



# Airports Development

Executive Management

Program Status Report

August 31, 2013

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## ELEMENT OVERVIEW

### **Purpose**

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

### **Airside Element**

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

### **Bradley West Element**

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

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

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## **ELEMENT OVERVIEW - Continued**

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

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

### **Utilities and Infrastructure Element**

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

### **Landside Element**

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

### **Residential / Soundproofing Element**

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

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## ELEMENT OVERVIEW - Continued

### **Terminals Element**

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

### **Tenant Improvement Projects**

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

### **Work in Progress**

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

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

### **Project Description**

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

### **Budget Status**

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

### **Schedule Status**

Substantial completion occurred June 30, 2012.

### **Issues**

The contractor has submitted a group of large potential overall project impact claims. ADG is evaluating these claims for merit and it appears this project will complete over budget. The contractor has filed a government code claim on July 1, 2013 based upon unresolved impact claims and all other project costs.

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

### **Project Description**

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

The Taxiway T - Phase 1 project is the southern segment of Taxiway T, which will ultimately construct a 3,166 foot long taxiway to connect Taxiway 'C' on the south and Taxiway 'D' on the north. The Taxiway T - Phase 1 work includes the southern 200 foot long portion of the taxiway construction consisting of approximately 75,000 square yards of Portland Cement Concrete (PCC), associated lighting, utilities and service road at Los Angeles International (LAX). This project also includes approximately 36,000 square yards of RON apron PCC, associated improvements and Taxilane R-1 and Taxilane C-12 connector ramps onto the American Airlines (AAL) leasehold. Also includes hauling and placement of fill at Continental City Drive site.

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

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

### **Construction Progress**

#### Demolition of Low Bay Hangar and Sky Chef Building and Deluge Systems Modifications Project:

Evans Brothers Inc. substantially completed the construction of this enabling project on March 15, 2013; and LAWA's Final Acceptance of the contract was filed at the County Recorder's Office on June 3, 2013.

#### Taxiway T – Phase 1 Project:

Bids for the Phase 1 work were received on February 19, 2013; and the Board awarded the construction contract to Coffman Specialties on April 2, 2013. The pre-construction meeting was conducted on May 8, 2013; and NTP for mobilization was issued on May 13, 2013. The contractor continues progressing key submittals; and is mobilizing construction staff and equipment. Field construction activities are expected to commence in September 2013.

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

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

Demolition of Low Bay Hangar and Sky Chef Building and Deluge Systems Modifications Project:

A subcontractor for the construction contractor Evans Brothers Inc. has submitted a formal claim for damages. The matter is with Legal for final determination.



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

### **Project Description**

The purpose of the project is to rehabilitate the deteriorating concrete pavement at the east end of Runway 25R/7L and Taxiway B. The project will include full reconstruction of the Runway 25R from the east end of the runway to Taxiway F. The 50-foot wide main wheel gear section of Runway 25R will be reconstructed from Taxiway F to Taxiway N. The project will also reconstruct the east end of Taxiway B from Taxiway F to the eastern end of Runway 25R. In May 2013, LAWA Management revised the project scope, which deleted the TWY C extension, Air Freight 8 demolition, and extended grading operations 1000 feet beyond the end of Runway 7L.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The review of the 95% design documents, incorporating the modified shift runway alternative described in the Issues below, is complete; and comments are being incorporated into the 100% design submittal due in September 2013.

### **Construction Progress**

The request for Authorization to Advertise for construction bids is anticipated for a September 2013 Board meeting.

### **Budget Status**

The project is trending on budget; though it may be impacted by the modified shift runway alternative described in the Issues below.

### **Schedule Status**

This project is tracking on schedule; though it may be impacted by modified shift runway alternative described in the Issues below.

### **Issues**

In response to public comments from the Environmental Review, it was determined the modified shift runway alternative is the basis for design. This alternative adds approximately 1,000 feet of additional grading, service road realignment and FAA equipment relocation to the west end at Runway 25R/7L.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The review of the 95% design documents, incorporating the modified shift runway alternative described in the Issues below, is complete; and comments are being incorporated into the 100% design submittal due in September 2013.

### **Construction Progress**

The request for Authorization to Advertise for construction bids is anticipated for a September 2013 Board meeting.

### **Budget Status**

The project is trending on budget; though it may be impacted by the modified shift runway alternative described in the Issues below.

### **Schedule Status**

This project is tracking on schedule; though it may be impacted by modified shift runway alternative described in the Issues below.

### **Issues**

In response to public comments from the Environmental Review, it was determined the modified shift runway alternative is the basis for design. This alternative adds approximately 1,000 feet of additional grading, service road realignment and FAA equipment relocation to the west end at Runway 25R/7L.

## AIRSIDE ELEMENT - VNY Runway 16R Rehabilitation (A016A)

### **Project Description**

Runway 16R/34L is the 8,000-foot long primary runway at Van Nuys Airport (VNY). Over the years, the Runway has deteriorated and recent testing found the majority of runway pavement to be in poor condition. This project will implement a combination of building methodologies that meet specific Federal Aviation Administration (FAA) standards, to reconstruct Runway 16R/34L while continuing to mitigate operational impacts to the tenants and users of the airport.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Final runway work (Phase 4B) was completed on August 3, 2013. Final permanent stripping (Phase 4C) was completed on August 27, 2013.

Overall construction is 100% complete.

### **Budget Status**

The project is under budget.

Los Angeles World Airports (LAWA) received a Federal Aviation Administration (FAA) grant in September 2012 in the amount of \$18,365,120, which represents 90% of the eligible budget.

### **Schedule Status**

The project was completed on schedule.

### **Issues**

None at this time.

## **AIRSIDE ELEMENT - ONT Runway 8L RSA Improvement (A019A)**

### **Project Description**

The project will provide a FAA standard Runway Safety Area (RSA). The improvements consist of: Regrading portions of the RSA, relocating portions of the service roads at perimeter service area gates, and extending the concrete cover on top of the West Cucamonga Channel. Additionally, portions of impacted areas will require perimeter fencing realignment.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

URS completed 100% design documents in July 11, 2013 and submitted to LAWA for review.

### **Construction Progress**

Construction contract has not yet been awarded.

### **Budget Status**

It is anticipated that LAWA will receive an FAA AIP grant for 80% of the construction cost for this project in September, 2013.

The project is tracking on budget.

### **Schedule Status**

Advertisement of bids is anticipated to be in September, 2013.

The project is tracking on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

A Temporary Certificate of Occupancy (TCO) for the Bradley West Main Building was obtained on July 31, 2013. Efforts continue to focus on training, building/systems turnover and close-out activities. The project team anticipates activation of the Bradley West Terminal in September 2013.

### **Budget Status**

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

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

### Schedule Status

Early Operation of Gate 134

Target Date: 08/01/12 Actual Date: 8/26/12

Operation of North Concourse (West Gates):

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

West Gates Substantial Completion

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

### Issues

The Substantial Completion date for the Gates component of the Bradley West project remains September 2013. A Temporary Certificate of Occupancy (TCO) for the Bradley West Main Building has been obtained and activation of the Bradley West Terminal is anticipated in September 2013.

The negative budget variance has been resolved following the recently approved Bradley West Budget Re-alignment, presented to the Board in June 2013, which provided funding for anticipated inefficiency changes and extended General Conditions.

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

### **Project Description**

This project will provide improvements to the Federal Inspection Service (FIS) facilities in Tom Bradley International Terminal (TBIT) and allow for the development of new 693,000-sq. ft. improved departure level (post security) passenger amenities, including new restrooms, concessions, airline lounges, and administrative offices within TBIT's existing north and south concourses; renovates TBIT Phase 0, and included is the Integrated Environmental Media System (IEMS) which employs cutting edge technology to create an iconic passenger experience.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

A Temporary Certificate of Occupancy (TCO) for the Bradley West Main Building was obtained on July 31, 2013. Efforts continue to focus on training, building/systems turnover and close-out activities. The project team anticipates activation of the Bradley West Terminal in September 2013.

### **Budget Status**

Component Guaranteed Maximum Price 01 through 20 have been approved by the Board. The buyout is complete; and the variance is being closely monitored (see Issues below).

### **Schedule Status**

Milestone #3 – New Core Construction Complete  
Target Date: May-2013 Forecast Date: September-2013

### **Issues**

The Substantial Completion date for the Core component of the Bradley West project remains September 2013. A Temporary Certificate of Occupancy (TCO) for the Bradley West Main Building has been obtained and activation of the Bradley West Terminal is anticipated in September 2013.

The negative budget variance has been resolved following the recently approved Bradley West Budget Re-alignment, presented to the Board in June 2013, which provided funding for anticipated inefficiency changes and extended General Conditions.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

This project has been combined with the Second Level Roadway (SLR) and the New Face of the CTA (NFCTA) Phase 2 CMAR Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals are due in September 2013.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.



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

### **Project Description**

The program, part of the City of Los Angeles commitment to the community, commissions local artists to produce original artwork for public places. The City passed a law in 1989 allocating one percent of all capital improvement costs to commission art in public places. The Department of Cultural Affairs administers this program through its Public Art Division, aiming to utilize this one percent to contribute enduring, contemporary art experiences to public facilities in the City.

### **Planning and Programming Status**

The Art Oversight Committee (AOC) reviewed six applications in response to their invitation and selected three finalists: Ball-Nogues Design Studio; Mark Bradford; and Pae White Studio. The Department of Cultural Affairs has initiated contracts with the selected finalists for \$1 million each; and is monitoring the artists' progress with established payment milestones. Ball-Nogues' artwork will be located in the North Light Well; Mark Bradford's artwork will be located in the existing TBIT building, Ticketing Lobby (Mezzanine Level); and Pae White's artwork will be located in the Sterile Corridor.

### **Design Progress**

Ball-Nogues Studio: Regarding lighting for the artwork, ADG prefers that the Artists continue focusing on the fabrication and installation of the artwork, and revisit a lighting scheme after the artwork is installed. ADG requested the Artists hold budget and contingency for a future lighting design, permit and installation. Fentress will conduct light reading tests in the North Light Well to gauge the existing light at night.

