





# **Airports Development**

**Executive Management** 

**Program Status Report** 

April 30, 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.



## **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).



## **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.

## ssues

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 enabling project for the Taxilane T Program is the Demolition of Low Bay Hangar and Sky Chef Building and Deluge System Modifications Project. This consists of the demolishing the Low Bay Hangar and Sky Chef building floor slabs and foundation within the footprint of the hangar and building. Additionally, the Deluge System Modifications includes demolition of three (3) storage tanks, the entire fire pump structure and supply system, and construction of a new deluge system consisting of fire water storage tank, pump building, deluge system pumps, and associated utility services.

The Taxiway T - Phase 1 project is the southern segment of Taxiway T, which will ultimately construct a 3,166 foot long taxiway to connect Taxiway 'C' on the south and Taxiway 'D' on the north. The Taxiway T - Phase 1 work includes the southern 200 foot long portion of the taxiway construction consisting of approximately 75,000 square yards of Portland Cement Concrete (PCC), associated lighting, utilities and service road at Los Angeles Internation (LAX). This 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.

The final component is the Taxiway T - Phase 2. The work includes demolition of the existing American Airlines/Qantas maintenance hangar and completion of the remaining pavement. Northern taxiway portion and utility work to achieve continuous alignment of the new taxilane between Taxiways C to the south and D to the north.

### **Planning and Programming Status**

The Project Definition is complete.

## **Design Progress**

Design is complete for the Enabling Project and the Phase 1 portion; and is underway for the Phase 2 portion.

## **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 is underway.

Bids for the Phase 1 work were received on February 19, 2013; and the Board awarded the construction contract to Coffman Specialties on April 2, 2013.



# AIRSIDE ELEMENT - TAXILANE T (M306A) - Continued

## **Budget Status**

This project is tracking on budget.

## **Schedule Status**

Project is tracking on schedule.

## ssues



# **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.

This project is in the close-out phase.

#### **Budget Status**

Project is tracking on budget; and the close-out is expected by August 2013.

## **Schedule Status**

The project is tracking on schedule.

#### **Issues**



# 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, incorporated review comments, and is scheduled to submit the 90% design documents in May 2013.

Executive Management has identified changes to the project scope, in response to public comments from the Environmental Review. ADG is evaluating the impacts to the schedule and budget of the revised scope.

## **Construction Progress**

No construction contract awarded.

## **Budget Status**

This project is tracking on budget.

## **Schedule Status**

This project is tracking on schedule.

## <u>Issues</u>



# **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 to be complete by July 2013.

## <u>Issues</u>



# 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, incorporated review comments, and is scheduled to submit the 90% design documents in May 2013.

Executive Management has identified changes to the project scope, in response to public comments from the Environmental Review. ADG is evaluating the impacts to the schedule and budget of the revised scope.

## **Construction Progress**

No construction contract has been awarded.

## **Budget Status**

This project is tracking on budget.

## **Schedule Status**

Project is tracking on schedule.

## ssues



# 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 expected to complete in June 2013.

## <u>Issues</u>



## 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 fence and fabric replacement at Delta Airlines.

Construction is 95% complete and is scheduled to complete in May 2013.

## **Budget Status**

This project is tracking under budget.

## **Schedule Status**

This project is tracking on schedule.

## <u>Issues</u>



# **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 has completed the duct bank for the Medium-intensity Approach Lighting System with Runway Alignment Indicator Lights (MALSR), installation of the blast fence, and pavement for the Run-up Area; and this area is open for use. Work on the Northern Runway is underway.

## **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.

## **Schedule Status**

The project is tracking on schedule.

## ssues



# 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**

The design service NTP was issued on March 14, 2013; and design is underway.

## **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.

## <u>Issues</u>



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

## **Project Description**

The project consists of the construction of new double-loaded North and South Concourses at Tom Bradley International Terminal (TBIT). The configuration of the concourses will allow for nine (9) A380 gates, five (5) Airplane Design Group (ADG) V gates and three (3) narrow-body gates. In addition, the project consists of constructing approximately 540,000-sq. ft. of space for passenger services (concessions, toilets etc.), building management systems, horizontal and vertical transportation systems, mechanical / electrical / plumbing, lighting, telecommunication, fire / life safety systems, Electronic Visual Information Display System (EVIDS), baggage conveyance, access control, intrusion alarm, retail/food service concessions, storage areas and back of the house secured circulation space and airline lounges.

## Planning and Programming Status

Project Definition is complete.

## **Design Progress**

Complete.

## **Construction Progress**

North Concourse

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

South Concourse

Fire Alarm Device LADBS/Fire Dept. Acceptance Testing is underway.

ACAMS acceptance testing is moving forward.

Final terrazzo polishing is on-going.

Finish work and clean-up continues throughout the South Concourse.

Coordination between Concourse finish work and Tenant Space contractors continues.

#### **Budget Status**

Component Guaranteed Maximum Price 01 through 15 have been approved by the Board. The buyout is complete; and the variance is being closely monitored (see Issues below).

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 cost associated with the bridges was transferred to the Core Renovation budget; and the change will be presented to the Board in June 2013.



# **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: June-2013

#### <u>Issues</u>

The Substantial Completion date for the Gates component of the Bradley West project has moved into June 2013. Due to the fast track nature of the project, pre-testing and testing activities are being performed while building construction is completing. While certain elements of the building and systems are in final acceptance, other sections of building remain in construction and have not been transitioned into the testing phase which has impacted the project completion date. LAWA, ADG, the contractor and other 3rd party entities continue to actively coordinate to manage this effort.

The budget variance is being closely monitored. At this stage of the project, LAWA expects to start receiving Change Order requests of inefficiency and extended General Conditions; and the budget may indicate negative variances as those change requests are merited and negotiated.



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

## **Project Description**

This project will develop new 693,000 sq. ft. of improved departure level (post security) passenger amenities at Tom Bradley International Terminal (TBIT), including new restrooms, iconic concessions, airline lounges and administrative offices and a state of the art Integrated Environmental Media System (IEMS) which employs cutting edge technology to create an iconic passenger experience. The Federal Inspection Service (FIS) and other facilities will also be improved.

## **Planning and Programming Status**

Project Definition is complete.

## **Design Progress**

Design is complete.

## **Construction Progress**

Coordination between Main Building and Tenant Space contractors continues.

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

Roof/Exterior Work: Installation of the Standing Seam Roof is complete.

Build-out and Testing of IT Rooms is on-going throughout the Core Building.

Ceiling work is on-going in the South Tug Pass; Utility Connections / Shoring / Backfill work continues in the North Tug Pass.

Fire Alarm Pre-Testing moves forward.

Installation of security doors, CCTVs & ACAMs is progressing.

Ceiling/Wall Finishes/Terrazzo (Grind & Polish) work continues through the Core Building.

#### **Budget Status**

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

The buyout is complete; and the variance is being closely monitored (see Issues below).

## **Schedule Status**

Milestone #3 – New Core Construction Complete

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



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

#### <u>Issues</u>

The Substantial Completion date for the Core component of the Bradley West project has moved into June 2013. Due to the fast track nature of the project, pre-testing and testing activities are being performed while building construction is completing. While certain elements of the building and systems are in final acceptance, other sections of building remain in construction and have not been transitioned into the testing phase which has impacted the project completion date. LAWA, ADG, the contractor and other 3rd party entities continue to actively coordinate to manage this effort.

The budget variance is being closely monitored. At this stage of the project, LAWA expects to start receiving Change Order requests of inefficiency and extended General Conditions; and the budget may indicate negative variances as those change requests are merited and negotiated.



## **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. Additionally, it is not feasible to install the lighting on the beams, as the Artists proposed, because it would be difficult to maneuver around the artwork to change the light bulbs and perform maintenance. ADG prefers that the Artists continue focusing on the fabrication and installation of the artwork, and revisit a lighting scheme after the artwork is installed. ADG requested the Artists hold budget and contingency for a future lighting design, permit and installation.

Pae White: The Artist confirmed she will have the artwork in both the North and South Corridors, but will reconfigure the patterns and pattern layout to keep labor costs within her fixed budget. Since labor is her highest cost due to the hand-threading of the brackets, the Artist will modify the cord patterns. A bird's eye view of the pattern density will show a progressive pattern, with the densest portions in the middle of the corridor. The Artist can deliver the artwork within the budget in both corridors by an overall reduction of 40% cords between the two corridors. Each bay will still meet the allowable overall sag. We anticipate a design solution, budget and schedule in early May.

Mark Bradford: The Artist is still working with LADBS and ADG regarding the fire rating issues and is seeking a modification in terms of the fire retardant material. 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; over 50% of the bead chain has been painted. The Artists' building permit is in process and will be pulled by their rigging company subcontractor. CBP and CALM require an 8-foot drywall barricade in place during the Artists' installation. The Artists and LAWA researched options for barricade construction; LAWA identified a feasible and affordable option via Maintenance Services Division. The Artists will use rented lift to install the artwork. A studio visit is planned for May 3.

Pae White Studio: Once the Artist finalizes her design layout, budget, and schedule, 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: ADG proposed an artwork installation schedule for the month of July 2013. The Artists are to confirm they can meet this installation schedule.

