





# **Airports Development**

**Executive Management** 

Program Status Report

July 31, 2012



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# **ELEMENT OVERVIEW**

#### **Purpose**

This report is a tool to provide status of the Capital Projects for the Airports Development Group. The report presents status per project followed by the Master Program Schedule, a Financial section with Budget, Cash Flow and Change Orders, OCIP, MWBE/DBE, and a section listing Projects in Definition.

#### **Airside Element**

The Airside Element consists of multiple projects necessary for accommodating the movement of large aircraft between the north and south runways; reconfiguring traffic movement to accommodate the Tom Bradley International Terminal (TBIT) expansion and modernization program; and provide airfield improvements as required by Airfield Operations, the Federal Aviation Administration and other Federal and State regulatory agencies.

#### **Bradley West Element**

The Bradley West Element provides for certain improvements identified in the approved LAX Master Plan, specifically related to development of new aircraft gates at the Tom Bradley International Terminal. The new gates will support the airport's ability to effectively and efficiently accommodate new large aircraft, such as the Airbus A380, Boeing 747 and Boeing 747-8. In addition, the project calls for substantial improvements related to the concourses and central core area of the Tom Bradley International Terminal, including:

- construction of new north and south concourses at the terminal, west of the existing concourses, which would be removed;
- construction of eight aircraft gates and associated loading bridges and apron areas, along the west side of the new terminal concourses:
- relocation and consolidation of existing aircraft gates along the east side of the Tom Bradley Terminal;
- renovation and enlargement of the existing U.S. Customs and Border Protection areas within the central core of the terminal; and
- construction of the secure passenger corridors between Terminals 3 and 4, and the Bradley Terminal.



# **ELEMENT OVERVIEW - Continued**

#### **Central Utility Plant (CUP) Replacement Element**

The CUP Replacement Element includes replacing the existing CUP, constructed in 1961, and the co-generation facility, brought into service in 1985, which are considered obsolete and inefficient relative to present-day technology, the distribution network between the CUP and the terminals, and various mechanical/electrical infrastructure improvements within the terminals.

#### **Landside Element**

The Landside Element undertakes capital projects designed to provide for the efficient and effective movement of people through the airport; and to provide convenient parking for individuals using the airport. Landside projects are typically related to parking lots, public transportation, train stations, tank farms, warehouse and cargo areas and access roads and perimeter fencing.

#### **Residential / Soundproofing Element**

LAWA has implemented a voluntary Airport Residential Soundproofing Program (RSP) for aircraft noise impacted areas in the City of Los Angeles. This program is for impacted homes adjacent to the Los Angeles International Airport (LAX) and Van Nuys (VNY).



# **ELEMENT OVERVIEW - Continued**

#### **Terminals Element**

Most of LAX's Terminals have been serving their purpose without major renovations or modernization efforts over the years. As needs change, the Terminal spaces and structures need repairs, upgrades, modernization, and standardization to satisfy these changing demands. From modernizing elevators and escalators with standardized devices to updating fire/life safety systems, the Terminals Element is focused on implementing these necessary improvements.

#### **Work in Progress**

This section lists the projects that are in various stages of pre-development. Typically, these projects represent efforts for which LAWA has committed funding for the design; not the construction. A project in this category will experience variability as the design is refined. If approved, projects in Work in Progress will be moved into the appropriate execution element. If not approved, projects will be dropped from this report.



# AIRSIDE ELEMENT - Taxilane 'S' (M204A)

# **Project Description**

This project undertakes the relocation of certain ancillary and support facilities; and constructs a 3,785-foot long Taxilane to connect Taxiway 'B' on the south and Taxiway 'E' on the north. Taxilane 'S' will be constructed as part of a 400 foot wide Portland Cement Concrete (PCC) paved strip which will be the first part of the future Dual Taxilane / Taxiway System between the proposed Midfield Satellite Concourse and the Tom Bradley International Terminal. The centerline is located 242 feet west of the existing Taxiway 'Q' centerline. A 169-foot-Object Free Area (OFA) will be provided on the east side of the Taxilane 'S' centerline in accordance with the FAA approved Airport Layout Plan (ALP). This construction also includes the relocation of fuel lines and other utilities, all grading, airfield signage and lighting, construction of LADWP power and communication ductbanks; and the LAWA power and communication ductbanks. Additionally, Taxiway D will be extended approximately 1,000 feet west from Taxiway Q.

The project also includes the construction of approximately 60,000 square yards of pavement and associated drainage covering the aprons on the west side of the north and south Concourses as well as the apron west of the Bradley Core. This apron construction includes all grading, utilities and airfield signage; construction of LADWP power and ductbanks; and the LAWA power and communications ductbanks.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

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

#### **Budget Status**

Project is within budget and is being closely monitored.



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

#### **Schedule Status**

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

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

The Contractor has submitted a group of large potential overall project impact claims. ADG is evaluating these impact claims for merit and is closely monitoring all Project Budget Cost.



# AIRSIDE ELEMENT - Taxilane 'T' (M306A)

# **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

The design contract for Taxiway T was awarded to Kimley Horn & Associates. LAWA is evaluating various Taxiway T phasing alternatives to mitigate potential tenant impacts, while addressing FAA's desire to complete full Taxiway T construction as soon as possible.

# **Construction Progress**

The enabling demolition construction contract was awarded to Evans Brothers; and is 40% complete.

#### **Budget Status**

This project is tracking on budget.

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

# **Schedule Status**

Project schedule is being evaluated for various Taxiway T phasing alternatives.

### <u>Issues</u>

The enabling demolition contract is encountering more hazardous material than anticipated; which may impact the budget and schedule.



# AIRSIDE ELEMENT - Runway Safety Area Improvements Project - South Side (A014A)

#### **Project Description**

This project will make improvements to the Runway Safety Area (RSA) on the west end of Runway 7L/25R, to meet FAA Standards and meet Federal mandated improvements by end of 2015. The project will extend the west end of Runway 7L/25R by approximately 850 feet to provide the full 1,000 feet clearance requirement for the RSA. This project will also require demolition of existing taxiway connector B16, grading, construction of new runway and taxiway pavement, associated storm drains and electrical utilities, pavement markings and striping, airfield lighting modifications, installation of new lights, Navaids relocation, barricades, blast fence and other specialty items.

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

Project Definition is complete.

# **Design Progress**

Design is 30% complete.

Proposals were received on June 7, 2012 for Professional Design Services and interviews were held on July 16, 2012. Contract award is anticipated in September 2012.

# **Construction Progress**

No construction contract awarded.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

This project is trending on schedule.

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



# AIRSIDE ELEMENT - Taxilane D-10 Reconstruction (A018A)

# **Project Description**

This project consists of reconstructing approximately 5,000 square yards main centerline portion of Taxilane D-10 in Portland Cement Concrete (PCC), along with PCC apron repairs and fueling hydrant relocations in the ramp area around Terminal 3 at LAX. Alaska Airlines is scheduled to relocate their operations from Terminal 3 to Terminal 6 in early April 2012. For a period of approximately six (6) months, the apron at Terminal 3 will be partially vacated of aircraft traffic. This provides LAWA a brief window of opportunity to make pavement repairs and improvements.

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

Project definition is complete.

# **Design Progress**

Design is 100% complete.

#### **Construction Progress**

Construction contract in the amount of \$6,383,321 was awarded to Sully-Miller Contracting on March 5, 2012.

The modification to airfield pavements and fueling systems West of Terminal 3 is 70% complete; and work on the keel section is 20% complete.

Overall construction is 40% complete.

# **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

Taxilane D-10 closure started on July 23, 2012.

This project is tracking on schedule.

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



# AIRSIDE ELEMENT - Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension (A012A)

#### **Project Description**

The purpose of the project is to rehabilitate the deteriorating concrete pavement at the east end of Runway 25R/7L and Taxiway B. The project also includes the easterly extension of Taxiway C to end of the Runway 25R. The project will include full reconstruction of the Runway 25R from the east end of the runway to Taxiway F. The 50 foot wide main wheel gear section of Runway 25R will be reconstructed from Taxiway F to Taxiway N. The project will also reconstruct the east end of Taxiway B from Taxiway F to the eastern end of Runway 25R. The project also includes the extension of Taxiway C from Taxiway F to the east end of Runway 25R.

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

Project Definition is complete.

# **Design Progress**

30% design is complete.

Proposals were received on June 7, 2012 for Professional Design Services and interviews were held on July 16, 2012. Contract award is anticipated in August 2012.

# **Construction Progress**

No construction contract has been awarded.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

Project is tracking on schedule.

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



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

#### **Project Description**

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

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

Project Definition is complete.

#### **Design Progress**

Design is 100% complete.

# **Construction Progress**

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

Construction was substantially complete on May 28, 2012.

# **Budget Status**

This project was completed within budget; and the financial close-out is anticipated in October 2012.

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

# **Schedule Status**

Change order work was completed mid-July 2012.

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



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

# **Project Description**

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

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

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

#### **Construction Progress**

Construction contract in the amount of \$4,723,789 was awarded to Stronghold Engineering on August 15, 2011.

Contractor is currently constructing crash rated gates, Type 1 Fencing and Type 2 Fencing in the southeast section. Construction is 25% complete.

# **Budget Status**

This project is tracking on budget.

# **Schedule Status**

This project is tracking on schedule.

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



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

# **Project Description**

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

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

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

Overall construction progress is 87% complete.

### **Budget Status**

The extended contract duration may require additional soft cost budget.

# **Schedule Status**

The City Council approved a 1 year extension to Griffith Company's contract on May 22, 2012.

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



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

# **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 98% complete.

#### **Construction Progress**

Work on North Concourse IT Rooms continues

Elevator / Escalator Installations & Inspections ongoing

Continued North Concourse Finish Work in Restrooms, Holdrooms & Sterile Corridor - including

Terrazzo, Metal Panel Ceilings, Glass, Drywall, etc.

Finish work in the Bus Connector is moving forward

Start up activities in the Temporary Mechanical Yard (Gate 131 Apron) is on-going

South Concourse roofing activities continue – Underlayment, Framing & Sheathing, Air Barrier, Soffits, etc.

General MEP Rough activities are on going throughout the South Concourse

Framing for Binnacles in South Areas #1 & #2

South Concourse High Ceiling work moving forward – GFRP Framing & Wraps

Final concrete pours at Gate #150 Apron

Passenger Boarding Bridge installation at Gate #152

Prep work for concrete pours at Gate #154 Apron

Utility relocations continue at Gate #156

MEP, Drywall and Enclosure work continues on the South Piers



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

# **Budget Status**

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

#### **Schedule Status**

Early Operation of Gate 134/134A

Target Date: 08/01/12 Forecast Date: 8/01/12

West Gates Substantial Completion

Target Date: Mar-2013 Forecast Date: Mar-2013

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

Substantial completion of Gate #134 is anticipated in August 2012, with early operation of Gate #134 expected in September 2012.