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

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

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

### **Construction Progress**

Ball-Nogues Studio: The Artists are in fabrication and are at 70% completion; several of the individual components are 100% complete. Bi-weekly studio visits are scheduled with LAWA, DCA and the Artists to check fabrication process. Tom Scarin, LAWA Inspector, also attends these studio visits. LA ProPoint, the Artists' sub-contractor rigging company, provided the LADBS permit set of drawings for Tom Scarin's review; all is in order with the permit. The Artists are confirmed to deliver the completed artwork to LAX on September 30, 2013. The Artists anticipate installation will take four weeks. MSD will build a barricade around the artwork installation area.

Pae White Studio: After the review and recommendation from the AOC, a NTP with fabrication was issued in late June. Carlson, the fabricator, is close to finalizing the permit. Carlson is doing a full bay mock-up in its studio and is also studying the field conditions/as-builts/signage. During installation, a LAWA inspector will do a technical review bay by bay. LADBS will do a final inspection at the end of the project. CBP has already reviewed and approved the overall project and does not need to review the project again, but ADG will keep CBP informed as needed.

Mark Bradford: Artist anticipates starting shop drawings in November 2013 and fabrication will take approximately 3 ½ months.

### **Budget Status**

All three artists have received their third milestone payments. This project is tracking to the budget.

### **Schedule Status**

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

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

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

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

### Issues

Once Ball-Nogues' artwork is installed in the North Light Well and we've reviewed how the artwork responds to existing light in the space, we will work towards a resolution on the lighting issue with the Artists.

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

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

### **Project Description**

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

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

In March 2013, the RFP was published inviting proposals. The proposals have been submitted and reviewed. Notice of award is anticipated to be issued in September 2013. Construction is anticipated to begin in the fourth quarter of 2013.

### **Budget Status**

On August 20, 2013 the Board approved the initial preconstruction funding for the CMAR contract and for the City services.

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

### **Schedule Status**

The project is tracking on schedule.

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

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

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

### **Issues**

None at this time.

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

### **Project Description**

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

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

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

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Several training, commissioning and performance monitoring plans are nearing completion; and weekly orientation walks have been conducted throughout August 2013 to familiarize the CUP staff with the new building and its various systems. Equipment specific training will commence in September 2013.

### **Construction Progress**

The continued focus on the start-up of the chillers remains the most critical construction task. Start-up activities, inspections, coordination with jurisdiction authorities, completion of the punch-list work item and various other miscellaneous but important tasks are underway to allow for the start-up of the chillers. The efforts by all parties appear to be leading to the successful preparation and start-up. Final approvals are needed to achieve this milestone which will then allow other critical schedule activities to follow. Once the chiller performance is proven subsequent activities can follow thus allowing for the completion of the contractual milestones.

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

### **Budget Status**

This project is tracking to budget.

### **Schedule Status**

The Phase 2 milestone is currently 28-days behind schedule; and mitigation strategies are being developed with the contractor.

### **Issues**

See Schedule Status above.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Board approved funding for design in April 2013. A design kick-off meeting took place in May 2013.

Underground site investigations were conducted via Ground Penetrating Radar (GPR) in May and June 2013 and incorporated into the final pothole bid package.

In addition to furthering the 5th Feeder design, the design consultant is developing consolidated layouts for the utilities between runways as part of the 5th Feeder project scope for engineering and construction services.

Design effort through August 2013 was directed to modifying the potholing scope of work in an effort to prepare a scope of work that is compatible with the approved budgets. Several reviews and modifications were prepared and reissued to solicit additional bids for the potholing activity.

In addition, the design consultant has submitted their in-progress review drawings set for the consolidated utility layouts for the primary utilities between the runways as included in the 5th Feeder project scope for engineering and construction services. In-progress reviews appear in compliance with the intent of this task.

### **Construction Progress**

No construction contract awarded.

### **Budget Status**

The project is tracking on budget.

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

### **Schedule Status**

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

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

RTI permit is pending final clearances from Los Angeles Department of Building and Safety.

### **Construction Progress**

This project has been combined with the Bradley West Traffic Mitigations World Way South Center Way and the New Face of the CTA (NFCTA) Phase 2 CMAR Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals are due in September 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

## **LANDSIDE ELEMENT - New Face of the CTA - Phase 2 (T012A)**

### **Project Description**

This project implements various improvements that will dramatically enhance the passenger experience. The improvements adeptly capture the vibrant spirit of LAX by creating an inspiring and dynamic pedestrian and vehicular experience. The improvements are focused upon the upper level roadway within the CTA and include custom designed light poles and light bands along the outer edge of the upper level roadway and canopy extension from TBIT to T3 and T4.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Los Angeles Department of Building and Safety (LADBS) Plan Check comments are being incorporated in to the plan set.

### **Construction Progress**

This project has been combined with the Bradley West Traffic Mitigations World Way South Center Way and the New Face of the CTA (NFCTA) Phase 2 CMAR Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the initial proposals are due in September 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

The Board awarded the contract to the Griffith Company on August 20, 2013. The NTP is anticipated for October 2013.

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Hazardous materials abatement and demolition work is complete for the initial 17 properties. Permanent fencing, irrigation and hydro-seeding are in progress.

Additional properties (4) hazardous material survey is complete. The final report was submitted on July 30, 2013. LAWA and the contractor are currently negotiating the price and schedule for the additional properties.

Overall construction is 85% complete.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

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

### **Issues**

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

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## **RESIDENTIAL/SOUNDPROOFING ELEMENT - Noise Mitigation/Soundproofing (City of LA) (S002A)**

### **Project Description**

This project will provide soundproofing of approximately 9,400 eligible dwelling units making them land use compatible.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

No additional design is ongoing.

### **Construction Progress**

Four construction contracts have been awarded and are in different stages of sound mitigating 317 units.

This component of the Noise Mitigation / Soundproofing Program is 95% complete.

### **Budget Status**

This project is trending to complete on budget.

### **Schedule Status**

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

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Priority II-IV Site Mods - Design is 100% complete.  
Priority II-IV GC MRL Elevators - Design is 100% complete.  
Parking Garage elevators replacements design is complete.

### **Construction Progress**

Priority I Site Mods - The contract has been closed out.  
Priority II - Procurement - Fabrication is at 75%. Twenty-one units in service.  
Priority II-IV Site Mods - See Schedule Status below.  
Priority II-IV GC MRL Elevators - Combined with the Priority II-IV Site Mods.  
Parking Structure MRL Elevators - Design contract was awarded April 2012. Design plans are complete and LADBS comments have been incorporated into the Bid Set.

### **Budget Status**

Kone's last remaining item has been resolved and closeout of the construction contract paperwork is underway. Kone's 1 year warranty is complete. The 3 year maintenance contract is underway.

The remaining contracts are tracking on budget.

### **Schedule Status**

Priority II-IV Site Mods contract began June 20, 2012. The first 21 units have been returned to service and 12 units are currently under construction.

### **Issues**

The T-4 tunnel closure issue has been resolved and the tunnel is open.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Construction work at Terminal 1 and 2 are 100% complete. Both fire alarm systems have been signed off and accepted by City of Los Angeles Fire Department.

Project closeout activities in progress.

### **Budget Status**

The project close-out activities are underway (see Issues below).

### **Schedule Status**

The construction activities are complete; and the project close-out is underway (see Issues below).

### **Issues**

Two (2) stop notices have been received and are being reviewed by the City Attorney; and the potential cost and schedule impact is being evaluated.

## TERMINAL ELEMENT - Terminal 4 Connector (T011A)

### **Project Description**

The project consists of the design and construction of a CAL Green certified, multi-use, multi-level facility including a Checked Baggage Inspection System (CBIS), South Matrix Interline Baggage Transfer facility, five lane Passenger Security Screening Check Point (SSCP), South Terminals Passenger Busport, Upper Level World Way Public Plaza, and a Secure Passenger connection between Tom Bradley International Terminal (TBIT) and Terminal 4. This project will also include the installation of a new fire water line in the proximity of the Terminal 4 Connector Building and capped for future utility connections.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Contractor is advancing the design document development; and anticipates completing the 60% Construction Document by September 2013. Overall design is 30% complete.

### **Construction Progress**

The Contractor is continuing survey and potholing for design. On-site mobilization has commenced and construction of trailer/laydown yard is underway.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The Contractor submitted the initial draft baseline project schedule on July 12, 2013. ADG subsequently responded with comments and a revised schedule has been received for final review.

### **Issues**

None at this time.

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

### **Project Description**

This project implements twenty-five (25) Terminal Main Point of Entry (MPOE) and IT Rooms within the existing terminals. These IT rooms provide an industry-standard, clean and secure, permanent space for the next generation of network switching, application servers and other IT support equipment.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Terminal 2:

The Design Notice to Proceed (NTP) for Terminal 2 scope was issued on January 25, 2013; and the 60% design submittal was received in April 2013. The 90% design development and final specifications were received in July 2013; and the project team review is complete. The designer is incorporating the review comments and anticipates completing the design in October 2013.

Terminals 1, 3, 4, 5, 6, 7 & 8:

The on-call Architectural/Engineering designers are conducting field surveys and beginning design for Terminals 1, 3, 4, 5, 6, 7 and Terminal 8. The full design Task Order will be issued in September 2013 to complete design services of Terminals 1, 3, 4, 5, 6, 7 and 8.

### **Construction Progress**

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

Terminal 2:

The Terminal 2 Team is developing a schedule that phases this work to coincide with other Terminal Renovation work being planned.

### **Budget Status**

Terminal 2:

As the design is progressing and the room locations and requirements are more defined, the Terminal 2 IT rooms are trending over budget.

Terminal 1, 3, 4, 5, 6, 7 & 8:

Project trending on budget.

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

### **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 editions of the access codes, it was found that some CTA elements could be improved. This project implements those improvements.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Phase 1A - Design is 100% complete.

Phase 1B/1C - The designs for Terminals/Parking Structures 2, 6, 1, 3, 4, and 5 are complete. General Services Department has provided estimates for 2 and 6 and provided estimates for Terminals/Parking Structures 1, 3, 4, and 5 on August 7, 2013. ADG is awaiting approval to issue Notices to Proceed.