Pae White: ADG recommends the Artist install in the South Concourse first, and then install 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.

## <u>Issues</u>



# 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 concluded in April 2013.

## **Construction Progress**

The advertisement soliciting construction bids is forecast to be released in May 2013.

## **Budget Status**

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

## **Schedule Status**

The project is tracking on schedule.

## <u>Issues</u>



# 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 Taxilanes C10/D10. It includes all grading, drainage, utilities, airfield signage and lighting; construction of LADWP power and communication ductbanks; and the LAWA power and communication ductbanks.

## Planning and Programming Status

Project definition is complete.

## **Design Progress**

The design is complete.

## **Construction Progress**

The Request for Proposals (RFP) is published. The Notice of Award is anticipated to be issued by the beginning of the third 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.

## <u>Issues</u>



# **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. The South entrance canopy dance floor will be removed on May 9th and the Center entrance canopy dance floor will be removed on May 16th. On the departures level installation of structural steel to receive the sidewalk canopy metal ceiling and roofing system is complete. Canopy utilities and ceiling grid installation is ongoing. Electrical and structural steel work for the installation of light poles and light band is nearing completion. Installation of the light poles and the light band light boxes has begun. Escalators CE-3 & CE-4 continue to be open to the public. Escalators CE-1 & CE-2 were installed and work is continuing on the canopy for CE-1 and CE-2. Arrivals level hardscape and landscaping installation is ongoing.

## **Budget Status**

The project is trending on budget.

#### **Schedule Status**

The project is anticipated to be substantially complete in late May 2013.

#### <u>Issues</u>



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

## **Project Description**

The project provides a replacement Central Utility Plant (CUP) to supply heating hot-water and chilled water to the Central Terminal Area (CTA); the required chillers, pumps, generators, boilers and piping to produce and distribute the hot and cold water; and gas turbine driven generators with heat recovery steam generators (co-generation). The project also includes:

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

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

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

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

## Planning and Programming Status

Project Definition is complete.

## **Design Progress**

CUP Building and Equipment: The majority of the seismic restraints and exterior cladding has been approved, with a few minor items requiring resubmittal. Approval of maintenance building fireproofing is still expected to be completed by the first week of May 2013.

Maintenance Building: Several minor design issues are being carried as punch-list items after the successful completion West Cooling Tower cutover. These will be carried on the construction punch list in future rather than as design items.



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

#### **Construction Progress**

The new West Cooling Tower is now officially operational and the demolition of the existing concrete cooling towers has begun. A final week long test period of the new cooling towers began on April 8, 2013 at the conclusion of which senior project leadership and senior LAWA staff reviewed the performance of the new towers and all agreed the new towers and their operational controls performed in accordance with approved standards thus declaring the new towers fully operational and authorizing the commencement of demolition activities to the existing towers on April 18, 2013. As of the end of April, the new West Cooling Towers have been operational and serving the existing CUP for a little over three weeks.

The installation of the New CUP's exterior corrugated metal panels began in the latter half of April 2013. Installation began on the upper level of the CUP's west elevation and has progressed to the loading dock area, also on the west side of the new CUP. The installation of the panel sub-girt system is essentially complete thus allowing the exterior panel installation to continue on all elevations of the CUP.

#### **Budget Status**

This project is tracking to budget.

## **Schedule Status**

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

#### <u>Issues</u>

As reviewed in last month's narrative report a couple of recent incidents associated with the Terminal Pump Room Improvements Project prompted the ADG Project Management Group to examine the Project's Procedures as related shut downs and cutover activities. As a result of our coordination efforts with stakeholders, the CUP Maintenance Staff and the Facilities Maintenance Division the ADG Team and the contractor have developed and implemented detailed and specific work scripts for all Terminal Pump Room Improvement work activities. The scripting of these activities have forced the project team to more thoroughly coordinate and examine each work activity and thus far proved effective in eliminating errors and incidents from the execution of the pump room work activities. The scripting of these activities will continue through the completion of the Pump Room Improvement activities.



# 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; the extension of 4x4 communications ductbank from Theme Building: and extending under and across Sepulveda at 98th street to connect to DWP's existing ductbank among other work.

## Planning and Programming Status

Project Definition is complete.

#### **Design Progress**

The Board approved funding for design in April 2013; and the design kick-off meeting is planned for May 2013.

## **Construction Progress**

No construction contract awarded.

## **Budget Status**

The project is tracking on budget.

## **Schedule Status**

LAWA is coordinating with the Department of Water and Power (DWP) during the design process to establish a definitive schedule for completion.

## ssues



# 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 in 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 advertisement for construction bids is scheduled for May 2013.

## <u>Issues</u>

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; and 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.

Compliance with Special Conditions No.1 (Ecological Plan) of the Coastal Development Permit (CDP) is in progress.

Special Condition No.2 (Drainage Plans) was approved by the CCC on April 11, 2013.

## **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 construction bids is scheduled for May 2013.

## **Issues**



# **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, hazardous materials abatement and demolition work.

## **Budget Status**

The project is tracking on budget.

## **Schedule Status**

The project is trending on schedule.

## <u>Issues</u>



# **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**

Construction is complete.

## **Budget Status**

This project was completed under budget.

## **Schedule Status**

The project was completed on schedule. The project closeout is underway; and expected to conclude by July 2013.

## ssues



# 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 93% complete.

#### **Budget Status**

This project is trending to complete on budget.

## **Schedule Status**

Three projects will complete construction at the end of June 2013. Contract group RSP 14.12 starting construction in September 2013 will continue through first quarter 2014.

#### <u>Issues</u>



# **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**

Financial closeout is ongoing.

## **Schedule Status**

The project is trending on schedule.

## <u>Issues</u>



## **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 is 60% complete and scheduled for Los Angeles Department of Building and Safety plan check in June 2013.

## **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**

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. Second set of units were returned to service in February and March 2013.

#### **Issues**

Unforeseen electrical lines discovered in escalator T1-5A pit area may delay this unit completion by up to 65 calendar days. Overall schedule unaffected.



## **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. The base contract scope for Terminal 2 is complete; and the Fire Alarm Systems in Terminal 1 and Terminal 2 have been signed off and accepted by City of Los Angeles Fire Department.

The change order work in Terminal 2 is 40% complete; and progressing on schedule.

## **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

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

## **Issues**



# **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; and a limited Notice to Proceed (NTP) for design services was issued on April 29, 2013. The Contractor is proceeding to develop the design documents.

#### **Construction Progress**

No construction progress.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The Contractor is proceeding to develop the baseline implementation schedule.

#### ssues



## **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; and 90% design submittal was received in April 2013 and is being reviewed.

The on-call Architectural/Engineering designers are conducting preliminary data collection for Terminals 1, 3, 4, 5, 6, 7 and Terminal 8. Subsequent design cost proposal to complete the design contract is in process and Task Order to proceed will follow.

#### **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.

#### <u>Issues</u>



# **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. Closeout phase is in-progress.

#### **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 complete by June 2013.

#### **Schedule Status**

Construction was completed on February 28, 2013; and project close-out activities are anticipate to complete in June 2013.

#### <u>Issues</u>

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 2013. The design for Terminal 6 / Parking Structure 6 was completed in March 2013. The design for the remaining Central Terminal Area (CTA), except that which covers Tom Bradley International Terminal, is anticipated to be complete in June 2013.

#### **Construction Progress**

Phase 1A - Construction is 99% complete; the remaining construction is change order work.

Phase 1B/C - Los Angeles World Airports (LAWA) has received the construction bids and is evaluating them. A recommendation to award is expected in May 2013.

#### **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.

#### <u>Issues</u>

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. The final stair location for stair 70 at Terminal 7 has been determined, design revision in progress. 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. The Concessions Group is considering additional scope for Terminal 5; and is seeking concurrence within the Planning and Finance Groups, which is expected by July 2013.

#### <u>Issues</u>

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; and the 30% design submittal was received in April 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 and the Airport Development Group have reviewed the current aircraft capacity at the gates against the expected aircraft capacity; and potential variances have been resolved within the Passenger Boarding Bridge Relocation project scope.

#### **Schedule Status**

The project is trending on schedule.

#### <u>Issues</u>

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 design submittal comments from Project Approval Team (PAT) and City of Los Angeles Department of Building and Safety are being incorporated into the drawings.

#### **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 Contractor is preparing a construction package; and LAWA is preparing to present it to the Board in June 2013.

#### **Budget Status**

The Planning Group and the Airport Development Group have identified essential work scope that needs to be incorporated into this project; and are currently seeking concurrence with the Finance Group, which is expected by July 2013.

#### **Schedule Status**

The project is tracking to schedule.

#### ssues

See Budget Status.



## **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; and the 60% design submittal was received in April 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.

#### ssues



# TERMINAL 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.

#### <u>Issues</u>



## **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 current budget was reduced to reflect only the planning and design costs for this work. It is expected the construction will be done by the Tenant.

#### **Schedule Status**

The project is trending on schedule.

#### <u>Issues</u>



# **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

#### <u>Issues</u>



## **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.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The project is trending on schedule.