Due to the schedule requirements of the project, specific components of acceleration continue to be purchased, such as roofing and curtainwall installation, as well as MEP trades.

To address construction impacts while maintaining a fast-pace project delivery, LAWA and WAJV concluded a schedule reset exercise to establish a new forecast.



# **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 sf improved departure level (post security) passenger amenities, including new restrooms, concessions, airline lounges, and administrative offices within TBIT's existing north and south concourses; renovates TBIT Phase 0,and included is the Integrated Environmental Media System (IEMS); which employs cutting edge technology to create an iconic passenger experience.

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

Project Definition is complete.

# **Design Progress**

Design is 90% complete.

#### **Construction Progress**

North Tug Pass – Concrete Pours complete on Egress & Baggage Tunnels Terrazzo on Level 1 (Baggage Claim Area) has commenced High Ceiling Work (Level 4) in Areas #1 & #2 continue North Skylight enclosures moving forward Curtainwall units being installed in Area #3 Metal Decks on Core Roof Overhangs is underway Gate #148 Structural Steel erection continues Final Curtainwall back-up steel in Area #3 currently being installed MEP Rough continues in All Areas / All Levels

#### **Budget Status**

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

### **Schedule Status**

Milestone #3 – New Core Construction Complete

Target Date: Mar-2013 Forecast Date: Mar-2013



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

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

Due to the schedule requirements of the project, specific components of acceleration continue to be purchased, such as roofing and curtainwall installation, as well as MEP trades.

To address construction impacts while maintaining a fast-pace project delivery, LAWA and WAJV concluded a schedule reset exercise to establish a new forecast.



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

#### **Project Description**

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

### **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

A design services task order is being developed.

# **Construction Progress**

No construction contract has been awarded.

#### **Budget Status**

The project is tracking on budget.

# **Schedule Status**

Project is tracking on schedule.

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



# **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: WAJV installed connection points fabricated by the Artists. The Artists met with LADBS to review artwork loads, connection design, and materials, and are working with Fentress and First Circle (lighting consultant) to provide a lighting plan and electrical needs for the artwork. The Artists provided artwork and lighting install diagrams and timelines to LAWA. The Artists will seek Final Approval from the Cultural Affairs Commission on September 20, as well as meet with the Public Art Committee for a technical review on the same day.

Pae White: The goal is to achieve artwork approvals by LAWA, CBP, LADBS, LAFD, and DCA by late September. The Artist is to provide a set of drawings describing the totality of the artwork with conditions typical and specific at each bay, as well as structural calculations, basis of design, connection details, material safety, product data, and fire testing information. Additional items as applicable to each stakeholder may be requested until all concerns are addressed. The Artist will seek Final Approval from the Cultural Affairs Commission on September 20, as well as meet with the Public Art Committee for a technical review on the same day.

Mark Bradford: LAWA and DCA conducted a studio visit with the Artist to review artwork drawings and mock-ups. The Artist is continuing design development and addressing the interior of the artwork to create more visual interest and a cohesive surface. The Artist is reviewing potential materials for fire retardant levels, as well as interviewing possible fabricators. The Artist will likely seek Final Approval from the Cultural Affairs Commission in October.



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

# **Construction Progress**

Fabrication for the artworks has not started. Once the Artists have received Final Approval from the Cultural Affairs Commission, the Artists will receive a NTP with fabrication. Further notes on the specific projects:

Ball-Nogues Studio: The Artists will need a five-month lead time for ordering materials until delivery for the project. Within this period, the ball chain will be purchased, manufactured, shipped to the painter, painted, spooled, and then delivered to the Artists. After the Artists receive the material, they will begin cutting and assembly, which will take approximately two to three months.

# **Budget Status**

The Artists have received their second milestone payments. This project is tracking to the budget.

#### **Schedule Status**

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

Pae White: The Artist will need to complete installation within the North Concourse by late November to meet a mid-December opening.

Mark Bradford: The Artist's project is anticipated to complete on schedule.

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

Pae White: The CBP cables may need to be re-tensioned after the artwork is installed to maintain CBP's required 4" gap between its cables. The Artist's fabricators/installers are not eligible for bonding, which could impact the installation schedule.



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

#### **Project Description**

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

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

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

### **Planning and Programming Status**

Project definition is complete.

# **Design Progress**

Design for Renovation & Core Connection is 90% complete. Design for the Apron reconstruction is 80% complete.

#### **Construction Progress**

The CMAR procurement process is scheduled to commence in Fall 2012.

# **Budget Status**

The project is tracking on budget.

# **Schedule Status**

The project is trending on schedule.

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



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

# **Project Description**

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

# **Planning and Programming Status**

Project definition is complete.

# **Design Progress**

Design is 80% complete.

# **Construction Progress**

Construction was commenced in June 2012.

# **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

Construction has commenced.

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



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

# **Project Description**

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

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

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

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

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

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Terminal Pump Room Upgrades: The Specifications for this package were reviewed, returned and comments incorporated during July 2012. The revised specifications were issued for final review on July 27, 2012. Comments /approval will be provided by August 17, 2012. 60 % Mechanical and Electrical and Drawing Sets for the Pump Room work were issued for review on July 11, 2012 and July 27, 2012, respectively. Review and comment incorporation will be completed during August. Controls and Instrumentation conduit routing for fiber optic cabling in the terminals is ongoing and will complete in August 2012, pending approval of LADBS.

Commissioning and Training: The preliminary Training Plan was received in July 2012 and comments were returned. Submittal of the comprehensive Training Plan is forecast for the first week of August 2012. A detailed Commissioning Plan for the first Commissioning Phase (West Cooling Tower Commissioning) is also forecast for submittal the first week of August 2012. Operations and Maintenance Manuals for the Cooling Towers and York Chillers have been received and are under review.



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

# **Construction Progress**

Within the CUP footprint all floor decks are complete except for southern area on the ground floor, which will be poured in early August 2012 pending the completion of the main distribution for Heating and Cooling in this area. The electrical contractor is actively working in the electrical room with anticipation to begin delivery of main electrical panels in September 2012.

The internal framing is nearing completion and wall lining and insulation is progressing. Installation of fire sprinkler systems continues and all levels. Installation of air conditioning duct work continues on all levels.

On Level 2 preparatory work is underway for delivery of the Combustion Turbines in September 2012. On Level 3 the large 48" condenser water pipe was rejected due to wall heavy pitting and had to be replaced. Installation of the 48" condenser pipelines has recommenced. Pumps are scheduled to be delivered for installation in Mid-August 2012. And on Level 4, the delivery of air handlers to the West side is anticipated in October 2012.

#### **Budget Status**

This project is tracking to budget.

# **Schedule Status**

CMJV's schedule update was submitted for June 2012 and is under review. The project is currently behind schedule due to unforeseen conditions. CMJV and LAWA are discussing time impacts and mitigation measures

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

LAWA Is working with CMJV to clarify floor drains requirements for the Chillers and Pumps which may result in re-work of portions of the floors. And there is a coordination for the wet and dry utilities in the Bradley West East Apron area.



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

#### **Project Description**

This project provides for the repair and replacement of aging structural expansion joints on the Second-Level Roadway (SLR) in the Central Terminal Area (CTA). An expansion joint is an assembly designed to safely absorb the heat-induced expansion and contraction of adjoining concrete slabs. Specifically, this project will replace and repair joints and deck frames as recommended in the Caltrans bridge inspection report.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

The 65% design is in progress.

# **Construction Progress**

No construction contract awarded.

# **Budget Status**

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

#### **Schedule Status**

This project schedule may be impacted by the additional repair work being identified.

# <u>Issues</u>

The Design Team has identified additional work and is developing recommendations which include budget and schedule impacts.



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

# **Project Description**

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

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

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

The LADBS permit clearances are in progress. It is anticipated that the Habitat Plan will be completed in August 2012.

# **Construction Progress**

No construction contract awarded.

# **Budget Status**

This project is tracking on budget; though a prolonged CEQA analysis, described within the Issues below, may impact the project budget.

# **Schedule Status**

This project is trending on schedule.

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

The California Coastal Commission is the lead permitting agency for this project. The Commission recently opined that an analysis of the project's potential environmental impacts may be required under the California Environmental Quality Act (CEQA). Performance of the CEQA analysis could delay implementation of this project by nine- to 12-months.



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

#### **Project Description**

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

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

The Project Definition is complete.

#### **Design Progress**

Finalizing NIB (Notice of Inviting Bids)

# **Construction Progress**

No construction contract awarded.

#### **Budget Status**

The project is trending on budget.

#### **Schedule Status**

The project is tracking on schedule.

## <u>Issues</u>



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

# **Project Description**

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

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

The Project Definition is complete.

#### **Design Progress**

Design is 100% complete.

#### **Construction Progress**

GSD has completed the hazardous material abatement and demolition of existing structures on the site. Utility Excavation has commenced.

# **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The project is trending on schedule.

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

Parking control equipment may be added to the project scope which will impact the project budget.



# 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**

Not applicable.

# **Design Progress**

Design is underway for the next set of qualified units.

# **Construction Progress**

Currently there are six construction contracts ongoing.

This component of the Noise Mitigation / Soundproofing Program is 91% complete.

### **Budget Status**

This project is trending to complete on budget.

### **Schedule Status**

This project is on track to be completed in 2012.

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



# **RESIDENTIAL/SOUNDPROOFING ELEMENT - VNY Soundproofing (S008A)**

### **Project Description**

The Van Nuys Soundproofing Program, started in 2000, consists of soundproofing 1,049 dwelling units around VNY airport. Typical improvements include the replacement of windows, doors, fireplace doors, and dampers, installation of attic baffles, insulation and ventilation/HVAC systems. The program is strictly voluntary and free of charge to the homeowners.

This project consists of soundproofing the last units under the above program. Since the inception of the program, 726 units have already been soundproofed, the other 270 units are no longer eligible, have declined, or have not responded to multiple notifications.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is complete.

# **Construction Progress**

On August 15, 2011 a construction contract was awarded to Karabuild Development, Inc.

The Notice to Proceed was issued in September 2011.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

NTP was issued September 29, 2011.

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



# **TERMINAL ELEMENT - Elevators and Escalators Replacement (T001A)**

# **Project Description**

This project will upgrade / replace all aging elevators, escalators and moving walkways at LAX, which have exceeded their useful life expectancy. These units will be upgraded/replaced in staggered Priority Groups.

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

Project Definition is complete.

# **Design Progress**

Priority II-IV Site Mods - Design is 100% complete.