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

### **Construction Progress**

Phase 1A - Construction is 99% complete; the remaining punch list work is forecast to be complete in September 2013.

Phase 1B/1C - The recommendation to award was approved on June 18, 2013; and the Notices to Proceed for Terminals/Parking Structures 2 and 6 were issued on July 16, 2013. Construction at Terminal 2 began on August 19, 2013; and is 13% complete.

### **Budget Status**

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

### **Schedule Status**

The project is tracking on schedule.

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

### Issues

See Budget Status above.

## TERMINAL ELEMENT - Concessions Enabling Project (T017A)

### **Project Description**

This project undertakes the initial renovation and upgrading of various fire protection components, electrical distribution elements, accessibility issues in Terminals 4, 5, 7 and 8; as a precursor to the Concessions Redevelopment Program.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 99% complete; and is expected to complete by October 2013.

### **Construction Progress**

The final stair location for stair 70 at Terminal 7 has been determined, design revision in progress. Terminal 4 fire rated exit door at the exiting Tunnel is complete. Stair 61 and installation of enclosure 57 at Terminal 5 is ongoing. Other exit signs and door hardware installation is ongoing.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule. The Concessions Group is considering additional scope for Terminal 5; and is seeking concurrence with Delta Airlines to include as part of their renovation scope, which is expected by October 2013.

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

### **Issues**

See Schedule Status above.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Notice to Proceed (NTP) for Design Services was issued on March 1, 2013; and the 30% design submittal was received in April 2013. Design task order is in progress to proceed to 60% and 90% for design plans and deliver the design and Project Approval Team reviews (PAT) by October 15, 2013.

### **Construction Progress**

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

### **Budget Status**

The Project budget is impacted. (see Issues below).

### **Schedule Status**

The project is trending on schedule.

### **Issues**

The Planning Group and the Airports Development Group have reviewed the current aircraft capacity at the gates; and determined there is a variance. In summary, this variance requires that the 400 Hz room, power, cooling capacity and Los Angeles Department of Building and Safety Code be upgraded between the 400 Hz units and some Passenger Boarding Bridges (PBB) in the terminal. These variances will result in a budget impact.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Design Notice to Proceed was issued on January 16, 2013; and the design submittal comments from Project Approval Team (PAT) and City of Los Angeles Department of Building and Safety are incorporated and the design is complete.

During June and July 2013, LAWA Management began discussing TIBITec portion. During July and August 2013 scoping meetings have occurred to transfer the new computer system and programming development from a CMAR bid scope of work to TIBITec. Design sessions will continue thru August and September 2013 and revised design plans and specifications are forecast for October 2013.

### **Construction Progress**

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

### **Budget Status**

The project budget is impacted (see Issues below).

### **Schedule Status**

LAWA is reviewing contracting strategies with TIBITec, the Terminal 2 operator. Design meetings to separate the scope are underway and the design is forecast to complete in October 2013.

### **Issues**

Capital Program and Planning (CPPG) and the Airports Development Group (ADG) have identified variances in the scope and are working through mitigation strategies with Senior Management. These variances will result in budget impact.

## TERMINAL ELEMENT - Terminal 2 Restroom Enhancements (T020A)

### **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals) for eight (8) of the public restrooms in the arrival, ticketing and departure level area. New doors, lighting, mirrors, toilet partitions, paper towel dispensers and soap dispensers will also be installed. There will be new HVAC distribution back to the nearest main trunk line, new electrical distribution and new plumbing within the restroom, among other associated work.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Notice to Proceed (NTP) for Design Services was issued on March 19, 2013. The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. A design finishes workshop to LAWA Senior Management is forecast for September 2013; and the design will be refreshed with the approved finishes.

### **Construction Progress**

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

### **Budget Status**

The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. The project budget will be revised pending the design finishes approval.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

See Budget Issues (above).

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## TERMINAL ELEMENT - Terminal 2 Domestic Bag Claim and Ticketing Area Refresh (T021A)

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Notice to Proceed (NTP) for Design Services was issued on March 19, 2013. The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. A design finishes workshop to LAWA Senior Management is forecast for September 2013; and the design will be refreshed with the approved finishes.

### **Construction Progress**

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

### **Budget Status**

The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. The project budget will be revised pending the design finishes approval.

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

See Budget Issues (above).

## TERMINAL ELEMENT - Terminal 7 Restroom Enhancements (T022A)

### **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals) for fifteen (15) restrooms in the terminal. New doors, lighting, mirrors, toilet partitions, paper towel dispensers and soap dispensers will also be installed. There will be new HVAC distribution back to the nearest main trunk line, new electrical distribution and new plumbing within the restroom, among other associated work.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Notice to Proceed (NTP) for Design Services was issued on May 13, 2013. Designer will complete 60% design package and submit for ADG review in September 2013.

### **Construction Progress**

The project is proceeding with design only at this time.

### **Budget Status**

The current budget was reduced to reflect only the planning and design costs for this work. Construction is expected to be implemented by United Airlines, as part of an overall Tenant-sponsored Terminal Renovation and Upgrade Program.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

None at this time.

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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The Notice to Proceed (NTP) for Design Services was issued on March 19, 2013; and 60% design submittal is nearing completion.

### **Construction Progress**

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

The Component Guaranteed Maximum Price (CGMP) for the electrical panel load was presented to the Board and approved August 20, 2013.

### **Budget Status**

The project budget is impacted (see Issues below).

### **Schedule Status**

The project is tracking on schedule.

### **Issues**

The Terminal 2 team has identified additional work that will be required by this project. The team is reviewing options which may mitigate a portion of the budget impact.

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

### **Project Description**

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

The designer is revising their cost proposal for Design Services and is being reviewed by LAWA. The task order for full design services will be issued in September 2013.

### **Construction Progress**

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

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### **Issues**

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

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

### **Project Description**

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

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## TENANT IMPROVEMENTS ELEMENT - Terminal 1 (TI01)

### **Project Description**

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



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## TENANT IMPROVEMENTS ELEMENT - Terminal 5 (TI05)

### **Project Description**

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

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

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## TENANT IMPROVEMENTS ELEMENT - Terminal 6 (TI06)

### **Project Description**

Alaska Airlines has recently completed an upgrade of Terminal 6 through multiple projects including: construction of an in-line baggage screening facility project, construction of Alaska's "airport of the future", a rework of the ticket lobby, construction of additional lanes for the security screening check point, reconstruction of the FIS corridor in the satellite extension, replacement of the escalators and elevators in the terminal and upgrading the departure area finishes.

The concessions program for Terminal 6 is currently in the procurement development stage in coordination with the Terminal Commercial Manager (TCM) program delivery method.

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

### **Project Description**

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

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## WORK IN PROGRESS OVERVIEW

### User's Guide - Work in Progress

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

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

### **Project Description**

This project entails the construction of approximately 180,000 sq. yards (37 acres of aircraft apron) that will be between the west side of Taxiway AA and the east side of Pershing road; south of World Way West Road toward Taxiway B, and 100,000 sq. yards (21 acres) of area rough grading for proposed hangar and parking improvements, that may be developed by a third party. Associated ancillary improvements include: demolition of existing facilities, apron pavement, edge lighting, signage, flood lighting, wash rack and recycling system, Remain Overnight Parking (RON) kits (ground power, potable water, pre conditioned air), vehicle charging stations, storm drainage, etc.

### **Issues / Status**

The Project Definition phase is nearing completion.

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

### **Project Description**

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

### **Issues / Status**

The project definition phase is nearing completion. The design documents are submitted to LAWA and the TSA for review.

The TBIT EDS is an enabling project for the Bradley West Outbound BHS project. The work involves installing 2 EDS machines into the existing oversized baggage lines located at the Apron Level of TBIT. This project will add additional baggage screening capacity and will help alleviate problems during the main Bradley West Outbound BHS work in the future.

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

### **Project Description**

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

### **Issues / Status**

The project definition phase is complete.

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## **WORK IN PROGRESS - Midfield Satellite Concourse (North Gates) (T026A)**

### **Project Description**

The new Midfield Satellite Concourse, west of the Tom Bradley International Terminal (TBIT), is expected to provide up to 11 new aircraft gates for Group V and VI aircraft, such as the Airbus A380 and the Boeing 747-8. The project may also include taxiway/taxilane improvements, utility improvements, and other work as described in the Notice of Preparation of an Environmental Impact Report (released February 8, 2013).

### **Issues / Status**

The Project Definition phase is underway.



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

### **Project Description**

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

### **Issues / Status**

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

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

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

### **Project Description**

The restroom enhancement project involves renovating all the existing finishes in the restrooms (floors, walls, ceilings) and the replacement of all the existing fixtures (toilet, sinks and urinals) in the twelve (12) public restrooms in the terminal. New doors, lighting, mirrors, toilet partitions, paper towel dispensers and soap dispensers will also be installed. There will be new HVAC distribution back to the nearest main trunk line, new electrical distribution and new plumbing within the restroom, among other associated work.

### **Issues / Status**

The project definition phase is complete.

