

# **Airports Development**

**Executive Management** 

**Program Status Report** 



November 30, 2013



# **TABLE OF CONTENTS**

Project Status	3
Work in Progress	47
Schedule	56
Financial	64
OCIP	94
MWBE/DBE	97



# **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 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). Funds under this program do not include Grant funding provided to other jurisdictions for residential soundproofing projects.



# **ELEMENT OVERVIEW - Continued**

#### **Terminals Element**

Most of LAX's Terminals have been serving their purpose without major renovations or modernization efforts for 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. The Project Status Section for the Terminal Element is revised to report on three types of projects:

- o Terminal-wide Improvements that typically consist of similar types of work implemented across two or more terminals, such as the Elevator and Escalator Program, the IT/MPOE Room Project, and Americans with Disabilities Act (ADA) Enhancements;
- o Terminal-specific Improvements which typically address the enhancement and/or renovation of one or more parts of a specific terminal, such as the Terminal 2 Improvement, Terminal 3 Improvement, etc.; and
- o Tenant Improvement Projects that are typically a complex series of interrelated efforts, managed directly by the Tenant with close collaboration of LAWA, the Airlines and Concessions staff.

# **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 may complete over budget.

# **Schedule Status**

Substantial completion occurred June 30, 2012.



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

# <u>Issues</u>

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 may 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.

# **Construction Progress**

Demolition of Low Bay Hangar and Sky Chef Building and Deluge Systems Modifications Project: Evans Brothers Inc. substantially completed the construction of this enabling project on March 15, 2013; and LAWA's Final Acceptance of the contract was filed at the County Recorder's Office on June 3, 2013.

Taxiway T – Phase 1 Project:

The Board awarded the construction contract to Coffman Specialties on April 2, 2013; and NTP for mobilization was issued on May 13, 2013. The NTP for field construction of Taxiway T and apron work was issued on September 9, 2013; and construction is 25% complete.



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

# **Budget Status**

The project is tracking on budget.

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

# **Schedule Status**

Project is tracking on schedule.

# <u>Issues</u>

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



# 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 2013, 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 Design is 100% complete.

# **Construction Progress**

The Board approved the Authorization to Advertise for construction bids during the September 17, 2013 meeting.

# **Budget Status**

The project is trending on budget; and the impact of the Issue (below) is being determined.

# **Schedule Status**

The schedule is being revised to reflect the revised implementation scenario described in the Issues (below).

# <u>Issues</u>

This project was planned to be bid and constructed in conjunction with the Southside Runway 25R/7L RSA project. LAWA Management has decided to de-couple the Runway 25R/7L and Taxiway B Rehabilitation work from the west end Runway 25R/7L RSA work. This is due to concerns that the existing Runway 25L pavement may not be able to take the increased aircraft traffic loads during the full Runway 25R/7L closure necessary to perform the rehabilitation work. The Runway 25R/7L and Taxiway B Rehabilitation work has been deferred until a later date when the condition of the Runway 25L pavement can be evaluated and remediated.



# 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 Design is 100% complete.

# **Construction Progress**

The Board approved the Authorization to Advertise for construction bids during the September 17, 2013 meeting; and the Notice Inviting Bids (NIB) was issued on November 27, 2013.

# **Budget Status**

The project is trending on budget; and the impact of the Issue (below) is being determined.

# **Schedule Status**

The schedule is being revised to reflect the revised implementation scenario described in the Issues (below).

# <u>Issues</u>

This project was planned to be bid and constructed in conjunction with the Southside Runway 25R/7L RSA project. LAWA Management has directed ADG to revise the plans decoupling the Runway 25R/7L and Taxiway B Rehabilitation work from the west end Runway 25R/7L RSA work. This is due to concerns that the existing Runway 25L pavement may not be able to take the increased aircraft traffic loads during the full Runway 25R/7L closure necessary to perform the rehabilitation work. ADG has revised the design drawing and issued NIB for the west end Runway 25R/7L RSA work on November 27, 2013. The east end Runway 25R/7L and Taxiway B Rehabilitation work has been deferred until a later date when the condition of the Runway 25L pavement can be evaluated and remediated.



# **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**

Design is 100% complete.

# **Construction Progress**

The bids were received on October 24, 2013 and have been reviewed. It is anticipated the recommendation to award the construction contract will be presented to the Board in December 2013.

# **Budget Status**

LAWA received an FAA AIP grant for 80% of the construction cost for this project in September 17, 2013.

The price proposal from the apparent low-bidder exceeds the engineer's estimate for this scope of work; and ADG is currently evaluating the budget impact.

# **Schedule Status**

The project is trending 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**

The Bradley West Terminal became operational on September 18, 2013. A Certificate of Partial Acceptance has been issued to the contractor. The project team continues to pursue Final Acceptance of the project.

# **Budget Status**

With the project now approaching final acceptance, a concentrated effort is underway to close out outstanding issues and to negotiate them to bring the final project cost within budget. LAWA has received a significant number of change orders, which are progressing through the merit review and negotiation phases. The budget may indicate negative variances as these change requests are merited and negotiated.



# **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 Actual Date: 9/18/13

# <u>Issues</u>

The Bradley West Terminal became operational on September 18, 2013. A Certificate of Partial Acceptance has been issued to the contractor. The project team continues to pursue Final Acceptance of the project.



# **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**

The Bradley West Terminal became operational on September 18, 2013. A Certificate of Partial Acceptance has been issued to the contractor. The project team continues to pursue Final Acceptance of the project.

# **Budget Status**

With the project now approaching final acceptance, a concentrated effort is underway to close out outstanding issues and to negotiate them to bring the final project cost within budget. LAWA has received a significant number of change orders, which are progressing through the merit review and negotiation phases. The budget may indicate negative variances as these change requests are merited and negotiated.

# **Schedule Status**

Milestone #3 – New Core Construction Complete Target Date: May-2013 Actual Date: 9/18/13

# Issues

The Bradley West Terminal became operational on September 18, 2013. A Certificate of Partial Acceptance has been issued to the contractor. The project team continues to pursue Final Acceptance of the project.



# 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**

This project has been combined with the Second Level Roadway (SLR) and the New Face of the CTA (NFCTA) Phase 2 Construction Management At Risk (CMAR) Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals were received on September 19, 2013. Interviews were held on October 17, 2013. Invitations to price sent on October 28, 2013 with pricing submissions due on November 21, 2013. Pricing Packages were submitted and LAWA is currently evaluating the packages.

# **Budget Status**

The price proposal from the apparent low-bidder exceeds the engineer's estimate for this scope of work; and ADG is currently evaluating the budget impact.

# **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: The artwork was installed October 1-16, 2013. Lighting for the artwork has been on hold as the artists' initial proposed lighting scheme did not meet LAWA's standards and requirements; ADG requested the artists revisit a lighting scheme after installation of the artwork. In early November, the artists rented lights and conducted lighting tests with First Circle, their lighting consultant, to develop a revised lighting scheme. The artists submitted their revised lighting scheme to ADG on November 21; ADG approved it on December 3. The artists also submitted their maintenance manual (required for the final milestone payment).

Pae White: Fabrication has been delayed due to design resolution for the brackets that hold multiple cords (up to 75 or 80 cords). Carlson (fabricator and installer) received the final design of the bracket in early November and has submitted a design package (bays and bracket designs) to LADBS for an expedited permit. A duplicate set was provided to LAWA so that Fentress and JAMA could review the documents simultaneously.

Mark Bradford: The permit set is pending the structural response. Architectural, MEP, and Fire Protection are all finalized. Lexington (fabricator and installer) is preparing the shop drawings.



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

# **Construction Progress**

Ball-Nogues Studio: Artwork installation was completed on October 16. Once the artwork was installed, the artists addressed a new lighting plan. ADG approved the artists' revised lighting scheme, provided the artists prepare a work plan, schedule and submit an ASR and USR; comply with administrative and insurance requirements; and be responsible for all costs related to the procurement and installation of the lighting. The fixtures require a 12-week lead time; installation will be at night; and LAWA requires the artists to obtain a permit for the electrical scope.

Pae White Studio: Once the permit is obtained, Carlson will order materials, hopefully before the end of the year. The brackets will be fabricated in China. Carlson has worked with the vendor before and has high confidence in them. Carlson will start the installation in the South Corridor and use two teams to install brackets and cords.

Mark Bradford: The fire tests are complete and the artwork received a Class B, which meets code. Fabrication is expected to start in December. Art panel milling preparation is underway. The frame fabrication will begin in early 2014. Lexington is estimating three and half months to four months for fabrication and nine weeks for installation.

# **Budget Status**

Ball-Nogues has received their fourth milestone for completion of artwork fabrication. Their final invoice, for completion of artwork installation, was contingent on an approved lighting plan. In addition, the final invoice will reflect deductions for the installation of the post supports by WAJV and the construction and demolition of the barricade for the work space. Pae White and Mark Bradford have received their third milestone payments. This project is tracking to the budget.

# **Schedule Status**

Ball Nogues: Installation of the artwork took two weeks, well under schedule. The artists are now working on a schedule to install the lighting.

Pae White: Fabrication is behind schedule by approximately three months. Carlson will stress the schedule with the bracket vendor (in China) and push them as much as possible. Carlson informed the team that business slows down for three weeks in China during Chinese New Year. In order to advance the schedule, Carlson may expedite the shipping of the brackets from China (e.g. air freight). The team will hold monthly meetings with the artist, Carlson, LAWA, and DCA starting in mid-December. At this time, Carlson estimates installation will be completed by mid-October 2014.

Mark Bradford: Depending on the TBIT construction process, the Artist's project is anticipated to complete on schedule with an installation occurring May-June 2014.



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

# <u>Issues</u>

For Pae White, there has been some discussion about the nightly installation window available to Carlson; a four-hour minimum per night is required. Since Carlson is on a fixed budget, they will do as much pre-stringing off site. Our team will need to coordinate closely with Operations on the daily flight schedule and with MSD/Facilities Management on the night cleaning crew.

The other issue for Pae White is the schedule; the east gates open in August 2014. Carlson will create a more detailed schedule with finish dates for each gate. At this time, Carlson estimates installation will be completed by mid-October 2014.



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

# **Project Description**

This project enables the operation and use of the east gates at Bradley West, improves customer service and convenience within the existing Tom Bradley International Terminal (TBIT) core building and improves the terminal's infrastructure to better meet current and future demand. This project represents the last phase of construction associated with the new Bradley West facility where the overall project scope of work includes:

Existing TBIT core renovation, which will include temporary and permanent passenger security screening checkpoints (SSCP);

Apron and concourse demolition and the construction of apron paving; and

Bradley West Connection between the existing TBIT Core to the new Bradley West Core.

# **Planning and Programming Status**

The Project Definition phase is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

LAWA issued an administrative Notice-to-Proceed (NTP) on September 9, 2013 and a construction NTP on November 12, 2013. Construction is anticipated to start in December 2013.

# **Budget Status**

The project is trending to budget.

# **Schedule Status**

The project is tracking on schedule.

# <u>Issues</u>



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

# **Project Description**

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

will include new plant material in planters at the Departures level that overlook Arrivals.

# **Planning and Programming Status**

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 on-going; and expected to be complete in December 2013.

# **Budget Status**

The project is trending on budget.

# **Schedule Status**

Construction was completed in June 2013. Punch list and nominal training activities are on-going; and expected to be complete in December 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**

Formal training of CUP personnel continues; and about 35% of the total training has been performed. Feedback and grade sheets continue to indicate a high rate of knowledge transfer and information retention.

# **Construction Progress**

The Replacement CUP interior finish work continues to progress. Permanent light fixtures are being installed and temporary construction fixtures are being removed, permanent doors and their various hardware package are being hung and outfitted, final floor coverings and finishes are on-going throughout the facility and furniture deliveries are well underway with desks, file cabinets, conference room tables, plan tables and flat plan files all delivered and in the process of being assembled and set in their respective locations. The Design-Builder continues to work with LADBS and the Fire Marshal to gain permission to occupy the facility with, at the very least, a Temporary Certificate of Occupancy before the close of 2013.

# **Budget Status**

This project is tracking to budget.



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

# **Schedule Status**

The Phase 2 milestone is currently 88-days behind schedule; and mitigation strategies are being developed with the contractor.

# <u>Issues</u>

See Schedule Status above.