Priority II-IV GC MRL Elevators - Design is 100% complete.

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

# **Construction Progress**

Priority I Site Mods - Construction contract awarded to W.E. O'Neil Construction Company on August 17, 2009 -

Construction is 100% complete. Change Order scope of work is complete and the contract is being closed out.

Priority II - Procurement - Fabrication is at 44%. Eleven units in service.

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

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

Parking Structure MRL Elevators - Design contract was awarded April 2012. Site investigation work underway and design has begun.

# **Budget Status**

The two completed contracts have finished within budget; and the financial close-out is underway. The remaining contracts remain within budget.

#### **Schedule Status**

Priority II-IV Site Mods contract began June 20, 2012. First units began installation in July 2012.

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

The remaining KONE contract extension issues have been negotiated and the contract completion was June 22, 2012.



# **TERMINAL ELEMENT - Fire Life Safety System Upgrades T1 & T2 (T006A)**

#### **Project Description**

This project replaces the existing, outdated, noncompliant Fire Life Safety Systems in Terminals 1 (T1) and 2 (T2) with new systems that will bring T1 and T2 in full compliance with Los Angeles Fire Department (LAFD) requirements and current Fire and Building Codes, including the Americans with Disabilities Act's (ADA) visible fire alarm notification requirements. The work includes the upgrades of all fire alarms systems, strobes, annunciation panels, conduit and wiring. Complete tests will be performed at installation milestones to assure that the new system meets all current requirements. Completing this work will eliminate costly fire watch conditions and provide effective warning signals for passengers and users of the terminals in case of fire and other emergencies.

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

Project Definition is Complete.

#### **Design Progress**

The initial design documents are complete.

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

# **Construction Progress**

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

Construction work at Terminal 1 is nearing 80% and Terminal 2 is nearing 40% complete.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

A revised recovery schedule will be submitted for approval due to changes in subcontractor (see Issues below).

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

Two new subcontractors will be on board to perform work in the Custom Area, since the existing subcontractors are not able to obtain the custom bond.



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

#### **Project Description**

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

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

The Project Definition phase is complete.

#### **Design Progress**

The design is substantially complete.

#### **Construction Progress**

General Services Division (GSD) has been given Task Orders for this project; and construction was started in April 23, 2012. Phase 1 is anticipated to complete in mid-September 2012; and consists of 11 of 18 ticket positions, the terrazzo flooring and ceiling renovations.

#### **Budget Status**

The budget impact of the additional flooring work is being evaluated.

# **Schedule Status**

The schedule impact of the additional flooring work is being evaluated.

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

There is additional flooring work caused by unforeseen conditions; which may impact the budget and schedule.



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

# **Project Description**

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

# **Planning and Programming Status**

The Project Definition phase is complete.

# **Design Progress**

The contracting strategy for design services is developed; and the selection is underway.

# **Construction Progress**

No construction contract is awarded.

### **Budget Status**

The project is trending on budget.

# **Schedule Status**

The project is tracking to schedule.

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



# **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**

Each terminal will have its own design schedule. Design is underway for Terminals 5 and 7.

#### **Construction Progress**

All Electrical Work in Terminal 5 is complete and being turned over to the facilities management group.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The project is trending on schedule.

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

None at this time.



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

#### **Project Description**

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

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

The Project Definition phase is complete.

#### **Design Progress**

The contracting strategy for design services is developed; and the selection is underway.

### **Construction Progress**

No construction contract is awarded.

#### **Budget Status**

The project is tracking on budget.

#### **Schedule Status**

The project is trending on schedule.

#### **Issues**

None at this time.



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

#### **Project Description**

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

## **Planning and Programming Status**

The Project Definition phase is complete.

#### **Design Progress**

Phase 1A - Design is 100% complete.

Phase 1B - Various design contracting options are being evaluated.

# **Construction Progress**

Phase 1A- Construction is 80% complete.

Phase 1B - The construction contract is not yet awarded.

#### **Budget Status**

The project is trending on budget; though a potential cost impact is being evaluated.

#### **Schedule Status**

The project is tracking on schedule.

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

A proposal to perform the demolition and construction of half a ramp at a time is being evaluated. This option is preferable, since it keeps part of the ramp open throughout the construction process. However, there is a cost impact, which is being evaluated.



## **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 - VNY Runway 16R (A016A)**

### **Project Description**

The project consists of the reconstruction of Runway 16R and the run-up area at Van Nuys Airport, including the removal of existing deteriorating pavement, construction of a new structural asphalt concrete (AC) pavement section, pavement markings, and lighting systems. The new pavement shall be designed to meet current and future anticipated aircraft operational demands.

#### Issues / Status

The advertisement for a construction contract is placed; and bids are expected in August 2012.



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

## **Project Description**

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

#### Issues / Status

The Project Definition is nearing completion.



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

## **Project Description**

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

#### **Issues** / Status

The solicitation for a Design-Build contractor is being developed.



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

## **Project Description**

This project implements various improvements that will dramatically enhance the passenger experience. The improvements adeptly capture and resonate the vibrant spirit of LAX by creating an inspiring and dynamic pedestrian and vehicular experience. The improvements are focused upon the northern CTA and include: installation of innovative lighting treatments along the roadway and terminals; brightening of the pedestrian arrivals area; and refreshing the lighting within the airport parking garages 3 and 4.

#### **Issues** / Status

Project Definition is finalizing.



# **WORK IN PROGRESS - Terminal 2 Restroom Enhancements (T020A)**

## **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals). 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 within the restrooms and new plumbing within the restroom. The project also includes enhancing the ventilation for the Janitor closets.

#### **Issues** / Status

The Project Definition phase is underway.



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

#### **Project Description**

The Bag Claim and Ticketing refresh project includes repainting and replacing finishes on the ticketing level and bag claim level to extend the life of the interior spaces by 5- to 7-years. On the Ticketing level there will be new ceilings and lighting, new carpeting installed over the tile, new base and painting of walls, new wall finish on the wall behind the ticket counters and new monitors for common use signage. The improvements on the bag claim level include new paint and base, refinishing the bag drops at the carousels, new ceilings, a new wall at the exit from customs, new information desks, and re-arrangement of the concessions at the international arrivals area.

#### **Issues / Status**

The Project Definition phase is underway.



# **WORK IN PROGRESS - Terminal 7 Restroom Enhancements (T022A)**

## **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals). 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 within the restrooms and new plumbing within the restroom. The project also includes enhancing the ventilation for the Janitor closets.

#### **Issues** / Status

The Project Definition phase is underway.



## PROGRAM MASTER SCHEDULE OVERVIEW

#### User's Guide - Schedule

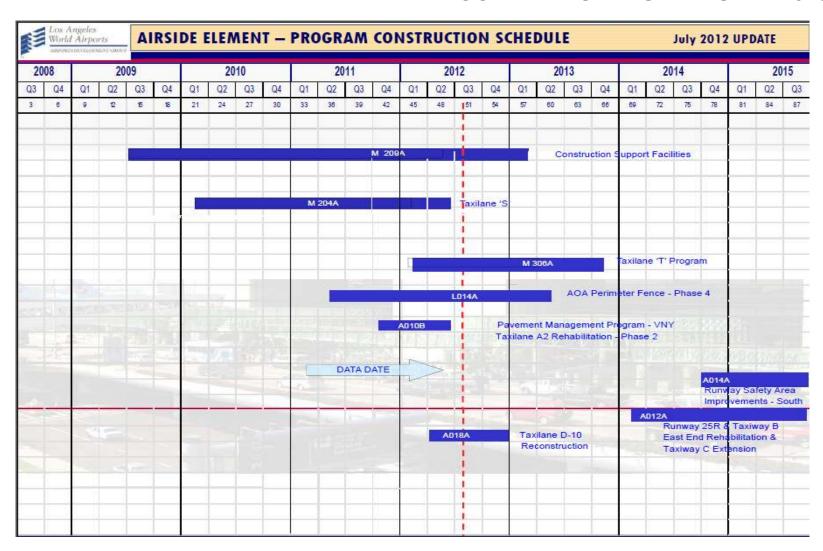
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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.

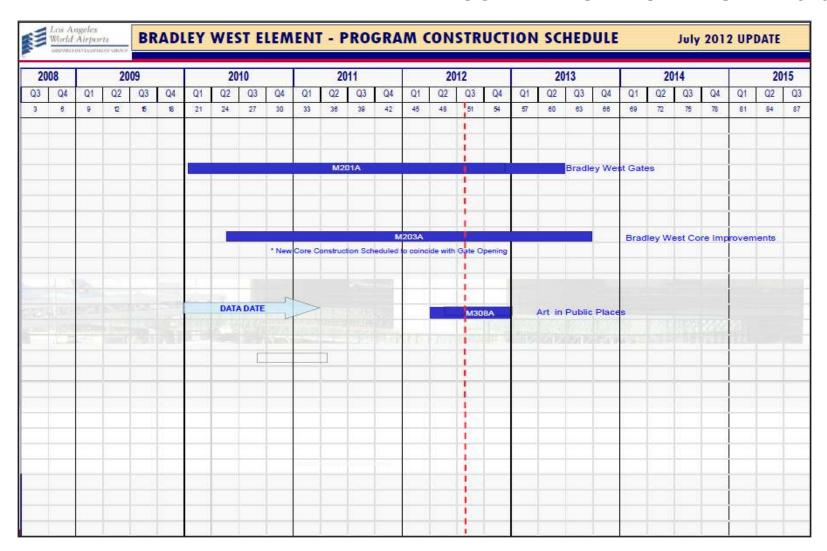
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