#### <u>Issues</u>



# 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.



## **TENANT IMPROVEMENTS ELEMENT - Terminal 5 (TI05)**

#### **Project Description**

As a commitment to improving the level of service and security for domestic travelers Terminal 5 is currently undergoing a first-class upgrade with a brighter and more modern look. From new color schemes to contemporary materials, this project is already greatly improving passenger service and security with a completed new in-line baggage screening system, expansion and streamlining of the passenger screening check points and international passenger processing facilities. Delta Air Lines will complete renovation of the baggage claim areas by the end of 2013 and will also renovate the ticketing/check-in lobby, boarding gates and other parts of the passenger security screening area. Thirteen passenger boarding bridges will also be replaced.



# **TENANT IMPROVEMENTS ELEMENT - Terminal 6 (TI06)**

#### **Project Description**

The \$238-million renovation/modernization of Terminal 6 increased lobby space, replaced traditional ticketing counters with customer-friendly islands of check-in kiosks, bag-check stations, and a behind-the scenes, in-line baggage-handling system. Additional security screening checkpoints were also added to facilitate quicker screening. Other elements include better access to the U.S. Customs and Border Protection inspection facility for arriving international passengers, aircraft maintenance facilities and offices.



### **WORK IN PROGRESS OVERVIEW**

### **User's Guide - Work in Progress**

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



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

#### **Project Description**

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

#### Issues / Status

The project definition phase is nearing completion.



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

#### **Project Description**

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

#### Issues / 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 two (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.



# 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 nearing completion.



# **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 nearing completion.



## 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 theAirport. 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.



# 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 nearing completion.



# **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 nearing completion.



#### PROGRAM MASTER SCHEDULE OVERVIEW

#### **User's Guide - Schedule**

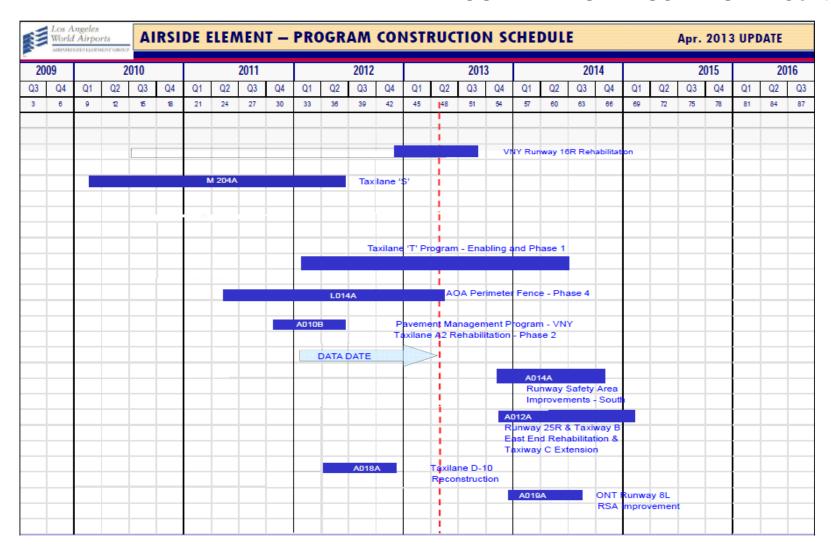
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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

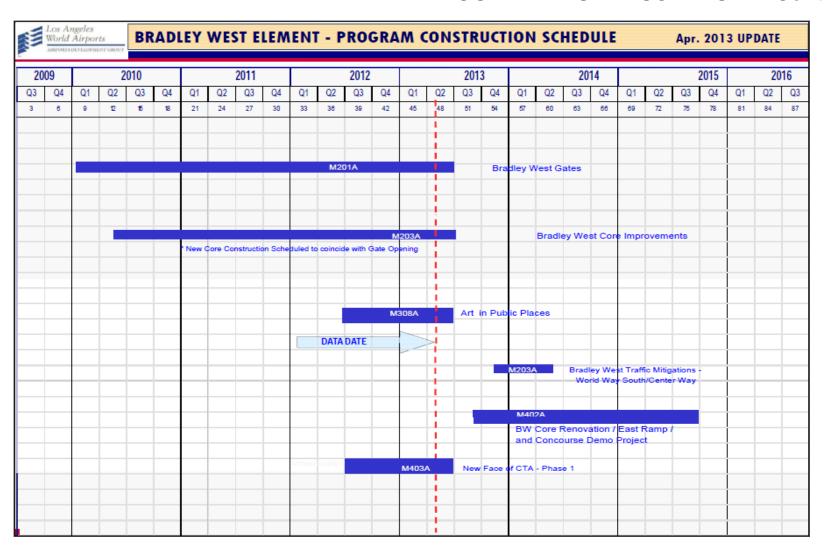
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