# UTILITIES & 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 60% design package was submitted and reviewed by LAWA on November 15, 2013. The 90% design package is in development and to incorporate the potholing investigation data collected in order to show new utilities profiles.

# **Construction Progress**

Subsurface potholing investigation began at midnight, Sunday October 27, 2013. Work continued throughout November 2013. All the data collected will be provided to the design engineer to be incorporated into the ongoing 90% design package.

# **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**

Design is complete.

The RTI has been issued by the Department of Building and Safety for this project on October 17, 2013.

# **Construction Progress**

This project has been combined with the Second Level Roadway (SLR) and the New Face of the CTA (NFCTA) Phase 2 Construction Management At Risk (CMAR) Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals were received on September 19, 2013. Interviews were held on October 17, 2013. Invitations to price sent on October 28, 2013 with pricing submissions due on November 21, 2013. Pricing Packages were submitted and LAWA is currently evaluating the packages.

# **Budget Status**

The price proposal from the apparent low-bidder is in-line with the engineer's estimate for this scope of work.

# **Schedule Status**

The project is tracking on schedule.

# <u>Issues</u>

See Budget Status above.



# **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**

Design is 100% complete.

# **Construction Progress**

The Board awarded the contract to the Griffith Company on August 20, 2013; and the Pre-Construction scheduling meeting was conducted on September 19, 2013. The NTP was issued on October 7, 2013.

The contractor has mobilized on site; and commenced the removal operation.

# **Budget Status**

This project is tracking on budget.

# **Schedule Status**

The project is tracking on schedule.

# <u>Issues</u>



# **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 100% complete.

# **Construction Progress**

On December 17, 2012, the Board awarded the contract to Asbestos Instant Response, Inc.; and Notice to Proceed was issued February 20, 2013.

The work is complete for the initial seventeen (17) properties and the additional two (2) properties. Project close-out activities are underway.

# **Budget Status**

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

# **Schedule Status**

The project is was completed on schedule.

# Issues



# LANDSIDE ELEMENT - CTA - Landside Accessibility Improvements - Phase 2 (L018A)

# **Project Description**

The project will correct 263 of the 563 ADA deficiencies in the Central Terminal Area as identified by the 2010 Accessibility Study; the remaining 300 ADA deficiencies were either included in the "LAX CTA Landside Accessibility Improvements - Phase 1" project or are being resolved as part of another LAWA project. The majority of Phase 2 work will involve repairing/replacing curb ramps, striping, signage and sidewalk.

# **Planning and Programming Status**

The Project Definition phase is complete.

# **Design Progress**

LAWA is reviewing the available options to procure design services.

# **Construction Progress**

The construction contract is not yet awarded.

# **Budget Status**

The project is trending on budget.

# **Schedule Status**

The project is trending on schedule.

# <u>Issues</u>



# **LANDSIDE ELEMENT - 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 and canopy extension from TBIT to T3 and T4.

# **Planning and Programming Status**

The project definition phase is complete.

# **Design Progress**

Tom Bradley International Terminal Canopy Extension drawings have been submitted to Los Angeles Department of Building and Safety (LADBS).

The RTI has been issued by the Department of Building and Safety for this project on 10/2/13.

# **Construction Progress**

This project has been combined with the Second Level Roadway (SLR) and the New Face of the CTA (NFCTA) Phase 2 Construction Management At Risk (CMAR) Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals were received on September 19, 2013. Interviews were held on October 17, 2013. Invitations to price sent on October 28, 2013 with pricing submissions due on November 21, 2013. Pricing Packages were submitted and LAWA is currently evaluating the packages.

# **Budget Status**

The price proposal from the apparent low-bidder exceeds the engineer's estimate for this scope of work; and ADG is currently evaluating the budget impact.

# **Schedule Status**

The project is trending on schedule.

# <u>Issues</u>

See Budget Status above.



# 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 96% 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.

# <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 complete.

# **Construction Progress**

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

Priority II - Procurement - Fabrication is at 77%. Thirty units in service.

Priority II-IV Site Mods - See Schedule Status below.

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

Parking Structure MRL Elevators - Bids were due on November 19, 2013.

# **Budget Status**

Kone's last remaining item has been resolved and closeout of the construction contract paperwork is complete. Kone's 1 year warranty is complete. The 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. The first 30 units have been returned to service and 18 units are currently under construction.

# <u>Issues</u>

The time extension change order for Schindler to complete their contract work has a CAO report and is scheduled for City Council in December 2013.



# **TERMINAL ELEMENT - Terminal MPOE and IT Room Expansion (T014A)**

# **Project Description**

This project implements twenty-five (25) Terminal Main 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

#### Terminal 2:

The Design Notice to Proceed (NTP) for Terminal 2 scope for 4 new rooms (2105, 2106 both in the western arrival area, 2107 east arrivals and 2108 FIS) was issued on January 25, 2013; and 60% design submittal was received in April 2013. The 90% design development and final specifications were received in July 2013; and the project team review is complete for 90% design package. Designer will incorporate comments from all stakeholders and for the IT/MPOE room expansion room no. 2107 and design package of plans at 90% was issued on October 25, 2013.

#### Terminals 3, 4, 5, 6, 7 & 8:

The on-call Architectural/Engineering is designing for Terminals 3, 4, 5, 6, 7 and Terminal 8. The full design Task Order was issued in September 27, 2013 to complete design services of Terminals 3, 4, 5, 6, 7 and 8; and the 60% Design Development is underway.

# **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:

The Terminal 2 Team has developed a detailed phasing plan and implementation schedule that constructs these rooms concurrently with the Terminal 2 Improvements Program.

#### Terminals 3, 4, 5, 6, 7, 8

The construction packaging for these terminals is being defined so as to ensure the key stakeholder dates are met while maximizing the contractor's efficiency. The design schedule will be revised to reflect the packaging, as necessary.



# TERMINAL ELEMENT - Terminal MPOE and IT Room Expansion (T014A) - Continued

# **Budget Status**

Terminal 2:

As the design has progressed to the 90% submittal and the room locations and layouts are defined, the Terminal 2 IT rooms are exceeding the original budget. The contractor has prepared a CGMP package; which the Airport Development Group (ADG) is planning to submit to the Board in January 2014.

Terminal 3, 4, 5, 6, 7 & 8:

The project budget will be re-evaluated as the project team completes the field surveys and the designer progresses the 60% submittal.

# **Schedule Status**

The project is trending on schedule.

# Issues



# **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 designs for Terminals/Parking Structures 2, 6, 1, 3, 4, 5 and 7 are complete. ADG issued Notices to Proced (NTPs) for Terminal 3/Parking Structure 3 and Terminal 4/Parking Structure 4 on November 18, 2013. General Services Division will provide an estimate for Terminal 7/Parking Structure 7 by January 2014.

The design for General and Miscelleneous Improvements at World Way East Entry was completed in November 2013; And General Services Division will provide an estimate by January 2014.

# **Construction Progress**

Phase 1A - Construction was 100% completed on October 24, 2013.

Phase 1B/1C - The recommendation to award was approved on June 18, 2013; and the Notices to Proceed for Terminals/Parking Structures 2 and 6 were issued on July 16, 2013. Construction at Terminal 2 began on August 19, 2013; and is 87% complete. Construction at Terminal 6 began on September 19, 2013 and is 65% complete.

ADG issued Notices to Proceed for Terminal 3/Parking Structure 3 and Terminal 4/Parking Structure 4 on November 18, 2013. ADG will issue the Notice to Proceed for the next terminal/parking structure package after satisfactory progress is made on Terminal 3/Parking Structure 3 or Terminal 4/Parking Structure 4.

# **Budget Status**

The project is tracking on budget.



# **TERMINAL ELEMENT - ADA Accessibility Improvements (T016A) - Continued**

# **Schedule Status**

The project is tracking on schedule.

# Issues

This project scope includes movement of pedestrian push buttons and pedestrian signals which belong to the City of Los Angeles's Department of Transportation. Movement of such equipment requires the preparation of signal plans. The New Face of the CTA project also involves signal plans for work on traffic signals in the same areas. The New Face of the CTA project team has agreed to incorporate our signal plans into theirs. The portion of work in this ADA Accessibility Improvements project involving the Department of Transportation's equipment will likely be constructed by the New Face of the CTA project. The methodology for transferring this scope from one project to another will be finalized once the New Face of the CTA contract is awarded.



# **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 100% completed.

# **Construction Progress**

Stair 61 and installation of enclosure 57 at Terminal 5 is ongoing. Other exit signs and door hardware installation is ongoing.

# **Budget Status**

The project is tracking on budget.

# **Schedule Status**

To minimize duration of Gate shutdown and also reduce impact to ramp operation at Terminal 5, installation of stairs and 2-hour shaft enclosure will be done intermittently to accommodate airport operations; all work is to be completed by November 2014.

# <u>Issues</u>

See Schedule Status above.



#### **Project Description**

# TERMINAL ELEMENT – Terminal 2 Improvements

Terminal 2 is the second largest international terminal at LAX. In 2012, Terminal 2 served approximately 4.6 million international passengers. The terminal is approximately 30-years old and in need of improvements. LAWA has initiated a Terminal 2 Improvement Program designed to significantly improve the Terminal's level of service. This improvement program will provide major upgrades to the ticket lobby, baggage screening, bag claim, and concourse areas, as well as construction of all new concessions and upgrades of all systems (electrical, mechanical, telecom, etc.) that serve the terminal.

#### Planning and Programming Status

The Project Definition phase is nearing completion.

#### **Design Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

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. A design finishes workshop was conducted in September 2013 and design direction was issued. The design team will focus on updating the 60% design to the approved finishes level; and anticipates issuing the 90% deliverable in December 2013.

#### Systems Upgrades:

The Notice to Proceed (NTP) for design services was issued on March 19, 2013. The 60% design submittal was completed in August 2013; and the 90% design deliverable was submitted on October 25, 2013. The contractor is preparing a CGMP package; which Airport Development Group (ADG) anticipates finalizing in December 2013 for presentation to the Board in January 2014.

#### **Construction Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

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

#### Systems Upgrades:

The Component Guaranteed Maximum Price (CGMP) for the electrical panel field survey and load testing was presented to the Board and approved on August 20, 2012. The subcontractors are proceeding through the contract approval and badging and continue presenting key construction submittals.



### **Budget Status**

# TERMINAL ELEMENT – Terminal 2 Improvements - Continued

#### Ticketing Area / Bag Claim / Restroom Renovation:

The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. The project budget will be revised as the design submittal is advanced.

#### **Systems Upgrades:**

As part of the electrical upgrade field survey, the Terminal 2 team has identified additional work that will be required for compliance to current Los Angeles Building Code and manufacture operational temperature levels for warranty. The project budget will be revised as the design submittal is advanced; and it is likely the project cost will increase.

#### **Schedule Status**

Project is tracking on schedule.

#### **Issues**

As described within the Budget Status section above, continued scope refinement within both the aesthetic package and the systems package, is likely to impact the budget.



#### **Project Description**

# **TERMINAL ELEMENT – Terminal 3 Improvements**

Terminal 3 is approximately 30-years old; and LAWA has initiated an Improvement Program designed to improve the passenger experience. The improvements consist of aesthetic improvements, such as terrazzo flooring, new ceiling and lighting treatments within the Ticketing Lobby; new gate counters and information technology improvements in the Satellite Area; and public restroom renovations.

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

The Project Definition phase is complete.

### **Design Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

Design for the Ticketing Lobby and the Satellite area is 100% complete. The design task order for the restroom renovation work is prepared and being negotiated with the designer.

#### **Construction Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

The Ticketing Lobby and the Satellite area construction was completed in February 2013. The restroom renovation work is planned to occur in 2014.

#### **Budget Status**

The Ticketing Lobby and the Satellite area construction was completed within budget in February 2013. The restroom renovation work is being planned in 2014; and the budget will be established as the scope and design details are refined.

#### **Schedule Status**

Project is tracking on schedule.

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

As described within the Budget Status section above, the restroom renovation work is being planned in 2014; and the budget will be established as the scope and design details are refined.



# **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 Contractor is advancing the design document development; and anticipates completing the 100% Construction Document by December 2013. Overall design is 90% complete.

Design Package Status:

- 1. Gate 41 Improvements 100% complete.
- 2. Building Foundations 100% complete.
- 3. Structural Steel 90% complete. 100% planned for December 2013.
- 4. Site Utilities 90% complete. 100% planned for December 2013.
- 5. Primary Building 40% complete. Design review is on-going.