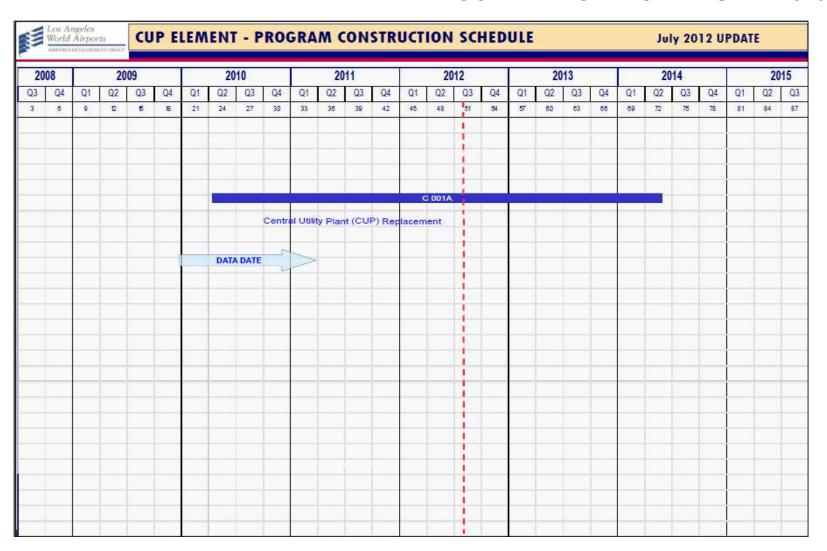




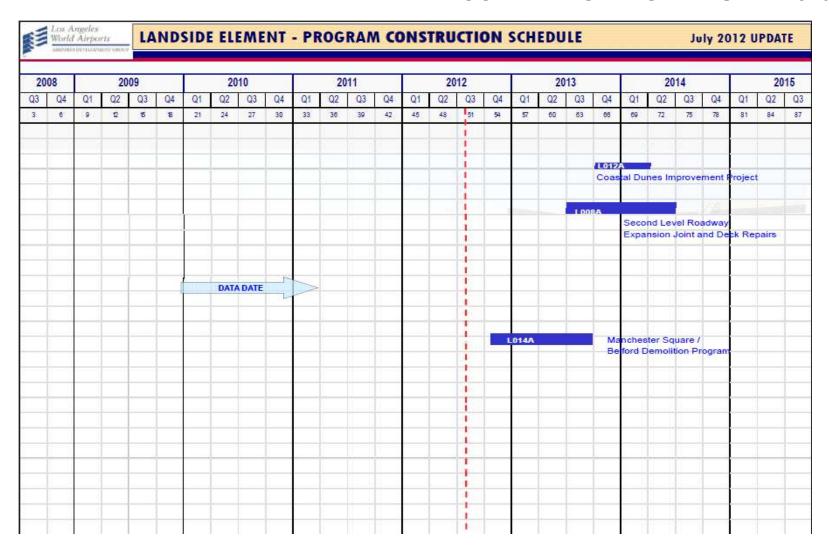




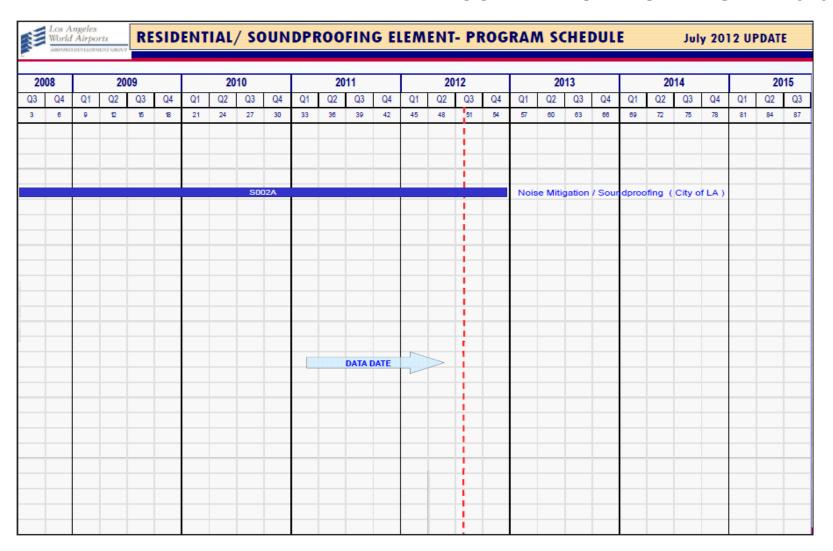




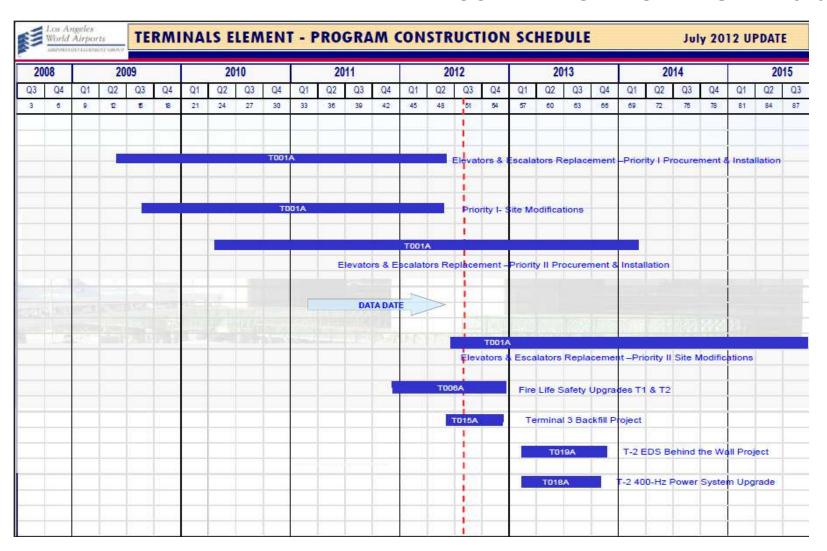














#### **BUDGET OVERVIEW**

#### **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.

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 7/31/2012

			(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	286,270	327,801	196,849	162,809	313,097	14,705	52%	34%
Bradley West Element	2,037,373	1,892,214	1,406,417	960,247	1,823,584	68,630	53%	0%
CUP Replacement Element	423,835	423,835	343,014	161,939	416,610	7,225	39%	17%
Residential/Soundproofing Element	180,000	160,000	154,144	145,889	160,000	0	91%	0%
Terminal Element	270,000	240,035	190,727	65,302	208,326	31,709	31%	8%
Closed Projects	232,257	N/A	N/A	187,798	N/A	N/A	N/A	N/A
	3,429,735	3,043,884	2,291,151	1,683,984	2,921,616	122,268	58%	25%
Capital Budget 2								
Airside Element	134,944	134,944	16,637	5,973	125,603	9,341	5%	1%
Landside Element	31,114	31,114	7,924	979	29,836	1,279	4%	0%
Residential/Soundproofing Element	1,317	1,317	1,030	532	1,214	103	44%	0%
Terminal Element	32,513	32,154	8,994	2,999	28,236	3,918	11%	0%
Closed Projects	7,970	N/A	N/A	5,065	N/A	N/A	N/A	N/A
	207,858	199,529	34,584	15,548	184,889	14,641	9%	25%
Subtotal	3,637,593	3,243,413	2,325,735	1,699,531	3,106,505	136,909	N/A	N/A
Unallocated Contingency	N/A	200,024	0	0	N/A	N/A	N/A	N/A
	N/A	200,024	0	0	N/A	N/A	N/A	N/A
Capital Budget 2								
Work in Progress	N/A	0	14,887	9,485	N/A	N/A	N/A	N/A
	N/A	0	14,887	9,485	N/A	N/A	N/A	N/A
Program Total	N/A	3,443,437	2,340,622	1,709,017	N/A	N/A	N/A	N/A



# AIRSIDE ELEMENT BUDGET REPORT as of 7/31/2012

				(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
	AIRSIDE								
	Capital Budget 1								
M204A	Taxilane 'S'	174,980	162,041	156,293	141,559	161,491	551	88%	72%
M306A	Taxilane 'T'	96,500	156,284	32,079	14,154	142,787	13,497	10%	3%
M209A	Construction Support Facilities	14,790	9,475	8,477	7,096	8,819	656	80%	57%
	Capital Budget 1 Total	286,270	327,801	196,849	162,809	313,097	14,705	52%	34%
	Capital Budget 2								
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	1,072	1,072	41,159	2,078	3%	0%
A018A	Taxilane D-10 Reconstruction	9,062	9,062	7,604	1,293	8,144	918	16%	4%
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	8	8	67,802	5,404	0%	0%
A010B	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,468	2,173	2,448	485	89%	10%
L014A	AOA Perimeter Fence - Phase 4	6,506	6,506	5,484	1,427	6,050	456	24%	3%
	Capital Budget 2 Total	134,944	134,944	16,637	5,973	125,603	9,341	5%	1%
	Airside Total	421,214	462,745	213,486	168,781	438,700	24,045		



# BRADLEY WEST ELEMENT BUDGET REPORT as of 7/31/2012

				(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								
	Capital Budget 1								
M201A	Bradley West Gates	906,474	836,599	737,882	578,602	819,575	17,024	71%	40%
M203A	Bradley West Core Improvements	808,364	720,089	625,541	366,624	708,364	11,725	52%	0%
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	735	0	0	682	53	0%	0%
M308A	Art In Public Places	5,360	5,360	5,360	3,000	5,360	0	56%	0%
M402A	Bradley West Core Renovation/East Ramp and Concourse Demo Project	273,170	273,170	14,041	12,021	243,820	29,350	5%	0%
M403A	New Face of CTA - Phase 1	43,270	56,261	23,593	0	45,783	10,478	0%	0%
	Capital Budget 1 Total	2,037,373	1,892,214	1,406,417	960,247	1,823,584	68,630	53%	17%
	Bradley West Total	2,037,373	1,892,214	1,406,417	960,247	1,823,584	68,630		



# CUP REPLACEMENT ELEMENT BUDGET REPORT as of 7/31/2012

				(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	423,835	343,014	161,939	416,610	7,225	39%	17%
	Capital Budget 1 Total	423,835	423,835	343,014	161,939	416,610	7,225	39%	17%
	CUP Replacement Total	423,835	423,835	343,014	161,939	416,610	7,225		



# LANDSIDE ELEMENT BUDGET REPORT as of 7/31/2012

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	LANDSIDE								
	Capital Budget 2								
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	18,900	2,767	338	18,500	400	2%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	537	364	2,780	220	13%	0%
L015A	Manchester Square / Belford Demolition Program	1,981	1,981	12	12	1,839	142	1%	0%
L016A	Jenny Lot Site Modifications	7,233	7,233	4,608	264	6,716	517	6%	0%
	Capital Budget 2 Total	31,114	31,114	7,924	979	29,836	1,279	4%	0%
	Landside Total	31,114	31,114	7,924	979	29,836	1,279		

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



# RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 7/31/2012

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	RESIDENTIAL/SOUNDPROOFIN								
•	Capital Budget 1								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	154,144	145,889	160,000	0	91%	0%
	Capital Budget 1 Total	180,000	160,000	154,144	145,889	160,000	0	91%	0%
	Capital Budget 2								
S008A	VNY Soundproofing	1,317	1,317	1,030	532	1,214	103	44%	0%
	Capital Budget 2 Total	1,317	1,317	1,030	532	1,214	103	44%	0%
	Residential/Soundproofing Total	181,317	161,317	155,174	146,422	161,214	103		



