMP18	0020	\$14,839		NFA - Light Box Mock-up
DA-4382/CGMP18	0021	\$1,118		NFA - Permit to Remove the Elevators for Order to Comply B3
DA-4382/CGMP18	0022		\$1,581,014	NFA - Light Pole Light Band Works
DA-4382/CGMP18	0023	\$59,192		NFA - Demolition of Entry Columns
DA-4382/CGMP18	0024	\$72,743		NFA - Pipe Liner to Canopy Drains
DA-4382/CGMP18	0025	\$894		NFA - Scanning of Columns on the Upper Level Terminal and
DA-4382/CGMP18	0026	\$44,199		NFA - Changes Due to the Issuance of Bulletin 3
DA-4382/CGMP18	0027		\$353,564	Changes Due to Issuance of Bulletin 01
DA-4382/CGMP18	0028		\$325,542	NFA Penwal Pole Modification to Incorporate Heat Sink
DA-4382/CGMP18	0029	\$44,763		NFA - Changes Due to the Issuance of Bulletin 4
DA-4382/CGMP20	0017	\$2,931		Phase '0' - Temporary Duty Free Storage - Electrical P
DA-4382/CGMP20	0018	\$2,344		RENO - Phase "0" - Lighting in Level 3 Temporary Elevator Ve
DA-4382/CGMP20	0019	\$2,289		RENO - Phase 0 - CBP North Offices - East Block - Revised E
DA-4382/CGMP20	0020	\$5,174		RENO Phase '0' - Customs Border Patrol (CBP) North Offices

## CHANGE ORDERS - Continued as of 3/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>CUP Replacement Element</b>							
<b>Landside Element</b>							
<b>Residential/Soundproofing Element</b>							
<b>Terminal Element</b>							
<b>T006A - FIRE LIFE SAFETY SYSTEM UPGRADES T1 &amp; T2</b>							
	DA-4646		0003	\$14,983			T3 two hour barrier door., Time Extended by 60 calendar days - non-compensable for item 1.

## Bradley West- Gates

CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE)	APPROVED CHANGES (CUMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$30,385,326	\$0	\$30,385,326	4.89%
DOCUMENT CORRECTION	\$36,037,245	\$2,564,323	\$38,601,568	6.21%
FIELD CONDITIONS	\$14,159,332	\$566,879	\$14,726,211	2.37%
OWNER BETTERMENT	\$24,906,927	-\$7,248,875	\$17,658,052	2.84%
CODE REQUIREMENT	\$3,330,363	\$148,059	\$3,478,422	0.56%
<b>TOTAL</b>	<b>\$108,819,193</b>	<b>-\$3,969,614</b>	<b>\$104,849,579</b>	<b>16.87%</b>

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

Note:

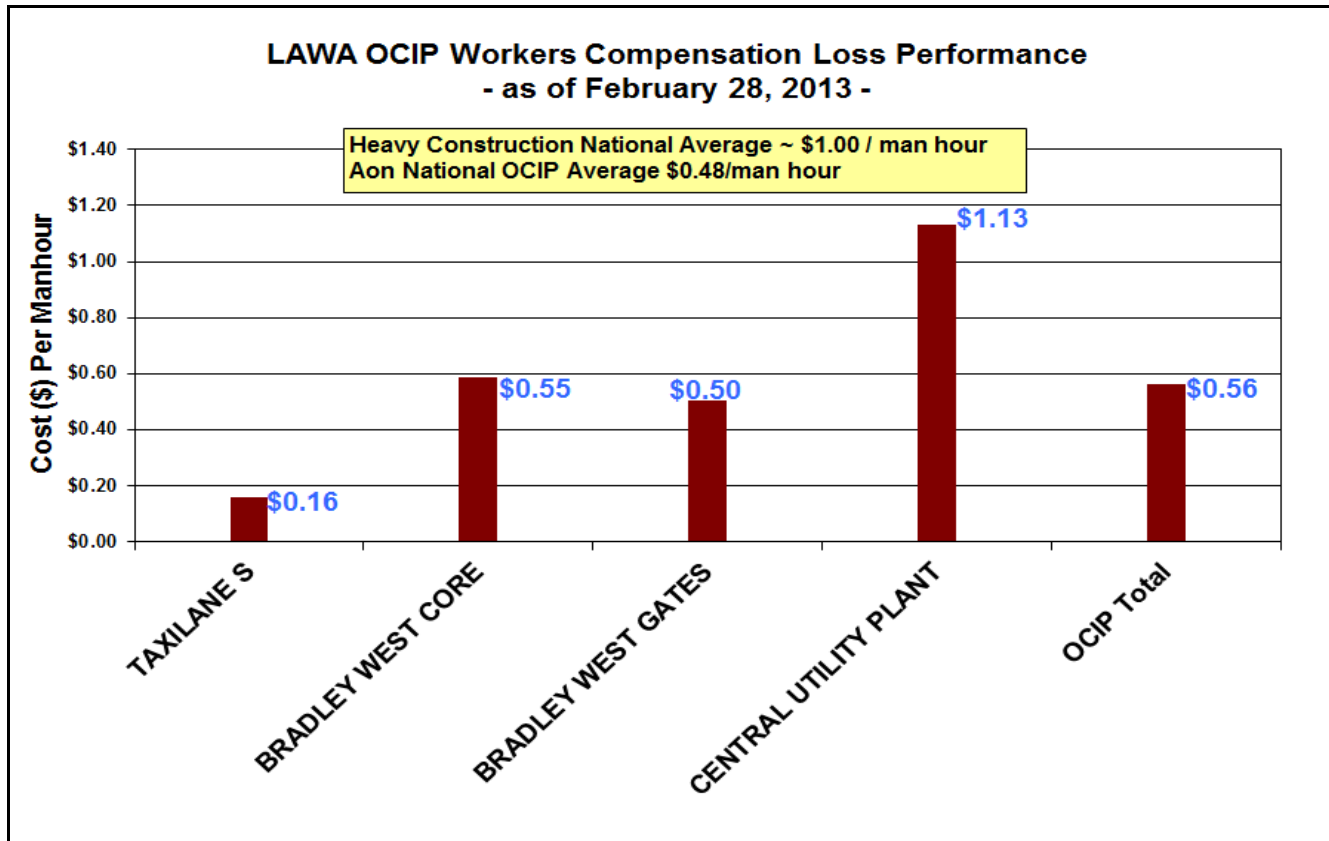
- 1) The negative Owner Betterment value is driven by a scope change. The Walsh/Austin Joint Venture purchased Passenger Boarding Bridges for installation on the east gates of the new Bradley Terminal. Installation of these bridges will now be performed by the contractor selected to perform the Core Renovation project. The costs associated with the bridges are being transferred to the Core Renovation budget. This change will be presented to the Board in May 2013.