#### **Construction Progress**

The Temporary Interline effort began September 18, 2013; and current construction activities include airfield striping and barricade layout. Overall construction progress is 10% complete.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

LAWA reviewed and approved the Contractor's revised baseline submittal in October 2013; and the project is tracking on schedule.

#### Issues

None at this time.



#### **Project Description**

# TERMINAL ELEMENT – Terminal 6 Improvements

The Systems Upgrade project consists of rebuilding or replacing approximately 204-panels and 22 Electrical Rooms and 43 other terminal locations. The project also involves the addition 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 that assumption will be verified through a field investigation and survey.

#### Planning and Programming Status

The Project Definition phase is underway.

### **Design Progress**

The designer submitted their revised cost proposal for Design Services and it is being reviewed by LAWA. The task order for full design services is anticipated to be issued in December 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.

#### **Budget Status**

The project is tracking to budget, though the Issue outlined below may have an impact.

#### **Schedule Status**

Project is tracking on schedule, though the Issue outlined below may have an impact.

#### **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. It appears there may be additional work required for compliance to current Los Angeles Building Code. The team is working to mitigate any potential schedule or cost impact.



#### **Project Description**

# **TERMINAL ELEMENT – Terminal 7/8 Improvements**

LAWA Airports Development Group (ADG) is managing the design services for the renovation of fifteen (15) restrooms in the terminal. The construction will then be completed by United Airlines as part of their major renovation program.

### **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

LAWA is managing the restroom renovation design; and the 60% submittal is anticipated in December 2013.

#### **Construction Progress**

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

## **Budget Status**

The restroom renovation design is proceeding within budget.

### **Schedule Status**

The restroom renovation design is proceeding within schedue.

#### ssues

None at this time.



# 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 1 (TI01)**

### **Project Description**

Southwest Airlines is preparing a major renovation program for Terminal 1. These renovations include: improvements to the passenger security screening checkpoint; the design and implementation of a new inline Checked Baggage Inspection System (CBIS) and baggage sorting system; upgraded holdrooms and associated building infrastructure; refurbished arrival/baggage claim area; replacement of the passenger boarding bridges; renovations to airline support office space; and the replacement of aircraft paving sections and associated fuel hydrant pit locations.



# **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.



# TENANT IMPROVEMENTS ELEMENT - Terminal 7/8 (TI07)

#### **Project Description**

United Airlines is preparing a major renovation program for Terminal 7/8. These renovations include: improvements to the passenger security screening checkpoint; the design and implementation of a new inline Checked Baggage Inspection System (CBIS) and baggage sorting system for Terminals 7 and 8; upgraded holdrooms and associated building infrastructure; refurbished arrival/baggage claim area; replacement of the passenger boarding bridges; renovations to airline support office space; and constructing a new premium passenger lounge and support office space.



## **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 180,000 sq. yards (37 acres of aircraft apron) that will be between the west side of Taxiway AA and the east side of Pershing road; south of World Way West Road toward 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, apron pavement, edge lighting, signage, flood lighting, wash rack and recycling system, Remain Overnight Parking (RON) kits (ground power, potable water, pre conditioned air), vehicle charging stations, storm drainage, etc.

#### Issues / Status

The Project Definition phase is nearing completion.



# **WORK IN PROGRESS – Orange Line FlyAway Bus Lane**

### **Project Description**

This project provides the site improvements needed to establish a new FlyAway site near the Woodley Avenue/Victory Boulevard transit stop along the Orange Line busway. The project primarily consists of the construction of a bus turnout lane ("bus bay") on the south side of Victory Boulevard east of Woodley Avenue. The length of the new lane is approximately 100' and 16'wide. The project also includes the construction of a sidewalk, relocation of the existing bike path and installation of a FlyAway bus shelter.

#### **Issues / Status**

The Project Definition phase is complete.



# 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.



# **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 complete; and pre-design activities are underway.



# 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 up to 11 new aircraft gates for Group V and VI aircraft, such as the Airbus A380 and the Boeing 747-8. The project may also include taxiway/taxilane improvements, utility improvements, and other work as described in the Notice of Preparation of an Environmental Impact Report (released February 8, 2013).

#### **Issues** / Status

The Project Definition phase is underway.



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

### **Project Description**

The Bradley West project provides an opportunity for LAWA to salvage fifteen (15) Passenger Boarding Bridges (PBBs) and associated equipment manufactured between 2006 and 2009; and relocate them to select location at Terminals 2, 3 and 6, where the existing equipment is in poor condition. Staff also identified there (3) additional bridges in these terminals that could be modified to extend their useful life and three (3) bridges that require demolition due to the age and condition of the equipment. In total, the PBB Relocation work will address twenty-one (21) PBBs at LAX.

#### **Issues / Status**

The Component Guaranteed Maximum Price (CGMP) for the first phase of this project was approved by the Board in August 2013. The first phase of the work will secure design and construction services to salvage, renovate, transport and eventually install fifteen (15) PBBs from Bradley West to Terminals 2, 3 and 6. Six additional bridges in Terminals 2, 3 and 6 will either be modified in place or demolished. Removal of the bridges is scheduled for the fourth quarter of 2013; and installation of the renovated PBBs will occur after the foundation and other site work is completed as Phase 2 of this project.

The contractor has completed mobilization. The PBBs are removed from the South TBIT concourses; and the PBB Refurbishment Study is being reviewed by LAWA.

The second phase of this project will address site utility and infrastructure changes required to support the PBBs at their new locations. Design development is underway for this phase of the work, which includes all other needed structural changes related to new PBB pedestals, electrical changes to support pre-conditioned air, 400 Hz power and potable water on the PBBs.



# **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 complete; and pre-design activities are underway.



# WORK IN PROGRESS – TERMINAL 2 STANDBY POWER PROJECT

# **Project Description**

This project provides 100% standby emergency power for Terminal 2 in the event of a power outage, allowing the power to remain fully operational.

### Issues / Status

The Project Definition phase is complete; and pre-design activities are underway.



## PROGRAM MASTER SCHEDULE OVERVIEW

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

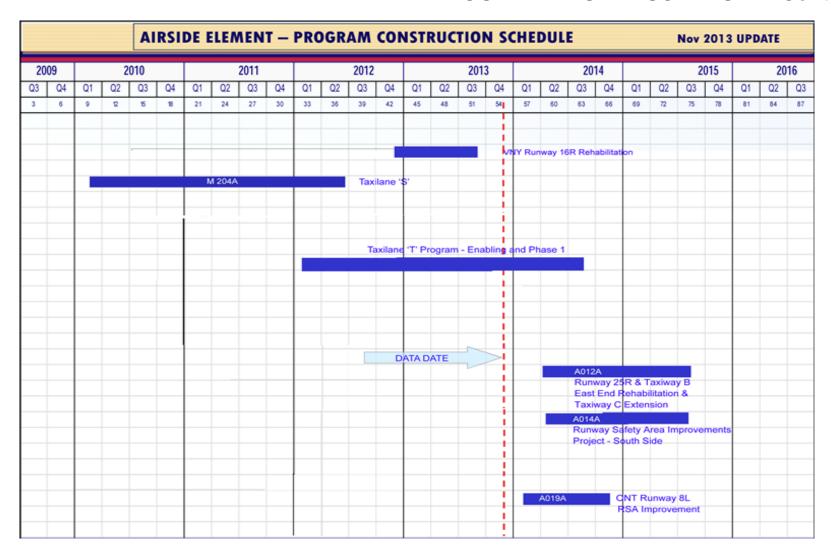
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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.

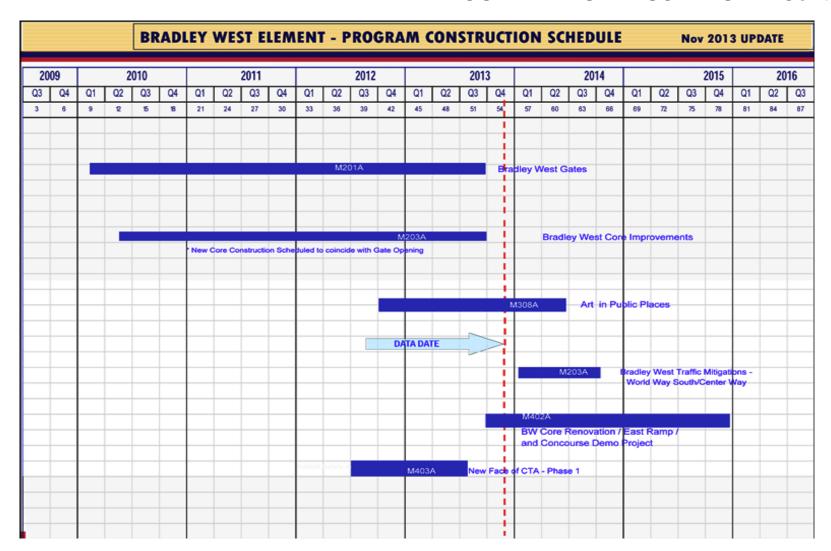
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