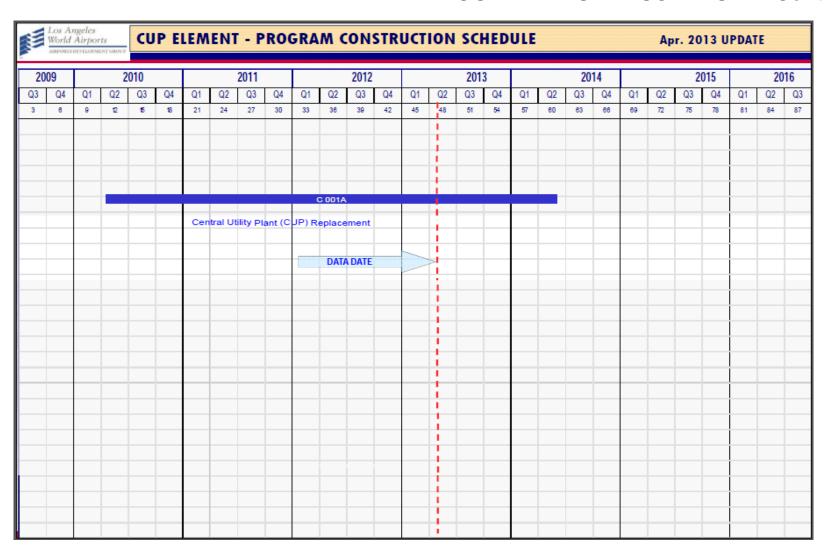




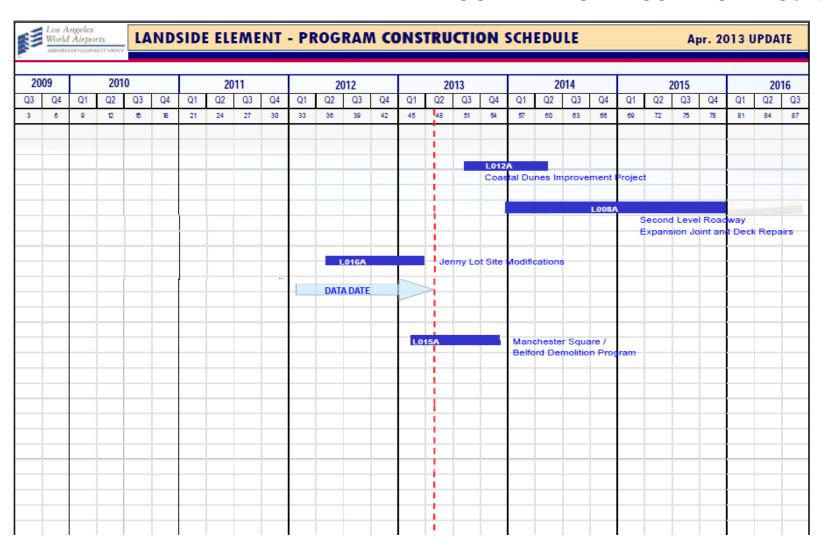




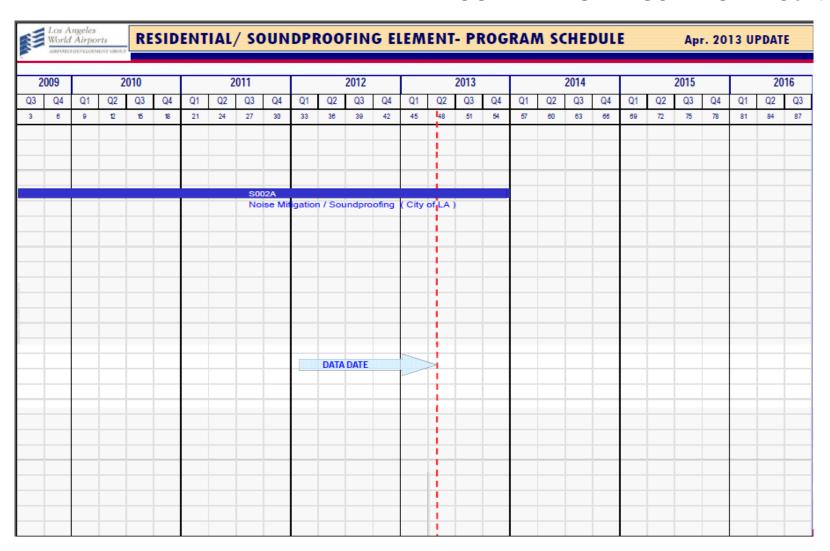




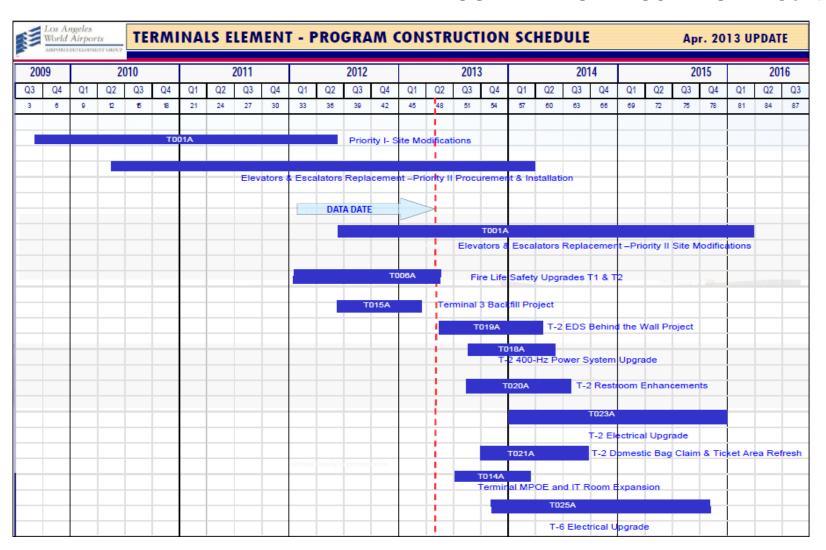














#### **BUDGET OVERVIEW**

#### **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 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 4/30/2013

(dollars in thousands)											
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used			
Capital Budget 1											
Airside Element	506,810	503,110	409,095	361,482	486,670	16,440	74%	71%			
Bradley West Element	2,040,915	1,920,365	1,577,013	1,384,578	1,924,403	(4,038)	72%	39%			
CUP Replacement Element	423,835	423,835	362,670	266,257	407,134	16,701	65%	31%			
Utilities & Infrastructure Element	8,175	13,994	13,723	13,723	13,723	271	100%	100%			
Residential/Soundproofing Element	180,000	160,000	156,419	148,267	160,000	0	93%	0%			
Terminal Element	270,000	240,035	192,985	86,182	203,184	36,850	42%	9%			
Subtotal: Capital Budget 1	3,429,735	3,261,338	2,711,904	2,260,488	3,195,114	66,222					
Capital Budget 2											
Airside Element	167,864	164,959	46,549	27,237	152,802	12,158	18%	5%			
Utilities & Infrastructure Element	12,544	12,544	533	71	11,314	1,230	1%	0%			
Landside Element	31,114	30,438	10,540	3,809	42,148	(11,709)	9%	81%			
Residential/Soundproofing Element	1,317	1,317	1,030	908	1,214	103	75%	0%			
Terminal Element	247,723	241,918	100,201	12,958	212,705	29,213	6%	7%			
Subtotal: Capital Budget 2	460,563	451,177	158,853	44,984	420,182	30,994					
Subtotal	3,890,298	3,712,516	2,870,757	2,305,469	3,615,302	97,216	N/A	N/A			
Unallocated Contingency	N/A	180,145	N/A	N/A	N/A	N/A	N/A	N/A			
Work in Progress	N/A	0	18,784	13,634	N/A	N/A	N/A	N/A			
	N/A	0	18,784	13,634	N/A	N/A	N/A	N/A			
Program Total	N/A	3,892,661	2,889,540	2,319,103	N/A	N/A	N/A	N/A			



# AIRSIDE ELEMENT BUDGET REPORT as of 4/30/2013

	(dollars in thousands)										
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used		
	AIRSIDE										
	Capital Budget 1										
M204A	Taxilane 'S'	174,980	162,041	157,560	149,150	161,954	87	92%	54%		
M306A	Taxilane 'T'	96,500	156,284	69,983	31,519	143,162	13,123	22%	20%		
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	136,276	136,276	136,276	969	100%	100%		
Close-out	M107A-LAX Aircraft Rescue and Fire Fighting Facility	14,190	14,216	14,148	14,148	14,148	68	100%	100%		
Close-out	M309A-American Airlines Settlement	27,250	22,241	21,428	21,428	21,428	813	100%	100%		
	Capital Budget 1 Total	506,810	503,110	409,095	361,482	486,670	16,440	74%	71%		
	Capital Budget 2										
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	7,131	5,587	41,159	2,078	14%	0%		
A018A	Taxilane D-10 Reconstruction	9,062	9,062	7,546	7,244	7,666	1,396	94%	0%		
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	69	69	67,802	5,404	0%	0%		
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,602	2,518	2,596	338	97%	18%		
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	6,003	3,907	5,993	513	65%	3%		
A016A	VNY Runway 16R Rehabilitation	20,483	20,483	17,769	2,832	18,374	2,109	15%	0%		
A019A	ONT Runway 8L RSA Improvement	4,467	4,467	365	14	4,147	320	0%	0%		



# AIRSIDE ELEMENT BUDGET REPORT as of 4/30/2013

	(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used	
	Capital Budget 2									
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%	
	Capital Budget 2 Total	167,864	164,959	46,549	27,237	152,802	12,158	18%	5%	
	Airside Total	674,674	668,070	455,643	388,719	639,472	28,598			

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



# BRADLEY WEST ELEMENT BUDGET REPORT as of 4/30/2013

	(dollars in thousands)										
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used		
	BRADLEY WEST							•			
	Capital Budget 1										
M201A	Bradley West Gates	906,474	842,731	799,671	731,901	854,063	(11,332)	86%	40%		
M203A	Bradley West Core Improvements	808,364	736,089	702,172	600,604	764,935	(28,846)	79%	40%		
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	735	148	26	735	0	4%	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	25,707	22,286	249,636	27,402	9%	0%		
M403A	New Face of CTA - Phase 1	43,270	56,261	41,895	24,665	47,616	8,645	52%	0%		
Close-out	M203B-Construction Traffic Mitigations	3,542	2,151	2,059	2,059	2,059	92	100%	100%		
	Capital Budget 1 Total	2,040,915	1,920,365	1,577,013	1,384,578	1,924,403	(4,038)	72%	39%		
	Bradley West Total	2,040,915	1,920,365	1,577,013	1,384,578	1,924,403	(4,038)				

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

2. The budget variance is being closely monitored. At this stage of the project, LAWA expects to start receiving Change Order requests of inefficiency and extended General Conditions; and the budget may indicate negative variances as those change requests are merited and negotiated.



# CUP REPLACEMENT ELEMENT BUDGET REPORT as of 4/30/2013

	(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used	
	CUP REPLACEMENT									
	Capital Budget 1									
C001A	Central Utility Plant	423,835	423,835	362,670	266,257	407,134	16,701	65%	31%	
	Capital Budget 1 Total	423,835	423,835	362,670	266,257	407,134	16,701	65%	31%	
	CUP Replacement Total	423,835	423,835	362,670	266,257	407,134	16,701			

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



# UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 4/30/2013

				(dollars in thous	sands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	UTILITIES & INFRASTRUCTURE								
	Capital Budget 1								
Close-out	Airport Response Coordination Center (ARCC)	8,175	13,994	13,723	13,723	13,723	271	100%	100%
	Capital Budget 1 Total	8,175	13,994	13,723	13,723	13,723	271	100%	100%
	Capital Budget 2								
U020A	Electrical, Communications and Water Utility Ext 5th Feeder Project	12,544	12,544	533	71	11,314	1,230	1%	0%
	Capital Budget 2 Total	12,544	12,544	533	71	11,314	1,230	1%	0%
	Utilities & Infrastructure Total	20,719	26,538	14,256	13,794	25,036	1,501		

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



# LANDSIDE ELEMENT BUDGET REPORT as of 4/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	LANDSIDE								
	Capital Budget 2								
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	18,900	2,316	1,997	31,155	(12,255)	6%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	565	398	2,949	51	13%	0%
L015A	Manchester Square / Belford Demolition Program	1,981	1,305	1,006	260	1,237	68	21%	0%
L016A	Jenny Lot Site Modifications	7,233	7,233	6,653	1,154	6,808	426	17%	100%
	Capital Budget 2 Total	31,114	30,438	10,540	3,809	42,148	(11,709)	9%	81%
	Landside Total	31,114	30,438	10,540	3,809	42,148	(11,709)		

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 4/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	RESIDENTIAL/SOUNDPROOFING								
	Capital Budget 1								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	156,419	148,267	160,000	0	93%	0%
	Capital Budget 1 Total	180,000	160,000	156,419	148,267	160,000	0	93%	0%
	Capital Budget 2								
S008A	VNY Soundproofing	1,317	1,317	1,030	908	1,214	103	75%	0%
	Capital Budget 2 Total	1,317	1,317	1,030	908	1,214	103	75%	0%
	Residential/Soundproofing Total	181,317	161,317	157,449	149,175	161,214	103		

