





# **Airports Development**

**Executive Management** 

Program Status Report

June 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.

#### **Utilities and Infrastructure Element**

These capital improvement projects implement critical utility and infrastructure that support the Terminal and Airport operations within the Central Terminal Area (CTA).

#### **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.

#### **Tenant Improvement Projects**

These projects are a complex series of interrelated efforts. Many of these efforts are managed directly by the Tenants. There is a close collaboration between LAWA, the Airlines and Concessions staff to minimize the construction related disruption to Passengers and Tenants. The Tenants and Concessions Development staff update the status and cost information for these efforts.

#### **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**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

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

# **Budget Status**

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

#### **Schedule Status**

Substantial completion occurred June 30, 2012.

#### **Issues**

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



# AIRSIDE ELEMENT - Taxilane 'T' (M306A)

# **Project Description**

The 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 International (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 phase 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 (see Issues below).

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. The pre-construction meeting was conducted on May 8, 2013; and NTP for mobilization was issued on May 13, 2013. The contractor is preparing and issuing construction submittals and is finalizing the baseline construction schedule.

# **Budget Status**

The project is tracking on budget.



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

# **Schedule Status**

The project is trending on schedule.

### <u>Issues</u>

Demolition of Low Bay Hangar and Sky Chef Building and Deluge Systems Modifications Project: A subcontractor of the construction contractor, Evans Brothers, has submitted a formal claim for damages. This matter is with Legal for final determination.



# **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**

The Project Definition phase 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.

The project is in the close-out phase.

#### **Budget Status**

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

#### **Schedule Status**

The project is in the close-out phase, which is expected to complete in August 2013.

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



# 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 airfield lights, Navaids relocation, barricades, blast fence and other specialty items.

#### **Planning and Programming Status**

The Project Definition phase 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 95% designs (based on original project scope). LAWA provided review comments on May 24, 2013.

Executive Management has identified changes to the project scope, in response to public comments from the Environmental Review and has directed that the modified shift runway alternative be the basis for design of the project. This modified shift runway alternative adds approximately 1,000 feet of additional grading, service road realignment and FAA equipment relocation to the west end at Runway 25R/7L. Due to the change in scope by LAWA Executive Management, there will be an additional 95% design review, currently scheduled for July 19, 2013.

#### **Construction Progress**

No construction contract awarded.

#### **Budget Status**

The budget may be impacted by the change in scope described in the Design Progress section.

#### **Schedule Status**

The schedule may be impacted by the change in scope described in the Design Progress section.

#### Issues

The budget and schedule may be impacted by the change in scope described in the Design Progress section.



# **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**

The Project Definition phase 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 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. In May, LAWA Management revised the project scope, which deleted the TWY C extension, Air Freight 8 demolition, and extended grading operations 1000 feet beyond the end of runway 7L.

#### **Planning and Programming Status**

The Project Definition phase 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 95% designs (based on original project scope). LAWA provided review comments on May 24, 2013.

Executive Management has identified changes to the project scope, in response to public comments from the Environmental Review and has directed that the modified shift runway alternative be the basis for design of the project. This modified shift runway adds approximately 1,000 feet of grading, service road realignment and FAA equipment relocation to the west end of Runway 25R and evaluating the demolition of Air Freight 8 and extension of Taxiway 'C'. ADG is coordinating with the design consultant to revise the scope of the project to model this direction. Due to the change in scope by LAWA Executive Management, there will be an additional 95% design review, currently scheduled in July 2013.

#### **Construction Progress**

No construction contract has been awarded.

# **Budget Status**

The budget may be impacted by the change in scope described in the Design Progress section.

#### **Schedule Status**

The schedule may be impacted by the change in scope described in the Design Progress section.

### <u>Issues</u>

The budget and schedule may be impacted by the change in scope described in the Design Progress section.



# 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**

The Project Definition phase 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.

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 August 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**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

The Notice of Substantial Completion was issued May 3, 2013.

The project is complete.

# **Budget Status**

This project was completed under budget. The project financial close-out is underway and is forecast to complete in September 2013.

#### **Schedule Status**

This project was completed on schedule.

#### Issues



# 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**

The Project Definition phase is complete.

#### **Design Progress**

Design is 100% complete.

#### **Construction Progress**

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

The contractor completed phase 3A, Threshold relocation on 16R & 34L, on June 19, 2013. Phase 3 work - concrete repairs and electrical work continues in the southern segment of the runway.

Overall construction is 35% complete.

# **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.

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



# 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 phase is complete.

#### **Design Progress**

LAWA issued Notice to Proceed for design to URS on March 14, 2013. The 60% design documents were submitted and reviewed by LAWA in May, 2013; and the 90% design documents were submitted and reviewed by LAWA in June 2013.

# **Construction Progress**

Construction contract has not yet been awarded.

On June 18, 2013, the Board approved the request to advertise for construction bids.

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

## **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

Design is 100% complete.

# **Construction Progress**

North Concourse

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

South Concourse

A coordinated effort between LAWA, ADG, the contractor and other 3rd party entities continues to work toward obtaining a Temporary Certificate of Occupancy (TCO). Efforts are focused upon the remaining finishes work, training, and building/systems turnover. The project team anticipates activation of the Bradley West Terminal in the 3rd quarter of 2013.

# **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 at the next available meeting.



# **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: Aug-2013

#### Issues

The Substantial Completion date for the Gates component of the Bradley West project has moved into August 2013. The project is in the final stages of construction. The coordination of testing activities while building construction is completing has been the major challenge. 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 provide improvements to the Federal Inspection Service (FIS) facilities in Tom Bradley International Terminal (TBIT) and allow for the development of new 693,000-sq. ft. improved departure level (post security) passenger amenities, including new restrooms, concessions, airline lounges, and administrative offices within TBIT's existing north and south concourses; renovates TBIT Phase 0,and included is the Integrated Environmental Media System (IEMS) which employs cutting edge technology to create an iconic passenger experience.

#### **Planning and Programming Status**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% complete.

### **Construction Progress**

A coordinated effort between LAWA, ADG, the contractor and other 3rd party entities continues to work toward obtaining a Temporary Certificate of Occupancy (TCO). Efforts focus on remaining finish work, training, and building/systems turnover. The project team anticipates activation of the Bradley West Terminal in the 3rd quarter of 2013.

# **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: Aug-2013

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

The Substantial Completion date for the Core component of the Bradley West project has moved into August 2013. The project is in the final stages of construction. The coordination of testing activities while building construction is completing has been the major challenge. 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 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**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

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

# **Budget Status**

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

# **Schedule Status**

The project is trending on schedule.

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

See Budget Status above.



# **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: Regarding lighting for the artwork, 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: LAWA reconvened the Art Oversight Committee (AOC) in late June to review the re-design of Woven Walk. The Artist presented a re-design for artwork in both the North and South Corridors, but will reconfigure the patterns and pattern layout to keep labor costs within her fixed budget. The AOC recommended that LAWA move forward with the re-design.

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.

# **Construction Progress**

Ball-Nogues Studio: The Artists are in fabrication; over 50% of the bead chain has been painted. A second studio visit to be scheduled.

Pae White Studio: After the review and recommendation from the AOC, a NTP with fabrication was issued in late June.

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



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

# **Budget Status**

Ball-Nogues and Mark Bradford have received their third milestone payments; Pae White should receive her third milestone in July. This project is tracking to the budget.

#### **Schedule Status**

Ball Nogues: The original installation completion date was anticipated in late July 2013, but the Artists revised the completion date to November 30, 2013. This date was unacceptable to LAWA and the Department of Cultural Affairs. LAWA issued a Notice to Cure letter to address performance issues and proposed September 15 as the installation completion date. The Artists responded with a proposal of September 30 as the artwork fabrication completion date; LAWA countered with a completed artwork fabrication delivery date to the site by September 30.

Pae White: ADG recommends the Artist install in the South Concourse first, and then install in the North Concourse. The installation schedule is based on a 7-hour day, including 1 hour to set-up and 1 hour to break-down.

Mark Bradford: Depending on the TBIT construction process, the Artist's project is anticipated to complete on schedule with an installation occurring in Spring/Summer 2014.

#### <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 100% complete.

#### **Construction Progress**

In March 2013, the RFP was published inviting proposals. The proposals were submitted and the responses are under review. A recommendation to award is anticipated for third quarter 2013; and the construction is anticipated to commence in the fourth quarter of 2013.

#### **Budget Status**

The price proposal from the apparent low-bidder exceeds the engineer's estimate for this scope of work; and ADG is currently conducting value engineering studies to mitigate the budget impact.

#### **Schedule Status**

The project is tracking on schedule.

#### **Issues**

See Budget Status above.



# **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**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% complete.

#### **Construction Progress**

Construction was completed in June 2013. Punch list and nominal training activities are underway; and expected to be complete in August 2013.

# **Budget Status**

The project is trending on budget.

# **Schedule Status**

Construction was completed in June 2013. Punch list and nominal training activities are underway; and expected to be complete in August 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**

The Project Definition phase is complete.

# **Design Progress**

Several training, commissioning and performance monitoring plans are nearing completion. The contractor has submitted the test procedures for the Heat Recovery Steam Generator and Chillers; and is scheduled to submit the commissioning plan for the Chiller System in July 2013.

#### **Construction Progress**

Installation of the CUP's exterior stainless steel panels began in June 2013. Installation of panels has only commenced on the north elevation but the sub-girt system installation is underway on the south elevation. Stainless steel panel installation is approximately 50% complete on the north elevation. Installation of the corrugated metal panels saw significant progress through June 2013. Panel installation is complete

on the east elevation, approximately 60% complete on the south elevation and essentially complete on the west elevation. Painted aluminum panel installation as the ceiling finish in the loading dock area is also nearing completion with only the far western edge of the ceiling remaining to be completed.



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

### **Budget Status**

This project is tracking to budget.

### **Schedule Status**

The Phase 2 milestone is currently 10-days behind schedule; and mitgation strategies are being developed with the contractor.

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

Work in the terminal pump rooms is progressing slowly. The pump room work in Terminal 5 revealed faulty isolation valves which required replacement. An early investigation of Terminal 7 indicates a similar isolation valve issue. The CUP Team is working with the contractor to mitigate any budget ed slowly through June 2013. Coordination regarding replacement of faulty existing isolation valves in the various terminal air handler rooms has further contributed to pump room delays. Recent coordination effort has resulted in the additional work scope to replace the isolation valves in Terminal 5 to allow for the restoration of the new chilled water system in mid-June 2013 and the new hot water system during the last week of June 2013. Through coordination by the CUP Project Management Team and LAWA EFMD Construction Section, the CUP PM Team will authorize the replacement of the T7 isolation valves utilizing LAWA staff and the CUP WBS. Replacement of the T7 isolation valves will allow the Pump Room Improvement contractor to continue with their work and the restoration of the new heating and chilled water systems according to their revised progress schedule.