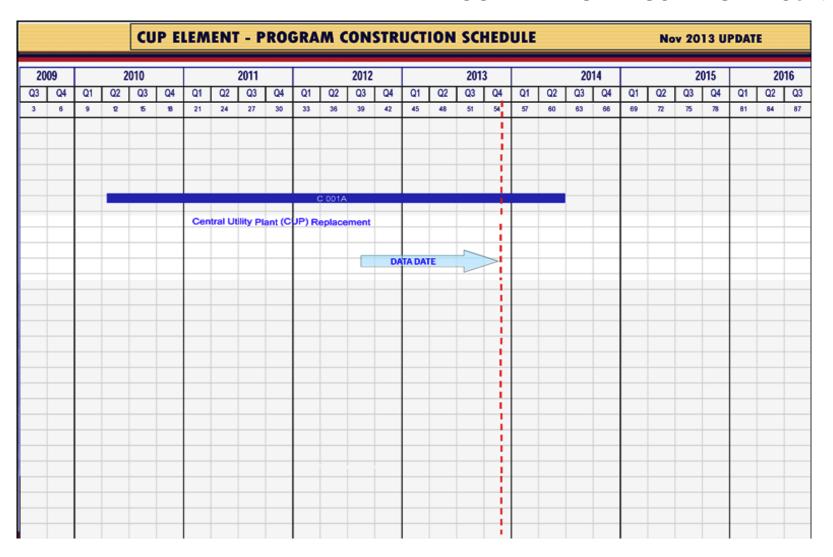




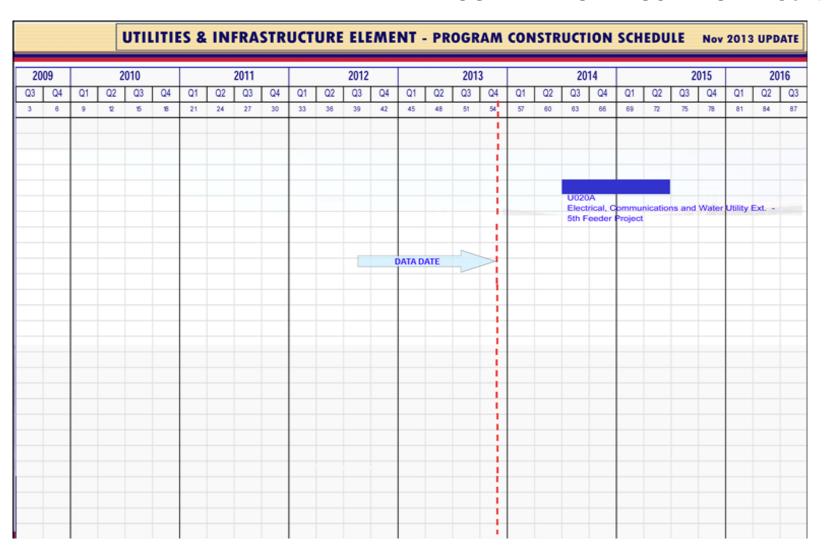




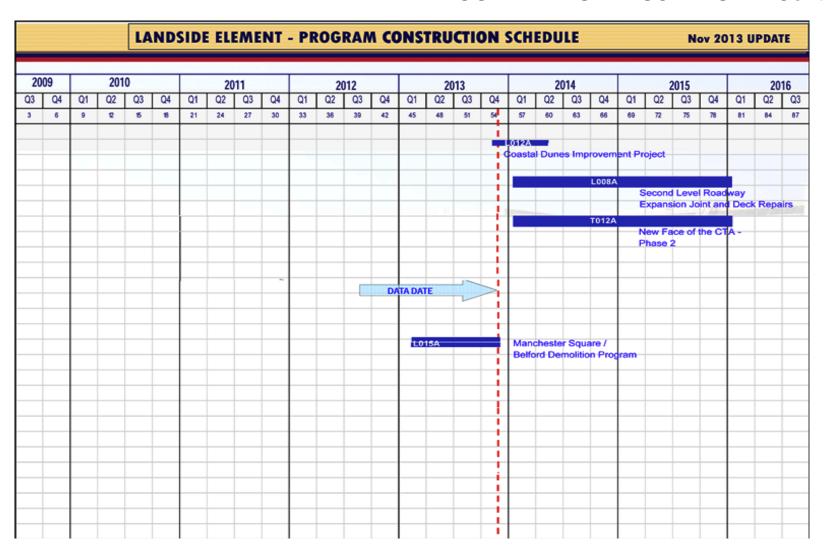




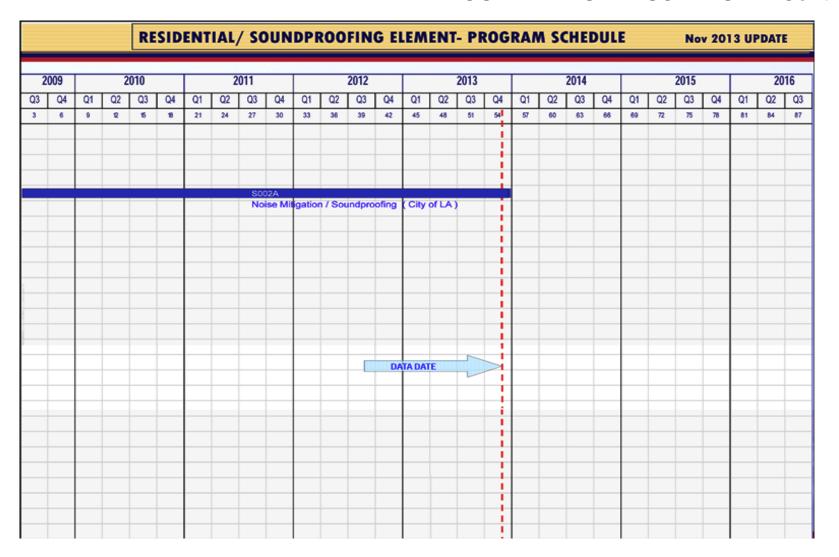




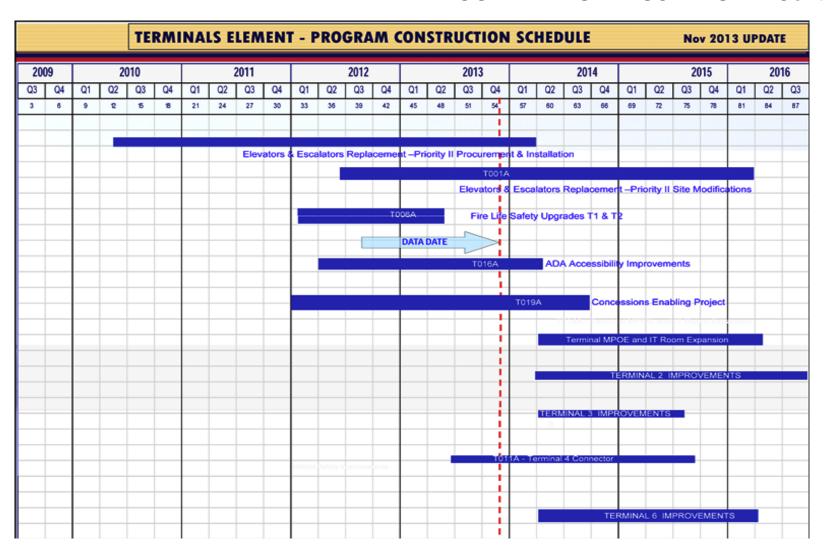














### **BUDGET OVERVIEW**

#### **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. "Incurred to Date" information is based upon data derived from ADG's Project Management System which may reflect amounts different from LAWA's accounting systems due to the timing of expense recognition or other accounting practices.

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 11/30/2013

			(dollars in thousa	ands)				
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	492,110	414,609	369,379	476,197	15,913	78%	73%
Bradley West Element	2,040,915	2,075,776	1,906,548	1,542,884	2,026,025	49,751	76%	50%
CUP Replacement Element	423,835	416,406	375,644	312,281	405,404	11,002	77%	44%
Utilities & Infrastructure Element	8,175	13,994	13,723	13,723	13,723	271	100%	100%
Residential/Soundproofing Element	180,000	160,000	155,139	151,863	160,000	0	95%	0%
Terminal Element	270,000	240,035	195,318	109,410	233,696	6,339	47%	15%
CB1-Unallocated Contingency	N/A	33,543	N/A	N/A	N/A	N/A	NA	N/A
		3,431,865	3,060,981	2,499,540	3,315,045	83,276	N/A	N/A
Capital Budget 2								
Airside Element	167,864	164,959	48,403	43,530	149,351	15,609	29%	5%
Utilities & Infrastructure Element	12,544	12,544	1,054	92	11,314	1,230	1%	0%
Landside Element	104,619	119,854	16,301	12,904	104,790	15,064	12%	73%
Residential/Soundproofing Element	1,317	1,124	1,124	1,124	1,124	0	100%	100%
Terminal Element	247,723	244,360	106,715	24,791	251,655	(7,295)	10%	5%
CB2-Unallocated Contingency	N/A	10,875	N/A	N/A	N/A	N/A	N/A	N/A
		553,716	173,597	82,441	518,233	24,608	N/A	N/A
Subtotal		3,985,580	3,234,578	2,581,981	3,833,279	107,884	N/A	N/A
				1				
Work in Progress	N/A	0	30,120	20,828	N/A	N/A	N/A	N/A
	N/A	0	30,120	20,828	N/A	N/A	N/A	N/A
Program Total	N/A	3,985,580	3,264,698	2,602,809	N/A	N/A	N/A	N/A

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

<sup>2.</sup> This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts of multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems due to the timing of expense recognition or other accounting practices and should not be relied upon for relied upon for investment purposes.



# AIRSIDE ELEMENT BUDGET REPORT as of 11/30/2013

	(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	158,778	151,965	161,956	86	94%	49%		
M306A	Taxilane 'T'	96,500	145,284	74,280	36,602	132,687	12,598	28%	22%		
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	M209A-Construction Support Facilities	14,790	9,475	8,096	7,484	8,096	1,379	92%	57%		
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	492,110	414,609	369,379	476,197	15,913	78%	73%		
	Capital Budget 2										
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	211	211	67,802	5,404	0%	0%		
A014A	Runway Safety Area Improvements Project - South Side	43,238	43,238	8,417	7,955	40,142	3,095	20%	0%		
A019A	ONT Runway 8L RSA Improvement	4,467	4,467	573	353	4,147	320	9%	0%		
Close-out	A010A-Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	5,065	5,065	5,065	5,065	0	100%	100%		
Close-out	A010B-Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,598	2,521	2,521	413	100%	18%		
Close-out	A016A-VNY Runway 16R Rehabilitation	20,483	20,483	17,910	15,599	17,432	3,051	89%	0%		
Close-out	A018A-Taxilane D-10 Reconstruction	9,062	9,062	7,714	7,451	7,426	1,636	100%	0%		
Close-out	L014A-AOA Perimeter Fence - Phase 4	6,506	6,506	5,916	4,374	4,816	1,690	91%	3%		



# AIRSIDE ELEMENT BUDGET REPORT as of 11/30/2013

	(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										
	Capital Budget 2 Total	167,864	164,959	48,403	43,530	149,351	15,609	29%	5%		
	Airside Total	674,674	657,070	463,013	412,908	625,548	31,522				

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



# BRADLEY WEST ELEMENT BUDGET REPORT as of 11/30/2013

				(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
	BRADLEY WEST							<u> </u>	
	Capital Budget 1								
M201A	Bradley West Gates	906,474	872,931	822,545	776,742	856,318	16,613	91%	65%
M203A	Bradley West Core Improvements	808,364	782,389	733,339	697,874	785,262	(2,873)	89%	54%
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	1,186	247	229	1,055	132	22%	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	355,498	295,169	24,958	326,673	28,825	8%	2%
M403A	New Face of CTA - Phase 1	43,270	56,261	47,830	37,911	49,299	6,962	77%	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	2,075,776	1,906,548	1,542,884	2,026,025	49,751	76%	50%
	Bradley West Total	2,040,915	2,075,776	1,906,548	1,542,884	2,026,025	49,751		

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



# CUP REPLACEMENT ELEMENT BUDGET REPORT as of 11/30/2013

				(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
	CUP REPLACEMENT								
	Capital Budget 1								
C001A	Central Utility Plant	423,835	416,406	375,644	312,281	405,404	11,002	77%	44%
	Capital Budget 1 Total	423,835	416,406	375,644	312,281	405,404	11,002	77%	44%
	CUP Replacement Total	423,835	416,406	375,644	312,281	405,404	11,002		

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



# UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 11/30/2013

	(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used	
	UTILITIES & INFRASTRUCTURE									
	Capital Budget 1									
Close-out	U009A-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	1,054	92	11,314	1,230	1%	0%	
	Capital Budget 2 Total	12,544	12,544	1,054	92	11,314	1,230	1%	0%	
	Utilities & Infrastructure Total	20,719	26,538	14,777	13,815	25,036	1,501			

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



# LANDSIDE ELEMENT BUDGET REPORT as of 11/30/2013

	(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used	
	LANDSIDE									
	Capital Budget 2									
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	34,811	3,334	2,419	32,533	2,278	7%	0%	
L012A	Coastal Dunes Improvement Project	3,000	3,000	1,887	452	2,818	182	16%	0%	
L015A	Manchester Square / Belford Demolition Program	1,981	1,305	1,167	904	1,197	108	76%	68%	
L018A	CTA - Landside Accessibility Improvements - Phase 2	2,976	2,976	0	0	2,508	469	0%	0%	
T012A	New Face of the CTA - Phase 2	70,528	70,528	3,193	2,751	58,928	11,600	5%	0%	
Close-out	L016A-Jenny Lot Site Modifications	7,233	7,233	6,720	6,377	6,805	429	94%	100%	
	Capital Budget 2 Total	104,619	119,854	16,301	12,904	104,790	15,064	12%	73%	
	Landside Total	104,619	119,854	16,301	12,904	104,790	15,064			

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



# RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 11/30/2013

				(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
	RESIDENTIAL/SOUNDPROOFIN								
	Capital Budget 1								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	155,139	151,863	160,000	0	95%	0%
	Capital Budget 1 Total	180,000	160,000	155,139	151,863	160,000	0	95%	0%
	Capital Budget 2								
Close-out	S008A-VNY Soundproofing	1,317	1,124	1,124	1,124	1,124	0	100%	100%
	Capital Budget 2 Total	1,317	1,124	1,124	1,124	1,124	0	100%	100%
	Residential/Soundproofing Total	181,317	161,124	156,263	152,987	161,124	0		