### Bradley West- CORE

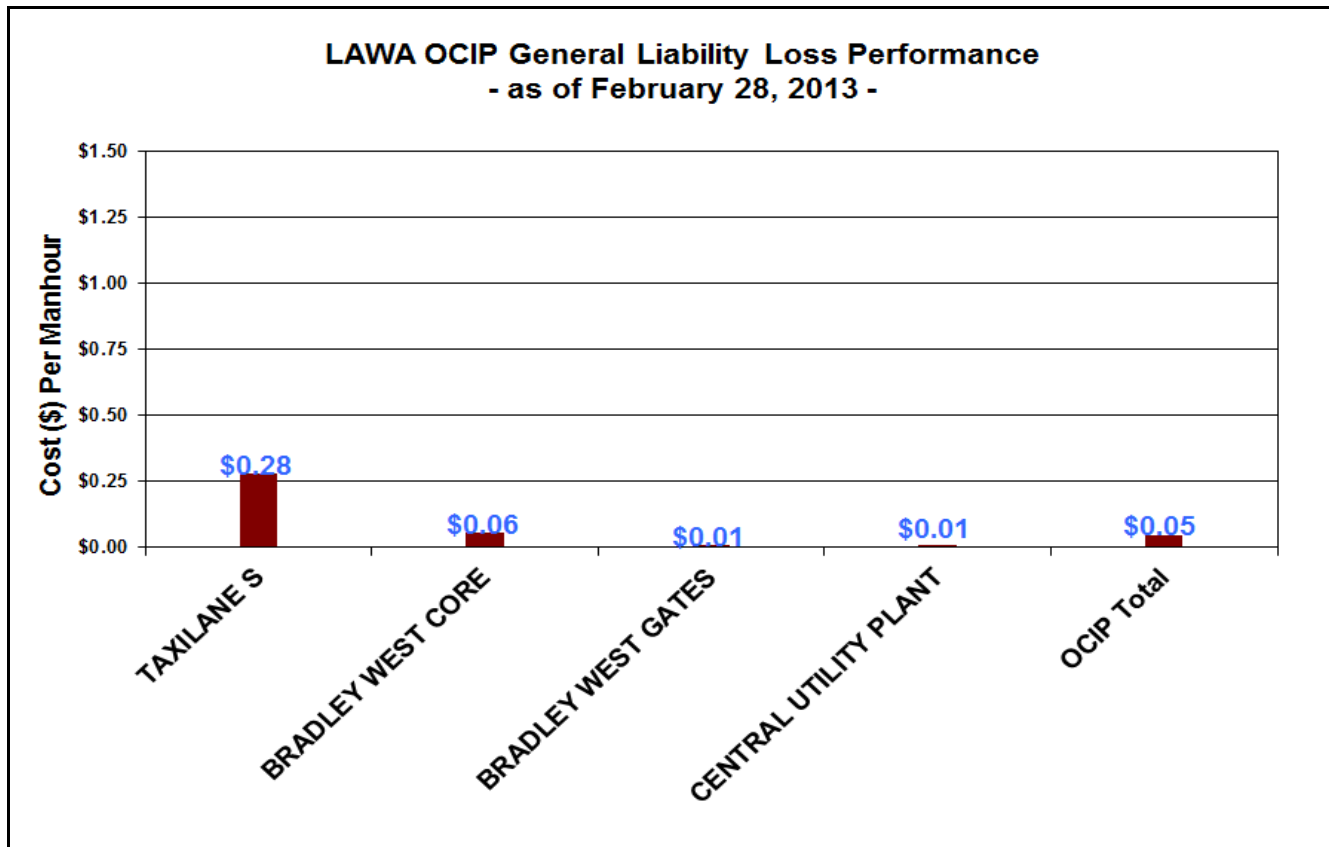
CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE)	APPROVED CHANGES (CUMULATIVE )	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$30,046,807	\$0	\$30,046,807	4.83%
DOCUMENT CORRECTION	\$25,709,559	\$973,568	\$26,683,127	4.29%
FIELD CONDITIONS	\$9,259,841	\$1,457,978	\$10,717,819	1.72%
OWNER BETTERMENT	\$66,512,402	\$4,444,934	\$70,957,336	11.40%
CODE REQUIREMENT	\$5,793,341	\$236,513	\$6,029,854	0.97%
<b>TOTAL</b>	<b>\$137,321,950</b>	<b>\$7,112,993</b>	<b>\$144,434,943</b>	<b>23.20%</b>