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

#### **Project Description**

This project will construct a new 2x6, 34.5 kV duct bank from the vicinity of the Theme Building, where the new duct bank will tie into the 2x5 power duct bank constructed by the new Central Utility Plant (CUP) Project, to Sepulveda Boulevard to provide the necessary infrastructure to allow LADWP to pull a new 5th Feeder to the airport for increased capacity and a more reliable redundant electrical power source available for Airport use. In addition, this project will install other improvements to include: two short extensions of a LAWA power duct bank and a communications duct bank for future use; a reclaimed water line to Sepulveda; the extension of a 24-inch fire waterline to Sepulveda; and the extension of a 16-inch domestic water line to Sepulveda.

#### **Planning and Programming Status**

The Project Definition phase is complete.

# **Design Progress**

The Board approved funding for design in April 2013; and the design kick-off meeting took place in 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.

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



# 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**

The Project Definition phase is complete.

# **Design Progress**

The Plan Check for the 100% design is in progress.

# **Construction Progress**

No construction contract awarded.

# **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

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 July 2013.

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



# **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**

The Project Definition phase is complete.

# **Design Progress**

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

# **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 Notice to Invite Bids was issued on June 4, 2013. The Pre-Bid conference and site tour was held on June 19, 2013; and the bids are due in July 2013.

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

The California Department of Fish and Wildlife has objected to seed collection from the El Segundo Blue Butterfly site and has recommended broadcast seeding in lieu of hydroseeding. LAWA concurs with the agency, and has informed the Coastal Commission accordingly.



# **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 phase 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 was issued in February 2013.

Temporary fencing, utility shut-off, hazardous materials abatement and demolition work are in progress.

Overall construction is 47% complete.

# **Budget Status**

The project is trending over budget; and the variance is being closely monitored. The budget is being impacted by the hazardous material abatement monitoring; and by soft costs exceeding the budget for this smaller-value construction contract.

#### **Schedule Status**

The project is trending on schedule (see Issues below).

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

The Commercial Development Group has requested ADG to include demolition of 4 additional properties to the scope. ADG is evaluating the budget and schedule impact of the request.



# **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 phase is complete.

### **Design Progress**

Design is 100% 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 in August 2013.

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



# 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**

The Project Definition phase 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 94% complete.

#### **Budget Status**

This project is trending to complete on budget.

#### **Schedule Status**

Project is trending on schedule with contract group RSP 14.12 starting construction in September 2013 will continue through first quarter 2014.

#### **Issues**



# **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**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% 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.

This project is complete. A total of 780 units were soundproofed during the duration of the program. Van Nuys Airport is now Title 21 Compliant and no longer under a variance.

# **Budget Status**

The project close-out is underway; and expected to conclude by September 2013.

# **Schedule Status**

Project completed.

#### <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**

The Project Definition phase 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 80% complete.

# **Construction Progress**

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

Priority II - Procurement - Fabrication is at 74%. Twenty 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 plans at 80% and submitted for plan check.

#### **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 is underway.

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. Additional units were returned to service in June 2013.

#### Issues

Unforeseen electrical lines discovered in escalator T1-5A pit area have been relocated and the actual delays have been improved to 48 days instead of the 65 days anticipated. Overall project 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**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% complete.

#### **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 completed; and project financial close-out activities are anticipated to complete by August 2013.

#### **Budget Status**

The project was completed under budget.

#### **Schedule Status**

The project was completed on schedule.

#### **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. This project will also include the installation of a new fire water line in the proximity of the Terminal 4 Connector Building and capped for future utility connections.

# **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Board approved the Design-Build contract on March 18, 2013; Limited Notice to Proceed (NTP) was issued on April 29, 2013 to provide design services. The full NTP for design and construction services was issued on June 10, 2013.

The Contractor is advancing the design document development; and has commenced survey and potholing activities.

# **Construction Progress**

No construction progress.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The Contractor has submitted the preliminary 90-day project schedule for review. ADG has reviewed and provided schedule comments for inclusion to baseline schedule.

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



# **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 60% 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.

The full design Task Order to Gruen will be issued in July 2013 to complete design services of Terminals 1, 3, 4, 5, 6, 7 and 8; and the 60% Design Development is scheduled for submission to ADG in September 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>

None at this time.



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

#### **Project Description**

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

#### **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

Design is 100% complete.

#### **Construction Progress**

Construction is complete; and the close-out phase is in progress.

#### **Budget Status**

All outstanding budget issues have been resolved.

#### **Schedule Status**

Construction was completed on February 28, 2013; and project close-out activities are anticipated to complete by September 2013.

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

None at this time.



# **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 editions 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 Terminals 1, 3, 4 and 5 is complete and Department of General Sevices is developing estimates, which are expected in August 2013.

The design for Terminal 7 and miscellaneous remaining items will be complete in July 2013.

#### **Construction Progress**

Phase 1A - Construction is 99% complete; the remaining punch list work is forecast to complete in July 2013. Phase 1B/C - The recommendation to award was approved on June 18, 2013; and Notice to Proceed is anticipated in July 2013.

#### **Budget Status**

Maintaining ramp access during construction increases the construction cost and causes a negative budget variance. The budget transaction to resolve the variance is being routed through the approval process; and is expected to be reflected by August 2013.

#### **Schedule Status**

The project is tracking on schedule.

#### Issues

See Budget Status above.



# **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; and is expected to complete by July 2013.

#### **Construction Progress**

Exit sign at Terminal 5 Ramp Level is complete. 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.

### **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.

Completion forecasted for November 2013; however, revision to the stair may have impact to the project completion date.

#### <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 2 Team is reviewing and prioritizing the identified work packages.

## **Budget Status**

The project is tracking to the budget (see Issues below).

#### **Schedule Status**

The project is trending on schedule.

#### Issues

The Planning Group and the Airport Development Group have reviewed the current aircraft capacity at the gates; and determined there is a variance. In summary, this variance requires that wiring be upgraded between the 400 Hz units and some Passenger Boarding Bridges (PBB) in the terminal. This additional wiring upgrade is budgeted within the PBB project.

The Planning Group and the Airport Development Group have identified other variances, primarily involving the 400 Hz room, power and cooling capacity, and LADBS code requirements; and are confirming the potential budget and schedule impacts.



# **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 have been 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.

## **Budget Status**

The project is tracking to budget (see Issues below).

#### **Schedule Status**

This project is currently on hold, as LAWA is evaluating whether portions of the project may be implemented by the operator.

#### Issues

Capital Program and Planning (CPPG) and the Airport Development Group (ADG) have identified variances in the scope and are working through mitigation strategies with the stakeholders. These variances may result in budget and/or schedule impact.



# **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. The 90% design submittal will be advanced upon the approval of the Terminal 2 architectural finishes.

#### **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 Aesthetic Review Committee (ARC) has selected an option, along with several alternates for pricing. The 60% design submittal will be revised to incorporate the selected option.

#### **Budget Status**

The project is trending on budget.

#### **Schedule Status**

The project is tracking on schedule.

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

The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. The potential budget impact will be assessed during the subsequent design development.



# FERMINAL 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. The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing; and the design is being developed per this new direction.

#### **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 (see Issues below).

#### **Schedule Status**

The project is trending on schedule (see Issues below).

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

The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. The potential budget impact will be assessed during the subsequent design development.



# **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 Notice to Proceed (NTP) for Design Services was issued on May 13, 2013. Design has commenced and submittal of 60% design package is expected by August 2013.

## **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. Construction is expected to be implemented by United Airlines, as part of an overall Tenant-sponsored Terminal Renovation and Upgrade Program.

#### **Schedule Status**

The project is trending on schedule.

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

None at this time.



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

#### **Project Description**

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

#### **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

The Notice to Proceed (NTP) for Design Services was issued on March 19, 2013; and design is progressing.

## **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.

Terminal 2 Team is reviewing and prioritizing the identified work packages.

## **Budget Status**

The project is tracking on budget (see Issues below).

#### **Schedule Status**

The project is trending on schedule (see Issues below).

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

The Terminal 2 team has identified additional work that may be required by this project; and a preliminary Field Survey is underway to refine the scope assumptions and the overall implementation plan. The team is working to mitigate any potential schedule or cost impact.



# **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**

The project was approved by the Board on March 18, 2013; and the designer has submitted a revised cost proposal for Design Services and is being reviewed by LAWA.

## **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.

#### Issues

The Terminal 6 team has identified additional work that may be required by this project; and a preliminary Field Survey is underway to refine the scope assumptions and the overall implementation plan. The team is working to mitigate any potential schedule or cost impact.



# 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**

Delta Airlines is renovating Terminal 5 through a series of projects including: upgrade to the Terminal 5 customs and border protection and federal inspection station (CBP/FIS) processing area, construction of an in-line baggage screening facility, upgrade of the Terminal 5 security screening check point (SSCP) by reworking the queuing area, adding escalators and adding additional lanes for passenger screening, upgrade of the ticket lobby and baggage claim, upgrade the signage and wayfinding, and improvements in the gate and departure levels in Terminal 5. In addition to Delta's renovation, a phased implementation of a new concessions program in the terminal began in the fall of 2011.

Overall, work in Terminal 5 includes the scope, both airline and LAWA-related, being done by Delta Airlines, Elevator and Escalator Replacement and Concessions.



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

#### **Project Description**

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



## **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.

#### <u>Issues</u> / 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 nearing completion. The design documents are submitted to LAWA and the TSA for review.

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



# 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

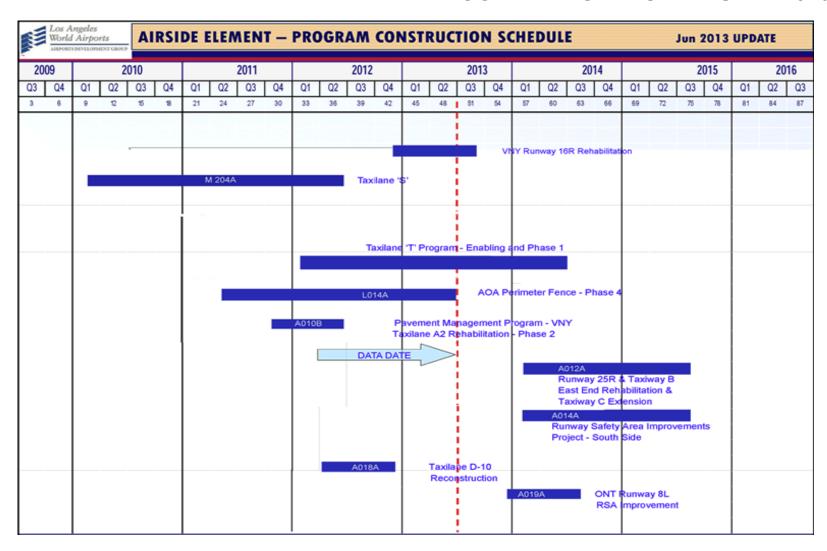
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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.