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



# TERMINAL ELEMENT BUDGET REPORT as of 11/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	TERMINAL								
ľ	Capital Budget 1								
T001A	Elevators and Escalators Replacement	270,000	240,035	195,318	109,410	233,696	6,339	47%	15%
	Capital Budget 1 Total	270,000	240,035	195,318	109,410	233,696	6,339	47%	15%
	Capital Budget 2								
	Terminal-wide Improvements								
T014A	Terminal MPOE and IT Room Expansion	19,653	19,653	1,596	597	18,796	857	3%	0%
T016A	ADA Accessibility Improvements	2,000	4,540	1,984	658	4,179	361	16%	0%
T017A	Concessions Enabling Project	3,445	3,445	1,400	1,395	2,441	1,004	57%	0%
Close-out	T006A-Fire Life Safety System Upgrades T1 & T2	5,300	3,912	3,301	2,973	3,334	578	89%	15%
	Terminal-wide: Subtotal	30,398	31,550	8,281	5,623	28,750	2,800		
	Terminal 2 Improvements								
T018A	Terminal 2 400-Hz Power System Upgrade	1,676	1,676	455	385	3,843	(2,167)	10%	0%
T019A	Terminal 2 EDS Behind the Wall Project	14,246	14,246	966	798	20,942	(6,696)	4%	0%
T020A	Terminal 2 Restroom Enhancements	3,112	3,112	579	375	2,503	609	15%	0%
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	13,386	13,386	935	498	11,345	2,041	4%	0%
T023A	Terminal 2 Electrical Upgrade	39,009	39,009	2,382	1,188	56,431	(17,423)	2%	0%
	Terminal 2: Subtotal	71,429	71,429	5,317	3,244	95,064	(23,636)		
	Terminal 3 Improvements								
Close-out	T015A-Terminal 3 Backfill Project	5,846	6,598	6,510	6,496	6,576	22	99%	98%
	Terminal 3: Subtotal	5,846	6,598	6,510	6,496	6,576	22		

73



# TERMINAL ELEMENT BUDGET REPORT as of 11/30/2013

							<u> </u>	11/30/2	010
				(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
	Terminal 4 Improvements								
T011A	Terminal 4 Connector	114,318	114,496	85,597	8,598	103,810	10,686	8%	0%
	Terminal 4: Subtotal	114,318	114,496	85,597	8,598	103,810	10,686		
	Terminal 6 Improvements								
T025A	Terminal 6 Electrical Upgrades Project	19,574	19,574	392	390	16,741	2,833	2%	0%
	Terminal 6: Subtotal	19,574	19,574	392	390	16,741	2,833		
	Terminal 7 Improvements								
T022A	Terminal 7 Restroom Enhancements	6,159	714	617	439	714	0	62%	0%
	Terminal 7: Subtotal	6,159	714	617	439	714	0		
	Capital Budget 2 Total	247,723	244,361	106,715	24,791	251,655	(7,295)		
	Terminal Total	517,723	484,396	302,033	134,202	485,351	(956)		

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



# WORK IN PROGRESS BUDGET REPORT as of 11/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	WORK IN PROGRESS							•	
	Capital Budget 2								
A017A	West Maintenance Area	N/A	0	10,223	9,629	N/A	N/A	N/A	N/A
L017A	Orange Line Busway (FlyAway Site)	N/A	0	203	0	N/A	N/A	N/A	N/A
M404A	Bradley West Outbound Baggage Handling System	N/A	0	5,823	4,874	N/A	N/A	N/A	N/A
T013A	Terminal 2 Signage Replacement Project	N/A	0	0	0	N/A	N/A	N/A	N/A
T026A	Midfield Satellite Concourse (North Gates)	N/A	0	6,160	6,160	N/A	N/A	N/A	N/A
T028A	Passenger Boarding Bridge Relocation	N/A	0	7,712	166	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	N/A	0	30,120	20,828	N/A	N/A	N/A	N/A
	Work in Progress Total	N/A	0	30,120	20,828	N/A	N/A		

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



### PROGRAM CASH FLOW OVERVIEW

### **User's Guide - Cash Flow**

The information provided herein is designed to furnish users of the Airport Development Group (ADG) Cash Flow Reports with greater knowledge and a better understanding of the cash flow report.

Monthly Plan - Is the estimated cost of the work anticipated for a given month.

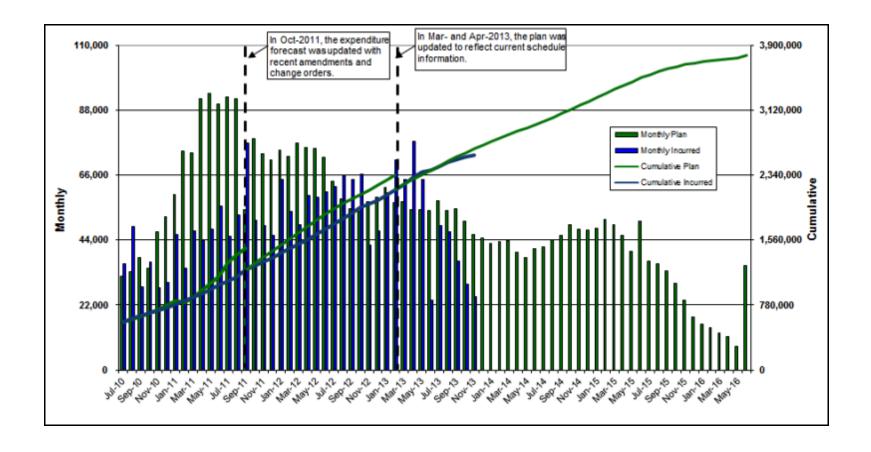
Monthly Incurred - Is the cost of the work actually completed and invoiced for a given month.

Cumulative Plan - Represents the summation of the Monthly Plan amounts, to a given point in time, and provides the user with an overall forecast.

Cumulative Incurred - Represents the summation of the Monthly Incurred amounts, to a given point in time, and provides the user with the total amount invoiced.



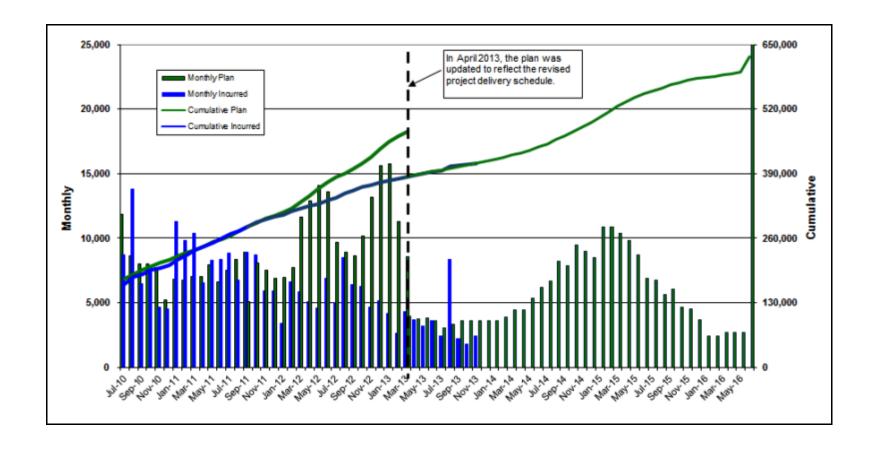
# PROGRAM CASH FLOW as of 11/30/2013



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



# AIRSIDE ELEMENT CASH FLOW as of 11/30/2013

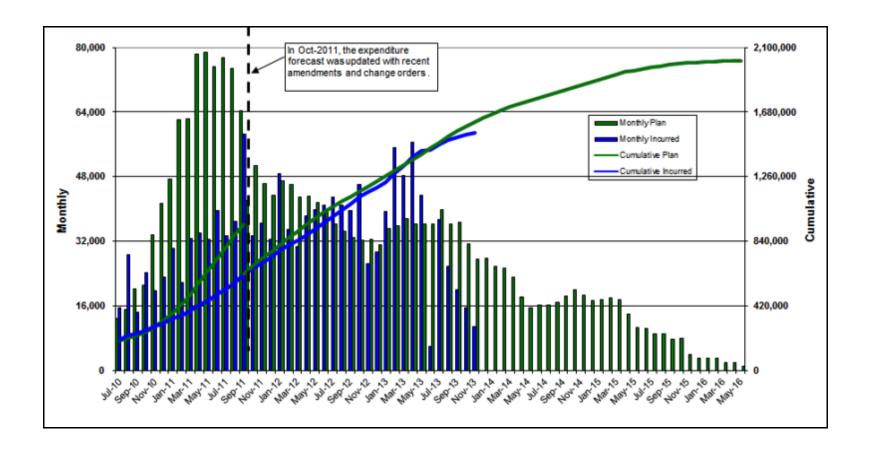


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# BRADLEY WEST ELEMENT CASH FLOW

as of 11/30/2013

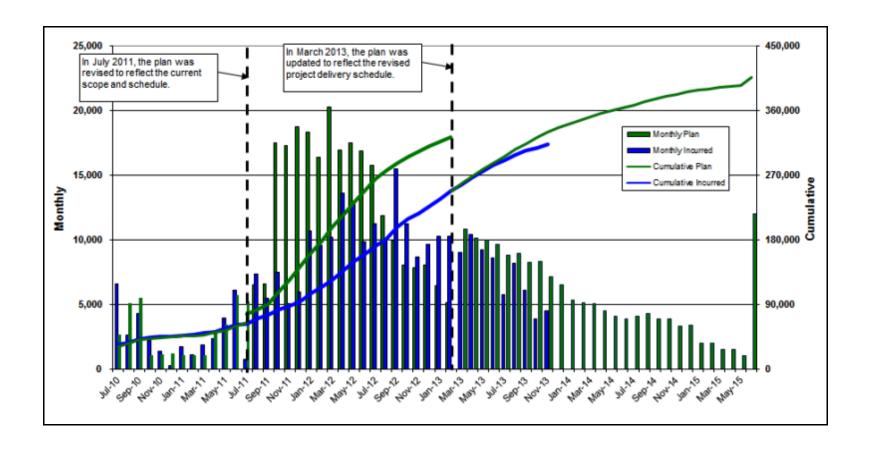


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## **CUP REPLACEMENT CASH FLOW**

as of 11/30/2013

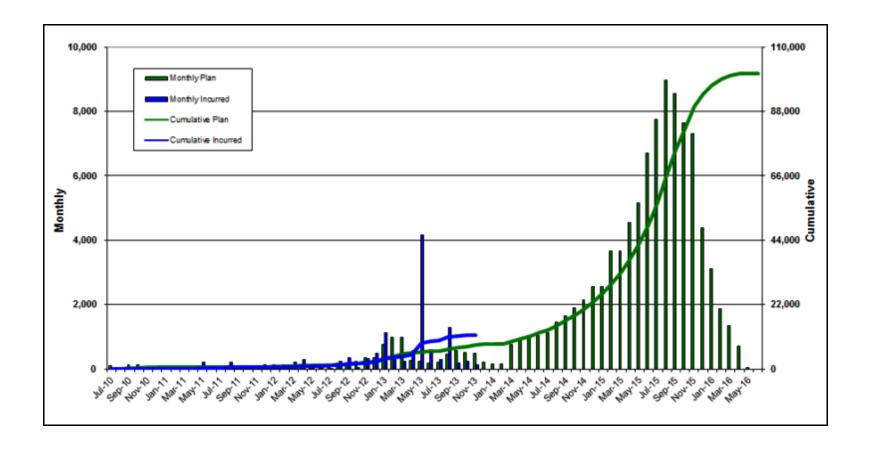


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## LANDSIDE ELEMENT CASH FLOW

as of 11/30/2013

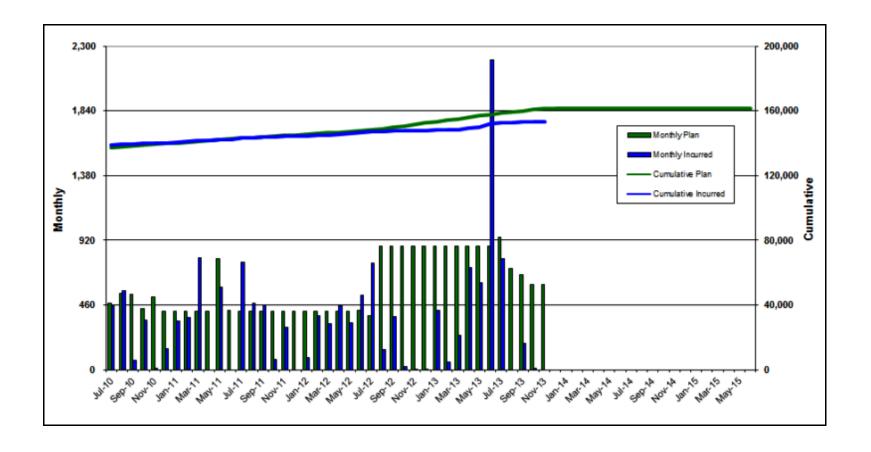


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

as of 11/30/2013

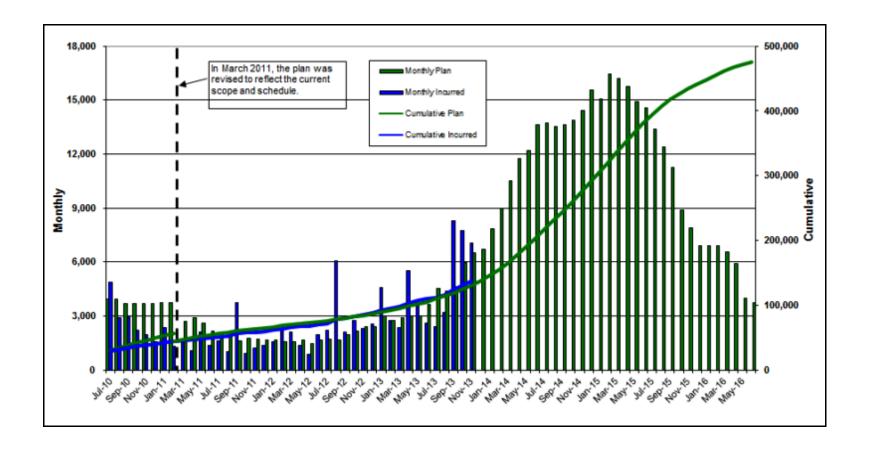


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## TERMINALS ELEMENT CASH FLOW

as of 11/30/2013



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



### **CHANGE ORDER OVERVIEW**

### **User's Guide - Change Order**

The information provided herein is designed to furnish users of the Airport Development Group (ADG) Change Order Reports with greater knowledge and a better understanding of the composition of the various components of the change order report.