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## PROGRAM MASTER SCHEDULE OVERVIEW

### User's Guide - Schedule

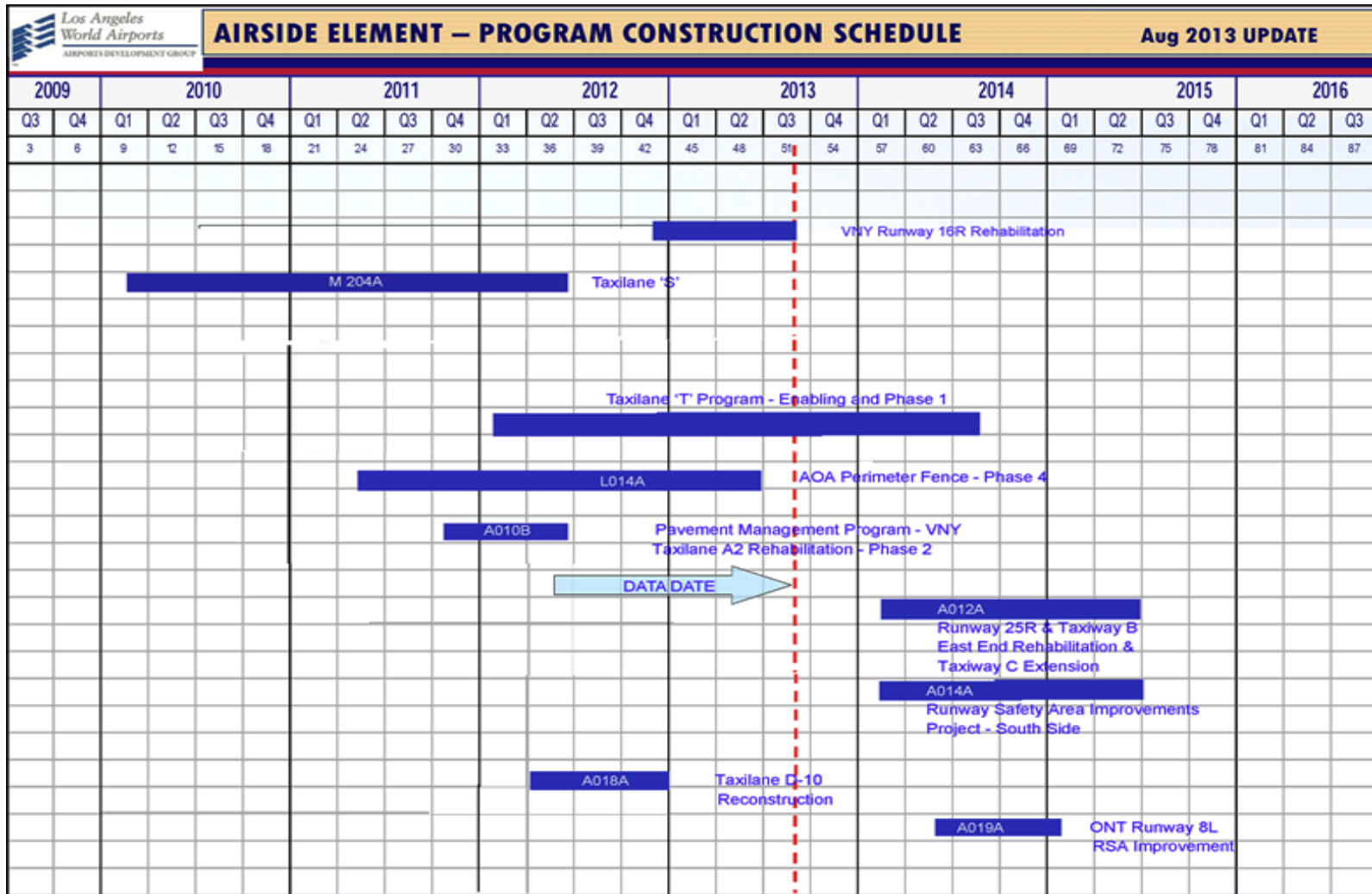
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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

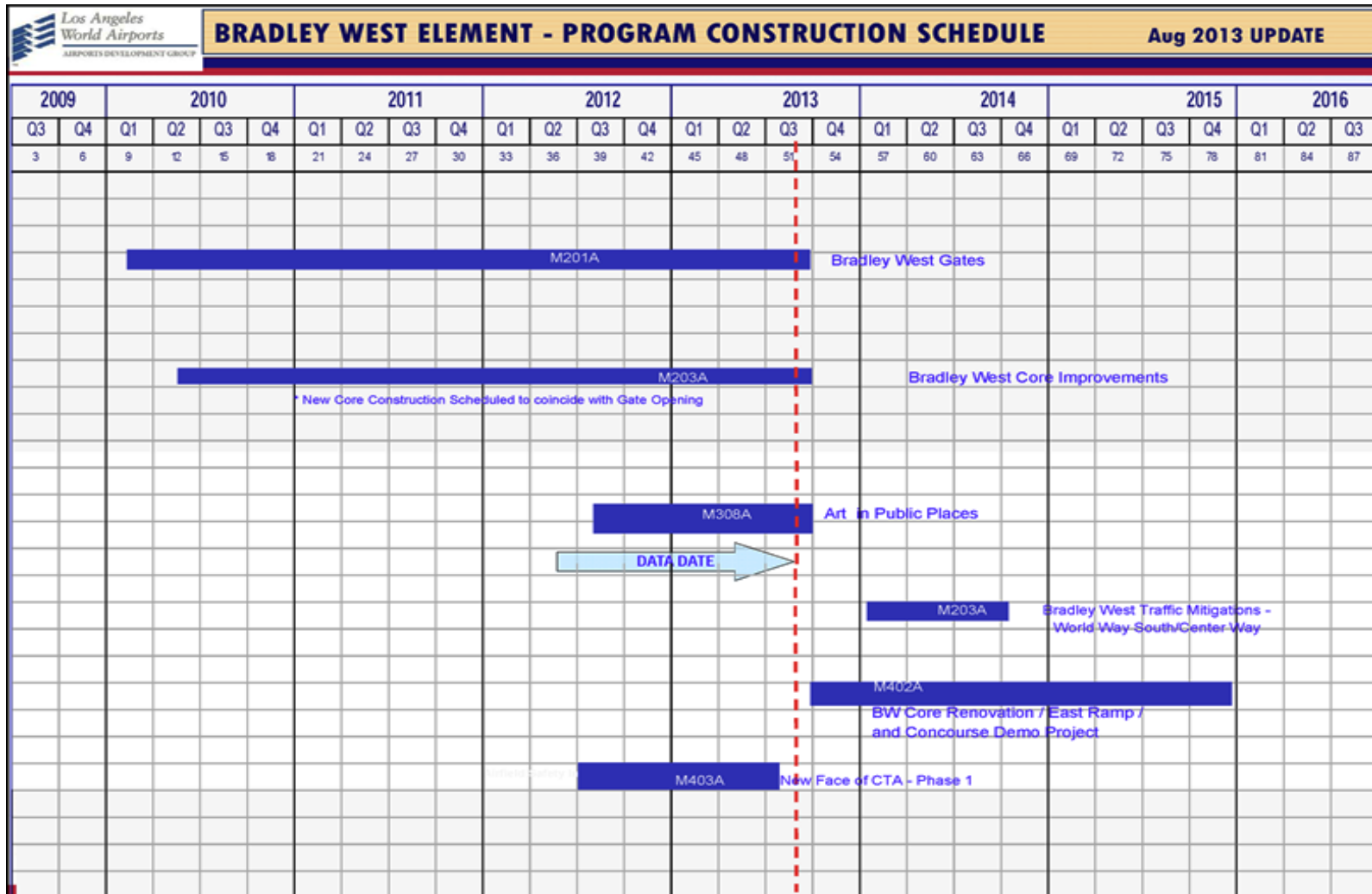
**Project Schedule Bar** - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