# TERMINAL ELEMENT BUDGET REPORT as of 7/31/2012

				(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								
	Capital Budget 1								
T001A	Elevators and Escalators Replacement	270,000	240,035	190,727	65,302	208,326	31,709	31%	8%
	Capital Budget 1 Total	270,000	240,035	190,727	65,302	208,326	31,709	31%	8%
	Capital Budget 2								
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	4,256	3,200	1,417	3,617	638	39%	0%
T015A	Terminal 3 Backfill Project	5,846	6,531	5,267	1,571	6,436	95	24%	0%
T019A	T-2 EDS Behind the Wall Project	14,246	14,246	0	0	12,003	2,244	0%	0%
T017A	Concessions Enabling Project	3,445	3,445	400	0	2,767	678	0%	0%
T018A	T-2 400-Hz Power System Upgrade	1,676	1,676	0	0	1,556	120	0%	0%
T016A	ADA Accessibility Improvements	2,000	2,000	126	11	1,857	143	1%	0%
	Capital Budget 2 Total	32,513	32,154	8,994	2,999	28,236	3,918	11%	0%
	Terminal Total	302,513	272,189	199,721	68,301	236,562	35,627		



# WORK IN PROGRESS BUDGET REPORT as of 7/31/2012

				(dollars in thous	sands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	WORK IN PROGRESS								
<b>!</b>	Capital Budget 2								
A016A	VNY Runway 16R	N/A	0	934	57	N/A	N/A	N/A	N/A
A017A	West Maintenance Area	N/A	0	8,029	5,719	N/A	N/A	N/A	N/A
T011A	Terminal 4 Connector	N/A	0	176	176	N/A	N/A	N/A	N/A
T012A	New Face of CTA - Phase 2	N/A	0	5,748	3,533	N/A	N/A	N/A	N/A
T020A	Terminal 2 Restroom Enhancements	N/A	0	0	0	N/A	N/A	N/A	N/A
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	N/A	0	0	0	N/A	N/A	N/A	N/A
T022A	Terminal 7 Restroom Enhancements	N/A	0	1	1	N/A	N/A	N/A	N/A
	Capital Budget 2 Total	0	0	14,887	9,485	N/A	N/A	N/A	N/A
	Work in Progress Total	N/A	0	14,887	9,485	N/A	N/A		



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### PROGRAM CASH FLOW OVERVIEW

#### User's Guide - Cash Flow

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

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

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

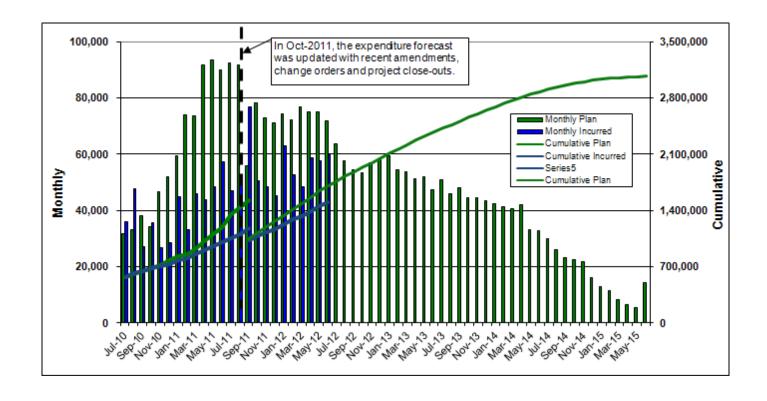
Cumulative Plan - Represents the summation of the Monthly Plan amounts, to a given point in time, and provides the user with an overall forecast.

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



# PROGRAM CASH FLOW

as of 7/31/2012

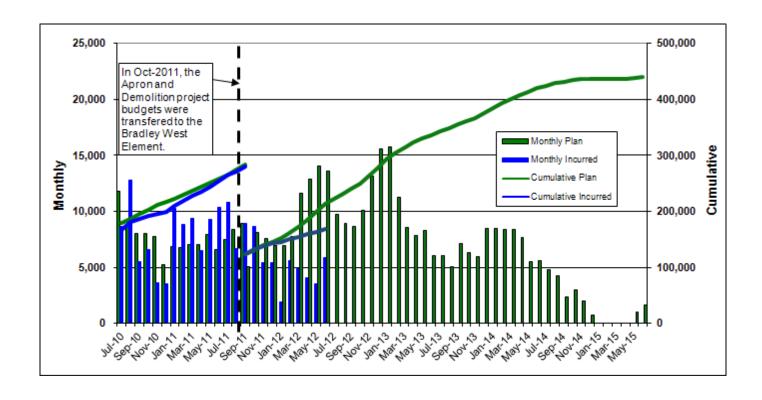


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# AIRSIDE ELEMENT CASH FLOW

as of 7/31/2012

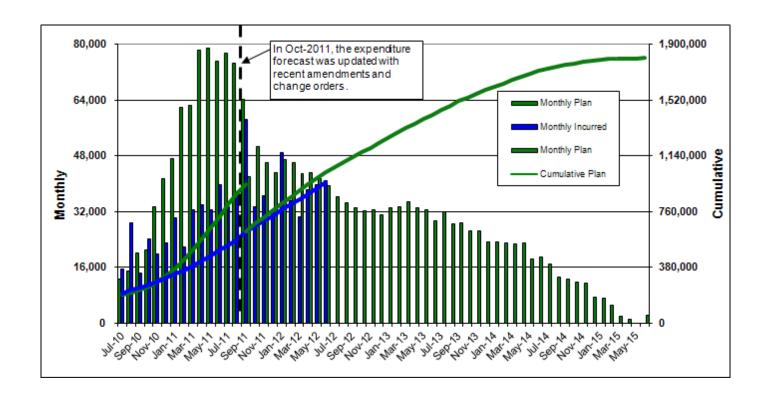


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## **BRADLEY WEST ELEMENT CASH FLOW**

as of 7/31/2012

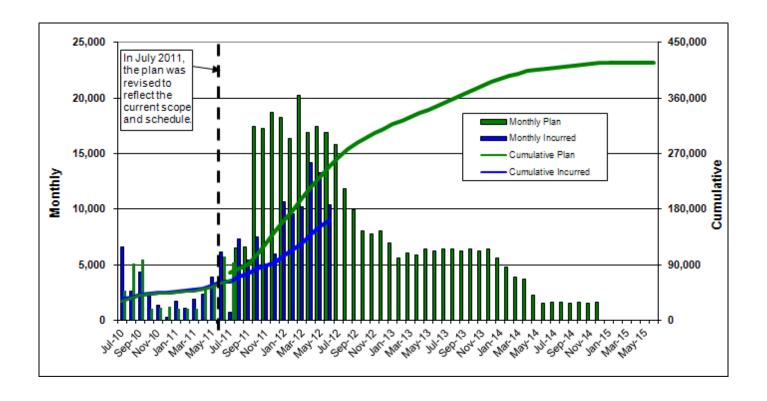


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## **CUP REPLACEMENT CASH FLOW**

as of 7/31/2012

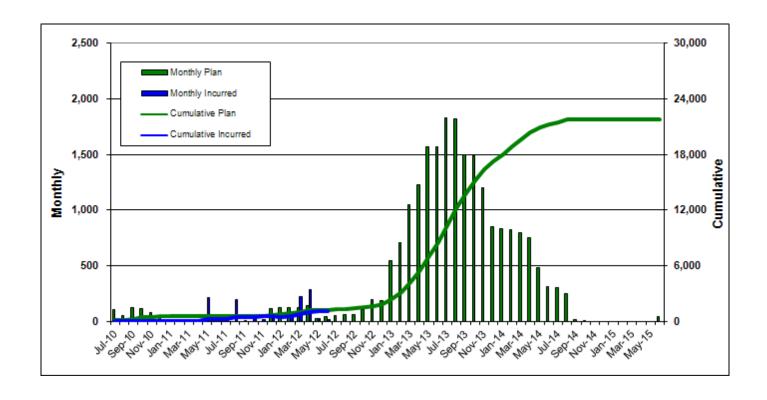


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# LANDSIDE ELEMENT CASH FLOW

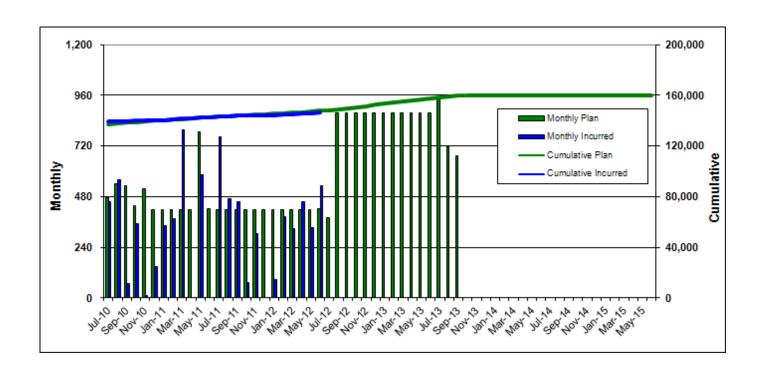
as of 7/31/2012



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



# RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW as of 7/31/2012

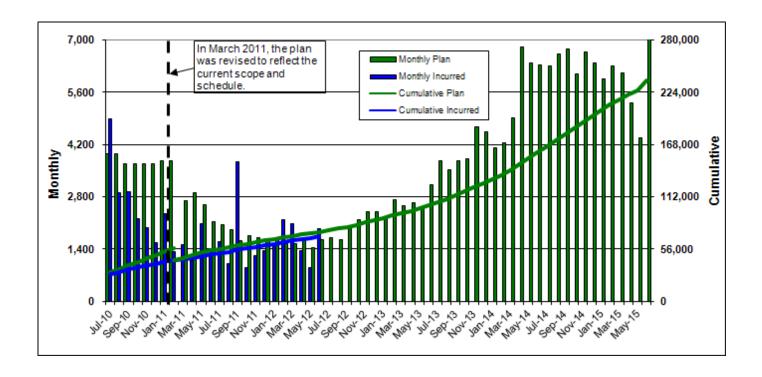


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



## TERMINALS ELEMENT CASH FLOW

as of 7/31/2012



#### Notes:

- 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

Element								as of 7/31/20
	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes	
	Airside Element							
	M306B - DEMOLITION OF LOW BAY HANGAR AND SKY CHEF BUILDING & DELUGE SYSTEM MODIFICATIONS							
		DA-4690	0003	\$130,000			Revised Electrical Design	