Change Orders - Process by which an adjustment is made to the total contract capacity.

CGMP Revision - Process by which the value of a CGMP is adjusted within the original total contract capacity. This process is employed by the Bradley West Element - Gates and Core projects in the administration of the Construction Management at Risk (CMAR) contracts.



CHANGE ORDERS as of 11/30/2013

Element

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

Airside Element



# CHANGE ORDERS - Continued as of 11/30/2013

#### Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
Bradley West Element					
DA-4337 - BRADLEY WES	ST GATES (DA-4337	·)			
DA-4337/CGMP01	0106	\$17,452			BWC - Additional Fuel Required for Generators for Testing
DA-4337/CGMP01	0107	\$53,037			BWG - Trash and Recycle Bins for LAX Terminals
DA-4337/CGMP01	0108	\$1,533			BWG - Vanilla Package Field Walk for Unidentified Items (Concrete)
DA-4337/CGMP02	0385	\$2,258			BWG - Shower Grab Bar LADBS Correction Notice
DA-4337/CGMP05	0188	\$789			BWG - Operational Readiness Power Outage (Conveyances)
DA-4337/CGMP06	0092	\$(1,539)			BWG - Credit for Membrane Lap
DA-4337/CGMP07	0209	\$48,032			BWG- Supply Additional Glycol to Fill the PBB AHU Pipe and Coil Capacity
DA-4337/CGMP07	0210	\$7,070			BWG- Perforated Face Grille Conflict with Ceiling Panels (HVAC)
DA-4337/CGMP07	0211	\$5,365			BWG - South Concourse Pier Pressurization Fan Re-Testing (HVAC)
DA-4337/CGMP07	0212	\$4,045			BWG - Renewing the Permit for the 20 Temporary Equipment Yard Boilers
DA-4337/CGMP07	0213	\$8,070			BWG - Ceilings and Barriers at North and South Concourse Pier Booster Pump
DA-4337/CGMP07	0214	\$114,269			BWG - Additional Seismic for Plumbing
DA-4337/CGMP07	0215	\$4,348			BWG - Operational Readiness Power Outage (HVAC)
DA-4337/CGMP07	0216	\$18,397			BWG - Troubleshooting in Pre-Conditioned Air (PCA) Chiller Room for Heat
DA-4337/CGMP07	0217		\$770,638		BWG - Continuation of Temporary Chiller Yard Rentals and Chemical Treatmen
DA-4337/CGMP07	0218	\$5,257			BWG - Additional Siemens Training
DA-4337/CGMP07	0219	\$3,357			BWG - South Concourse - Relocation of Condenser Unit (CU) - S3
DA-4337/CGMP07	0220	\$12,410			BWG - Vanilla Package Field Walk for Unidentified Items
DA-4337/CGMP08	0428	\$1,066			BWG - South Concourse Pier Pressurization Fan Re-Testing (Electrical)
DA-4337/CGMP08	0429	\$971			BWG - IEMS Remove and Replace EVIDS Monitors at Gate 159
DA-4337/CGMP08	0430	\$4,129			BWG - Added Flow and Tamper Switches at Level 1 Stairs Gates 150 and 151
DA-4337/CGMP08	0431	\$2,530			BWG - Level 1 Power Supplies LADBS CN 13DCR00027
DA-4337/CGMP08	0432	\$8,070			BWG - Ceilings and Barriers at North and South Concourse Pier Booster Pump
DA-4337/CGMP08	0433	\$1,871			BWG - Operational Readiness Power Outage (Electrical)
DA-4337/CGMP08	0434		\$217,759		BWG - Gates - Core 1-Line Coordination
DA-4337/CGMP08	0435	\$1,696			BWG - Pier Mechanical Shaft Platform and Ladders Dimensions Adjustments
DA-4337/CGMP08	0436	\$2,777			BWG Int - Wire Mesh Partitions - Hardware Requirements (Electrical)
DA-4337/CGMP08	0437	\$9,561			BWG Line Array Speaker (S1-N5) Power Requirements (Electrical)
DA-4337/CGMP08	0438	\$1,723			BWG - LCS BBMD Converter
DA-4337/CGMP08	0439	\$115,626			BWG - Vanilla Package Field Walk for Unidentified Items (Electrical)
DA-4337/CGMP09	0128	\$1,893			BWG- Perforated Face Grille Conflict with Ceiling Panels (Fire Proofing)



DA 4007 DRADI EV MEGT	OATEO (DA 400	) — )		
DA-4337 - BRADLEY WEST		1	1	
DA-4337/CGMP10	0273	\$10,298		BWG - Ceilings and Barriers at North and South Concourse Pier Booster Pump
DA-4337/CGMP10	0274	\$23,121		BWG - Pier Mechanical Shaft Platform and Ladders Dimensions Adjustments
DA-4337/CGMP10	0275	\$2,506		BWG - Line Array Speaker (S1-N5) Power Requirements (Interior Framing and
DA-4337/CGMP10	0276	\$(10,532)		BWG - Vanilla Package Field Walk for Unidentified Items (Drywall)
DA-4337/CGMP11	0041	\$5,475		BWG - Ceilings and Barriers at North and South Concourse Pier Booster Pump
DA-4337/CGMP11	0042	\$8,618		BWG - Pier Mechanical Shaft Platform and Ladders Dimensions Adjustments
DA-4337/CGMP11	0043	\$975		BWG - Thresholds at Doors 5S1-PW02, 5S2-PE02, 5S3-PE02, S4-PE02,
DA-4337/CGMP11	0044	\$20,848		BWG - Vanilla Package Field Walk for Unidentified Items
DA-4337/CGMP12	0143	\$4,515		BWG- Perforated Face Grille Conflict with Ceiling Panels (Decorative Metals)
DA-4337/CGMP12	0144	\$5,830		BWG- WC1 Closure Piece at Gridline S41
DA-4337/CGMP12	0145	\$6,360		BWG - Line Array Speaker (S1-N5) Power Requirements (Decorative Metals)
DA-4337/CGMP13	0133	\$1,052		BWG- Locations of Additional of D3 Stairwell Signs per Meeting with LAFD
DA-4337/CGMP13	0134	\$39,962		BWG Int - Wire Mesh Partitions - Hardware Requirements (Specialties)
DA-4337/CGMP13	0135	\$1,484		BWG Int - Shower Grab Bar LADBS Correction Notice
DA-4337/CGMP13	0136	\$8,163		BWG - Vanilla Package Field Walk for Unidentified Items (Painting)
DA-4337/CGMP13	0137	\$18,251		BWG - Modifications to Restroom Trashcan TA-9
DA-4337/CGMP15	0027	\$20,868		BWG - Locations of Additional of D3 Stairwell Signs per Meeting with LAFD
DA-4337/CGMP15	0028	\$861		BWG - Temporary Evacuation Maps for the South Concourse
DA-4382 - BRADLEY WEST	CORE (DA-4382	2)		·
DA-4382/CGMP01	0138	\$3,515		BWC - Fire Extinguishers Signage per LAFD
DA-4382/CGMP01	0139	\$4,787		BWC - Add Plywood Backing for Phenolic Attachment to Masonry Wall - C5EL05
DA-4382/CGMP01	0140	\$19,250		BWC - Gate 148 Pier Pressurization
DA-4382/CGMP01	0141	\$327		BWC- MER HVAC Modification (Field Services)
DA-4382/CGMP01	0142	\$612		BWC - Plan Check Application 0014-10085-00162
DA-4382/CGMP01	0143	\$2,022		BWC - Elect - Provide TEC Escort for (1) LAWA Electrical Inspector
DA-4382/CGMP01	0144	\$21,810		BWC - Trash and Recycle Bins for Core
DA-4382/CGMP01	0145	\$13,625		BWC RENO - Rework Elevator Exhaust Hoods
DA-4382/CGMP01	0146		\$339,145	BWC - Installation and Monitoring of Temporary Propane Heaters and sociated
DA-4382/CGMP01	0147	\$15,473		BWC - Request to Replenish Field Services Contingency - C Letter 5180.05
DA-4382/CGMP01	0148	\$71,337		BWC - Framework Modification at Elevator Vestibule on Levels 2 and 3 (Field
DA-4382/CGMP01	0149			BWC - Core Architectural and Systems Modifications for T-4 Removal and Pet
DA-4382/CGMP01	0150	\$3,129		BWC - Core Roof Drain At Level 7 Platform (Concrete- Self-Perform)
DA-4382/CGMP01	0151		\$850,573	BWC - Temporary Climate Control Project for Core Levels 1 and 3
DA-4382/CGMP01	0152	\$4,544		Temporary Door Modifications for Core TCO (Field Services)
DA-4382/CGMP01	0153	\$45,644		BWC - Attic Stock and Other Material/Equipment Inventory and Turnover
DA-4382/CGMP04	0171	\$51,436		BWC Phasing: Phase B Temp Provision



DA 4202	DDADI	EV WEST	CODE	(DA 4202)
DA-4382 -	BRADL	ET WEST	CURE	(DA-4382)