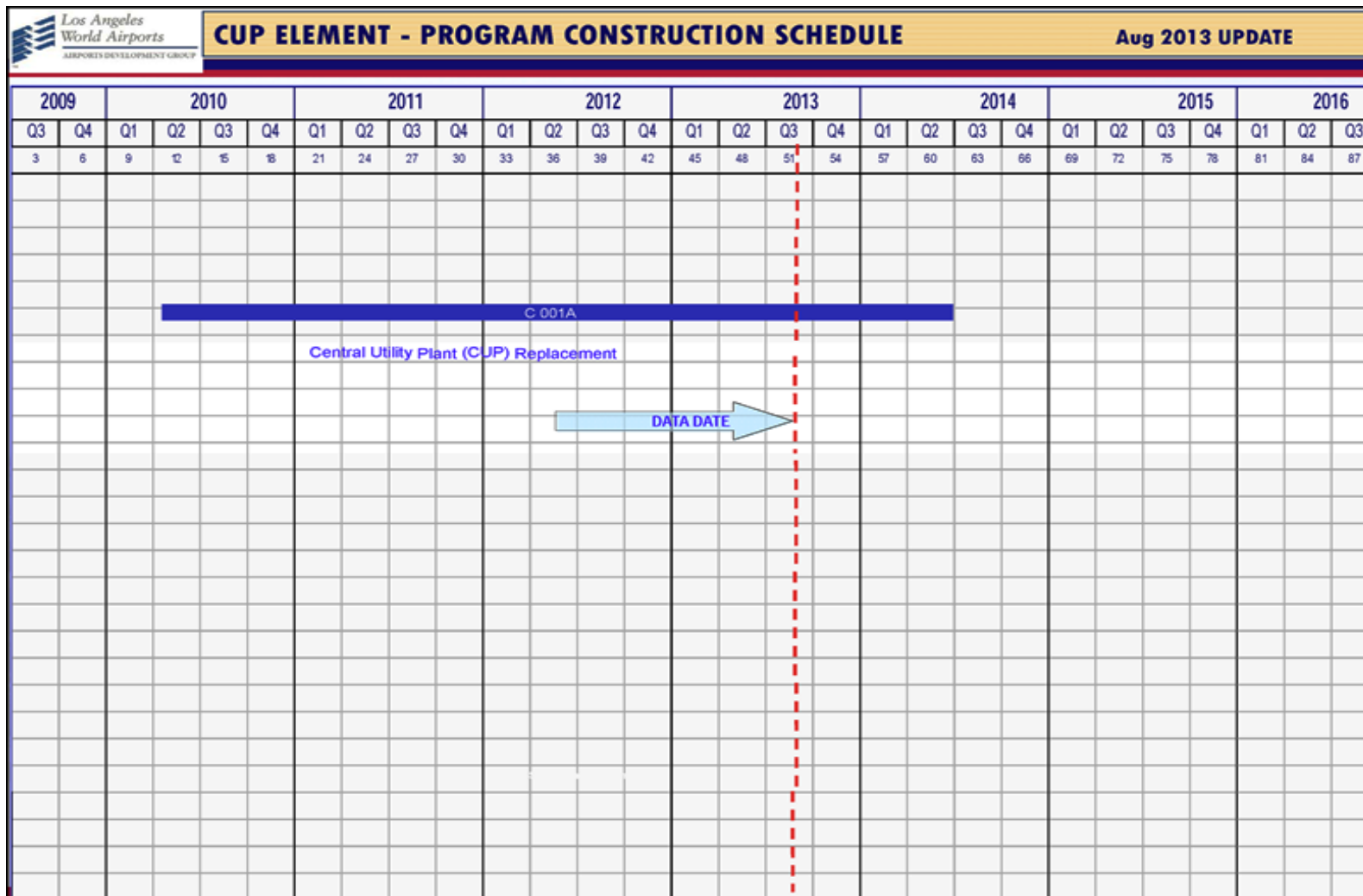
## PROGRAM MASTER SCHEDULE - Continued





## PROGRAM MASTER SCHEDULE - Continued



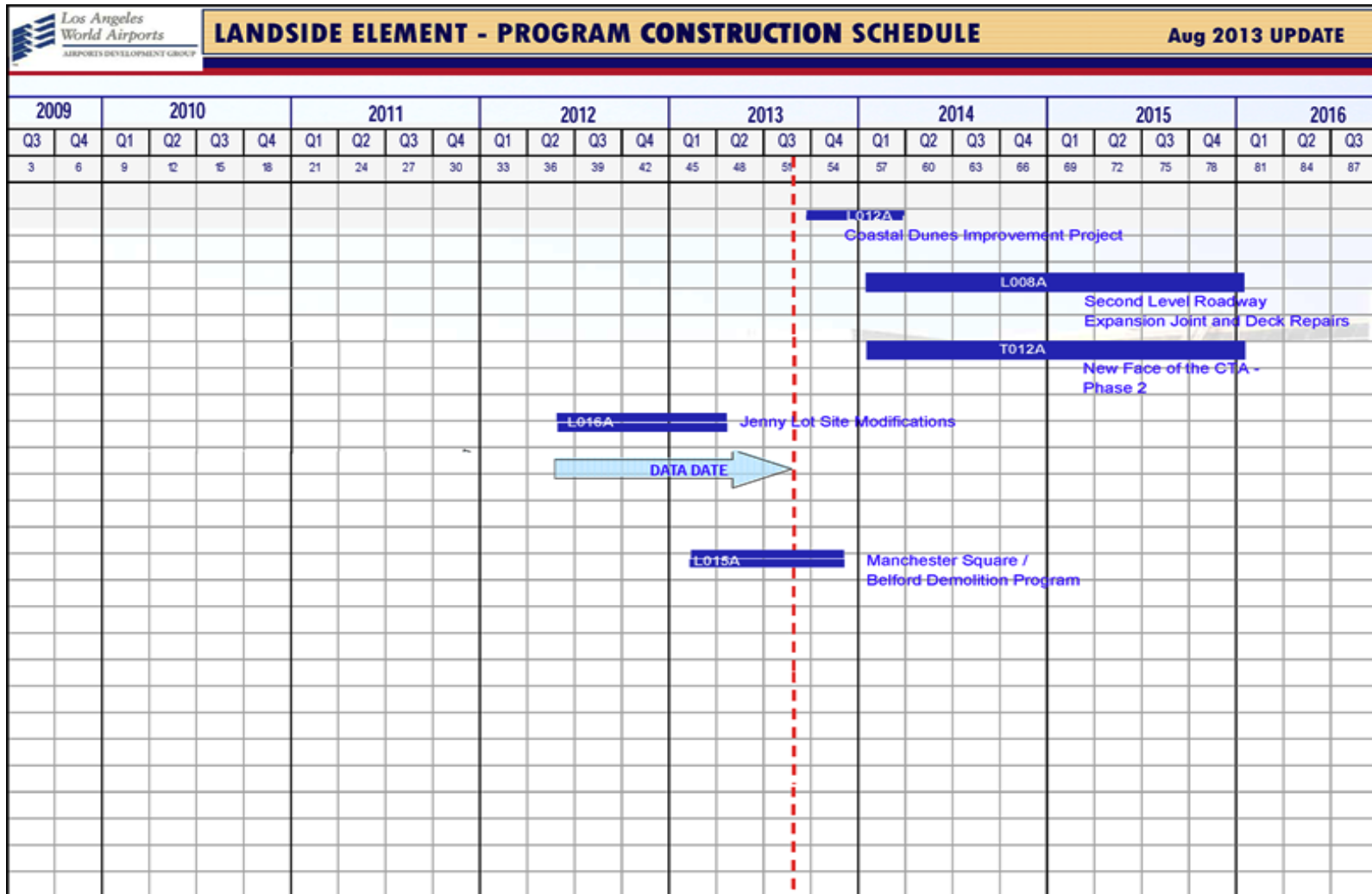
## PROGRAM MASTER SCHEDULE - Continued



## PROGRAM MASTER SCHEDULE - Continued


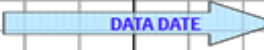
<b>UTILITIES &amp; INFRASTRUCTURE ELEMENT - PROGRAM CONSTRUCTION SCHEDULE</b> <span style="float: right; font-weight: normal;">Aug 2013 UPDATE</span>																												
2009		2010				2011				2012				2013				2014				2015				2016		
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87
																	 U020A Electrical, Communications and Water Utility Ext. - 5th Feeder Project											
														 DATA DATE														

## PROGRAM MASTER SCHEDULE - Continued

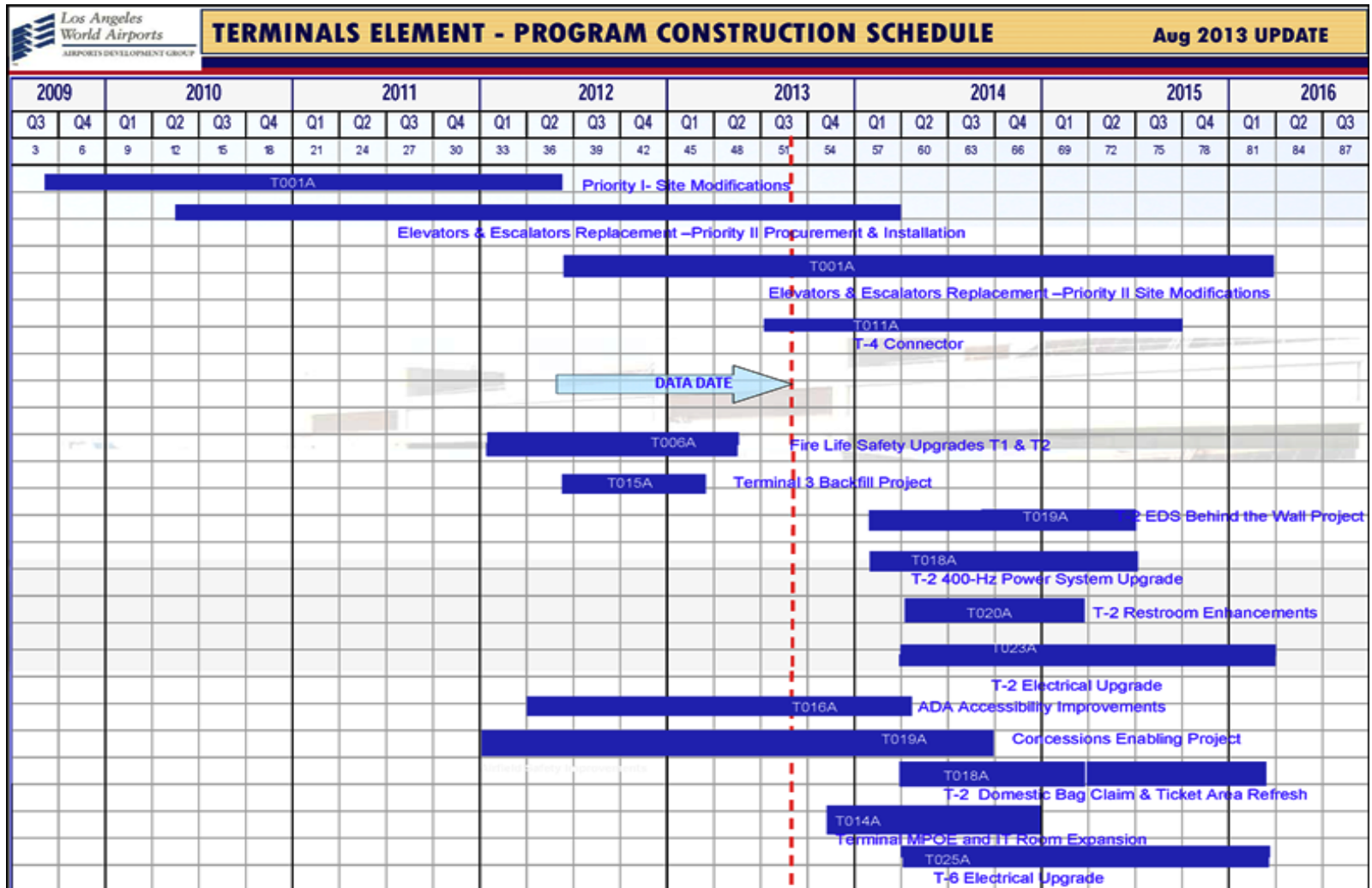




## PROGRAM MASTER SCHEDULE - Continued

		<b>RESIDENTIAL/ SOUNDPROOFING ELEMENT- PROGRAM SCHEDULE</b>																								<b>Aug 2013 UPDATE</b>					
2009		2010				2011				2012				2013				2014				2015				2016					
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87			
										S008A VNY Soundproofing																					
										S002A Noise Mitigation / Soundproofing ( City of LA )																					
																															

# PROGRAM MASTER SCHEDULE - Continued



## BUDGET OVERVIEW

### User's Guide - Budget Reports

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

Note that Closed Projects are now reported within the individual Elements.

Baseline Budget - Is the estimated cost of the project as it was reported in the November 2009 report with the exception of the Crossfield Taxiway project which is from the February 2009 Operating Statement (OS) budget report.