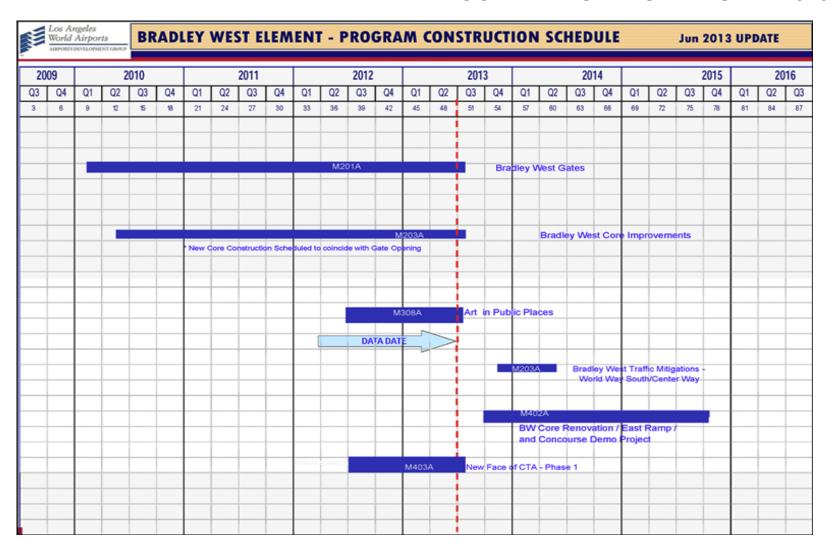
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

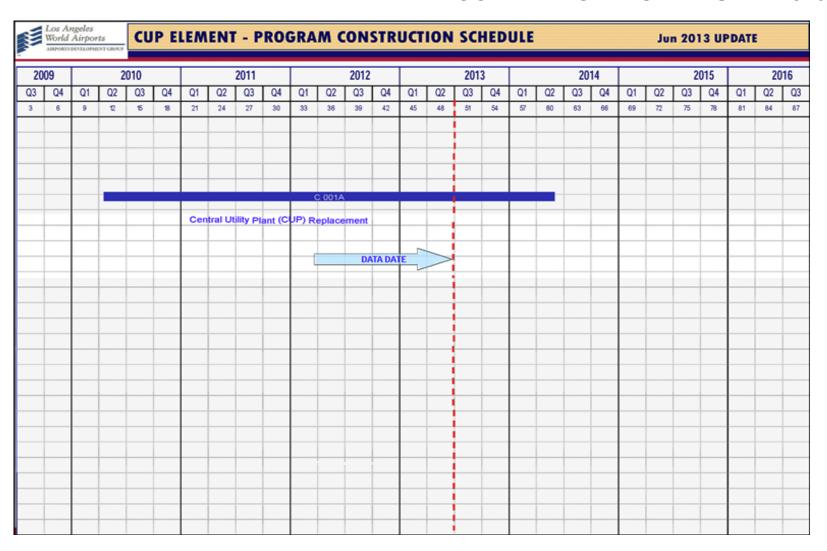




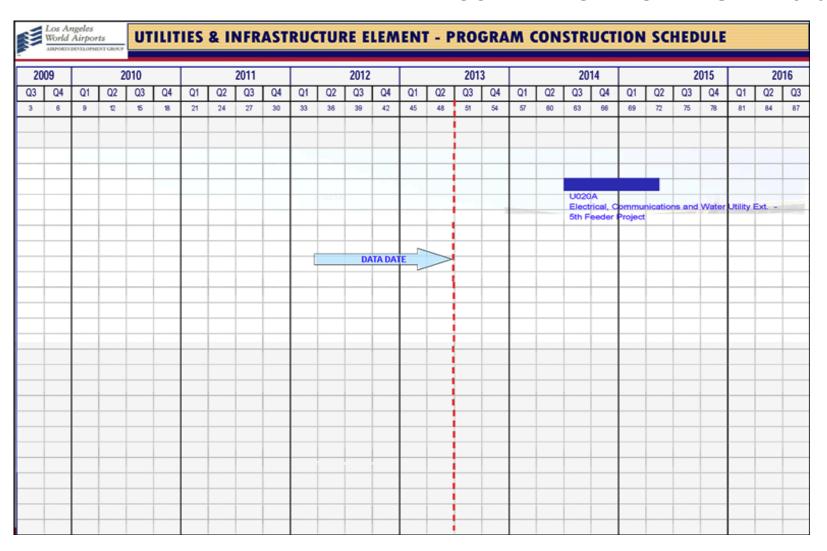




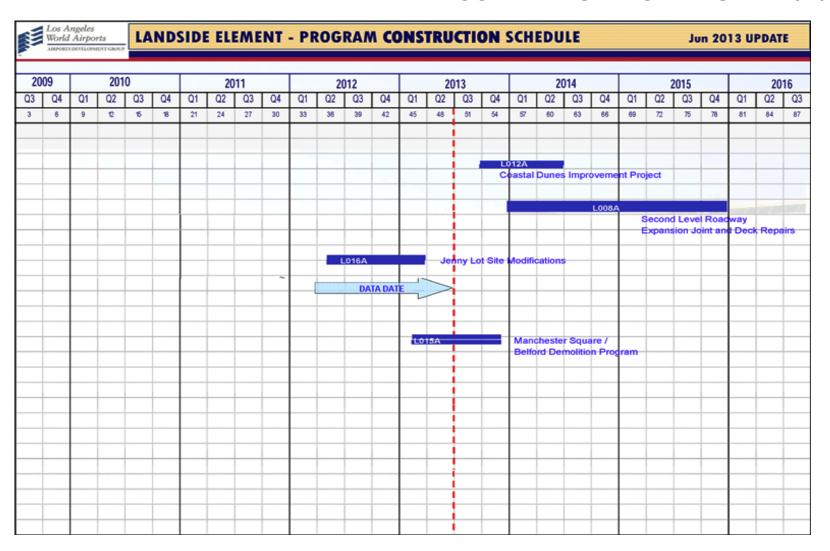




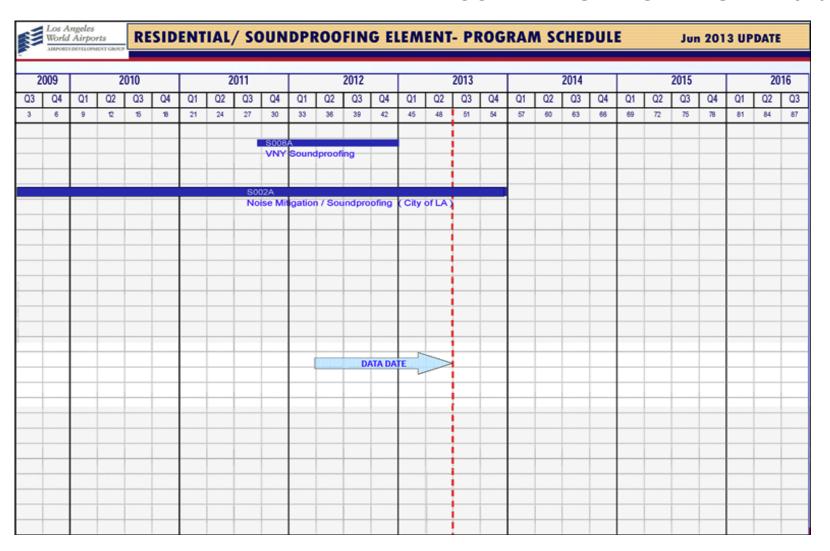




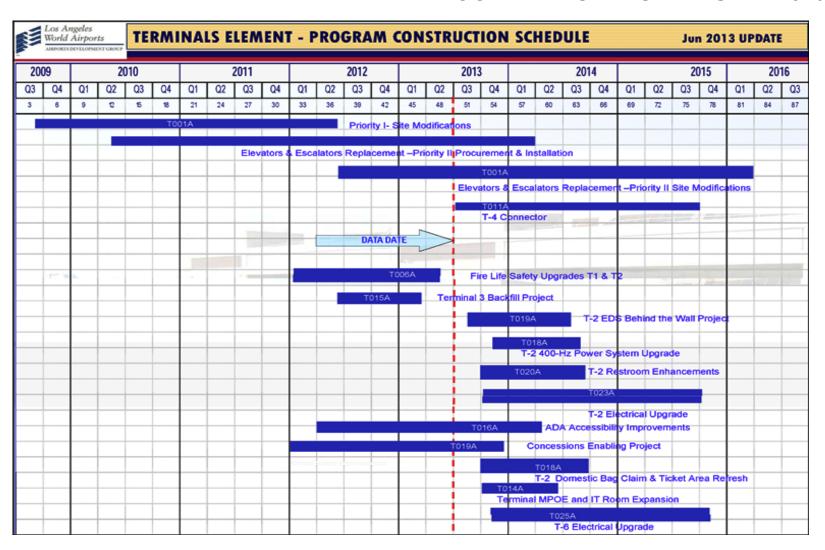














#### **BUDGET OVERVIEW**

#### **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 6/30/2013

(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	411,730	363,592	484,139	18,972	75%	70%			
Bradley West Element	2,040,915	1,996,865	1,595,057	1,433,953	1,929,152	67,713	74%	58%			
CUP Replacement Element	423,835	423,835	368,905	284,041	406,896	16,939	70%	36%			
Utilities & Infrastructure Element	8,175	13,994	13,723	13,723	13,723	271	100%	100%			
Residential/Soundproofing Element	180,000	160,000	155,082	150,875	160,000	0	94%	0%			
Terminal Element	270,000	240,035	193,132	90,829	203,184	36,850	45%	9%			
Subtotal: Capital Budget 1	3,429,735	3,337,838	2,737,629	2,337,013	3,197,093	140,745	73%	51%			
Capital Budget 2											
Airside Element	167,864	164,960	47,088	32,282	153,331	11,629	21%	5%			
Utilities & Infrastructure Element	12,544	12,544	538	73	11,314	1,230	1%	0%			
Landside Element	31,114	44,700	10,695	8,226	42,047	2,652	20%	81%			
Residential/Soundproofing Element	1,317	1,317	1,124	1,124	1,139	178	99%	91%			
Terminal Element	247,723	242,431	103,437	14,741	214,072	28,360	7%	7%			
Subtotal: Capital Budget 2	460,563	465,951	162,881	56,446	421,902	44,049	13%	8%			
SUBTOTAL	3,890,298	3,803,789	2,900,510	2,393,459	3,618,995	184,794	N/A	N/A			
Unallocated Contingency	N/A	103,645	0	0	0	N/A	N/A	N/A			
Subtotal	3,890,298	3,907,433	2,900,510	2,393,459	3,618,995	184,794	N/A	N/A			
						·					
Work in Progress	N/A	0	19,566	15,113	N/A	N/A	N/A	N/A			
Program Total	N/A	3,907,433	2,920,076	2,408,572	N/A	N/A	N/A	N/A			

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

<sup>2.</sup> The Bradley West Element budget is updated per the Development Program Update presented on June 4, 2013.