# CHANGE ORDERS - Continued as of 7/31/2012

#### Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
Bradley West Element					
DA-4337 - BRADLEY WES	ST GATES (DA-4	337)			
DA-4337	8000	\$0			Administrative Change to Exhibit A Personnel Authorization Hourly Rates Effective Date
DA-4337/CGMP01	0033	\$7,505			1.33 BWG - Curb Conflict at Paper Towel Dispenser TA-2 Installation
DA-4337/CGMP01	0034	\$3,423			1.34 BWG - Bus Connector Connection into Existing North Concourse     (Electrical)
DA-4337/CGMP01	0035		\$308,170		1.35 BWG - Addition of Revit Model to As-Built Record Requirements - Closeout Documentation Using VEO - Archive Software
DA-4337/CGMP02	0301		\$220,164		2.301 Gates West Pier Roof Decking Tie to High Roof Interface (Steel)
DA-4337/CGMP02	0302	\$8,644			2.302 BWG- Roof Deck Extension at Binnacle Access Platform - RFI 6070
DA-4337/CGMP02	0303	\$39,911			CANCELLED 2.303 BWG - Added Structural Support for Glass Partition in Escalators - GDN 089 (Steel)
DA-4337/CGMP02	0304	\$3,860			2.304 BWG - Bus Connector Escalator Bearing Points and Ramp Edge (ADG RFI-104) (Steel)
DA-4337/CGMP02	0305	\$24,912			CANCELLED (SEE CGMP 02.317) 2.305 BWG - Revised Chimney Framing Detail Modifications
DA-4337/CGMP02	0306	\$9,649			2.306 BWG - Bent Plate for Pylon Embeds Near "AA" Line between "S42" and "S44"
DA-4337/CGMP02	0307	\$17,296			2.307 BWG- Transport and Handling Stored Materials (October Billing)
DA-4337/CGMP02	0308	\$15,717			2.308 BWG- Transport and Handling Stored Materials (November Billing)
DA-4337/CGMP02	0309	\$19,284			2.309 BWG- Transport and Handling Stored Materials (December Billing)
DA-4337/CGMP02	0310	\$23,215			2.310 BWG- Transport and Handling Stored Materials (January Billing)
DA-4337/CGMP02	0311	\$22,077			2.311 BWG- Transport and Handling Stored Materials (February Billing)
DA-4337/CGMP02	0312	\$25,654			2.312 BWG- Transport and Handling Stored Materials (March Billing)
DA-4337/CGMP02	0313	\$13,156			2.313 BWG- Transport and Handling Stored Materials (April Billing)
DA-4337/CGMP02	0314	\$17,422			2.314 BWG- Transport and Handling Stored Materials (May Billing)
DA-4337/CGMP02	0315	(\$11,759)			2.315 IWBT - RFI 4284 Elimination of Storm Drain Manhole 1A
DA-4337/CGMP02	0316	(\$30,810)			2.316 BWG - Added Structural Support for Glass Partition in Escalators - GDN 89 (Steel)
DA-4337/CGMP02	0317	\$21,446			2.317 BWG - Revised Chimney Framing Detail Modifications
DA-4337/CGMP02	0318	\$16,585			2.318 Request to Replenish Contingency - Approved OT/Acceleration
DA-4337/CGMP03	0065	\$40,977			CANCELLED 3.65 BWG - Bus Connector Foundation
DA-4337/CGMP03	0066	\$433			3.66 BWG - RFI 6734 - PCC Apron Around Grease Interceptors



DA-4337 - BRAD	LEY WEST	GATES	(DA-4337)
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DA-4337/CGMP04	0159	\$12,231	4.159 BWG - Fabricated Stairs Storage and Handling at LAWA Owned Yard
DA-4337/CGMP04	0160	\$91,651	4.160 BWG - Structural Revisions to the As-Built Deck Edge Notch for Seismic Joint (RFI 5965, ADG-136) (Concrete)
DA-4337/CGMP04	0161	\$1,582	4.161 BWG - Revised Width of Boundary Element in Detail 13, 14/S4300 (RFI - 3680)
DA-4337/CGMP04	0162	\$7,421	4.162 BWG - Added Structural Support for Glass Partition in Escalators - GDN 89 (Concrete)
DA-4337/CGMP04	0163	\$3,473	4.163 BWG - Bus Connector Escalator Bearing Points and Ramp Edge (ADG RFI-104) (Concrete)
DA-4337/CGMP04	0164	\$16,600	4.164 BWG - Added Dowels to Level 5 Stair ST3 Landing at South Piers (RFI's 5181 and 5400)
DA-4337/CGMP05	0083	\$9,117	5.83 BWG - Structural Revisions to the As-Built Deck Edge Notch for Seismic Joint (RFI 5965, ADG-136) (Miscellaneous Metals)
DA-4337/CGMP05	0084	\$46,783	5.84 Gates West Pier Roof Decking Tie to High Roof Interface (Misc Metals)
DA-4337/CGMP05	0085	\$6,384	5.85 Gates Custom CMP Soffit End Cap Due to Deck Edge
DA-4337/CGMP05	0086	\$54,737	5.86 BWG - Deck Bearing at Fall Resistant Posts at the Piers (RFI-6045) (Miscellaneous Metals)
DA-4337/CGMP06	0046	\$17,702	6.46 BWG - Gutter Flood Testing (GDN-181)
DA-4337/CGMP06	0047	\$39,673	6.47 BWG: Roof Expansion Joint Change at N1
DA-4337/CGMP06	0048	\$8,008	6.48 BWG: Extending of FP Standpipes to the Roof of all Piers per LADBS Correction Notice #12DFK00115 (PVC Roof)
DA-4337/CGMP06	0049	\$43,000	6.49 BWG - Elevator Smoke Detector Roof Hatch (ADG RFI-148) (PVC Roof)
DA-4337/CGMP06	0050	\$6,047	6.50 BWG - Deck Bearing at Fall Resistant Posts at the Piers (RFI-6045) (PVC Roof)
DA-4337/CGMP07	0116	\$2,711	7.116 BWG - Bus Connector Connection into Existing North Concourse (Fire Protection)
DA-4337/CGMP07	0117	\$8,076	7.117 BWG - RFI 6776 Thermal Storage Tanks Balancing Valves Requirement
DA-4337/CGMP07	0118	(\$355)	7.118 RFI 6478 CSFD's Opening Conflicts in Gate 131, 132 and 133 (HVAC)
DA-4337/CGMP07	0119	\$17,056	7.119 BWG - Facilities Systems Managed Switches
DA-4337/CGMP07	0120	\$31,953	7.120 BWG - South Concourse Smoke Dampers Actuator Replacement
DA-4337/CGMP07	0121	\$44,583	7.121 BWG - Additional Sprinkler Heads Required above Duty Free Shops due to Field AHJ Comments (Fire Protection)
DA-4337/CGMP07	0122	\$26,273	7.122 BWG: Additional Cost To Set Temporary Boilers and Cooling Towers Due To Tower Crane #1 Being Removed
DA-4337/CGMP07	0123	\$15,070	7.123 Purging of Gas Line Prior to Sempra Meter Install and Start-Up
DA-4337/CGMP07	0124	\$90,779	7.124 BWG: Extending of FP Standpipes to the Roof of all Piers per LADBS Correction Notice #12DFK00115 (Fire Protection)



DA-4337/CGMP08	0164	\$2,063	8.164 BWG Neutral Feed to 1N2BM2
DA-4337/CGMP08	0165	\$28,453	8.165 BWG Otis Elevator Conduit Loop for Moving Walk MW6S05 and MW7S05
DA-4337/CGMP08	0166	\$3,674	8.166 BWG - Elevator Room Door Swing Direction and Clearance (Electrical)
DA-4337/CGMP08	0167	\$10,728	8.167 BWG - RFI 5128, 5383 - Elect - PCA Equipment Shutdown Switch
DA-4337/CGMP08	0168	\$5,597	8.168 BWG - Electrical Circuit for Glycol Feed Unit ET-3GT
DA-4337/CGMP08	0169	\$18,680	8.169 BWG - F30 Light Fixture Re-specification
DA-4337/CGMP08	0170	\$94,036	8.170 BWG - SSI - Fuel Control System Coordination (Multimode Fiber and Electrical, GDN-0183)
DA-4337/CGMP08	0171	\$44,083	8.171 BWG - SSI Add Security Cameras to BGC Building (GDN-198)
DA-4337/CGMP08	0172	\$16,961	8.172 Gates Piers CBP Interview Room Door Location Change (Electrical)
DA-4337/CGMP08	0173	(\$207,944)	8.173 BWG - SSI - Deletion of Broadband Television Distribution System (GDN-80)
DA-4337/CGMP08	0174	\$2,859	8.174 BWG - Added Structural Support for Glass Partition in Escalators - GDN 089 (Electrical)
DA-4337/CGMP08	0175	\$757	8.175 BWG: RFI 6824 - Fire Alarm Pull Stations at Level 5 Pylons (Electrical)
DA-4337/CGMP08	0176	\$3,682	8.176 BWG Location of FCU-N9
DA-4337/CGMP08	0177	\$3,401	8.177 BWG - Int - Speaker Strobe At Access Binnacle and Ladder - RFI 6916 (Electrical)
DA-4337/CGMP08	0178	\$12,881	8.178 BWG - Elect - A32 Sign and ACAMS Conflict At Pier Entry Stairway Door - RFI 6404 and 6648 (Electrical)
DA-4337/CGMP08	0179	(\$40,123)	8.179 BWG: Delete FX1ap Fixture at North Concourse Area N3
DA-4337/CGMP08	0180	(\$23,003)	8.180 BWG: SSI- Microphone Paging Cable Reduction
DA-4337/CGMP08	0181	\$36,042	8.181 BWG: RFI ADG-80 and RFI ADG-81 ACAMS Modifications and Door Hardware Coordination
DA-4337/CGMP08	0182	\$3,059	8.182 BWG: Conduit Conflict with Miscellaneous Steel at Gridline DD and S6
DA-4337/CGMP08	0183	\$19,154	8.183 BWG: RFI 6205 Hard Wire Paper Towel Dispensers
DA-4337/CGMP08	0184	\$3,945	8.184 BWG - Rating at Exterior Wall of Electrical Room N1 Arch Clarification
DA-4337/CGMP08	0185	\$72,804	8.185 BWG - Elevator Smoke Detector Roof Hatch (ADG RFI-148) (Electrical)
DA-4337/CGMP09	0060	\$1,482	9.60 BWG - Back-up Steel and RBM Connection Conflict at N3 and DD
DA-4337/CGMP09	0061	\$4,175	9.61 BWG - Structural Revisions to the As-Built Deck Edge Notch for Seismic Joint (RFI 5965, ADG-136) (Applied Fireproofing)
DA-4337/CGMP09	0062	(\$45,710)	9.62 BWG - Clerestory Walkable Surface Substrate Change and Vinyl Tile Finish (GDN 159)