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

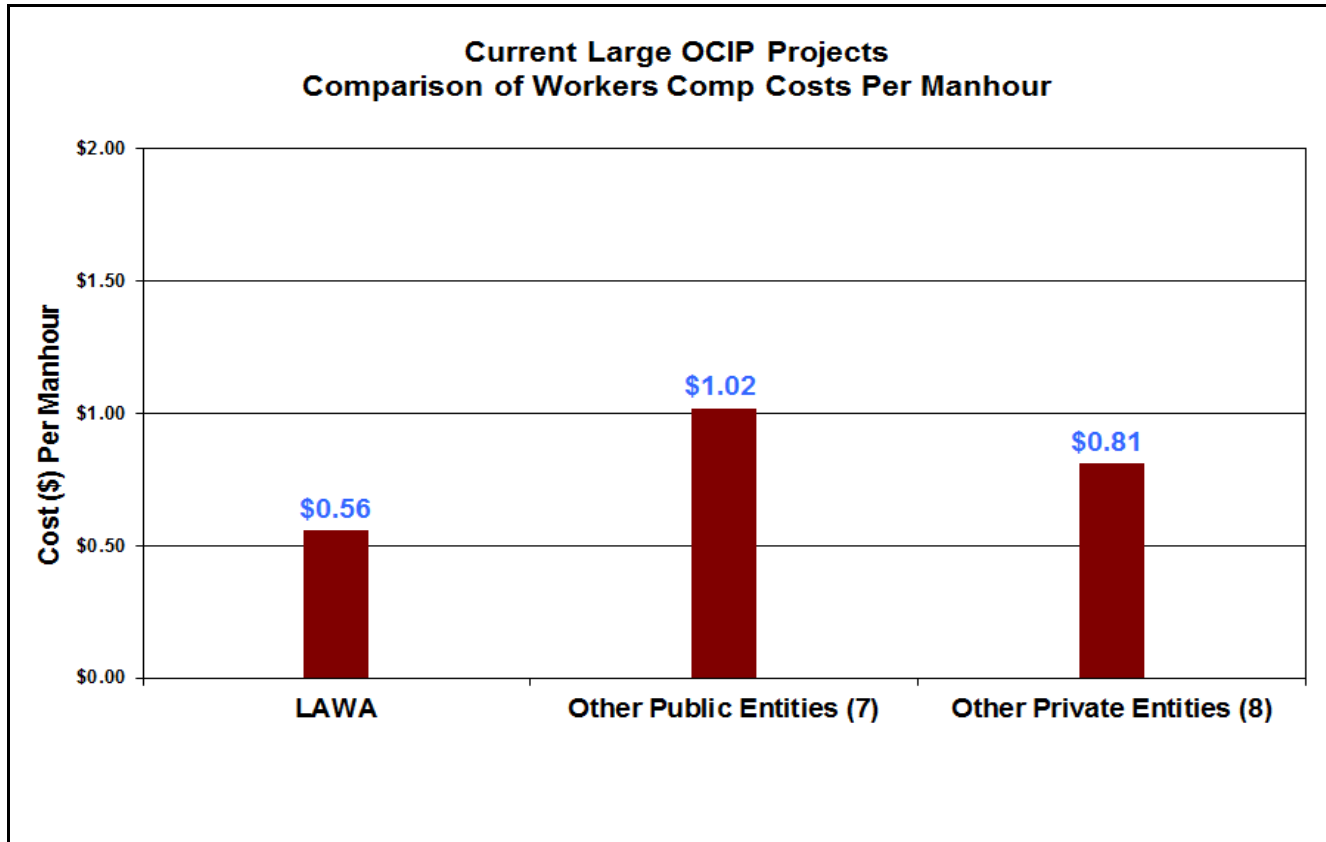




**OCIP - Continued**  
as of 3/31/2013



**OCIP - Continued**  
as of 3/31/2013



## MWBE/DBE Subcontractor Utilization Summary Report as of 3/31/2013

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	%	20.74	%	
Arcadis	DA-4413	M/WBE	20.00	%	5.06	%	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	%	30.39	%	N/A	%	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10	%	14.99	%	N/A	%	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00	%	9.53	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	13.41	%	6.17	%	
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	%	19.65	%	
HNTB Corporation	DA-4709	DBE	10.80	%	N/A	%	12.51	%	
HNTB Corporation	DA-4748	M/WBE	20.00	%	16.60	%	N/A	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	27.91	%	N/A	%	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00	%	23.70	%	N/A	%	
Kimley-Horn and Associates	DA-4555	DBE	20.00	%	N/A	%	8.49	%	Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00	%	54.03	%	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	%	20.42	%	N/A	%	
W.E. O'Neil Construction Co. of California	DA-4712	M/WBE	9.60	%	1.22	%	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	%	20.63	%	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	%	17.27	%	N/A	%	
<b>Total Participation:</b>					<b>17.87%</b>		<b>11.89%</b>		

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