# AIRSIDE ELEMENT BUDGET REPORT as of 6/30/2013

	(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	157,716	150,697	159,594	2,448	94%	49%		
M306A	Taxilane 'T'	96,500	156,284	72,463	32,083	142,990	13,295	23%	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	411,730	363,592	484,139	18,972	75%	70%		
	Capital Budget 2										
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	7,479	6,835	41,159	2,078	17%	0%		
A018A	Taxilane D-10 Reconstruction	9,062	9,062	7,694	7,395	7,884	1,178	94%	0%		
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	113	113	67,802	5,404	0%	0%		
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,602	2,519	2,602	331	97%	18%		
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	5,891	4,249	5,891	615	72%	3%		
A016A	VNY Runway 16R Rehabilitation	20,483	20,483	17,776	6,075	18,780	1,703	32%	0%		
A019A	ONT Runway 8L RSA Improvement	4,467	4,467	467	32	4,147	320	1%	0%		



# AIRSIDE ELEMENT BUDGET REPORT as of 6/30/2013

	(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	164,960	47,088	32,282	153,331	11,629	21%	5%	
	Airside Total	674,674	668,070	458,818	395,875	637,469	30,600			

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



# BRADLEY WEST ELEMENT BUDGET REPORT as of 6/30/2013

	(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	872,931	807,825	749,512	851,066	21,865	88%	65%	
M203A	Bradley West Core Improvements	808,364	782,389	709,188	627,434	772,159	10,230	81%	54%	
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	735	194	147	780	(45)	19%	0%	
M308A	Art In Public Places	5,360	5,360	5,360	3,111	5,360	0	58%	0%	
M402A	Bradley West Core Renovation/East Ramp and Concourse Demo Project	273,170	277,038	26,480	22,924	250,007	27,031	9%	0%	
M403A	New Face of CTA - Phase 1	43,270	56,261	43,952	28,767	47,722	8,539	60%	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	1,996,865	1,595,057	1,433,953	1,929,152	67,713	74%	58%	
	Bradley West Total	2,040,915	1,996,865	1,595,057	1,433,953	1,929,152	67,713			

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

2. The Bradley West Gates and Core budget is updated per the Development Program Update presented on June 4, 2013.



# CUP REPLACEMENT ELEMENT BUDGET REPORT as of 6/30/2013

	(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	423,834	368,905	284,041	406,896	16,939	70%	36%
	Capital Budget 1 Total	423,835	423,83) ****	······' 68,905	284,041	406,896	16,939	70%	36%
	CUP Replacement Total	423,835	423,835	368,905	284,041	406,896	16,939		

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



# UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 6/30/2013

		_		(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
	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	538	73	11,314	1,230	1%	0%
	Capital Budget 2 Total	12,544	12,544	538	73	11,314	1,230	1%	0%
	Utilities & Infrastructure Total	20,719	26,538	14,261	13,796	25,036	1,501		



# LANDSIDE ELEMENT BUDGET REPORT as of 6/30/2013

				(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	33,161	2,363	2,043	30,883	2,278	7%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	572	420	2,949	51	14%	0%
L015A	Manchester Square / Belford Demolition Program	1,981	1,305	1,088	557	1,402	(97)	40%	0%
L016A	Jenny Lot Site Modifications	7,233	7,233	6,673	5,205	6,813	420	76%	100%
	Capital Budget 2 Total	31,114	44,700	10,695	8,226	42,047	2,652	20%	81%
	Landside Total	31,114	44,700	10,695	8,226	42,047	2,652		



# RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 6/30/2013

				(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/SOUNDPROOFIN								
	Capital Budget 1								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	155,082	150,875	160,000	0	94%	0%
	Capital Budget 1 Total	180,000	160,000	155,082	150,875	160,000	0	94%	0%
	Capital Budget 2								
S008A	VNY Soundproofing	1,317	1,317	1,124	1,124	1,139	178	99%	91%
	Capital Budget 2 Total	1,317	1,317	1,124	1,124	1,139	178	99%	91%
	Residential/Soundproofing Total	181,317	161,317	156,206	151,999	161,139	178		



# TERMINAL ELEMENT BUDGET REPORT as of 6/30/2013

	(dollars in thousands)												
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used				
	TERMINAL												
	Capital Budget 1												
T001A	Elevators and Escalators Replacement	270,000	240,035	193,132	90,829	203,184	36,850	45%	9%				
	Capital Budget 1 Total	270,000	240,035	193,132	90,829	203,184	36,850	45%	9%				
	Capital Budget 2												
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,273	2,937	3,334	922	88%	15%				
T011A	Terminal 4 Connector	114,318	114,496	85,299	1,010	102,030	12,467	1%	0%				
T014A	Terminal MPOE and IT Room Expansion	19,653	19,653	401	249	16,773	2,880	1%	0%				
T015A	Terminal 3 Backfill Project	5,846	6,865	7,375	6,817	6,843	22	100%	98%				
T016A	ADA Accessibility Improvements	2,000	2,000	689	464	4,179	(2,179)	11%	0%				
T017A	Concessions Enabling Project	3,445	3,445	1,340	1,334	2,401	1,044	56%	0%				
T018A	Terminal 2 400-Hz Power System Upgrade	1,676	1,676	392	232	1,589	88	15%	0%				
T019A	Terminal 2 EDS Behind the Wall Project	14,246	14,246	852	548	12,003	2,244	5%	0%				
T020A	Terminal 2 Restroom Enhancements	3,112	3,112	511	235	2,663	449	9%	0%				
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	13,386	13,386	559	29	11,667	1,719	0%	0%				
T022A	Terminal 7 Restroom Enhancements	6,159	714	603	240	714	0	34%	0%				
T023A	Terminal 2 Electrical Upgrade	39,009	39,009	1,817	372	33,137	5,872	1%	0%				
T025A	Terminal 6 Electrical Upgrades Project	19,574	19,574	324	274	16,741	2,833	2%	0%				
	Capital Budget 2 Total	247,723	242,431	103,437	14,741	214,072	28,360	7%	7%				
	Terminal Total	517,723	482,466	296,569	105,570	417,256	65,210						



# WORK IN PROGRESS BUDGET REPORT as of 6/30/2013

				(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
	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	9,549	8,338	N/A	N/A	N/A	N/A
M404A	Bradley West Outbound Baggage Handling System	N/A	0	5,561	3,139	N/A	N/A	N/A	N/A
T012A	New Face of the CTA - Phase 2	N/A	0	1,038	325	N/A	N/A	N/A	N/A
T026A	Midfield Satellite Concourse (North Gates)	N/A	0	3,311	3,311	N/A	N/A	N/A	N/A
T028A	Passenger Boarding Bridge Relocation	N/A	0	107	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	19,566	15,113	N/A	N/A	N/A	N/A
	Work in Progress Total	N/A	0	19,566	15,113	N/A	N/A		



### 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.

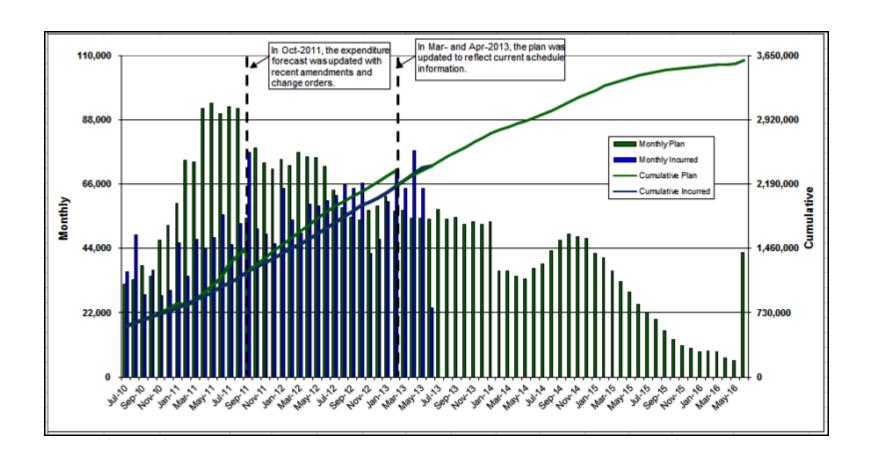
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

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 6/30/2013

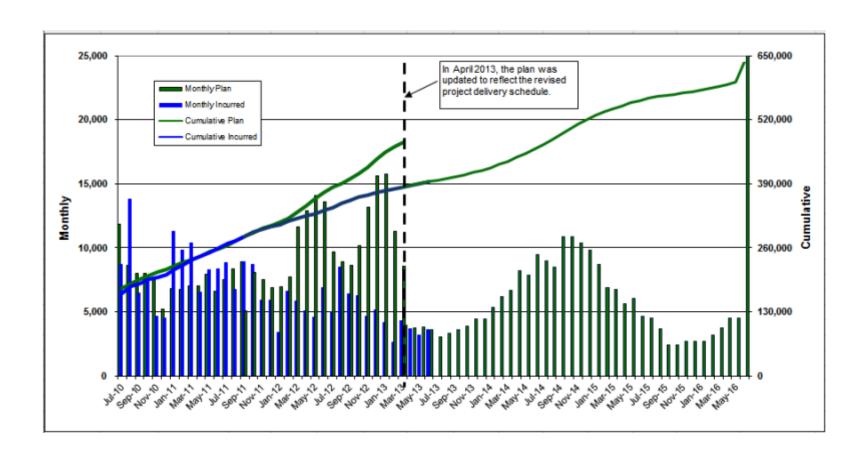


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.
- 3. Cost in thousands.



### AIRSIDE ELEMENT CASH FLOW

as of 6/30/2013

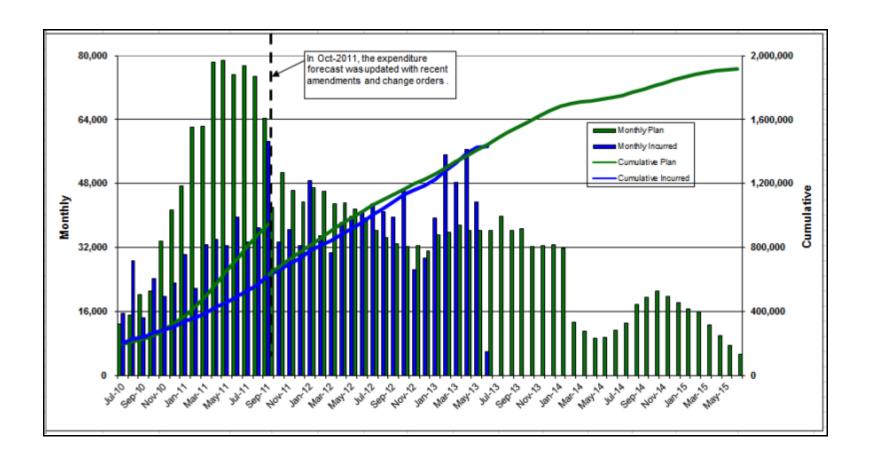


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.
- 3. Cost in thousands.