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



## **TERMINAL ELEMENT BUDGET REPORT** as of 4/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	TERMINAL							•	
	Capital Budget 1								
T001A	Elevators and Escalators Replacement	270,000	240,035	192,985	86,182	203,184	36,850	42%	9%
	Capital Budget 1 Total	270,000	240,035	192,985	86,182	203,184	36,850	42%	9%
	Capital Budget 2								
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,226	2,747	3,316	939	83%	13%
T011A	Terminal 4 Connector	114,318	114,318	83,669	839	102,030	12,288	1%	0%
T014A	Terminal MPOE and IT Room Expansion	19,653	19,653	329	104	16,773	2,880	1%	0%
T015A	Terminal 3 Backfill Project	5,846	6,531	7,331	6,614	7,526	(995)	88%	98%
T016A	ADA Accessibility Improvements	2,000	2,000	646	421	1,793	207	23%	0%
T017A	Concessions Enabling Project	3,445	3,445	1,248	1,248	2,401	1,044	52%	0%
T018A	Terminal 2 400-Hz Power System Upgrade	1,676	1,676	258	127	1,556	120	8%	0%
T019A	Terminal 2 EDS Behind the Wall Project	14,246	14,246	648	308	12,003	2,244	3%	0%
T020A	Terminal 2 Restroom Enhancements	3,112	3,112	461	18	3,050	62	1%	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	714	151	1	714	0	0%	0%
T023A	Terminal 2 Electrical Upgrade	39,009	39,009	1,595	282	33,137	5,872	1%	0%
T025A	Terminal 6 Electrical Upgrades Project	19,574	19,574	249	249	16,741	2,833	1%	0%
	Capital Budget 2 Total	247,723	241,918	100,201	12,958	212,705	29,213	6%	7%
	Terminal Total	517,723	481,953	293,186	99,140	415,890	66,063		

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 4/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	WORK IN PROGRESS							•	
	Capital Budget 2								
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	9,417	7,803	N/A	N/A	N/A	N/A
M404A	Bradley West Outbound Baggage Handling System	N/A	0	5,335	2,512	N/A	N/A	N/A	N/A
T012A	New Face of the CTA - Phase 2	N/A	0	915	202	N/A	N/A	N/A	N/A
T026A	Midfield Satellite Concourse (North Gates)	N/A	0	3,117	3,117	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
T029A	Terminal 3 Restroom Enhancements	N/A	0	0	0	N/A	N/A	N/A	N/A
	Capital Budget 2 Total	0	0	18,784	13,634	N/A	N/A	N/A	N/A
	Work in Progress Total	N/A	0	18,784	13,634	N/A	N/A		

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



### 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.

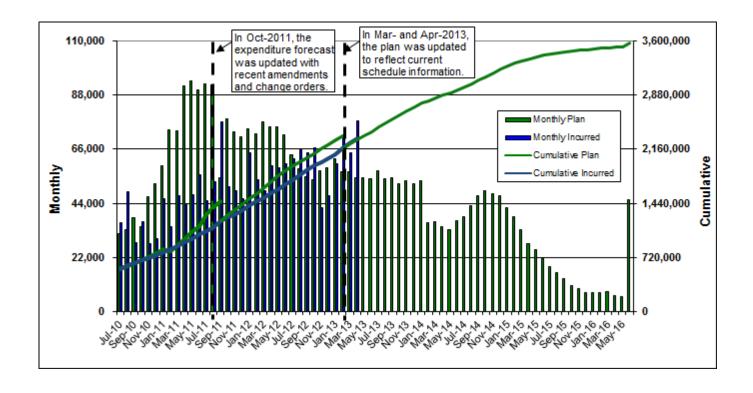
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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 4/30/2013

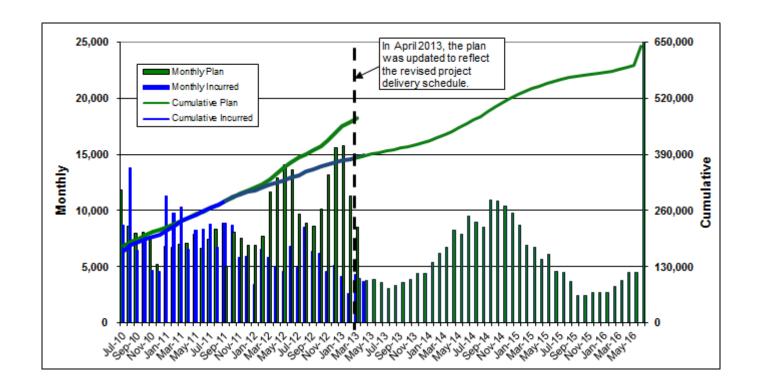


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# AIRSIDE ELEMENT CASH FLOW

as of 4/30/2013

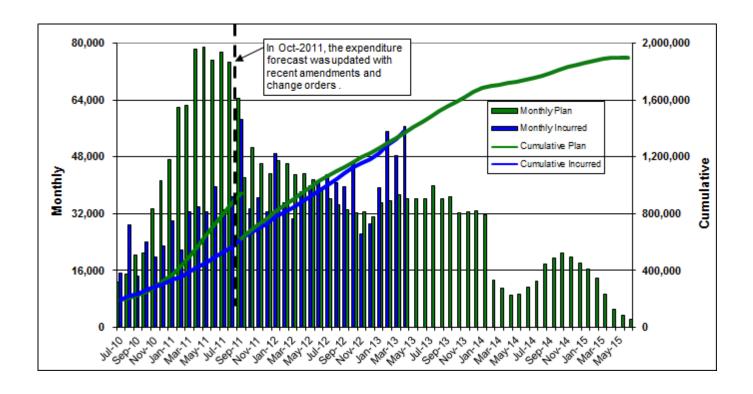


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## **BRADLEY WEST ELEMENT CASH FLOW**

as of 4/30/2013

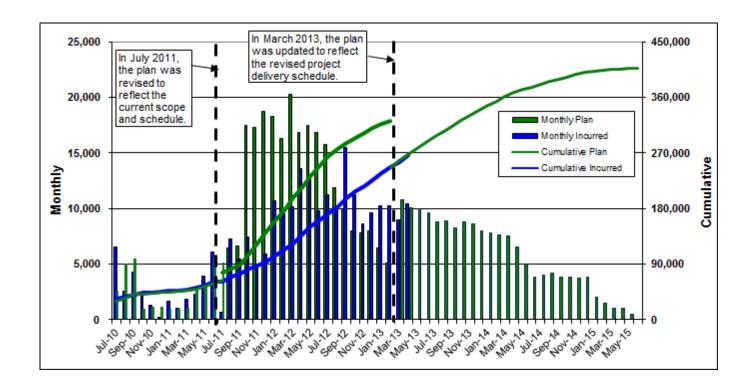


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# **CUP REPLACEMENT CASH FLOW**

as of 4/30/2013

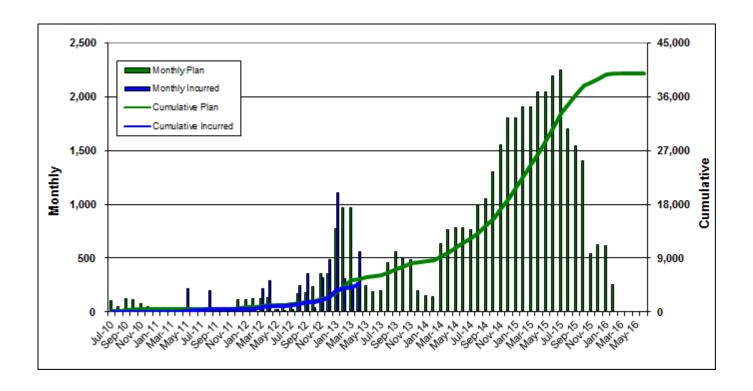


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# LANDSIDE ELEMENT CASH FLOW

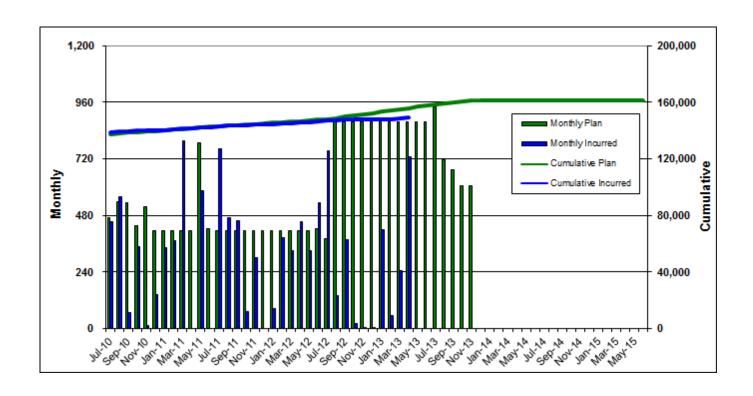
as of 4/30/2013



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



# RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW as of 4/30/2013

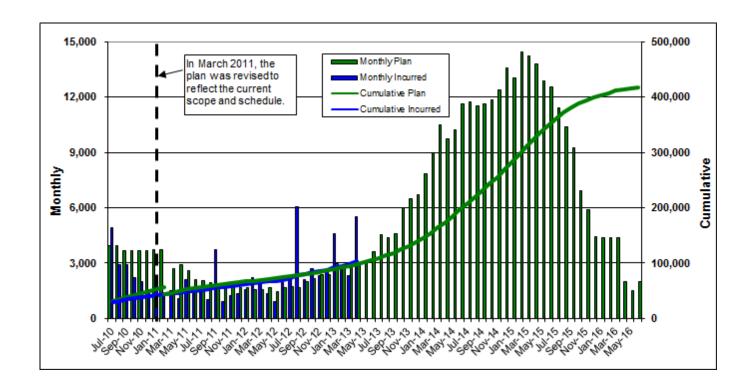


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## TERMINALS ELEMENT CASH FLOW