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

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

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

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

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

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

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

## PROGRAM COST SUMMARY REPORT

as of 8/31/2013

(dollars in thousands)								
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>Capital Budget 1</b>								
Airside Element	506,810	493,110	411,966	365,139	466,334	26,776	77%	70%
Bradley West Element	2,040,915	1,997,316	1,611,921	1,496,720	1,975,376	21,941	76%	58%
CUP Replacement Element	423,835	416,406	372,112	297,924	405,811	10,595	73%	46%
Utilities & Infrastructure Element	8,175	13,994	13,723	13,723	13,723	271	100%	100%
Residential/Soundproofing Element	180,000	160,000	155,082	151,666	160,000	0	95%	0%
Terminal Element	270,000	240,035	194,097	95,516	231,235	8,800	41%	11%
<b>Subtotal: Capital Budget 1</b>	<b>3,429,735</b>	<b>3,320,861</b>	<b>2,758,900</b>	<b>2,420,687</b>	<b>3,252,478</b>	<b>68,383</b>	<b>74%</b>	<b>53%</b>
<b>Capital Budget 2</b>								
Airside Element	167,864	164,959	48,025	41,604	151,864	13,096	27%	5%
Utilities & Infrastructure Element	12,544	12,544	548	86	11,314	1,230	1%	0%
Landside Element	101,642	116,878	11,960	10,149	102,360	14,518	10%	5%
Residential/Soundproofing Element	1,317	1,148	1,124	1,124	1,139	9	99%	91%
Terminal Element	247,723	242,087	104,079	15,626	244,460	(2,372)	6%	7%
<b>Subtotal: Capital Budget 2</b>	<b>531,091</b>	<b>537,616</b>	<b>165,736</b>	<b>68,589</b>	<b>511,135</b>	<b>26,481</b>	<b>13%</b>	<b>6%</b>
<b>Subtotal</b>	<b>3,960,826</b>	<b>3,858,476</b>	<b>2,924,636</b>	<b>2,489,276</b>	<b>3,763,613</b>	<b>94,864</b>	<b>N/A</b>	<b>N/A</b>
<b>Unallocated Contingency</b>								
Unallocated Contingency	N/A	121,586	0	0	0	N/A	N/A	N/A
<b>Subtotal</b>	<b>3,960,826</b>	<b>3,980,062</b>	<b>2,924,636</b>	<b>2,489,276</b>	<b>3,763,613</b>	<b>94,864</b>	<b>N/A</b>	<b>N/A</b>
<b>Work in Progress</b>								
Work in Progress	N/A	0	19,965	16,695	N/A	N/A	N/A	N/A
	N/A	<b>0</b>	<b>19,965</b>	<b>16,695</b>	N/A	N/A	N/A	N/A
<b>Program Total</b>	<b>N/A</b>	<b>3,980,062</b>	<b>2,944,601</b>	<b>2,505,971</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

## AIRSIDE ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>AIRSIDE</b>									
<b>Capital Budget 1</b>									
M204A	Taxilane 'S'	174,980	162,041	157,796	151,158	161,714	328	93%	49%
M306A	Taxilane 'T'	96,500	146,284	72,618	33,169	123,066	23,219	25%	21%
Close-out	M000A-Associated Projects	1,340	1,607	1,605	1,476	1,607	0	92%	97%
Close-out	M101A-Crossfield Taxiway Project	177,760	137,245	136,276	136,276	136,276	969	100%	100%
Close-out	M107A-LAX Aircraft Rescue and Fire Fighting Facility	14,190	14,216	14,148	14,148	14,148	68	100%	100%
Close-out	M209A-Construction Support Facilities	14,790	9,475	8,096	7,484	8,096	1,379	92%	57%
Close-out	M309A-American Airlines Settlement	27,250	22,241	21,428	21,428	21,428	813	100%	100%
<b>Capital Budget 1 Total</b>		<b>506,810</b>	<b>493,110</b>	<b>411,966</b>	<b>365,139</b>	<b>466,334</b>	<b>26,776</b>	<b>77%</b>	<b>70%</b>
<b>Capital Budget 2</b>									
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	148	148	67,802	5,404	0%	0%
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	8,140	7,257	40,142	3,095	18%	0%
A016A	VNY Runway 16R Rehabilitation	20,483	20,483	17,948	14,591	18,830	1,653	77%	0%
A019A	ONT Runway 8L RSA Improvement	4,467	4,467	515	246	4,147	320	6%	0%
Close-out	A010A-Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	5,065	5,065	5,065	5,065	0	100%	100%
Close-out	A010B-Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,598	2,521	2,521	413	100%	18%
Close-out	A018A-Taxilane D-10 Reconstruction	9,062	9,062	7,706	7,443	7,450	1,612	100%	0%

## AIRSIDE ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	<b>Capital Budget 2</b>								
Close-out	L014A-AOA Perimeter Fence - Phase 4	6,506	6,506	5,906	4,334	5,906	600	73%	3%
	<b>Capital Budget 2 Total</b>	<b>167,864</b>	<b>164,959</b>	<b>48,025</b>	<b>41,604</b>	<b>151,864</b>	<b>13,096</b>	<b>27%</b>	<b>5%</b>
	<b>Airside Total</b>	<b>674,674</b>	<b>658,070</b>	<b>459,990</b>	<b>406,743</b>	<b>618,197</b>	<b>39,872</b>		

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

## BRADLEY WEST ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	<b>BRADLEY WEST</b>								
	<b>Capital Budget 1</b>								
M201A	Bradley West Gates	906,474	872,931	814,581	766,281	844,787	28,145	91%	65%
M203A	Bradley West Core Improvements	808,364	782,389	719,350	668,046	772,023	10,367	87%	54%
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	1,186	256	191	1,055	132	18%	0%
M308A	Art In Public Places	5,360	5,360	5,360	3,111	5,360	0	58%	0%
M402A	Bradley West Core Renovation/East Ramp and Concourse Demo Project	273,170	277,038	24,468	21,233	300,823	(23,785)	7%	0%
M403A	New Face of CTA - Phase 1	43,270	56,261	45,847	35,800	49,270	6,991	73%	0%
Close-out	M203B-Construction Traffic Mitigations	3,542	2,151	2,059	2,059	2,059	92	100%	100%
	<b>Capital Budget 1 Total</b>	<b>2,040,915</b>	<b>1,997,316</b>	<b>1,611,921</b>	<b>1,496,720</b>	<b>1,975,376</b>	<b>21,941</b>	<b>76%</b>	<b>58%</b>
	<b>Bradley West Total</b>	<b>2,040,915</b>	<b>1,997,316</b>	<b>1,611,921</b>	<b>1,496,720</b>	<b>1,975,376</b>	<b>21,941</b>		

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

## CUP REPLACEMENT ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	<b>CUP REPLACEMENT</b>								
	<b>Capital Budget 1</b>								
C001A	Central Utility Plant	423,835	416,406	372,112	297,924	405,811	10,595	73%	46%
	<b>Capital Budget 1 Total</b>	<b>423,835</b>	<b>416,406</b>	<b>372,112</b>	<b>297,924</b>	<b>405,811</b>	<b>10,595</b>	<b>73%</b>	<b>46%</b>
	<b>CUP Replacement Total</b>	<b>423,835</b>	<b>416,406</b>	<b>372,112</b>	<b>297,924</b>	<b>405,811</b>	<b>10,595</b>		

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



## UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>UTILITIES &amp; INFRASTRUCTURE</b>									
<b>Capital Budget 1</b>									
Close-out	U009A-Airport Response Coordination Center (ARCC)	8,175	13,994	13,723	13,723	13,723	271	100%	100%
<b>Capital Budget 1 Total</b>		<b>8,175</b>	<b>13,994</b>	<b>13,723</b>	<b>13,723</b>	<b>13,723</b>	<b>271</b>	<b>100%</b>	<b>100%</b>
<b>Capital Budget 2</b>									
U020A	Electrical, Communications and Water Utility Ext. - 5th Feeder Project	12,544	12,544	548	86	11,314	1,230	1%	0%
<b>Capital Budget 2 Total</b>		<b>12,544</b>	<b>12,544</b>	<b>548</b>	<b>86</b>	<b>11,314</b>	<b>1,230</b>	<b>1%</b>	<b>0%</b>
<b>Utilities &amp; Infrastructure Total</b>		<b>20,719</b>	<b>26,538</b>	<b>14,270</b>	<b>13,808</b>	<b>25,036</b>	<b>1,501</b>		

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

## LANDSIDE ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>LANDSIDE</b>									
<b>Capital Budget 2</b>									
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	34,811	2,439	2,335	32,533	2,278	7%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	537	426	2,818	182	15%	0%
L015A	Manchester Square / Belford Demolition Program	1,981	1,305	1,131	684	1,267	38	54%	68%
T012A	New Face of the CTA - Phase 2	70,528	70,528	1,153	440	58,928	11,600	1%	0%
Close-out	L016A-Jenny Lot Site Modifications	7,233	7,233	6,700	6,264	6,813	420	92%	100%
<b>Capital Budget 2 Total</b>		<b>101,642</b>	<b>116,878</b>	<b>11,960</b>	<b>10,149</b>	<b>102,360</b>	<b>14,518</b>	<b>10%</b>	<b>5%</b>
<b>Landside Total</b>		<b>101,642</b>	<b>116,878</b>	<b>11,960</b>	<b>10,149</b>	<b>102,360</b>	<b>14,518</b>		

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

## RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	<b>RESIDENTIAL/SOUNDPROOFIN</b>								
	<b>Capital Budget 1</b>								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	155,082	151,666	160,000	0	95%	0%
	<b>Capital Budget 1 Total</b>	<b>180,000</b>	<b>160,000</b>	<b>155,082</b>	<b>151,666</b>	<b>160,000</b>	<b>0</b>	<b>95%</b>	<b>0%</b>
	<b>Capital Budget 2</b>								
Close-out	S008A-VNY Soundproofing	1,317	1,148	1,124	1,124	1,139	9	99%	91%
	<b>Capital Budget 2 Total</b>	<b>1,317</b>	<b>1,148</b>	<b>1,124</b>	<b>1,124</b>	<b>1,139</b>	<b>9</b>	<b>99%</b>	<b>91%</b>
	<b>Residential/Soundproofing Total</b>	<b>181,317</b>	<b>161,148</b>	<b>156,206</b>	<b>152,790</b>	<b>161,139</b>	<b>9</b>		