DA-4382/CGMP04	0176	\$774		BWC - Operational Readiness Power Outage
DA-4382/CGMP04	0177	\$4,516		BWC - Core Descoping for Phased Construction
DA-4382/CGMP04	0178	\$4,254		BWC - Installation and Monitoring of Temporary Propane Heaters and
DA-4382/CGMP05	0112	\$6,499		BWC - PVC Membrane at R-Line Between Gridline 37-38
DA-4382/CGMP05	0113	\$9,530		BWC - Fireproofing Tube Steel at Level 6 Utility Platform
DA-4382/CGMP05	0114	\$5,007		BWC - Elect - Convenience Outlets required at EF-M09 and EF-M10 (PVC
DA-4382/CGMP05	0115	\$3,225		BWC - RENO - Rework Elevator Exhaust Hoods
DA-4382/CGMP05	0116	\$(9,530)		Cancels 5.113 (see CGMP 10.87)
DA-4382/CGMP05	0117	\$3,391		BWC - Fireproofing Tube Steel at Level 6 Utility Platform
DA-4382/CGMP05	0118	\$(115,760)		BWC - Refrigerant Lines Within Egress Path OH 3C5-10 and 3C5-30 (PVC
DA-4382/CGMP05	0119	\$122,663		BWC - Request to Replenish Contingency - Approved Overtime/Acceleration
DA-4382/CGMP06	0419	\$5,177		BWC - C3ST01 Lower Landing Ramp
DA-4382/CGMP06	0420	\$5,278		BWC - Submittal 1217 - Outdoor Equipment Pad Layout Drawings
DA-4382/CGMP06	0421	\$941		BWC - Level 6 Exit Corridor
DA-4382/CGMP06	0422	\$4,502		BWC - CBP Telecommunication Room Layout Changes to 3C4-34, 3C7-75,
DA-4382/CGMP06	0423	\$3,451		BWC- MER HVAC Modification (Self Performed Masonry)
DA-4382/CGMP06	0424	\$2,836		Add Smoke Detection in Elevator Shafts - WAJV Self Performed
DA-4382/CGMP06	0425	\$60,195		BWC - CCP2 Revisions to Inbound Baggage Concrete Curbs
DA-4382/CGMP06	0426	\$5,877		BWC - ADA Compliance for Ramp Landing at Escalator Level 3 Area C7
DA-4382/CGMP06	0427	\$1,416		BWC - Boom Lift Conflict with Fire Riser at Gridline X19, Level 7
DA-4382/CGMP06	0428	\$8,984		BWC - Temporary Earthwork, Bent Plate & Shoring at R1-Line Scope Excluded
DA-4382/CGMP08	0616	\$5,507		BWC - Add ACAMS Card Reader to Door 3C2-15J
DA-4382/CGMP08	0617	\$1,496		BWC - FAA Control Tower Camera and Data
DA-4382/CGMP08	0618	\$2,299		BWC - Operational Readiness Power Outage
DA-4382/CGMP08	0619	\$41,758		BWC - Phasing Fire Alarm Devices at Gridline R
DA-4382/CGMP08	0620	\$29,030		BWC - Drinking Fountain Power (Electrical)
DA-4382/CGMP08	0621	\$7,452		BWC - Smoke Detectors Rooms 1C5-10, 1C5-11, and 1C5-07
DA-4382/CGMP08	0622	\$26,118		BWC - Stair 4C3ST01 Device Locations (Electrical)
DA-4382/CGMP08	0623	\$81,771		BWC - Emergency Power Circuitry for Fire Protection Pre-Action Compressors
DA-4382/CGMP08	0624	\$2,258		BWC - COMM - Opening Day Onsite Video Surveillance Support (VSS) Support
DA-4382/CGMP08	0625	\$23,167		BWC- MER HVAC Modification
DA-4382/CGMP08	0626	\$12,203		BWC - Area of Refuge Modifications at Level 6 North Roof Ramp
DA-4382/CGMP08	0627	\$5,526		BWC - RENO - Rework Elevator Exhaust Hoods
DA-4382/CGMP08	0628	\$47,505		BWC Elect - Convenience Outlets required at EF-M09 and EF-M10 (Electrical)
DA-4382/CGMP08	0629		\$598,999	BWC - Installation and Monitoring of Temporary Propane Heaters and
DA-4382/CGMP08	0630	\$6,683		BWC - Fixture FC18c Quantity in Vestibule 2C7-20



DA 4202	DDADI	EV WEST	CODE	(DA 4202)
DA-4382 -	BRADL	ET WEST	CURE	(DA-4382)

DA-4382/CGMP08	0631	\$5,515		BWC - Smoke Detector Time Tower Level 7 Above Elevator (Electrical)
DA-4382/CGMP08	0632	\$20,234		BWC - Opening Event Logistics (June 14 - 22, 2013) (Electrical)
DA-4382/CGMP08	0633	\$6,464		CANCEL REFER TO 8.639 - BWC - Raise Ceiling in CBP Circulation
DA-4382/CGMP08	0634	\$1,430		BWC Elect - Overhead Door 3C8-42E Power and Controls Verification
DA-4382/CGMP08	0635	\$750		BWC AHU C16 Level 6 North Tenant Modifications Air Balance Issues
DA-4382/CGMP08	0636		\$185,072	BWC - Communications Customs and Border Patrol (CBP) Cat 6A Over Length
DA-4382/CGMP08	0637	\$77,563		BWC - Refrigerant Lines Within Egress Path OH 3C5-10 and 3C5-30
DA-4382/CGMP08	0638	\$(5,157)		Temporary Door Modifications for Core TCO (Electrical)
DA-4382/CGMP08	0639	\$6,464		BWC - Raise Ceiling in CBP Circulation 3C7-20
DA-4382/CGMP09	0246	\$2,083		BWC - Stair 4C3ST01 Device Locations (Miscellaneous Metals)
DA-4382/CGMP09	0247	\$12,487		BWC- CMU Supports at Gridlines C18/BB-CC (Miscellaneous Metals)
DA-4382/CGMP09	0248	\$22,892		BWC - Area of Refuge Modifications at Level 6 North Roof Ramp
DA-4382/CGMP09	0249	\$21,747		BWC - Revisions to Inbound Baggage Concrete Curbs
DA-4382/CGMP09	0250	\$19,734		BWC - Core Descoping for Phased Construction
DA-4382/CGMP09	0251	\$(743)		BWC - Credit for Deletion of Ladder Security Door at Level 6 Terrace
DA-4382/CGMP09	0252	\$3,382		BWC Elect - Convenience Outlets required at EF-M09 and EF-M10 Exterior
DA-4382/CGMP09	0253	\$(3,595)		BWC - Gridlines C2-C3/DD-CC Masonry Wall Descoping
DA-4382/CGMP10	0086	\$3,132		BWC- CMU Supports at Gridlines C18/BB-CC (Fire Proofing)
DA-4382/CGMP10	8800	\$946		BWC - Refrigerant Lines Within Egress Path OH 3C5-10 and 3C5-30 Applied
DA-4382/CGMP12	0338	\$11,966		BWC - Gate 148 Pier Pressurization
DA-4382/CGMP12	0339	\$2,778		BWC - Smoke Detectors Rooms 1C5-10, 1C5-11, and 1C5-07 (Acoustical
DA-4382/CGMP12	0340	\$8,292		BWC - Level 3 Access Hatch Details at Gridlines X14/Y5
DA-4382/CGMP12	0341	\$748		BWC- MER HVAC Modification (Acoustical Ceilings)
DA-4382/CGMP12	0342	\$1,016		BWC - Door 3C5-10D and 3C7-65B Hardware
DA-4382/CGMP12	0343	\$1,012		BWC - Damage to Wheel Chair Dispatch Office 4C1-32 and Break Room 4C1-3
DA-4382/CGMP12	0344	\$2,281		BWC - IEMS Gate 148 EVIDS Monitor Shroud Coordination (Drywall)
DA-4382/CGMP12	0345	\$5,202		BWC - Opening Event Logistics (June 14 - 22, 2013) (Drywall)
DA-4382/CGMP12	0346	\$4,612		BWC - Raise Ceiling in CBP Circulation 3C7-20
DA-4382/CGMP12	0347	\$361		BWC - Level 4 Welcome Wall Bridge Fire Alarm Device (Acoustics)
DA-4382/CGMP12	0348	\$3,325		BWC - Paper Towel Shroud Width Design Bust vs Vanity Width (Drywall)
DA-4382/CGMP12	0349	\$9,781		BWC - Framework Modification at Elevator Vestibule on Levels 2 and 3 Gypsum
DA-4382/CGMP12	0350	\$(11,033)		BWC - Credit for Rated Soffit at Electrical Room 3C4-12
DA-4382/CGMP12	0351	\$8,489		BWC - Refrigerant Lines Within Egress Path OH 3C5-10 and 3C5-30
DA-4382/CGMP12	0352	\$329		Temporary Door Modifications for Core TCO (Acoustical Ceilings)
DA-4382/CGMP13	0165	\$2,309		BWC - Drinking Fountain Power (Decorative Metals)
DA-4382/CGMP13	0166	\$16,505		BWC - Gate 148 Pier Pressurization



DA-4382 - BRADLEY V	NEST CORE	(DA-4382)
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DA-4382/CGMP13	0167	\$4,162	BWC - Stair 4C3ST01 Device Locations (Decorative etals)
DA-4382/CGMP13	0168	\$603	BWC - Area of Refuge Modifications at Level 6 North Roof Ramp
DA-4382/CGMP13	0169	\$2,942	BWC - Int - Elevators Smoke Detector Access Above Ceiling at Premier Lounge
DA-4382/CGMP13	0170	\$3,494	BWC - Level 3 Sliding Windows - (Interior Glass)
DA-4382/CGMP13	0171	\$376	BWC - Smoke Detector Time Tower Level 7 Above Elevator (Miscellaneous
DA-4382/CGMP13	0172	\$7,969	BWC - IEMS Gate 148 EVIDS Monitor Shroud Coordination (Miscellaneous
DA-4382/CGMP13	0173	\$46,998	BWC - Opening Event Logistics (June 14 - 22, 2013) (Interior Specialities)
DA-4382/CGMP13	0174	\$427	BWC - Level 4 Welcome Wall Bridge Fire Alarm Device - (Decorative Metals)
DA-4382/CGMP13	0175	\$6,243	BWC - Paper Towel Shroud Width Design Bust vs Vanity Width (Decorative
DA-4382/CGMP13	0176	\$986	BWC - Communications Customs and Border Patrol (CBP) Cat 6A Over Length
DA-4382/CGMP14	0205	\$4,451	BWC - Gate 148 Pier Pressurization
DA-4382/CGMP14	0206	\$3,823	BWC - Stair 4C3ST01 Device Locations (Painting)
DA-4382/CGMP14	0207	\$(1,729)	BWC - Credit for IEMS Bon Voyage Wall Access Closet
DA-4382/CGMP14	0208	\$14,773	BWC - Added Fire Extinguishers
DA-4382/CGMP14	0209	\$(2,289)	BWC - Int - Hasson Attic Stock Credit
DA-4382/CGMP14	0210	\$1,027	BWC - Installation and Monitoring of Temporary Propane Heaters and
DA-4382/CGMP14	0211	\$1,194	BWC - Damage to Wheel Chair Dispatch Office 4C1-32 and Break Room 4C1-3
DA-4382/CGMP14	0212	\$769	BWC - Level 3 Sliding Windows (Painting)
DA-4382/CGMP14	0213	\$8,617	BWC - Opening Event Logistics (June 14 - 22, 2013) (Floor Tiles)
DA-4382/CGMP14	0214	534	BWC - Level 4 Welcome Wall Bridge Fire Alarm Device (Painting)
DA-4382/CGMP14	0215	\$1,977	BWC - Framework Modification at Elevator Vestibule on Levels 2 and 3
DA-4382/CGMP14	0216	\$(660)	BWC - Credit for Rated Soffit at Electrical Room 3C4-12 (Painting)
DA-4382/CGMP14	0217	\$1,350	BWC - Refrigerant Lines Within Egress Path OH 3C5-10 and 3C5-30 (Painting)
DA-4382/CGMP14	0218	\$634	Temporary Door Modifications for Core TCO (Painting)
DA-4382/CGMP15	0048	\$1,041	BWC - Swing Gate Added Welded Tab
DA-4382/CGMP15	0049	\$2,555	BWC - Level 3 Sliding Windows -(Woodwork)
DA-4382/CGMP15	0050	\$28,448	BWC - Paper Towel Shroud Width Design Bust vs Vanity Width
DA-4382/CGMP15	0051	\$1,015	Temporary Door Modifications for Core TCO (Soft Flooring)
DA-4382/CGMP16	0032	\$443	BWC Sign Conflicts A14 Relocation
DA-4382/CGMP18	0150	\$2,931	BWC - NFA - Grate Cover for Existing Drains Area A Arrivals
DA-4382/CGMP18	0151	\$2,255	BWC - NFA - Re-Route Existing Camera Conduit
DA-4382/CGMP18	0152	\$32,708	BWC- NFA - FRP Ring Prototype
DA-4382/CGMP18	0153	\$4,532	BWC - NFA - Pickless Caulk at Sidewalk Canopy Columns
DA-4382/CGMP18	0154	\$6,710	BWC - NFA - Caulk at base of Stainless Steel Bollard at Departure and Arrivals
DA-4382/CGMP18	0155	\$4,621	BWC - NFA - Plugs for Existing Arrivals Metal Pan Ceiling
DA-4382/CGMP18	0156	\$2,068	BWC - NFA - Blue Chip Concrete Repair at Gas Line