### **BRADLEY WEST ELEMENT CASH FLOW**

as of 6/30/2013

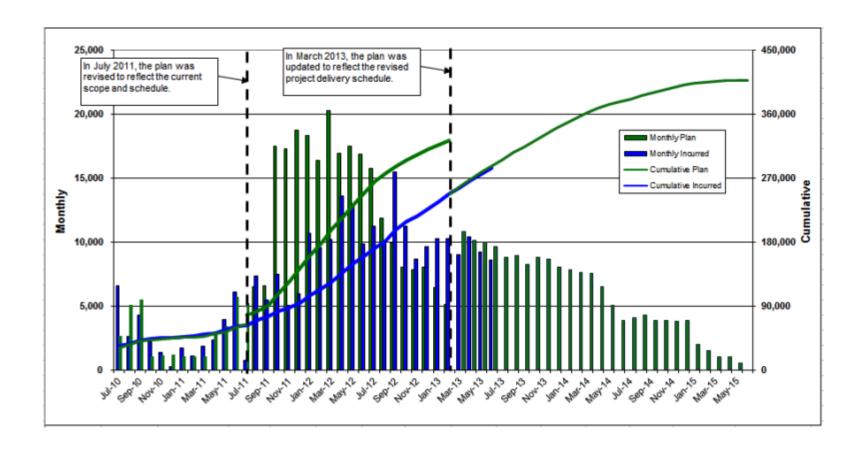


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.
- 3. Cost in thousands.



### **CUP REPLACEMENT CASH FLOW**

#### as of 6/30/2013

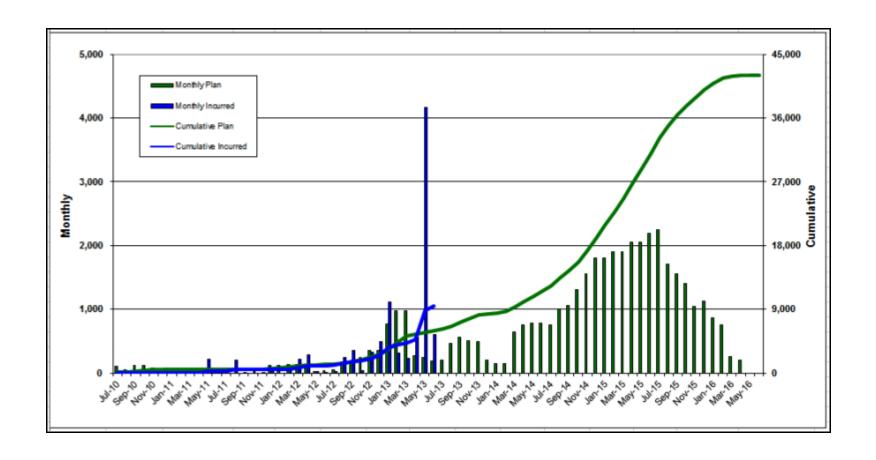


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.
- 3. Cost in thousands.



### LANDSIDE ELEMENT CASH FLOW

as of 6/30/2013

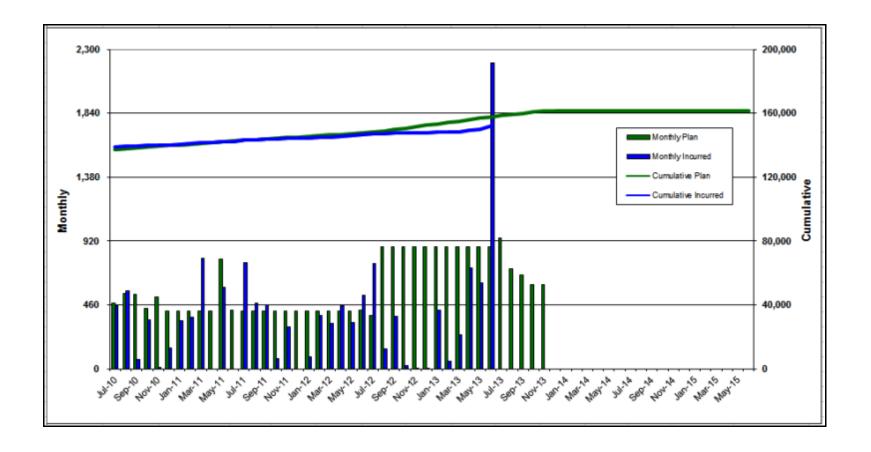


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.
- 3. Cost in thousands.



# RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

as of 6/30/2013

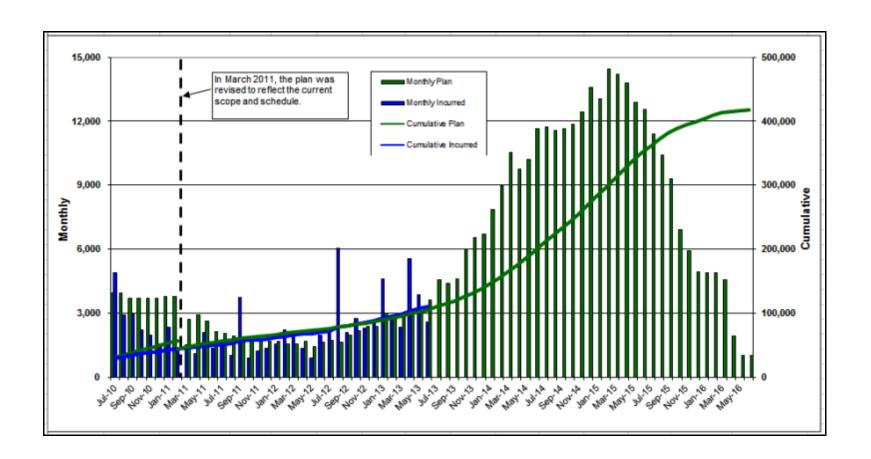


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.
- 3. Cost in thousands.



# TERMINALS ELEMENT CASH FLOW

as of 6/30/2013



- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.
- 3. Cost in thousands.



### **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 6/30/2013

Element						as of 6/30/20
Project Cont	tract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
Airside Element						
M204A - TAXILA	NE'S'					
DA-43	398	0075			\$(1,290,647)	Final Unit Price Bid Item Qty Adj (Part 2), Credit for Unused Portion of CO No. 20, Credit for Unused Portion of CO No. 26, Credit for Unused Portion of CO No. 36, Credit for Unused Portion of CO No. 52, Credit for Unused Portion of CO No. 55, Credit for Unused Portion of CO No. 58, Final Allowance Bid Item Qty Adj (Part 2)
DA-43	398	0076		\$748,120		Bid Item 93 (Subgrade Preparation) Impacts



# CHANGE ORDERS - Continued as of 6/30/2013

Element	
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Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
radley West Element					
DA-4337 - BRADLEY WES	ST GATES (DA-4	337)			
DA-4337/CGMP01	0072	\$(28,036)			BWG - TWC Cabinet Backing Installation in Room 3S2-16
DA-4337/CGMP01	0073	\$(17,268)			BWG - Flaggers at Lateral Access Roads
DA-4337/CGMP01	0075	\$9,850			BWG - Temporary Partition, Door, Signage and Egress Route Details fo
DA-4337/CGMP02	0380	\$8,012			BWG - BWG Int - Gap At Restroom Walls Transition to Cur
DA-4337/CGMP02	0381	\$110,220			BWG - Temporary Fire Water Line Modifications and Removals Phase
DA-4337/CGMP02	0382	\$8,461			CCP Bulletin H055 North Tug Pass DWP Profile Adjustment (Site Utili
DA-4337/CGMP03	0137		\$414,892		CCP Bulletin H055 North Tug Pass DWP Profile Adjustment (Utilities)
DA-4337/CGMP03	0138	\$87,616			BWG - BLT H062: NFC-2 Fuel Comm MH Transfer
DA-4337/CGMP03	0139	\$8,746			BWG - Installation of 6" Bollards to Protect Gas Header at Gate 152
DA-4337/CGMP03	0140	\$(6,360)			BWG - IWBT Credit for Deleted Asphalt Paving and North Ramp Entra
DA-4337/CGMP04	0178	\$26,960			BWG - Demo of Knockout Panel at North Basement Wall Along Gridlin
DA-4337/CGMP04	0179	\$6,374			BWG - Removal of Installed Post Supports for GIDS
DA-4337/CGMP05	0172	\$11,443			BWG - Gate 151 VDGS Relocation
DA-4337/CGMP05	0173	\$(113,427)			BWG - Exterior Wall Type at Gate 132, Credit for Down Spout Suppor
DA-4337/CGMP05	0174	\$6,433			BWG - Removal of Installed Post Supports for GIDS
DA-4337/CGMP05	0175	\$36,330			BWG - RIDS/VDGS Tube Steel Supports with Conduit Entrance Point
DA-4337/CGMP05	0176	\$2,498			BWG - Gate 159 B8 Sign Support Structure at Level 5 - Conflict with T
DA-4337/CGMP06	0089	\$6,193			BWG - Gate 151 VDGS Relocation (Metal Roof)
DA-4337/CGMP06	0090	\$1,776			BWG Gate 159 Roof Parapet Ladder, Fall Protection Posts and Metal
DA-4337/CGMP07	0192	\$1,290			BWG - Removal Of Reclaimed Water Piping
DA-4337/CGMP07	0193	\$(2,137)			BWG - Missing Wall Hydrant at Gridlines S39 and DD, South Concour
DA-4337/CGMP07	0194	\$2,066			BWG - Sterile Corridor Glass and GFRP Beam Conflict (Fire Protectio
DA-4337/CGMP07	0195	\$734			BWG Int - Change Sink Type at South Concourse
DA-4337/CGMP07	0196	\$6,199			BWG - Electrical, Mechanical and Life Safety Changes to the South C
DA-4337/CGMP07	0197	\$16,766			BWG - Diffuser Changes -North Concourse Levels 3 and 4
DA-4337/CGMP08	0326	\$6,237			BWG - Sleeve Locations for Pole Mounted A1 Signs
DA-4337/CGMP08	0327	\$2,455			BWG - MAU-N1 DDC Control
DA-4337/CGMP08	0328	\$8,398			BWG - ASCO Paralleling Gear and GE-Zenith ATS
DA-4337/CGMP08	0329	\$54,559			BWG - VDGS - Interface with SITA for LAWA Data to the AODB