DA-4337/CGMP09	0063	\$36,436		9.63 Request to Replenish Contingency - Approved OT/Acceleration (Exterior Framing and Sheathing)
DA-4337/CGMP10	0105	\$3,492		10.105 BWG - Elevator Room Door Swing Direction and Clearance (Interior Framing and Drywall)
DA-4337/CGMP10	0106	\$10,982		10.106 RFI 6478 CSFD's Opening Conflicts in Gate 131, 132 and 133 (Interior Framing and Drywall)
DA-4337/CGMP10	0107	\$1,840		10.107 BWG - Additional Sprinkler Heads Required above Duty Free Shops due to Field AHJ Comments (Interior Framing and Drywall)
DA-4337/CGMP10	0108	\$10,191		10.108 Gates Piers CBP Interview Room Door Location Change (Interior Framing and Drywall)
DA-4337/CGMP10	0109	\$1,033		10.109 BWG - Added Structural Support for Glass Partition in Escalators - GDN 089 (Interior Framing and Drywall)
DA-4337/CGMP10	0110	\$5,273		10.110 BWG: RFI 6753 - Relocation of South Wall at Family Restroom 4N2-10
DA-4337/CGMP10	0111	\$67,844		10.111 BWG - Elect - A32 Sign and ACAMS Conflict At Pier Entry Stairway Door - RFI 6404 and 6648 (Interior Framing and Drywall)
DA-4337/CGMP10	0112	\$5,923		10.112 BWG - Bus Connector Level 4 Ceiling at AA.03 (ADG-151) (Interior Framing and Drywall)
DA-4337/CGMP10	0113	\$48,763		10.113 BWG - Add Return Air Opening and Grille at Pier Light Cove (GDN-167) (Interior Framing and Drywall)
DA-4337/CGMP12	0057	\$13,106		12.57 BWG - Stainless Steel Louvers at Architectural Concrete Piers in Hold Rooms
DA-4337/CGMP12	0058		\$561,837	12.58 Gates Revised Decorative Screen Design at Smoke Damper Clerestory
DA-4337/CGMP12	0059	\$986		12.59 BWG: RFI 6824 - Fire Alarm Pull Stations at Level 5 Pylons (Interior Glass)
DA-4337/CGMP12	0060	\$2,711		12.60 BWG - Int - Speaker Strobe At Access Binnacle and Ladder - RFI 6916 (Decorative Metal)
DA-4337/CGMP12	0061	\$4,266		12.61 Gates Door Core Cylinder Upgrade for Levels 1 and 3 North Concourse
DA-4337/CGMP12	0062	\$41,569		12.62 BWG: Restroom Towel Dispenser Shroud (GDN-199)
DA-4337/CGMP12	0063	(\$1,933)		12.63 BWG - Bus Connector Level 4 Ceiling at AA.03 (ADG-151) (Decorative Metals)
DA-4337/CGMP13	0048	\$50,014		13.48 BWG - Bus Connector Connection into Existing North Concourse (Terrazzo)
DA-4337/CGMP13	0049	\$7,499		13.49 BWG - Product Info and Detail for Chain Link C&M Charging Room (GDN-56)
DA-4337/CGMP13	0050	\$6,972		13.50 BWG - Add Return Air Opening and Grille at Pier Light Cove (GDN-167) (Painting)
DA-4337/CGMP15	0002	\$606		15.2 BWG - Bus Connector Connection into Existing North Concourse (Signage and Graphics)

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



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

DA-4382/CGMP01	0070	\$7,384		1.70 ESA - Additional Electrical Work Performed at the Request of LAWA Inspection
DA-4382/CGMP01	0071	\$29,864		1.71 WSA - Additional Unforeseen Conditions (Concrete, Rebar, Mics. Debris) Within Project Site
DA-4382/CGMP01	0072	(\$18,476)		1.72 WSA - Revisions to AOA Fence and Gates
DA-4382/CGMP01	0073		\$255,386	1.73 LAWA ADG Office Trailer Facility
DA-4382/CGMP01	0074		\$362,799	1.74 Addition of REVIT Model to As-Built Record Requirements - Closeout Documentation Using VEO - Archive Software
DA-4382/CGMP01	0075	\$7,544		1.75 BWC Reconfigure Access to the South Limits of the Bradley West Site to New Location of Taxilane VSR Sierra
DA-4382/CGMP04	0109	\$1,955		4.109 C4EL02-04 Machine Beams End Support (Conveyances)
DA-4382/CGMP05	0025	(\$11,046)		5.25 Core Fall Restraint Credit
DA-4382/CGMP06	0184	\$1,019		6.184 Core Curtainwall Back-Up Steel LADBS Comments - CDN 43
DA-4382/CGMP06	0185	\$3,071		6.185 Core Level 1 CMU Wall Reinforcement for Exceeding Heights (Concrete)
DA-4382/CGMP06	0193	\$33,541		6.193 BWC Revised Steel Framing for IEMS Bon Voyage Feature - CDN - 124 (Steel)
DA-4382/CGMP06	0194	\$3,335		6.194 High Roof Decking at gridlines X7.7, X 13.7 and X19.7- RFI ADG - 107
DA-4382/CGMP06	0195	\$11,952		6.195 BWC Beam Connections to Gridline 60 Concrete Wall Level 6 - RFI-4646
DA-4382/CGMP06	0196	\$10,017		6.196 BWC - Stair C7ST04 Support Beam Extension - RFI-3501
DA-4382/CGMP06	0197	\$9,923		6.197 Structural Detail for Exterior Light Pole Mounting - CDN-116
DA-4382/CGMP06	0198	\$32,443		6.198 C4EL02-04 Machine Beams End Support (Steel)
DA-4382/CGMP06	0199	\$9,627		6.199 Level 7 Interior Embed Plate Procurement for Future CDN-245
DA-4382/CGMP06	0200	\$3,282		6.200 RFI 4572 - Concrete Ledge and Curb for CMU Walls and Veneer at Elevator
DA-4382/CGMP06	0201	\$1,074		6.201 Use of Formsavers for Tie Beam at Gridline X19/Y5 - FD-313
DA-4382/CGMP06	0202	\$4,714		6.202 BWC - Moment Frame Connection at Level 7 Doghouse - RFI 5160
DA-4382/CGMP06	0203	\$530		6.203 Cancels CGMP Rev 6.189
DA-4382/CGMP06	0204	(\$521)		6.204 BWC - Level 02 Structural Framing at Elevator C5EL01-02 - RFI ADG-108 (Concrete)
DA-4382/CGMP06	0205	\$12,615		06.205 BWC - Elevator C2EL-01 Top of Shaft - RFI ADG-0114 (Concrete)
DA-4382/CGMP06	0206	\$7,874		6.206 RFI 2274 - Shear Wall End Added Bars Arrangement on S3203
DA-4382/CGMP06	0207	\$1,396		6.207 BWC - Base Plate size reduction at Column X19/Y9 - RFI 2208
DA-4382/CGMP06	0208	\$4,029		6.208 BWC - Added W12x19 beam for deck support - RFI ADG-0024
DA-4382/CGMP06	0209	\$933		BWC - Embed Conflict with Rebar at S/58 - RFI-3398
DA-4382/CGMP06	0210	\$14,386		6.210 Bent Plate and Deck Support at Egress Stair - RFI-3948



DA-4382/CGMP06	0211	\$12,460		6.211 CORE - Ingrade Light
DA-4382/CGMP06	0212	\$9,782		6.212 BWC - ART - North Light Well Welded Art Attachments
DA-4382/CGMP06	0213	\$1,171		6.213 RFI 3943 - Added Mesh at Beam Pockets, RFI 3919 Beam Pockets on Grid Y1.4 at X10 and X11
DA-4382/CGMP06	0214	\$76,376		6.214 BWC - IEMS South Welcome Wall Mechanical-Architectural Revisions (CDN-148R2)
DA-4382/CGMP06	0215	\$97,242		6.125 RFI 3255: Concrete Leave-Out Solution for C5EL03-04, C8EL01-02, and C2EL01
DA-4382/CGMP06	0216	(\$9,923)		6.216 Cancels CGMP Rev 6.197 (Structural Detail for Exterior Light Pole Mounting - CDN-116)
DA-4382/CGMP06	0217	\$9,355		6.217 Structural Detail for Exterior Light Pole Mounting - CDN-116
DA-4382/CGMP06	0218	(\$3,282)		6.218 Cancels CGMP Rev 6.200 (RFI 4572 - Concrete Ledge and Curb for CMU Walls and Veneer at Elevator)
DA-4382/CGMP06	0219	\$3,002		6.219 RFI 4572 - Concrete Ledge and Curb for CMU Walls and Veneer at Elevator
DA-4382/CGMP06	0220	\$7,252		6.220 BWC - Mechanical OSA Duct Floor Penetration Changes - RFI-2400
DA-4382/CGMP07	0029		\$172,134	7.29 Core Interior Down Spout on West Elevation
DA-4382/CGMP07	0030		\$839,905	7.30 Core Walters & Wolf Material Fabrication and Field Installation Acceleration
DA-4382/CGMP08	0197	\$140,954		8.197 Core Power Provisions for Maintenance Equipment Level 7 (CDN 179)
DA-4382/CGMP08	0198	\$67,610		8.198 BWC - SSI - CCTV Camera Mounting BIM Coordination RFI 1535, 3949, 3962, 4007, 4039, 4085, 4159, 4162, 4163, 4164
DA-4382/CGMP08	0199		\$222,678	8.199 BWC - Cable Tray and Duct Bank Routing in Level 1 Ceiling Plenums
DA-4382/CGMP08	0200	\$7,952		8.200 BWC - Remove Ductwork from TBIT Roof
DA-4382/CGMP08	0201	(\$13,654)		8.201 BWC- ACCO, MECH - Level 1 thru 3 CRAC Condenser Units Location Changes and Piping Re-routing
DA-4382/CGMP09	0056	\$17,727		9.56 BWC North Premier Lounge Structural Beam Penetration for Conduit
DA-4382/CGMP09	0057	\$2,173		9.57 BWC - Extend Level 2 Escalator Bearing Plate
DA-4382/CGMP09	0058	(\$101,305)		9.58 (Cancels CGMP Rev 9.52)
DA-4382/CGMP09	0059	\$93,894		9.59 Core Level 1 CMU Wall Reinforcement for Exceeding Heights (Masonry and Misc Metals)
DA-4382/CGMP09	0060	\$8,670		9.60 BWC - Modify Horizontal HSS Beam near Elevator C5EL05-RFI ADG 0109
DA-4382/CGMP09	0061	\$6,252		9.61 BWC - South OSA Shaft Framing Clarification - RFI 5419
DA-4382/CGMP09	0062	(\$13,882)		9.62 Cancels CGMP Rev 9.54 (BWC - Level 2 Structural Framing at Elevator C5EL-01-02 RFI ADG 108 (Steel), and Credit Amount Due for CPCN 5419)