as of 4/30/2013



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



### **CHANGE ORDER OVERVIEW**

## **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 4/30/2013

Element

Project Change Contract Change Order No < \$150K \$150K - \$1Mil > \$1Mil Notes

Airside Element



# CHANGE ORDERS - Continued as of 4/30/2013

#### Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
Bradley West Element					
DA-4337 - BRADLEY WES	ST GATES (DA-4	337)			
DA-4337/CGMP01	0057	\$26,240			Flaggers at Lateral Access Roads
DA-4337/CGMP01	0058	\$10,769			CCP Change to Storm Drain Interface Point to Accommodate
DA-4337/CGMP01	0059	\$29,668			Permanent Fire Water Line Construction Acceleration
DA-4337/CGMP01	0060	\$110,220			Temporary Fire Water Line Modifications and Removals Phase
DA-4337/CGMP01	0061	\$12,587			CCP - Gas Line Rework at East Side of North Tug Pas
DA-4337/CGMP01	0062	\$3,088			CCP2 - Dislodged Shaft at Flatiron Diversion Structure Manhole
DA-4337/CGMP01	0063	\$85,666			CCP2- Reconnect the Fire Water Line for Bradley West and IW
DA-4337/CGMP02	0376	\$(10,769)			Cancels CGMP Revision 02.373 (Replaced with CGMP Revis
DA-4337/CGMP02	0377	\$(93,505)			Gap Between Curtainwall Mullion and Backup Steel at Gridline
DA-4337/CGMP03	0124	\$5,760			Temporary Fire Water Line Modifications and Removals Phase
DA-4337/CGMP03	0125	\$6,318			Communications MH 1 and MH 6 Grounding Resistance
DA-4337/CGMP05	0163	\$106,383			Fall Restraint at Concession/Restroom Lids on Level 4
DA-4337/CGMP05	0164	\$1,697			South Concourse Family Restroom Wall Furring for Water Clos
DA-4337/CGMP05	0165	\$2,137			ACAMS/Camera And Elevator Controller Contact Voltage Inte
DA-4337/CGMP05	0166	\$6,526			Added Door Support Steel (Miscellane
DA-4337/CGMP05	0167	\$42,038			PCA Room Equipment Access Provisions
DA-4337/CGMP05	0168	\$14,907			VDGS Communications Conduit C
DA-4337/CGMP06	0086	\$22,449			Parapet Cap at Gates 155, 157, and 159
DA-4337/CGMP06	0087			\$2,409,878	Crown Corr Extended General Conditions, Labor Escalation, Ex
DA-4337/CGMP07	0184	\$969			Remove and Replace Fan Motor and Fan Wheel from PF-N4
DA-4337/CGMP07	0185	\$3,183			Backdraft Damper for the Refrigerant Purge Exhaust Systems
DA-4337/CGMP07	0186	\$8,332			South Concourse Family Restroom Wall Furring for Water Clos
DA-4337/CGMP07	0187		\$344,004		CMAR De-Scoping For Bradley West Program (North And Sou
DA-4337/CGMP07	0188	\$5,628			Final Resolution for East Pier Entrance Grill Size, Type and Lo
DA-4337/CGMP08	0307	\$9,358			ACAMS/Camera And Elevator Controller Contact Voltage Inter
DA-4337/CGMP08	0308	\$20,778			UPS Configuration and Connection
DA-4337/CGMP08	0309	\$9,392			EVIDS Display Shroud Modifications (Electrical)
DA-4337/CGMP08	0310	\$23,322			Change to Wall Mounted Cabinets in TR Rooms 3S2-16 and 3
DA-4337/CGMP08	0311	\$9,329			Relocate Gate 156 EFSO
DA-4337/CGMP08	0312	\$2,742			BWG Install Spare Cisco 3750X in TR4C
DA-4337/CGMP08	0313		\$184,723		VDGS Communications Conduit Ch



Bradley West Element					
DA-4337 - BRADLEY WES	ST GATES (DA-4	337)			
DA-4337/CGMP09	0111	\$3,624			Fall Restraint at Concession/Restroom Lids on Level 4
DA-4337/CGMP09	0112	\$4,706			Parapet Cap at Gates 155, 157, and 159
DA-4337/CGMP09	0113	\$1,177			Added Door Support Steel Conflicts (Applied Fir
DA-4337/CGMP10	0212	\$22,261			Closure of Gap at Low AA Soffit to Back of Binnacle
DA-4337/CGMP10	0213	\$7,199			South Concourse Family Restroom Wall Furring for Water Cl
DA-4337/CGMP10	0214	\$29,682			MECH - Refrigerant Lines in Stairwell at Level 3.5 P
DA-4337/CGMP10	0215	\$4,010			Added Door Support Steel Conflicts (Interior Fr
DA-4337/CGMP10	0216	\$6,443			Pier Entrance Beam Wrap at Gates 130, 150, and 152
DA-4337/CGMP10	0217	\$16,432			Rework for New Layout of Media Wall Outlets
DA-4337/CGMP10	0218	\$3,331			Final Resolution for East Pier Entrance Grill Size, Type and L
DA-4337/CGMP12	0097	\$65,194			Fall Restraint at Concession/Restroom Lids on Level 4
DA-4337/CGMP12	0098	\$14,901			Sterile Corridor Accessory Trough Perforation And
DA-4337/CGMP12	0099	\$43,348			Level 5 Sterile Corridor Glass Corner
DA-4337/CGMP12	0100	\$2,970			Final Resolution for East Pier Entrance Grill Size, Type and L
DA-4337/CGMP12	0101		\$150,141		EVIDS Display Shroud Modifications (Decorative Metal)
DA-4337/CGMP13	0095	\$36,946			Paint Gap at Clerestory in South Concourses
DA-4337/CGMP13	0096	\$843			Fall Restraint at Concession/Restroom Lids on Level 4
DA-4337/CGMP13	0097	\$1,871			Closure of Gap at Low AA Soffit to Back of Binnacle
DA-4337/CGMP13	0098	\$1,626			MECH - Refrigerant Lines in Stairwell at Level 3.5 Pi
DA-4337/CGMP13	0099	\$838			Added Door Support Steel (Painting)
DA-4337/CGMP13	0100	\$7,572			Gates AED Cabinets on Level 3
DA-4337/CGMP14	0031	\$11,667			South Concourse Family Restroom Wall Furring for Water Clos
DA-4337/CGMP14	0032	\$7,675			Gate 134 VDGS Programming for Temporary Use of Class VI I
DA-4337/CGMP14	0033			\$(8,658,822)	CMAR De-Scoping For Bradley West Program (North And Sou
DA-4337/CGMP14	0034	\$28,599			PBB Stabilizer Mechanical Overide at South Gates 150, 152, 1
DA-4337/CGMP14	0035	\$4,606			PBB VDGS Communications Conduit Ch
DA-4382 - BRADLEY WES	ST CORE (DA-43	82)			
DA-4382/CGMP01	0093		\$723,323		Purchase of Maintenance Lifts - FS105 and FS95
DA-4382/CGMP01	0094	\$1,223			Chipping Down of Wall and Drilling Reinforcement to Wall for Ra
DA-4382/CGMP01	0095	\$1,752			Eliminate Diagonal Braces from Suspended Elevator Pit
DA-4382/CGMP04	0148	\$2,638			RENO -Remediation Of Unsafe Conditions In Rooms
DA-4382/CGMP04	0149	\$484			CON - Elevator C8EL05 Otis Machine Beam(Elevat
DA-4382/CGMP04	0151	\$28,330			Elevator ATS Conduit And Wiring (Elevators)
DA-4382/CGMP05	0076	\$3,302			4" High Ceiling Vent Line Routing Detail Through Exterior Soffit
DA-4382/CGMP05	0077	\$4,286			BWC X1 Low Soffit Structural Steel (Metal Roofing)
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### **Bradley West Element**