DA-4382/CGMP18	0157	\$6,917		BWC - NFA - Fiber Panels at Escalator: Rack Mounted Patch Panel
DA-4382/CGMP18	0158	\$3,461		BWC - Elevator Guiderail HSS Vertical Structural Steel Add and Mechanical
DA-4382/CGMP18	0159	\$2,145		BWC - NFA Stone Pavers to Cabinet Under Escalators 1-4 and Gas Meter
DA-4382/CGMP18	0160	\$11,019		BWC - NFA Existing Smartecarte Pull Boxes
DA-4382/CGMP18	0161	\$4,942		BWC - NFA - Hose Bib Potable Water Signs and Stainless Backing Plate,
DA-4382/CGMP18	0162	\$6,496		BWC - NFA - Ceiling Modifications at Escalators 1 and 2
DA-4382/CGMP18	0163	\$3,402		BWC - NFA - Overly Custom Perforated Gutters
DA-4382/CGMP18	0164	\$19,589		BWC - NFA New Replacement Airline ID Cabinet for Damaged British Airway
DA-4382/CGMP18	0165	\$33,901		BWC - NFA - Feeder Conduit Locations at Light Ribbon End Panels
DA-4382/CGMP18	0166	\$33,089		BWC - NFA - Replacement Entry Ceiling Panels at Light Cutout Location
DA-4382/CGMP20	0099	\$11,490		BWC - Phasing Fire Alarm Devices at Gridline R
DA-4382/CGMP20	0100	\$2,611		BWC - RENO - Phase 0 - Exterior Card Readers at Storefront
DA-4382/CGMP20	0101	\$68,849		BWC - RENO Existing Wall Conditions in North Customs and Border Patrol
DA-4382/CGMP20	0102	\$9,237		BWC - RENO Phase '0' - LAWA Asset Tags
DA-4382/CGMP20	0103	\$16,613		BWC - RENO - Phase 0 - Level 1 Bump Out - Missing Smoke Dampers at
DA-4382/CGMP20	0104	\$69,896		BWC- EDN 27 - Renovation - Non-Compliant Fire Rating Issues at TBIT Level 1
DA-4382/CGMP20	0105	\$4,336		BWC- Renovation Phase "0" - CBP North Offices - Paging Stations P-C1R-1.17
DA-4382/CGMP20	0106	\$9,850		BWC - RENO - Level 1 Permanent Horizontal Exit Requirements at T
DA-4382/CGMP20	0107	\$(7,284)		BWC - RENO - Phase '0' - DWP/BHS Yard - Credit for Eliminated Painting
DA-4382/CGMP20	0108	\$4,392		BWC - RENO - Phase '0' - Level 2 Interstitial Cameras - Existing CCTV CAT6 in
DA-4382/CGMP20	0109	\$(520)		BWC- Renovation Phase "0" - VRS Booth Relocation - Credits for Deleted
DA-4382/CGMP20	0110	\$13,528		BWC- Renovation Phase "0" - CBP North/East Offices - Power for Water Heater
DA-4382/CGMP20	0111	\$17,248		BWC- Renovation Phase "0" - CBP North Offices /Level 3 Bump Out - Additiona
DA-4382/CGMP20	0112	\$2,416		BWC- Renovation Phase "0" - CBP North/East Offices - Door 1C11-F06B Rating
DA-4382/CGMP20	0113	\$3,330		BWC - RENO Fence Closure Panel at Baggage Handling System (BHS)
DA-4382/CGMP20	0114	\$3,593		BWC - RENO - Cable Tray Conflict with Fan Coil Unit in Corridor 1C1-F07
DA-4382/CGMP20	0115	\$1,769		BWC - Core Descoping for Phased Construction
DA-4382/CGMP20	0116	\$32,020		RENO Rooftop Maintenance Catwalks from TBIT Level 7 to Stair 9 and 10
DA-4382/CGMP20	0117	\$9,807		BWC - RENO - Phase 0 - L1 Storefront Existing Hardware Closers
DA-4382/CGMP20	0118	\$13,113		BWC - RENO - Phase '0' - Stainless Steel Corner Guards
DA-4382/CGMP20	0119	\$2,891		BWC - RENO - Phase '0' Customs Border Patrol (CBP) North Offices - Door
DA-4382/CGMP20	0120	\$9,469		BWC - RENO - Phase '0' - UPS Room - Revised Grounding Conductor Size fror
DA-4382/CGMP20	0121	\$14,360		BWC - RENO - Phase '0' - CBP North/East Offices - Missing Circuit for SF 1.4
DA-4382/CGMP20	0122	\$1,360		BWC - RENO - Phase '0' - CBP North Offices/Level 1 Bump Out/Level 3 Bump
DA-4382/CGMP20	0123		\$158,164	BWC - RENO - Network "Head-End" Hardware and Equipment Procurement
DA-4382/CGMP20	0124	\$2,241		BWC - RENO - Phase '0' - CBP North/East Offices - Panel Board HA Corrections



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

DA-4382/CGMP20	0125	\$11,709	BWC - RENO -Phase '0' - CBP North/East Offices - Power Requirement
DA-4382/CGMP20	0126	\$4,869	BWC - Core Falcon FS121 Relocation
DA-4382/CGMP20	0127	\$11,128	BWC - Renovation - Phase"0" - CBP North/East Offices - Additional Camera in
DA-4382/CGMP20	0128	\$19,364	RENO - Phase 0 - Level 1 Bump Out/ Level 3 Penetrations - Modifications of
DA-4382/CGMP20	0129	\$15,455	RENO Phase '0' - BHS Switchgear Building Roof Fall Arrest Cable
DA-4382/CGMP20	0130	\$13,814	BWC - RENO - Casework at Processing Room - CBP North Offices



# CHANGE ORDERS - Continued as of 11/30/2013

Element	
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Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
CUP Replacement Eleme	ent				

**Landside Element** 

Residential/Soundproofing Element

**Terminal Element** 



### **Bradley West- Gates**

CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE)	APPROVED CHANGES (CUMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$30,385,326	\$0	\$30,385,326	4.89%
DOCUMENT CORRECTION	\$51,580,721	\$714,346	\$52,295,067	8.41%
FIELD CONDITIONS	\$16,430,951	\$616,125	\$17,047,076	2.74%
OWNER BETTERMENT	\$27,938,921	(\$2,049,694)	\$25,889,227	4.17%
CODE REQUIREMENT	\$4,445,369	\$430,077	\$4,875,446	0.78%
TOTAL	\$130,781,288	(\$289,146)	\$130,492,142	20.99%

<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.



## **Bradley West- CORE**

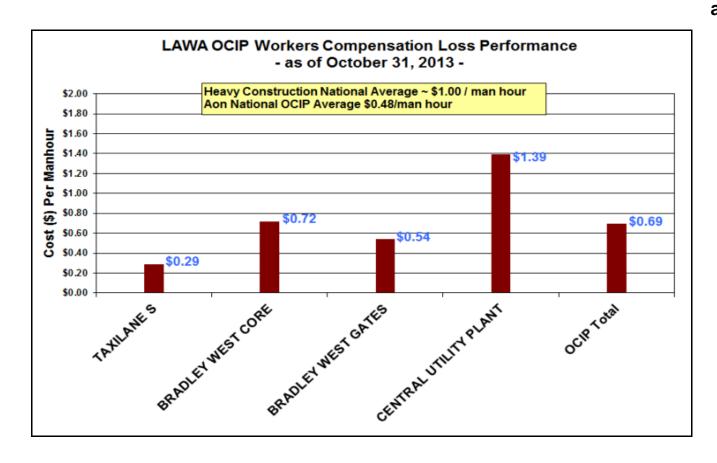
CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE)	APPROVED CHANGES (CUMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$30,093,188	\$0	\$30,093,188	4.83%
DOCUMENT CORRECTION	\$35,961,492	\$1,783,377	\$37,744,869	6.06%
FIELD CONDITIONS	\$13,699,150	\$1,683,176	\$15,382,326	2.47%
OWNER BETTERMENT	\$76,264,130	\$2,810,776	\$79,074,906	12.70%
CODE REQUIREMENT	\$7,549,000	\$325,384	\$7,874,384	1.26%
TOTAL	\$163,566,960	\$6,602,713	\$170,169,673	27.33%

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

Los Angeles
World Airports

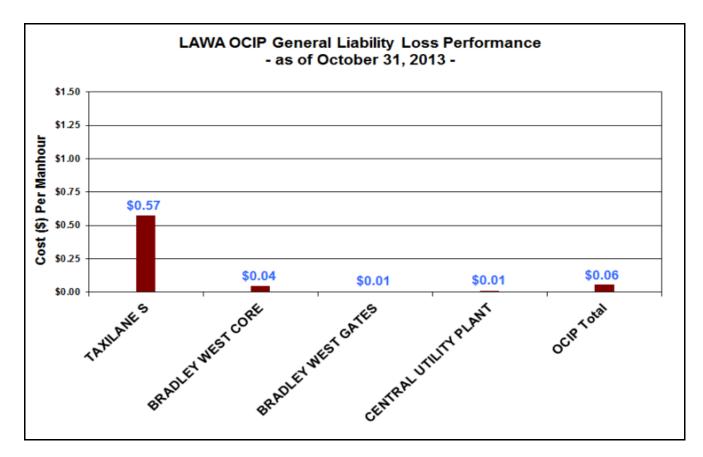
AIRPORTS DEVELOPMENT GROUP

OCIP as of 11/30/2012



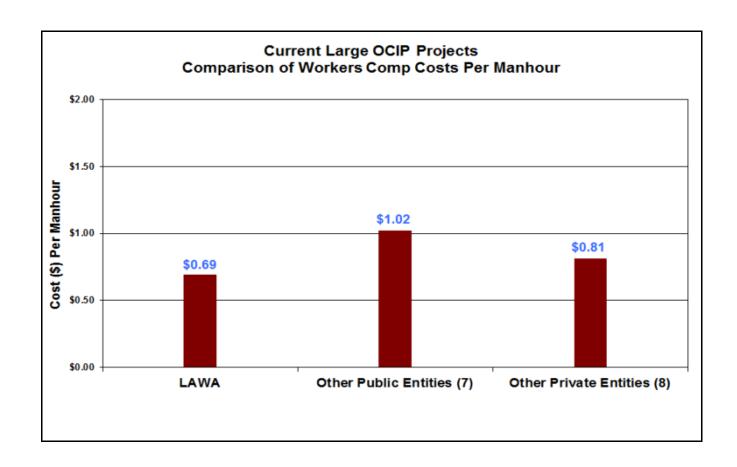


OCIP - Continued as of 11/30/2012





OCIP - Continued as of 11/30/2012





## MWBE/DBE

### as of 11/30/2012

Subcontractor Utilization Summary Report					Achieved Participation to Date*				
Firm	Contract No.	DBE or M/WBE Contract	Proposed Level of Participation		M/WBE		DBE		Remarks
AECOM Technical Services, Inc.	DA-4260	DBE	12.00	%	N/A	%	21.59	%	
Arcadis	DA-4413	M/WBE	20.00	%	21.60	%	N/A	%	Limited scope of work authorized to date.
Atkins	DA-4515	DBE	24.00	%	N/A	%	27.08	%	
Atkins	DA-4679	M/WBE	11.50	%	13.72	%	N/A	%	
Base Architecture	DA-4713	M/WBE	20.00	%	21.28	%	N/A	%	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10	%	7.20	%	N/A	%	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00	%	11.68	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	13.10	%	6.10	%	
Gin Wong	DA-4750	M/WBE	20.00	%	57.74	%	N/A	%	
Gruen Associates	DA-4761	M/WBE	25.00	%	27.39	%	N/A	%	
Hatch Mott MacDonald, LLC	DA-4275	DBE	19.56	%	N/A	%	19.54	%	
HNTB Corporation	DA-4709	DBE	10.80	%	N/A	%	11.03	%	
HNTB Corporation	DA-4748	M/WBE	20.00	%	12.24	%	N/A	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	25.24	%	N/A	%	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00	%	23.50	%	N/A	%	
Kimley-Horn and Associates	DA-4555	DBE	20.00	%	N/A	%	8.50	%	Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00	%	50.47	%	N/A	%	
Paslay Management Group	DA-4324	M/WBE	10.00	%	19.29	%	N/A	%	
Praxis Integrated Communications	DA-4541	M/WBE	10.00	%	0.00	%	N/A	%	MBE subcontractor approval in process.
Rivers & Christian	DA-4762	M/WBE	26.00	%	35.47	%	N/A	%	
URS Corporation, Inc.	DA-4763	M/WBE	20.00	%	17.34	%	N/A	%	
Vanir Construction Management, Inc.	DA-4416	M/WBE	20.00	%	20.63	%	N/A	%	
W.E. O'Neil Construction Co. of California	DA-4712	M/WBE	9.60	%	2.21	%	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	%	21.53	%	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	%	15.25	%	N/A	%	
		1	Total Participa	ation:	17.58%		15.20%	,	

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