DA-4337 - BRADLEY W	EST GATES (DA-4337)
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DA-4337/CGMP08	0330	\$7,680	BWG - Recessed Speakers Conflict with Level 5 Slab at Piers 151 an
DA-4337/CGMP08	0331	\$7,508	BWG - Gate 151 VDGS Relocation (Electrical)
DA-4337/CGMP08	0332	\$553	BWG - Comm Gate 130 Cute On Wheels Installation at Gate 130 (CO
DA-4337/CGMP08	0333	\$1,116	BWG - Owner Provided DVD Player Installed At Gate 132 Hold Room
DA-4337/CGMP08	0334	\$14,201	BWG - Add CBP Camera in Bus Gate Connector FIS Corridor (E
DA-4337/CGMP08	0335	\$531	BWG Added Rated Enclosure for Exposed Fire Sprinkler at North Co
DA-4337/CGMP08	0336	\$1,044	BWG - Deletion of the Exit Sign Above Door 4N2-05
DA-4337/CGMP08	0337	\$13,074	BWG - Revised Lighting Control Zoning and Photometrics
DA-4337/CGMP08	0338	\$1,451	BWG Electrical - GDN 121 Feed To 3S2MED
DA-4337/CGMP08	0339	\$33,044	BWG Electrical Panel 3S4EHF feed from Distribution Boa
DA-4337/CGMP08	0340	\$1,006	BWG - Troubleshooting Efforts on 03-09-2013 for Genetec VMS in Te
DA-4337/CGMP08	0341	\$15,943	BWG - GE EPM 1500 Meter Disconnects
DA-4337/CGMP08	0342	\$9,194	BWG -Combination Motor Starter Above Ceiling
DA-4337/CGMP08	0343	\$1,974	BWG - Removal of Installed Post Supports for GIDS - GDN-206, RFI-
DA-4337/CGMP08	0344	\$15,173	BWG - Electrical Rooms 3S3-04 and 3S5-10 Added Secondary Disco
DA-4337/CGMP08	0345	\$3,682	BWG - DRP Overturn of FD-1013 - Drop Speaker at Sterile Corridor L
DA-4337/CGMP08	0346	\$7,002	BWG - Condensate Pumps AHU-S2 and AHU-S12 Feed
DA-4337/CGMP08	0347	\$15,380	BWG - Power Supply Requirement Specification (Electrical)
DA-4337/CGMP08	0348	\$723	BWG - WC1 Ceiling at Restroom in South Concourse Area (Electrical)
DA-4337/CGMP08	0349	\$11,726	BWG - Temporary Partition, Door, Signage and Egress Route Details
DA-4337/CGMP08	0350	\$3,978	BWG - Electrical, Mechanical and Life Safety Changes to the South C
DA-4337/CGMP08	0351	\$56,786	BWG Power to Telecommunication Room Cooling Equipme
DA-4337/CGMP09	0120	\$3,265	BWG Gate 159 Roof Parapet Ladder, Fall Protection Posts and Meta
DA-4337/CGMP09	0121	\$3,392	BWG - WC1 Ceiling at Restroom in South Concourse Area (Applied F
DA-4337/CGMP10	0231	\$19,426	BWG - Vertical GRG Adjustment Off Control Due To Variance In Ste
DA-4337/CGMP10	0232	\$42,429	BWG - Added Rated Pipe Enclosures At 4 Lvl South Pier
DA-4337/CGMP10	0233	\$21,201	BWG - Gridline S1 And S22 Crescent Window Soffit Continuation
DA-4337/CGMP10	0234	\$4,075	BWG - 3rd Level Bus Connector Escalator Wrap (Interior
DA-4337/CGMP10	0235	\$742	BWG - Recessed Speakers Conflict with Level 5 Slab at Piers 151 a
DA-4337/CGMP10	0236	\$2,284	BWG - SSI - Add CBP Camera in Bus Gate Connector FIS Corridor (
DA-4337/CGMP10	0237	\$6,973	BWG Added Rated Enclosure for Exposed Fire Sprinkler at North C
DA-4337/CGMP10	0238	\$31,922	BWG - Gypsum Board and Glass Fiber Reinforcement Plaster Install
DA-4337/CGMP10	0239	\$3,986	BWG - Sign Type A32.1 Conflict at Level 5 of Bus Connector
DA-4337/CGMP10	0240	\$3,971	BWG - BWG-Communication EVIDS Shroud Support Clea
DA-4337/CGMP10	0241	\$4,532	BWG - Interiors - Receptacle Confirmation at Bridge Locations
DA-4337/CGMP10	0242	\$5,827	BWG - Interiors - Ceiling, Walls, and Sprinkler Coverage Addition at



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-4337 - BRADLEY WEST	GATES (DA-4	4337)		
DA-4337/CGMP10	0243	\$2,415		BWG - WC1 Ceiling at Restroom in South Concourse Area (Interior F
DA-4337/CGMP10	0244	\$92,542		BWG - Temporary Partition, Door, Signage and Egress Route Details
DA-4337/CGMP10	0245	\$5,407		BWG - Electrical, Mechanical and Life Safety Changes to the South
DA-4337/CGMP10	0246	\$4,671		BWG - Diffuser Changes -North Concourse Levels 3 and
DA-4337/CGMP11	0034	\$17,615		BWG - Power Supply Requirement Specification (Doors Frames Hard
DA-4337/CGMP11	0035	\$17,274		BWG - Temporary Partition, Door, Signage and Egress Route Details
DA-4337/CGMP12	0113	\$(954)		BWG - Gates Wall Mount Retractable Belt at Pier Entry
DA-4337/CGMP12	0114	\$141,665		BWG - Sterile Corridor Base Shoe Installation
DA-4337/CGMP12	0115	\$15,027		BWG - Sterile Corridor Glass and GFRP Beam Conflict (Interior Glas
DA-4337/CGMP12	0116	\$16,298		BWG - WC1 Ceiling at Restroom in South Concourse Area (Decorati
DA-4337/CGMP13	0105	\$4,216		BWG - Added Rated Pipe Enclosures At 4 Lvl South Pier
DA-4337/CGMP13	0106	\$504		BWG - 3rd Level Bus Connector Escalator Wrap (Painting
DA-4337/CGMP13	0107	\$39,965		BWG - Gypsum Board and Glass Fiber Reinforcement Plaster Install
DA-4337/CGMP13	0108	\$1,851		BWG - Interiors - Ceiling, Walls, and Sprinkler Coverage Addition at
DA-4337/CGMP13	0109	\$10,409		BWG - Removal of Installed Post Supports for GIDS
DA-4337/CGMP13	0110	\$1,993		BWG - WC1 Ceiling at Restroom in South Concourse Area
DA-4337/CGMP13	0111	\$7,771		BWG - Temporary Partition, Door, Signage and Egress Route Details
DA-4337/CGMP14	0039	\$43,826		BWG - Passenger Boarding Bridge VDGS Remote Stops
DA-4337/CGMP14	0040	\$954		BWG - Gates Wall Mount Retractable Belt at Pier Entry
DA-4337/CGMP14	0041	\$511		BWG Int - Change Sink Type at South Concourse
DA-4337/CGMP15	0014	\$545		BWG - Temporary Evacuation Signage
DA-4337/CGMP15	0015	\$2,584		BWG - Additional Elevator Identification Signage
DA-4337/CGMP15	0016	\$3,130		BWG - Temporary Partition, Door, Signage and Egress Route Details
-4382 - BRADLEY WEST	CORE (DA-43	382)		
DA-4382/CGMP01	0103	\$2,311		BWC - NFA - Wayfinding Arrivals Level (Scan)
DA-4382/CGMP01	0104	\$(2,817)		BWC - NFA - Change to Symmetrical Mounting for Airline Identificatio
DA-4382/CGMP02	0043		\$437,686	BWC - Various Revisions to Pavement in the Core Civil Package
DA-4382/CGMP02	0044	\$2,893		BWC - Addition Of Concrete Footings For Stair C2ST01 And Revised S
DA-4382/CGMP04	0153	\$2,103		BWC Elevator C1EL01-03 Machine Beam Support Steel
DA-4382/CGMP04	0154	\$3,393		BWC ADA Compliance for Ramp Landing at Escalator Level 03 Area
DA-4382/CGMP04	0155	\$3,166		BWC - Renovation - EDN-27 - Revisions to Stair 9 and 10 Level 6 Are
DA-4382/CGMP05	0084	\$3,183		BWC - Premier Lounge Framing and Bullet Mullion Conflict
DA-4382/CGMP05	0085	\$14,656		BWC - Metal Panels and Roof Details at E
DA-4382/CGMP05	0086	\$122,757		BWC - Request to Replenish Contingency - Approved Overtime/Accele



DA-4382/CGMP05	0087	\$9,649			BWC - Request to Replenish Contingency - Approved Overtime/Accele
DA-4382/CGMP05	0088	\$18,033			BWC - Roof Parapet Ladder at Gridline 49/T1 Conflict with Horizontal E
DA-4382/CGMP05	0090	\$767			BWC - Curb at Column 59-SE2 Level 6 Roof (PVC Roofing)
DA-4382/CGMP05	0091	\$24,811			BWC - Pipe Penetration Through E1C L6
DA-4382/CGMP06	0368	\$22,343			BWC Core Fit-out Children's Play Area (Interstitial Steel)
DA-4382/CGMP06	0369	\$7,272			BWC - IEMS South Welcome Wall Infrastructure - (Concrete
DA-4382/CGMP06	0370	\$15,088			BWC - Signage Clarifications and Supplemental Support Level 3 (CD
DA-4382/CGMP06	0371	\$(26,182)			BWC - Interstitial Steel Revisions
DA-4382/CGMP06	0372	\$45,264			BWC - Escalator expansion joint - (Demolition)
DA-4382/CGMP06	0373	\$5,439			BWC - Elevation Differential at Level 5 Premier Lounge
DA-4382/CGMP07	0072	\$1,417			BWC - Premier Lounge Framing and Bullet Mullion Conflict
DA-4382/CGMP07	0073	\$1,081			BWC - Metal Panels and Roof Details at E
DA-4382/CGMP08	0432		\$172,163		BWC Core Fit-out Children's Play Area
DA-4382/CGMP08	0433			\$1,140,850	BWC IEMS MER and Control Room HVAC/Power/Fit Out (CDN
DA-4382/CGMP08	0434	\$3,232			BWC - Electrical Room 3C2-56 Pier 148 at Gridline X5.5 and Y1 Beam
DA-4382/CGMP08	0435	\$40,440			BWC - Return Air Opening Near Gridline Y4/C4
DA-4382/CGMP08	0436	\$2,079			BWC BAS VAV C12.9 T-Stat Location - (HVAC)
DA-4382/CGMP08	0437		\$(502,358)		Core IEMS Destination Board Infrastructure (Electrical)
DA-4382/CGMP08	0438	\$2,968			BWC ACAMS Door 4C3-60 Relocation within Tenant Space Le
DA-4382/CGMP08	0439	\$24,885			BWC - Pet Relief Drain Routing Revision
DA-4382/CGMP08	0440		\$206,310		BWC - Rework Due to FCU BIM Re-coordination at Levels 1, 2, and 3
DA-4382/CGMP08	0441	\$146,086			BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP08	0442	\$134,830			BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP08	0443	\$144,603			BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP08	0444	\$59,243			BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP08	0445	\$62,877			BWC - ASCO Paralleling Gear and GE-Zenith Automatic Transfer Swi
DA-4382/CGMP08	0446	\$(2,296)			BWC - Ductwork Design MEP Conflicts
DA-4382/CGMP08	0447	\$21,982			BWC - AHU C6 Relief/Return Air Duct Route
DA-4382/CGMP08	0448	\$(1,313)			BWC - Condensate Line in 3C7-65 (HVAC)
DA-4382/CGMP08	0449	\$30,732			EVIDS, Phones, WIFI Conduit Infrastructure to TR2C7-18
DA-4382/CGMP08	0450	\$19,377			BWC - Duct Detectors at Fan Powered VAV Boxes
DA-4382/CGMP08	0451	\$14,570			BWC - Added Floor Control Valve At Fire Protection Feed On Level 4
DA-4382/CGMP08	0452	\$16,735			BWC - Drain Pan Under Mechanical Piping in Electrical Roo
DA-4382/CGMP08	0453	\$14,104			BWC - Level 7 Roof Drain at Gridlines 58-SE5 (Plumbing)
DA-4382/CGMP08	0454	\$5,589			BWC - IEMS MER ESI Circuits