West Liement				
382 - BRADLEY WEST	CORE (DA-438	2)		
DA-4382/CGMP06	0352	\$541		Core Enclose Backup Steel in Women's Restroom 1C7-35 - (C
DA-4382/CGMP06	0353	\$755		Levels 1, 2, 3, 4, 5, and 6 Computer Room Air Conditioning (C
DA-4382/CGMP06	0354	\$10,880		Signage Support Steel Conflicts on Level 3
DA-4382/CGMP06	0355	\$3,464		Signage Support Steel Conflicts with MEP on Level 4
DA-4382/CGMP06	0356	\$19,664		Curtainwall Back Up Steel Shop Drawing Clarification
DA-4382/CGMP06	0357	\$1,371		5th Floor Women's Restroom Plumbing Sleeve in Conflict with
DA-4382/CGMP06	0358	\$66,534		Additional Customs Border Patrol (CBP) Regulatory Signage a
DA-4382/CGMP06	0359	\$7,161		Revised/Added Rebar Ties To Details On Drawings
DA-4382/CGMP08	0385	\$3,363		FC10d Fixture Conflict In Room 1C4-10 (Electrical)
DA-4382/CGMP08	0386	\$35,936		Add Elevator Phone Outlet in Room 2C6-40
DA-4382/CGMP08	0387	\$75,168		Commence Level 6 Overhead Mechanical, Electrical, Plumbin
DA-4382/CGMP08	0388	\$80,326		Core Remove Level 6 Tenant Ceiling
DA-4382/CGMP08	0389	\$2,200		Mechanical Work at Binnacles - Interface with Westfield Conce
DA-4382/CGMP08	0390	\$34,194		INT MER Room HVAC Unit Conflict With Ceilings
DA-4382/CGMP08	0391	\$5,613		BAS Temp T-Stat Mounts
DA-4382/CGMP08	0392	\$1,938		CBP Revisions to Restroom Mirrors and Access
DA-4382/CGMP08	0393	\$4,154		Communication Added Stand-Off Ring at IEMS Fiber Outlets
DA-4382/CGMP08	0394	\$7,076		Roof Structural Supports For Level 6 Comm Conduits
DA-4382/CGMP08	0395	\$21,339		Comm Conduit Routing to TBIT Level 6
DA-4382/CGMP08	0396	\$10,301		CBP Booth Aesthetic Mock-up add Electrical/IT Infrastructure
DA-4382/CGMP08	0397	\$65,283		Elevator ATS Conduit And Wiring - RFI 6825 (Electrical)
DA-4382/CGMP08	0399	\$(86,218)		Additional Customs Border Patrol (CBP) Regulatory Signage a
DA-4382/CGMP08	0400	\$11,663		EMS Fire Protection at Welcome Wall - Bon Voyage Wall
DA-4382/CGMP08	0401	\$20,706		Level 3 Area C2/C3 Cable Tray Routing Verification
DA-4382/CGMP08	0402		\$152,601	Rework Due to FCU BIM Recoordination at L4, L5, L6
DA-4382/CGMP08	0403	\$9,192		IEMS - Added Conduit For Fiber To MER Room
DA-4382/CGMP08	0404	\$(4,365)		FCU And CRAC Unit Area Smoke Detectors
DA-4382/CGMP08	0405	\$7,195		Binnacle SA Insulation (Sleeve and Liner) Through Slab Penet
DA-4382/CGMP08	0406	\$1,145		Camera 25C501 Mounting Location
DA-4382/CGMP08	0407	\$10,883		CBP ACAMS Door Revisions Area 3C1
DA-4382/CGMP09	0162	\$85,651		Exterior Ceiling At Level 3 Tug Pass Break Down Areas
DA-4382/CGMP09	0163	\$4,447		CON - Elevator C8EL05 Otis Machine Beam
DA-4382/CGMP09	0164	\$993		Tie Beam TB-1 Reinforcement/D2L Clarifications
DA-4382/CGMP09	0165	\$5,807		Delegated Design Requirement for Roof Ramps
DA-4382/CGMP09	0166	\$19,830		Restroom Counter Supports At Baby Changing Stations - Modi



### **Bradley West Element**

A-4382/CGMP09	0167	\$(17,585)			Eliminate Diagonal Braces from Suspended Elevator Pit
DA-4382/CGMP09	0168	\$2,045			CMU Column Wrap at Gridlines C18-AA Level 3
DA-4382/CGMP09	0169	\$2,283			4" High Ceiling Vent Line Routing Detail Through Exterior Soffi
DA-4382/CGMP09	0170	\$33,453			EMS Fire Protection at Welcome Wall - Bon Voyage Wall
DA-4382/CGMP09	0171	\$26,175			Added Ladder and Access Platform in UPS room 1C5-07
DA-4382/CGMP09	0172	\$33,775			Revised Termination Detail for CMU Walls Along C1 and S1 Li
DA-4382/CGMP09	0173	\$4,998			CMU Supports At C5EL01-02 Elevator Shaft (Miscellaneous M
DA-4382/CGMP10	0044	\$2,286			CON - Elevator C8EL05 Otis Machine Beam (Firepr
DA-4382/CGMP10	0045	\$32,862			Commence Level 6 Mechanical, Electrical, Plumbing, and Fire
DA-4382/CGMP10	0046	\$3,638			Core Remove Level 6 Tenant Ceiling (Applied Fireproofing)
DA-4382/CGMP10	0047	\$11,387			Additional Customs Border Patrol (CBP) Regulatory Signage a
DA-4382/CGMP10	0048	\$897			Added Ladder and Access Platform in UPS room 1C5-07
DA-4382/CGMP10	0049	\$1,231			CBP ACAMS Door Revisions Area 3C1
DA-4382/CGMP11	0010			\$(1,065,407)	CMAR De-Scoping for Bradley West Program
DA-4382/CGMP12	0163	\$1,196			FC10d Fixture Conflict In Room 1C4-10 (Drywall)
DA-4382/CGMP12	0164	\$5,187			Architecture Change At stair 2C6ST03
DA-4382/CGMP12	0165	\$7,630			Door Panic Hardware Needed in Electrical Rooms 3C1-22 an
DA-4382/CGMP12	0166	\$3,593			Fire Rating at Head of Wall Under Stairs
DA-4382/CGMP12	0167	\$538			BWC - Signage Support Steel Conflicts on Level 3
DA-4382/CGMP12	0168	\$13,719			Commence Level 6 Mechanical, Electrical, Plumbing, and Fir
DA-4382/CGMP12	0169	\$15,776			Additional Paperless Drywall In Various Areas
DA-4382/CGMP12	0170	\$2,917			BWC Int - 5C4-30A Curb Requirement And
DA-4382/CGMP12	0171	\$1,153			Revised Wall Framing and Drywall For Stair 9 Enclos
DA-4382/CGMP12	0172	\$15,612			Core Remove Level 6 Tenant Ceiling
DA-4382/CGMP12	0173	\$1,144			Enclose Backup Steel In Women's Restroom 1C7-35 (Drywal
DA-4382/CGMP12	0174	\$4,469			INT MER Room HVAC Unit Conflict With Ceilings
DA-4382/CGMP12	0175	\$1,100			CBP Revisions to Restroom Mirrors and Access
DA-4382/CGMP12	0176	\$5,653			Additional Soffit to Enclose Piping
DA-4382/CGMP12	0177	\$2,704			Rework Due to FCU BIM Recoordination at L4, L5, L6 (Drywa
DA-4382/CGMP12	0178	\$6,476			CBP ACAMS Door Revisions Area 3C1
DA-4382/CGMP12	0179	\$9,982			BWC Level 6 - Gridlines AA.5/AA.6 and X19/C20
DA-4382/CGMP12	0180	\$1,659			X1 Low Soffit Structural Steel (Gypsum Board/ Fram
DA-4382/CGMP13	0074	\$20,919			Core Remove Level 6 Tenant Ceiling
DA-4382/CGMP13	0075		\$(290,313)		Core Retail Islands Deletion of Level 4
DA-4382/CGMP13	0076	\$22,320			Speaker Mounted Within Trespa Column Covers
DA-4382/CGMP13	0077	\$5,795			Additional Customs Border Patrol (CBP) Regulatory Signage a



### **Bradley West Element**

DA-4382 - BRADLEY	WEST	CORE	(DA-4382)
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DA-4382/CGMP14	0800	\$3,130		Core Remove Level 6 Tenant Ceiling (Painting)
DA-4382/CGMP14	0081	\$360		Enclose Backup Steel In Women's Restroom 1C7-35 (Painting
DA-4382/CGMP14	0082	\$597		INT MER Room HVAC Unit Conflict With Ceilings
DA-4382/CGMP14	0083	\$2,237		CBP Revisions to Restroom Mirrors and Access
DA-4382/CGMP14	0084	\$36,073		Core Modifications to Restroom Trashcan TA-9
DA-4382/CGMP14	0085	\$924		CBP ACAMS Door Revisions Area 3C1 (Pain
DA-4382/CGMP15	0027	\$2,577		Enclose Backup Steel In Women's Restroom 1C7-35 (Tiles)
DA-4382/CGMP15	0028	\$23,650		CBP Revisions to Restroom Mirrors and Access
DA-4382/CGMP16	8000	\$(8,832)		Core Remove Level 6 Tenant Ceiling (Signage and Graphics)
DA-4382/CGMP16	0009	\$652		CBP Revisions to Restroom Mirrors and Access
DA-4382/CGMP16	0010	\$9,011		Additional Customs Border Patrol (CBP) Regulatory Signage a
DA-4382/CGMP16	0011	\$546		CBP ACAMS Door Revisions Area 3C1 (Sign
DA-4382/CGMP18	0030	\$23,632		NFA - Buried Conduits In Arrivals Area A and B
DA-4382/CGMP18	0031	\$91,462		Addition of 22 White Concrete Rings in Sidewalk Around 22 Col
DA-4382/CGMP18	0032		\$151,781	Overly Roof Panel Manufacturing Acceleration
DA-4382/CGMP18	0033	\$2,690		Wire Size Change for Power in North CCTV Cabinet
DA-4382/CGMP18	0034	\$18,834		ADA Ramps Near Sidewalk Columns (3 each)
DA-4382/CGMP18	0035	\$15,566		NFA - Parking Structure Work At Pedestrian Bridge (Concrete)
DA-4382/CGMP18	0036	\$47,680		NFA Light Pole Flexible Collar with Cover
DA-4382/CGMP18	0037	\$40,921		NFA Temporary CCTV Cameras
DA-4382/CGMP18	0038	\$70,029		NFA Architectural Coating for Twelve (12) Each Entry Columns
DA-4382/CGMP18	0039	\$35,905		NFA - Redesign of the Fire Sprinkler System to the Escalator
DA-4382/CGMP18	0040	\$26,442		NFA - Curved Section Of The Canopy Nosing Changed To Co
DA-4382/CGMP18	0041	\$19,583		NFA - Oldcastle Glass to be Used as Opposed to Glasspro
DA-4382/CGMP18	0042	\$18,199		NFA - Modifications to Lower Trusses
DA-4382/CGMP18	0043	\$12,747		Trenching for New Gas Line
DA-4382/CGMP18	0044	\$18,287		NFA - Beauty Cap Cover
DA-4382/CGMP18	0045	\$894		Re-scanning of 8 each Columns on the Upper Level of the Term
DA-4382/CGMP18	0046		\$225,577	NFA - Bulletin 02 Changes
DA-4382/CGMP20	0021	\$101,974		Phase 0 - DWP/BHS Yard Water Line Re-Route - Exis
DA-4382/CGMP20	0022	\$5,723		Phase '0' - Slab Extension's at R line Between Grid Lin
DA-4382/CGMP20	0023	\$13,008		Parking Structure Work At Pedestrian Bridge (Steel)
DA-4382/CGMP20	0024	\$(1,561)		CBP North Offices - Sewage Ejector Pump Control