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

DA-4382/CGMP09	0063	\$14,220	9.63 BWC - Level 2 Structural Framing at Elevator C5EL-01-02 RFI ADG 108 (Steel)
DA-4382/CGMP09	0064	(\$338)	9.64 Credit Amount Due for CPCN 5419
DA-4382/CGMP09	0065	\$31,958	9.65 BWC - 3rd Floor Access Panels for Cable Tray (ADG RFI - 0096)
DA-4382/CGMP10	0011	\$527	10.11 Revised Steel Framing for IEMS Bon Voyage Feature - CDN-124 (Fireproofing)
DA-4382/CGMP10	0012	\$34,180	10.12 Core Badging Additional Fireproofing Crew to Achieve Accelerated Schedule
DA-4382/CGMP12	0056	\$1,613	12.56 RFI 3918 - Plumbing Line Rough-In Locations at Binnacles on Level 4 (Framing)
DA-4382/CGMP13	0029	\$478	13.29 BWC - FEC 1 at Column Cover
DA-4382/CGMP13	0030	\$3,782	13.30 RFI 3918 - Plumbing Line Rough-In Locations at Binnacles on Level 4 (Decorative Metals)
DA-4382/CGMP13	0031	\$4,259	13.31 Audio Visual (AV) and Paging Clarification (CDN-163) (Specialities))
DA-4382/CGMP13	0032	\$30,892	13.32 BWC - 3rd Floor Access Panels for Cable Tray (ADG RFI - 0096)
DA-4382/CGMP14	0033	\$637	14.33 BWC - FEC 1 at Column Cover
DA-4382/CGMP14	0034	\$181	14.34 BWC - ART - North Light Well Welded Art Attachments
DA-4382/CGMP14	0035	(\$4,259)	14.35 Cancels CGMP Rev 14.31 (Audio Visual (AV) and Paging Clarification (CDN-163) (Specialities))
DA-4382/CGMP14	0036	(\$12,668)	14.36 BWC - Terrazzo Revisions (CDN-222)
DA-4382/CGMP15	0011	\$3,121	15.11 BWC - Terrazzo Revisions (CDN-222)
DA-4382/CGMP20	0002	\$5,264	RENO - TBIT Renovation Permit Acquisition - Domestic Main Water Supply Flow and Pressure Test Required by LADBS for Existing TBIT



# CHANGE ORDERS - Continued as of 7/31/2012

#### Element

Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes		
CUP Replacement Elem	ent						
C001A - CENTRAL UTILI	TY PLANT						
DA-4554/0000	0049	\$63,751			Asbestos Abatement in Utility Tunnels		
DA-4554/0000	0050	\$15,994			Additional CCTV Cameras for Replacement CUP		
DA-4554/0000	0051	\$30,047			3' Extension of CUP Shoring Along North Side Due to Unforeseen Moist Soil Conditions.		
Landside Element							

#### Residential/Soundproofing Element

#### **Terminal Element**

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ΙΟΟΊΔ.	. FI EVATORS	AND ESCAL	ATORS REPL	ACHMENI

DA-4344	0014	\$4,981	Modify LED Hall Lanterns for 5 levels of elevator T5-1; Modify the existing Hall Lantern housings to accommodate the new custom lanterns; Provide and install a new 24V driver board in the controller compatible with the existing power source.
DA-4344	0015	\$35,850	Provide and install six new type 316 stainless steel #4 finish entrance frames with braille and medical emergency jamb plates for levels 2, 3, and 4 of Elevators PS2A-1 and PS2A-2.
DA-4344	0016	\$108,231	Modify elevator flooring: replace existing with epoxy terrazzo Ele T6-3, T3-2, T6-1, T7-1, T7-2, T7-3, T7-4, BO-1, and AP-1; Ele T7-2 replace section of existing terrazzo flooring outside elevator door at ticketing level.



### **Bradley West- Gates**

CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$31,925,860	\$0	\$31,925,860	5.14%
DOCUMENT CORRECTION	\$23,739,743	\$3,233,143	\$26,972,886	4.34%
FIELD CONDITIONS	\$9,995,203	\$118,379	\$10,113,582	1.63%
OWNER BETTERMENT	\$7,891,206	\$1,012,947	\$8,904,153	1.43%
CODE REQUIREMENT	\$2,281,441	\$190,626	\$2,472,067	0.40%
TOTAL	\$75,833,453	\$4,555,095	\$80,388,548	12.93%

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



### **Bradley West- CORE**

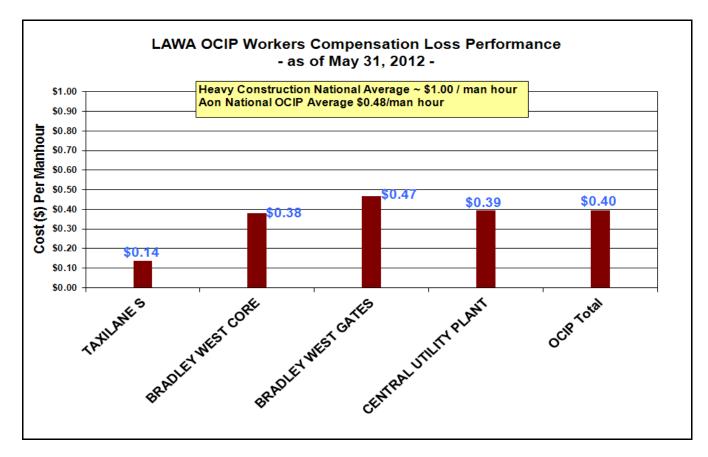
CHANGE TYPE	EXECUTED CHANGES (CUMMULATIVE)	APPROVED CHANGES (CUMMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$30,694,526	\$0	\$30,694,526	4.69%
DOCUMENT CORRECTION	\$10,106,904	\$2,018,543	\$12,125,447	1.85%
FIELD CONDITIONS	\$8,070,174	\$1,131,448	\$9,201,622	1.41%
OWNER BETTERMENT	\$33,268,554	\$940,354	\$34,208,908	5.23%
CODE REQUIREMENT	\$5,319,746	\$212,487	\$5,532,233	0.85%
TOTAL	\$87,459,904	\$4,302,832	\$91,762,736	14.02%

<sup>\*</sup>Base Contract Value = \$654,383,787

Los Angeles
World Airports

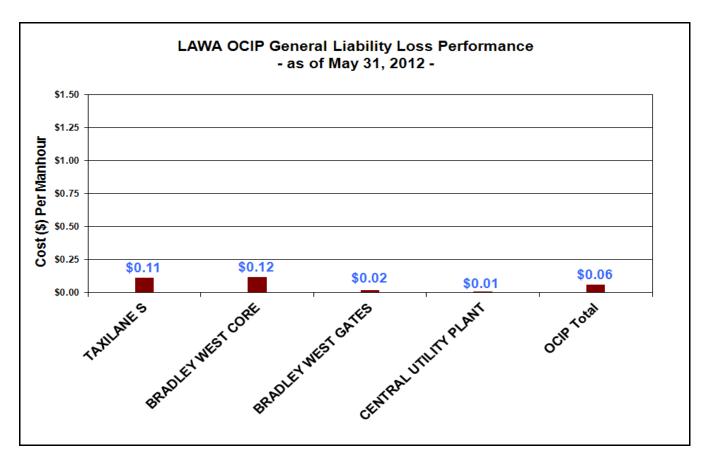
AIRPORTS DEVELOPMENT GROUP

OCIP as of 7/31/2012



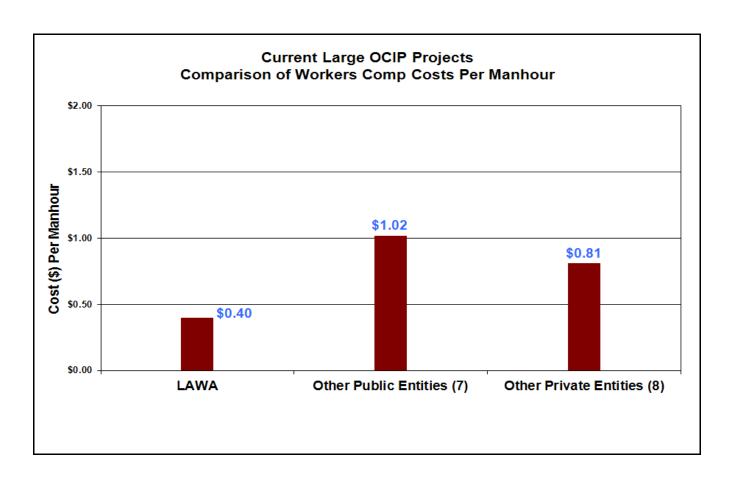


OCIP - Continued as of 7/31/2012





OCIP - Continued as of 7/31/2012





# MWBE/DBE Subcontractor Utilization Summary Report

### as of 7/31/2012

					Achieved Participation to Date*				
Firm	Contract DBE or M/WBE No. Contract		Proposed Level of Participation		M/WBE		DBE		Remarks
AECOM Technical Services, Inc.	DA-4260	DBE	12.00	%	N/A	%	20.72	%	
Arcadis	DA-4413	M/WBE	20.00	%	0.00	%	N/A	%	Limited scope of work authorized to date.
Atkins	DA-4515	DBE	24.00	%	N/A	%	28.35	%	
CH2M Hill	DA-4414	M/WBE	22.00	%	30.45	%	N/A	%	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10	%	12.42	%	N/A	%	
Construction	DA-4554	M/WBE	16.00	%	12.83	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	6.46	%	14.30	%	
Flatiron West, Inc.	DA-4398	DBE	1.00	%	NA	%	4.02	%	
Griffith Company	DA-4338	M/WBE	5.63	%	11.26	%	N/A	%	
Hatch Mott MacDonald, LLC	DA-4275	DBE	19.85	%	N/A	%	19.66	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	29.11	%	N/A	%	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00	%	17.84	%	N/A	%	Limited scope of work authorized to date.
Kimley-Horn and Associates	DA-4555	DBE	20.00		N/A	%	8.74	%	In Mobilization - Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00	%	61.69	%	N/A	%	
Paslay Management Group	DA-4324	M/WBE	10.00	%	19.34	%	N/A	%	
Praxis Integrated Communications	DA-4541	M/WBE	10.00	%	0.00	%	N/A	%	MBE subcontractor approval in process.
Vanir Construction Management, Inc.	DA-4416	M/WBE	20.00	%	16.70	%	N/A	%	
W.E. O'Neil	DA-4371	M/WBE	6.80	%	10.84	%	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	%	22.26	%	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	%	21.82	%	N/A	%	
Total Participation:	N/A	N/A	N/A		15.20%		4.30%		
Total Combined Participation:	N/A	N/A	N/A		19.50%				

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