Bradley West Element			
DA-4382 - BRADLEY WEST	T CORE (DA-4382)		
DA-4382/CGMP08	0455	\$19,770	BWC - Add One (1) Additional 1" VDGS Conduit at Gate 130
DA-4382/CGMP08	0456		BWC - Men's Restroom 1C6-20 FC10 Fixture and Beam Conflict
DA-4382/CGMP08	0457	\$1,188	BWC - FCU-C2.3 Wall Conflict and RA Location
DA-4382/CGMP08	0458	\$1,698	BWC - Trap Primer 5C5-1 Power Circuitry (Electrical)
DA-4382/CGMP08	0459	\$7,214	BWC Stainless Steel Hardware and Power Supply Revi
DA-4382/CGMP08	0460	\$26,302	BWC - HVAC And Power For IEMS Integration Room 1C5-06
DA-4382/CGMP08	0461	\$(5,213)	BWC - AHU M1 Chilled Water Piping Credit (CCR 6837)
DA-4382/CGMP08	0462	\$20,791	BWC - Transfer Duct 24x24 at M23C1
DA-4382/CGMP08	0463	\$5,831	BWC - Piping and Ductwork Modifications for Fan Coil Unit C5.2
DA-4382/CGMP08	0464	\$(74,480)	BWC - EMT Use in Exposed Dry locations
DA-4382/CGMP08	0465	\$32,395	BWC - AHU-C12 Horsepower Discrepancy Between
DA-4382/CGMP08	0466	\$1,155	Updated Fire Alarm Sequence of Operations
DA-4382/CGMP08	0467	\$71,547	BWC - Comm- Cable Tray at Level 5 Areas 4 and 8
DA-4382/CGMP09	0185	\$13,954	Elevator C1EL01-03 Machine Beam Support Steel Locatio
DA-4382/CGMP09	0186	\$13,910	BWC ADA Compliance for Ramp Landing at Escalator Level 03 Area
DA-4382/CGMP09	0187	\$2,323	BWC - Premier Lounge Framing and Bullet Mullion Conflict
DA-4382/CGMP09	0188	\$124,176	BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP09	0189	\$143,519	BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP09	0190	\$31,127	BWC - Roof Parapet Ladder at Gridline 49/T1 Conflict with Horizontal
DA-4382/CGMP09	0191	\$(1,492)	BWC - Exposed Gas Line In Stair 3C4ST03 (Exterior Framing)
DA-4382/CGMP09	0192	\$443	BWC - Exterior - Cavity Closure at CBP Room 3C4-34
DA-4382/CGMP09	0193	\$4,070	BWC - Jewel Box Floor Embeds on Level 4
DA-4382/CGMP09	0194	\$16,805	BWC - South Suspended Elevator Pit - Underside of Lev
DA-4382/CGMP09	0195	\$1,262	BWC - Curb at Column 59-SE2 Level 6 Roof (Exterior Framing and Dr
DA-4382/CGMP10	0054	\$990	BWC - IEMS MER and Control Room HVAC/Power/Fit Out
DA-4382/CGMP10	0055	\$7,804	BWC - IEMS South Welcome Wall Infrastructure -(Applied
DA-4382/CGMP10	0056	\$47,946	BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP11	0011	\$60,031	BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP12	0198	\$37,563	BWC Core Fit-out Children's Play Area
DA-4382/CGMP12	0199	\$45,843	BWC - IEMS MER and Control Room HVAC/Power/Fit Out (CD
DA-4382/CGMP12	0200	\$982	BWC - Men's Restroom 1C6-20 FC10 Fixture and Beam Conflict (Gy
DA-4382/CGMP12	0201	\$1,439	BWC - Electrical Room 3C2-56 Pier 148 at Gridline X5.5 and Y1 Bea
DA-4382/CGMP12	0202	\$6,034	BWC - CDN-191 RFI-7590 Return Air Opening Near Gridline Y4/C4 (
DA-4382/CGMP12	0203	\$1,352	BWC BAS VAV C12.9 T-Stat Location - (Gypsum Board/ F

\$(5,203)

\$(17,133)

0204

0205

DA-4382/CGMP12 DA-4382/CGMP12 Core IEMS Destination Board Infrastructure (Gypsum Boar

BWC - IEMS South Welcome Wall Infrastructure



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DA-4382 -	·BRADL	EY WEST	CORE	(DA-4382)

DA-4382/CGMP12	0206	\$1,173		BWC - Int - 3C7-15 TBar Perimeter Support Angle
DA-4382/CGMP12	0207	\$133,849		BWC - Request to Replenish Contingency - Approved Overtime/Acce
DA-4382/CGMP12	0208	\$108,601		BWC - Request to Replenish Contingency - Approved Overtime/Acce
DA-4382/CGMP12	0209	\$127,764		BWC - Request to Replenish Contingency - Approved Overtime/Acce
DA-4382/CGMP12	0210	\$126,416		BWC - Request to Replenish Contingency - Approved Overtime/Acce
DA-4382/CGMP12	0211	\$137,011		BWC - Request to Replenish Contingency - Approved Overtime/Acce
DA-4382/CGMP12	0212	\$54,006		BWC - Tenant Coordination Level 5 Phenolic Walls and Tenant Door
DA-4382/CGMP12	0213	\$1,240		BWC - Condensate Line in 3C7-65 (Gypsum Board/ Fram
DA-4382/CGMP12	0214	\$9,449		BWC - Temporary Wall in Elevator Pit at Added Premier Lounge Elev
DA-4382/CGMP12	0215	\$5,170		BWC - Exposed Gas Line In Stair 3C4ST03 (Drywall)
DA-4382/CGMP12	0216	\$16,703		BWC - Level 7 Roof Drain at Gridlines 58-SE5 (Interior Framing and
DA-4382/CGMP12	0217	\$2,081		BWC - Re-Stock and Re-Layout Level 5 Soffits Due to Dry
DA-4382/CGMP12	0218	\$4,430		BWC - Int - Glass Handrail at North Side of North Light Well on Level
DA-4382/CGMP12	0219	\$917		BWC - Comm - Added Backing For 70" Displays - (Drywall
DA-4382/CGMP12	0220	\$10,127		BWC - South Suspended Elevator Pit Underside of Le
DA-4382/CGMP12	0221	\$5,723		BWC - Transfer Duct 24x24 at M23C1 (Interior Framing and Drywall)
DA-4382/CGMP13	0083		\$203,967	BWC Core Fit-out Children's Play Area (Decorative Metals)
DA-4382/CGMP13	0084	\$13,814		BWC - IEMS MER and Control Room HVAC/Power/Fit Out
DA-4382/CGMP13	0085	\$10,080		BWC - IEMS South Welcome Wall Infrastructure - (Decorati
DA-4382/CGMP13	0086	\$118,606		BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP13	0087	\$36,634		BWC - Request to Replenish Contingency - Approved Overtime/Accel
DA-4382/CGMP13	0088	\$19,108		BWC - Soffit and Metal Pan Ceiling Detail
DA-4382/CGMP13	0089	\$764		BWC - Notching of Embed Due to Moment Connection Plates Conflict
DA-4382/CGMP13	0090	\$60,810		BWC - Tenant Coordination Level 5 Phenolic Walls and Tenant Doors
DA-4382/CGMP13	0091	\$38,140		BWC - Seismic Binnacle Design (Decorative Metals)
DA-4382/CGMP13	0092	\$2,910		BWC - Int - Glass Handrail at North Side of North Light Well on Level
DA-4382/CGMP13	0093	\$833		BWC - Comm - Added Backing For 70" Displays - (Miscellan
DA-4382/CGMP13	0094	\$812		BWC - Trespa Detail at Oversized Baggage Door
DA-4382/CGMP13	0095	\$5,955		BWC Stainless Steel Hardware and Power Supply Revi
DA-4382/CGMP14	0092	\$44,476		BWC Core Fit-out Children's Play Area
DA-4382/CGMP14	0093	\$1,837		BWC - IEMS MER and Control Room HVAC/Power/Fit Out (CDN
DA-4382/CGMP14	0094	\$515		BWC - Men's Restroom 1C6-20 FC10 Fixture and Beam Conflict (Pain
DA-4382/CGMP14	0095	\$630		BWC - Electrical Room 3C2-56 Pier 148 at Gridline X5.5 and Y1 Beam
DA-4382/CGMP14	0096	\$13,527		BWC ADA Compliance for Ramp Landing at Escalator Level 03 Area
DA-4382/CGMP14	0097	\$39,694		Core IEMS Destination Board Infrastructure (Painting)
DA-4382/CGMP14	0098	\$1,761		BWC - IEMS South Welcome Wall Infrastructure - (Painting)