# CHANGE ORDERS - Continued as of 4/30/2013

Element

roject Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
JP Replacement Element	ent				
C001A - CENTRAL UTILIT	Y PLANT				
DA-4554/0000	0127	\$3,890			Vault 12 Unforeseen Utility Conflict
DA-4554/0000	0128	\$27,215			Metering Building LADBS Required Corrections
DA-4554/0000	0129	\$3,863			Domestic Water Valve #319 Maintenance
DA-4554/0000	0130	\$5,784			Demolition Miscellaneous Concrete D7 & D8
DA-4554/0000	0131	\$4,454			Area D7 - Unforeseen Existing Fire Water Line
DA-4554/0000	0133	\$15,251			Chiller Room Trench Drains Design
DA-4554/0000	0134	\$10,482			Cooling Tower Pump Room Trench Drains Design
DA-4554/0000	0135	\$9,045			Additional Potholing D7 Fire Water Line
DA-4554/0000	0136	\$8,473			LADWP Required AT&T Lease Line for IS-5119
DA-4554/0000	0137	\$9,295			Combine Crane Activities at CT
DA-4554/0000	0138	\$116,663			Safety Maintenance Equipment

### Residential/Soundproofing Element

#### **Terminal Element**



### **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	\$43,783,331	\$3,484,738	\$47,268,069	7.60%
FIELD CONDITIONS	\$14,449,090	\$1,788,906	\$16,237,996	2.61%
OWNER BETTERMENT	\$25,330,855	-\$7,574,653	\$17,756,202	2.86%
CODE REQUIREMENT	\$3,393,826	\$697,544	\$4,091,370	0.66%
TOTAL	\$117,342,428	-\$1,603,465	\$115,738,963	18.62%

<sup>\*</sup>Base Contract Value = \$621,550,000

<sup>1)</sup> 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 cost associated with the bridges was transferred to the Core Renovation budget; and the change will be presented to the Board in June 2013.



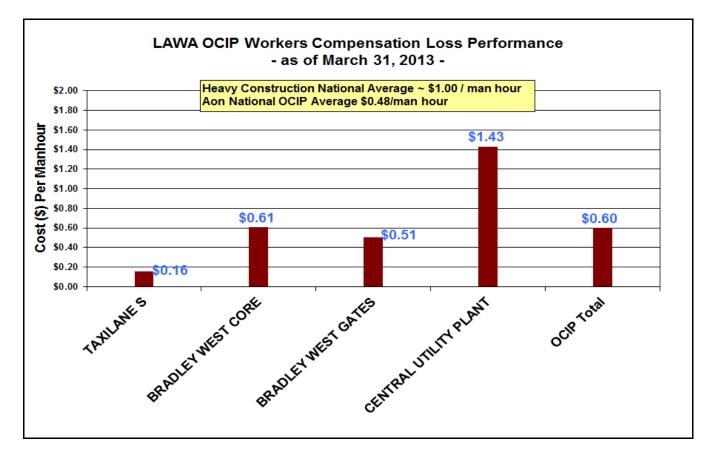
## **Bradley West- CORE**

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	\$27,303,712	(\$756,801)	\$26,546,911	4.26%
FIELD CONDITIONS	\$9,681,932	\$444,405	\$10,126,337	1.63%
OWNER BETTERMENT	\$69,889,433	\$1,936,311	\$71,825,744	11.54%
CODE REQUIREMENT	\$6,022,331	\$77,388	\$6,099,719	0.98%
TOTAL	\$142,944,215	\$1,701,303	\$144,645,518	23.23%

<sup>\*</sup>Base Contract Value = \$622,600,000

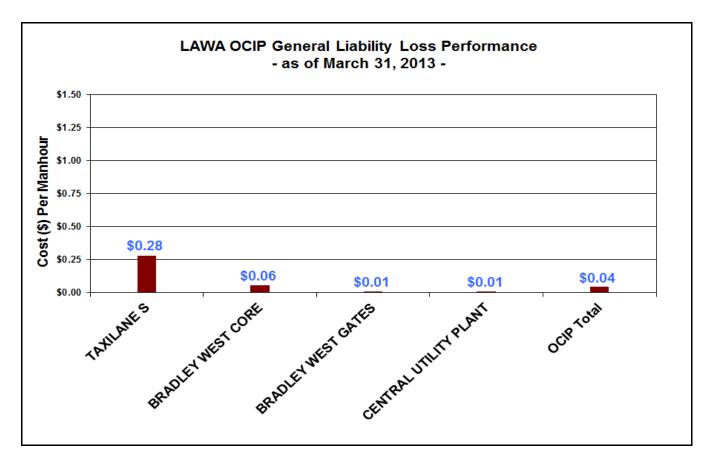
Los Angeles
World Airports
AIRPORTS DEVELOPMENT GROUP

OCIP as of 4/30/2013



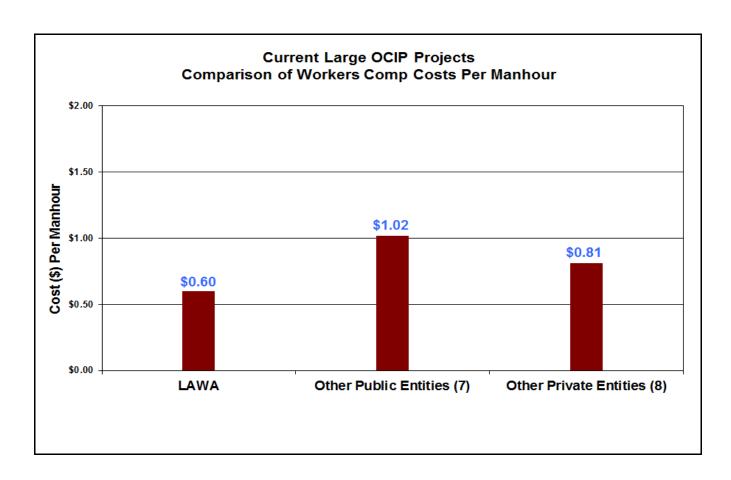


OCIP - Continued as of 4/30/2013





OCIP - Continued as of 4/30/2013





## MWBE/DBE

# **Subcontractor Utilization Summary Report**

## as of 4/30/2013

				Achieved Participation to Date*			ate*		
Firm	Contract No.	DBE or M/WBE	Proposed Level of Participation		M/WBE		DBE		Remarks
AECOM Technical Services, Inc.	DA-4260	DBE	12.00	%	N/A	%	20.50	%	
Arcadis	DA-4413	M/WBE	20.00	%	12.04	%	N/A	%	Limited scope of work authorized to date.
Atkins	DA-4515	DBE	24.00	%	N/A	%	20.19	%	
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	%	9.94	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	13.23	%	6.11	%	
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	%	19.58	%	
HNTB Corporation	DA-4709	DBE	10.80	%	N/A	%	12.19	%	
HNTB Corporation	DA-4748	M/WBE	20.00	%	16.60	%	N/A	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	27.46	%	N/A	%	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00	%	24.39	%	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	%	52.93	%	N/A	%	
Paslay Management Group	DA-4324	M/WBE	10.00	%	19.56	%	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	%	20.54	%	N/A	%	
W.E. O'Neil Construction Co. of California	DA-4712	M/WBE	9.60	%	1.39	%	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	%	20.22	%	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	%	15.54	%	N/A	%	
			Total Particip	oation:	17.04%		11.68	%	

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