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

## TERMINAL ELEMENT BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>TERMINAL</b>									
<b>Capital Budget 1</b>									
T001A	Elevators and Escalators Replacement	270,000	240,035	194,097	95,516	231,235	8,800	41%	11%
<b>Capital Budget 1 Total</b>		<b>270,000</b>	<b>240,035</b>	<b>194,097</b>	<b>95,516</b>	<b>231,235</b>	<b>8,800</b>	<b>41%</b>	<b>11%</b>
<b>Capital Budget 2</b>									
T006A	Fire Life Safety System Upgrades T1 & T2	5,300	3,912	3,298	2,969	3,334	578	89%	15%
T011A	Terminal 4 Connector	114,318	114,496	85,421	1,217	102,504	11,992	1%	0%
T014A	Terminal MPOE and IT Room Expansion	19,653	19,653	468	328	18,365	1,288	2%	0%
T016A	ADA Accessibility Improvements	2,000	2,000	1,432	491	4,179	(2,179)	12%	0%
T017A	Concessions Enabling Project	3,445	3,445	1,390	1,385	2,441	1,004	57%	0%
T018A	Terminal 2 400-Hz Power System Upgrade	1,676	1,676	430	330	3,409	(1,732)	10%	0%
T019A	Terminal 2 EDS Behind the Wall Project	14,246	14,246	913	698	19,425	(5,178)	4%	0%
T020A	Terminal 2 Restroom Enhancements	3,112	3,112	554	337	2,663	449	13%	0%
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	13,386	13,386	605	156	11,667	1,719	1%	0%
T022A	Terminal 7 Restroom Enhancements	6,159	714	603	240	714	0	34%	0%
T023A	Terminal 2 Electrical Upgrade	39,009	39,009	1,951	698	52,443	(13,434)	1%	0%
T025A	Terminal 6 Electrical Upgrades Project	19,574	19,574	355	305	16,741	2,833	2%	0%
Close-out	T015A-Terminal 3 Backfill Project	5,846	6,865	6,659	6,472	6,576	290	98%	98%
<b>Capital Budget 2 Total</b>		<b>247,723</b>	<b>242,087</b>	<b>104,079</b>	<b>15,626</b>	<b>244,460</b>	<b>(2,372)</b>	<b>6%</b>	<b>7%</b>
<b>Terminal Total</b>		<b>517,723</b>	<b>482,122</b>	<b>298,176</b>	<b>111,143</b>	<b>475,695</b>	<b>6,427</b>		

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

## WORK IN PROGRESS BUDGET REPORT as of 8/31/2013

(dollars in thousands)									
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
<b>WORK IN PROGRESS</b>									
<b>Capital Budget 2</b>									
A017A	West Maintenance Area	N/A	0	10,132	9,379	N/A	N/A	N/A	N/A
M404A	Bradley West Outbound Baggage Handling System	N/A	0	5,736	3,325	N/A	N/A	N/A	N/A
T013A	Terminal 2 Signage Replacement Project	N/A	0	0	0	N/A	N/A	N/A	N/A
T026A	Midfield Satellite Concourse (North Gates)	N/A	0	3,981	3,981	N/A	N/A	N/A	N/A
T028A	Passenger Boarding Bridge Relocation	N/A	0	116	10	N/A	N/A	N/A	N/A
T029A	Terminal 3 Restroom Enhancements	N/A	0	0	0	N/A	N/A	N/A	N/A
<b>Capital Budget 2 Total</b>		<b>0</b>	<b>0</b>	<b>19,965</b>	<b>16,695</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Work in Progress Total</b>		<b>N/A</b>	<b>0</b>	<b>19,965</b>	<b>16,695</b>	<b>N/A</b>	<b>N/A</b>		

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

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## PROGRAM CASH FLOW OVERVIEW

### User's Guide - Cash Flow

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

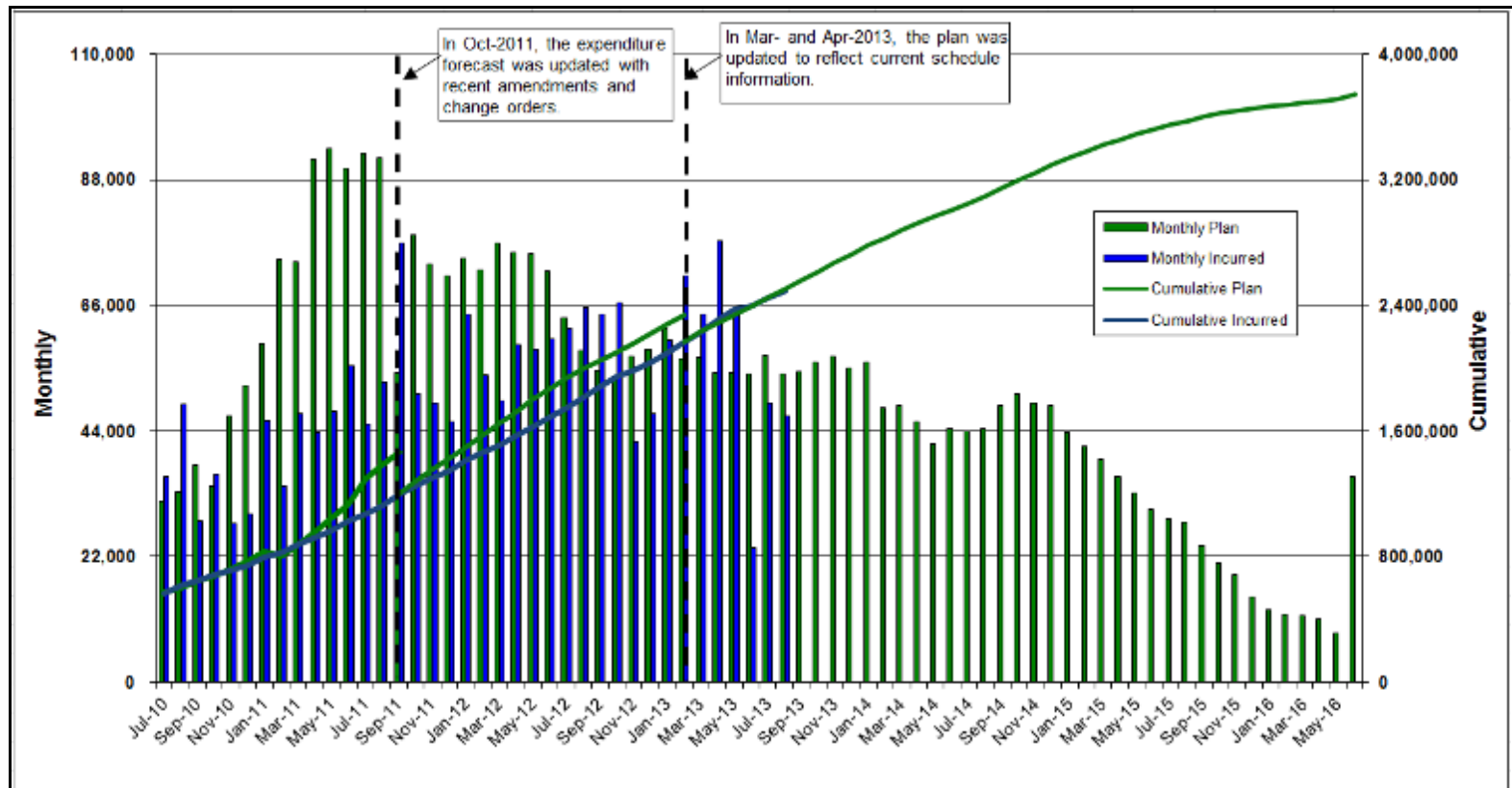
Monthly Plan - Is the estimated cost of the work anticipated for a given month.

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

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

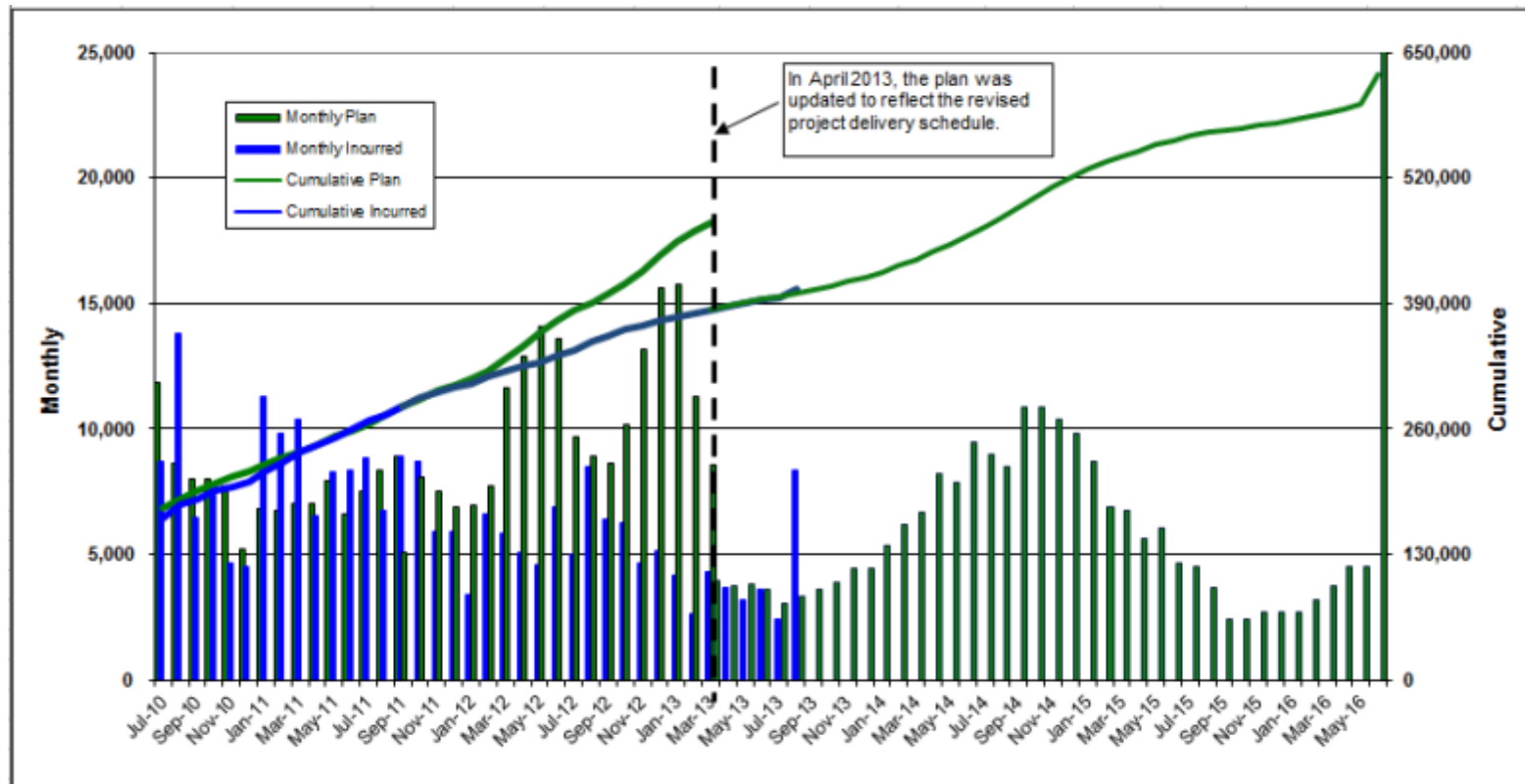
Cumulative Incurred - Represents the summation of the Monthly Incurred amounts, to a given point in time, and provides the user with the total amount invoiced.