DA-4382 - BRADL	EY WEST CORE	(DA-4382)
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DA-4382/CGMP14	0099	\$5,617		BWC - Tenant Coordination Level 5 Phenolic Walls and Tenant Doors
DA-4382/CGMP14	0100	\$17,721		BWC - Seismic Binnacle Design (Interior Expansion)
DA-4382/CGMP14	0101	\$2,176		BWC - Level 7 Roof Drain at Gridlines 58-SE5 (Painting)
DA-4382/CGMP14	0102	\$4,738		BWC - VDGS Support Pole Change at Gates 130 and 148
DA-4382/CGMP14	0103	\$416		BWC - Downspout Enclosure Conflicts, RFI-8004
DA-4382/CGMP14	0104	\$537		BWC - Trap Primer 5C5-1 Power Circuitry (Painting)
DA-4382/CGMP15	0030	\$9,375		BWC - VDGS Support Pole Change at Gates 130 and 148
DA-4382/CGMP15	0031	\$5,375		BWC - Passenger Boarding Bridge Transition Flooring at Gate 148
DA-4382/CGMP16	0012	\$(2,167)		BWC Core Fit-out Children's Play Area (Signage and Graphics)
DA-4382/CGMP16	0013	\$411		BWC - SSI - IEMS MER and Control Room HVAC/Power/Fit Out
DA-4382/CGMP16	0014	\$(9,190)		BWC - Deletion of Sign Type D15
DA-4382/CGMP18	0051	\$772		BWC - NFA - Area A Trench Drain Point of Connection (POC) Relocat
DA-4382/CGMP18	0052	\$17,817		BWC - NFA Wayfinding Arrivals Level (Signage)
DA-4382/CGMP18	0053	\$1,733		NFA - Added Finish to Canopy Stainless Steel Tie-Backs
DA-4382/CGMP18	0054	\$35,527		BWC - NFA - DOT Request for Conduit
DA-4382/CGMP18	0055	\$6,746		BWC - NFA - Field Fixes to Trusses 7, 8, and 9
DA-4382/CGMP18	0056	\$13,111		BWC - NFA - Change to Symmetrical Mounting for Airline Identificatio
DA-4382/CGMP18	0057	\$51,815		BWC - NFA - Next Light Pole Mock Up
DA-4382/CGMP18	0058	\$41,409		BWC - NFA - Unforeseen Conditions at Columns T6 thru T10 Only
DA-4382/CGMP18	0059	\$16,782		BWC - NFA - Airline ID Cabinet Secondary Fall Protection
DA-4382/CGMP18	0060	\$4,980		NFA Area C Additional Area Drain and Backfill
DA-4382/CGMP18	0061	\$14,738		BWC - NFA - Suspended Way finding Type Signage for Escalator and
DA-4382/CGMP18	0062	\$6,931		BWC - NFA - Illuminating Bust of Mayor Bradley
DA-4382/CGMP18	0063	\$18,813		BWC - NFA - Arrivals Level North Courtyard Existing Light Poles
DA-4382/CGMP18	0064	\$31,438		NFA Cleaning and Graffiti Coating of 39 each Columns
DA-4382/CGMP18	0065	\$514		NFA Area C Existing Concrete Removal
DA-4382/CGMP18	0066	\$5,399		NFA Additional Sacrificial Nosing Pieces
DA-4382/CGMP18	0067	\$12,175		NFA Added Angles at Skylight Coping
DA-4382/CGMP18	0068		\$382,806	NFA - Issuance of Bulletin 6 Documentation
DA-4382/CGMP18	0069	\$1,419		NFA Area A Storm Drain Manhole Modification
DA-4382/CGMP18	0070	\$18,412		Area D French Drain Modification
DA-4382/CGMP18	0071	\$23,538		BWC - NFA Unforseen Conditions at Columns T11 - T26
DA-4382/CGMP20	0026	\$6,568		20.26 RENO - Phase 0 - DWP/BHS Yard - 4" Underground Fiber Optic Line
DA-4382/CGMP20	0027	\$6,435		BWC - RENO - Panelboard Changes Per Submittal 0062-RENO-0 Re
DA-4382/CGMP20	0028	\$16,748		BWC - Renovation - Phase"0" DWP/BHS Yard - Clarification of Auxilia
DA-4382/CGMP20	0029	\$24,782		BWC - Renovation - Phase "0" CBP North Offices - Additional IT Infra



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

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DA-4382/CGMP20	0030	\$7,284	BWC - Renovation - Phase "0" Conduits and Circuits for Baggage Rec
DA-4382/CGMP20	0031	\$74,030	BWC - RENO - Phase 0 - Electrical Homeruns From North Customs B
DA-4382/CGMP20	0032	\$22,001	BWC - Renovation - Phase "0" - Door Frame and Hardware Revisions
DA-4382/CGMP20	0033	\$4,789	BWC - R-Line Demolition - Level 3 Between Gridlines 40/41 and 57/58
DA-4382/CGMP20	0034	\$3,744	BWC - Renovation Phase "0" Busway Support - Custom Clips
DA-4382/CGMP20	0035	\$20,480	BWC - RENO Phase 0 BHS/DWP Yard Clarifications (Trench Drain, D
DA-4382/CGMP20	0036	\$959	BWC - RENO - Phase '0' - Level 1 Bump Out - Normal Power Homeru



# CHANGE ORDERS - Continued as of 6/30/2013

ΕI	ement
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Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
CUP Replacement Elen	nent				•
C001A - CENTRAL UTILI	TY PLANT				
DA-4554/0000	0132		(\$189,868)		Scope Modification at Bradley West Point of Connection
DA-4554/0000	0139		\$640,612		Bradley East Apron Ductbanks
DA-4554/0000	0151		\$184,152		Furnish and Install Evans Custom Consoles in CUP Control Room
DA-4554/0000	0152	\$140,007			Furnish and Install Unisource FFE in CUP and MB
DA-4554/0000	0153		\$205,526		Variable MEssage Board Procurement
DA-4554/0000	0155	\$131,195			LADWP Required Revisions to 2x5 LADWP Ductbank
Landside Element	·	·	·		

**S008A - VNY SOUNDPROOFING** 

DA-4643 0001 \$93,866 Allowance Adjustments and Miscellaneous Changes

**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	\$47,981,230	\$1,261,692	\$49,242,922	7.92%
FIELD CONDITIONS	\$14,948,520	\$2,803,201	\$17,751,721	2.86%
OWNER BETTERMENT	\$25,832,522	(\$9,458,597)	\$16,373,925	2.63%
CODE REQUIREMENT	\$3,640,606	\$123,868	\$3,764,474	0.61%
TOTAL	\$122,788,204	(\$5,269,836)	\$117,518,368	18.91%

<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 at the next available meeting.



## **Bradley West- CORE**

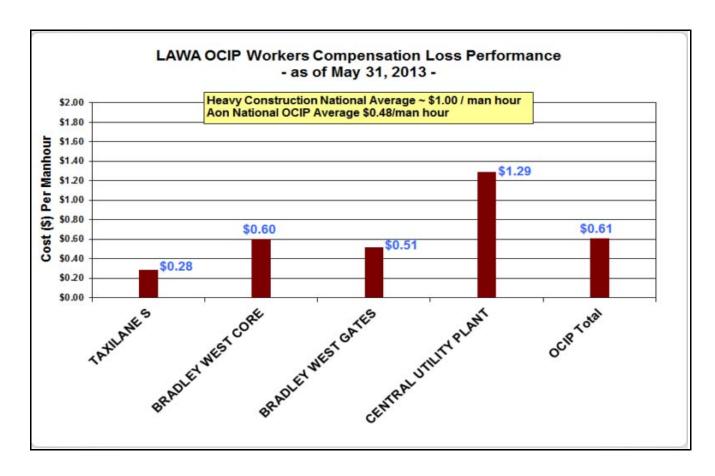
CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE)	APPROVED CHANGES (CUMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$30,046,807	\$0	\$30,046,807	4.83%
DOCUMENT CORRECTION	\$28,686,040	(\$2,269,096)	\$26,416,944	4.24%
FIELD CONDITIONS	\$11,136,418	\$808,340	\$11,944,758	1.92%
OWNER BETTERMENT	\$72,149,486	\$6,038,992	\$78,188,478	12.56%
CODE REQUIREMENT	\$6,077,897	\$247,470	\$6,325,367	1.02%
TOTAL	\$148,096,648	\$4,825,706	\$152,922,354	24.56%

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

Los Angeles
World Airports

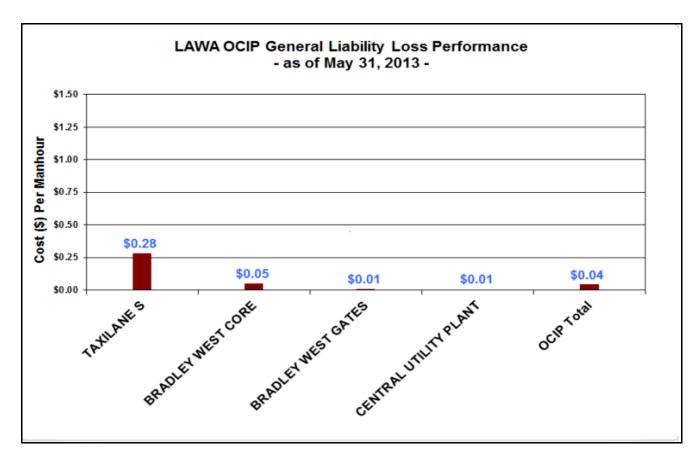
AIRPORTS DEVELOPMENT GROUP

OCIP as of 6/30/2013



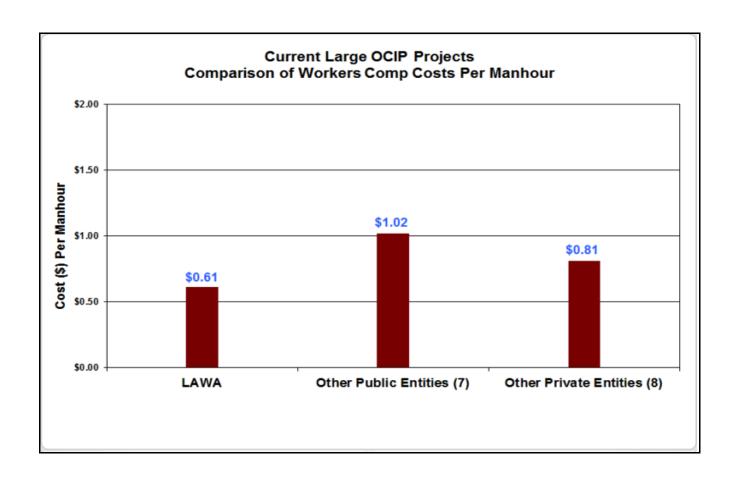


OCIP - Continued as of 6/30/2013





OCIP - Continued as of 6/30/2013





## MWBE/DBE

# **Subcontractor Utilization Summary Report**

### as of 6/30/2013

					Achieved Participation to Date*				
Firm	Contract No.	DBE or M/WBE Contract	Proposed Lev of Participation		M/WBE		DBE		Remarks
AECOM Technical Services, Inc.	DA-4260	DBE	12.00	%	N/A	%	21.14	%	
Arcadis	DA-4413	M/WBE	20.00	%	14.88	%	N/A	%	Limited scope of work authorized to date.
Atkins	DA-4515	DBE	24.00	%	N/A	%	27.06	%	
Atkins	DA-4679	M/WBE	11.50	%	13.77	%	N/A	%	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10	%	7.40	%	N/A	%	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00	%	10.23	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	13.21	%	6.13	%	
Hatch Mott MacDonald, LLC	DA-4275	DBE	19.56	%	N/A	%	19.62	%	
HNTB Corporation	DA-4709	DBE	10.80	%	N/A	%	12.19	%	
HNTB Corporation	DA-4748	M/WBE	20.00	%	10.85	%	N/A	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	26.49	%	N/A	%	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00	%	24.98	%	N/A	%	
Kimley-Horn and Associates	DA-4555	DBE	20.00	%	N/A	%	8.87	%	Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00	%	51.96	%	N/A	%	
Paslay Management Group	DA-4324	M/WBE	10.00	%	19.80	%	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	%	20.88	%	N/A	%	
W.E. O'Neil Construction Co. of California	DA-4712	M/WBE	9.60	%	1.32	%	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	%	20.92	%	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	%	15.51	%	N/A	%	
Total Participation:							14.82%	,	

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