## PROGRAM CASH FLOW as of 8/31/2013



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

## AIRSIDE ELEMENT CASH FLOW as of 8/31/2013

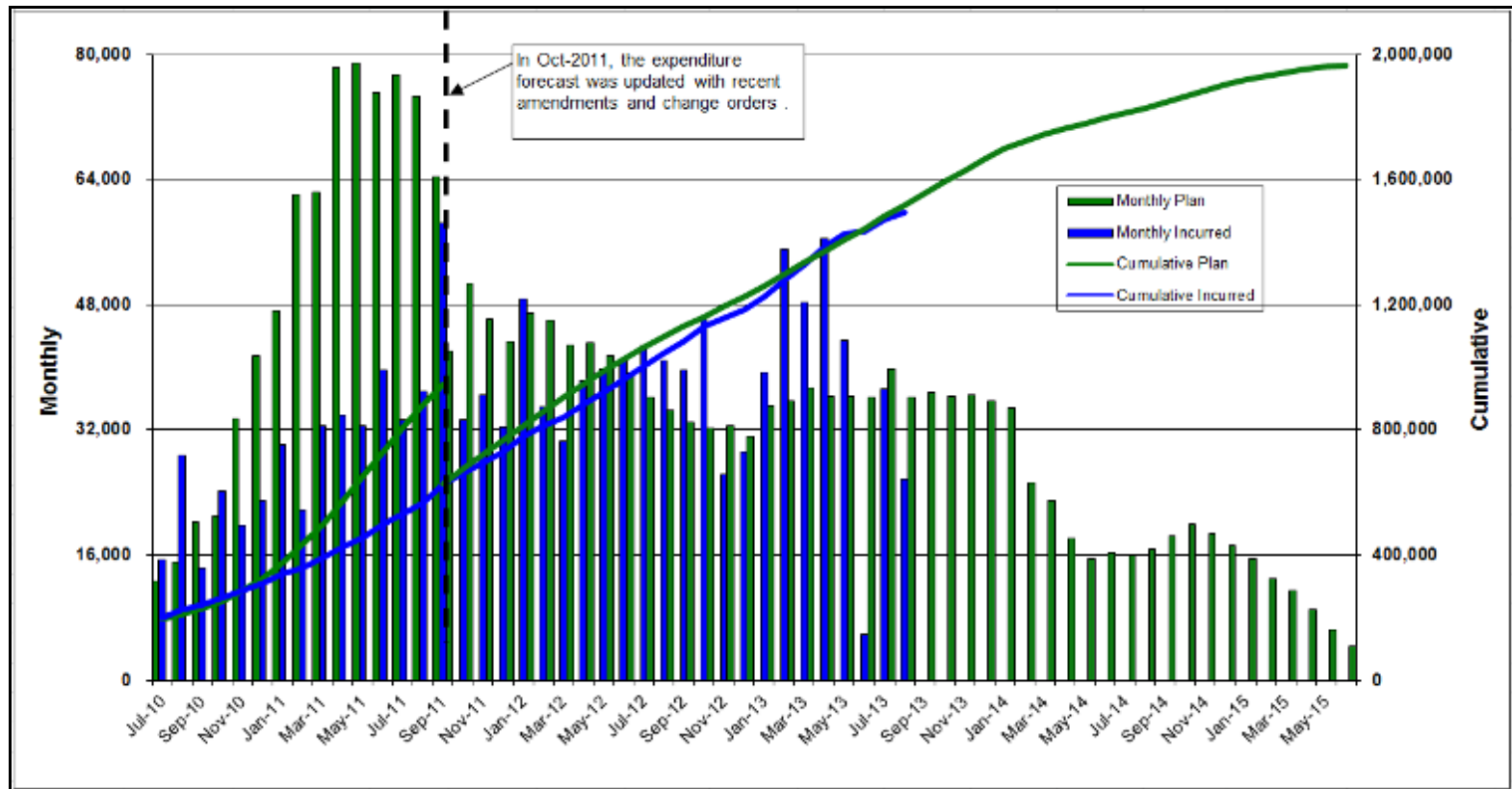


- Notes:
1. Unallocated Contingency is not included.
  2. Escalation is not included.



## BRADLEY WEST ELEMENT CASH FLOW

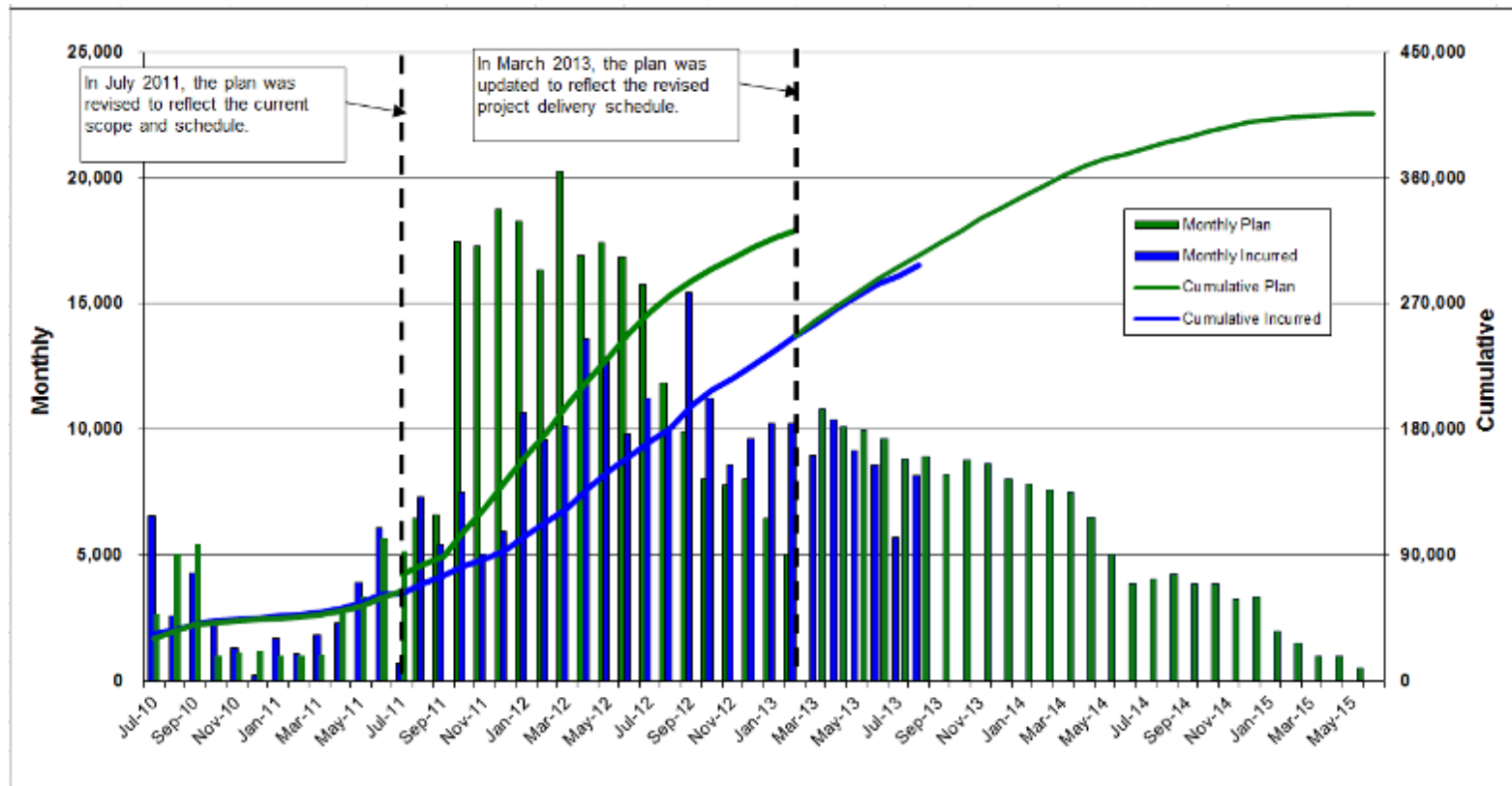
as of 8/31/2013



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

# CUP REPLACEMENT CASH FLOW

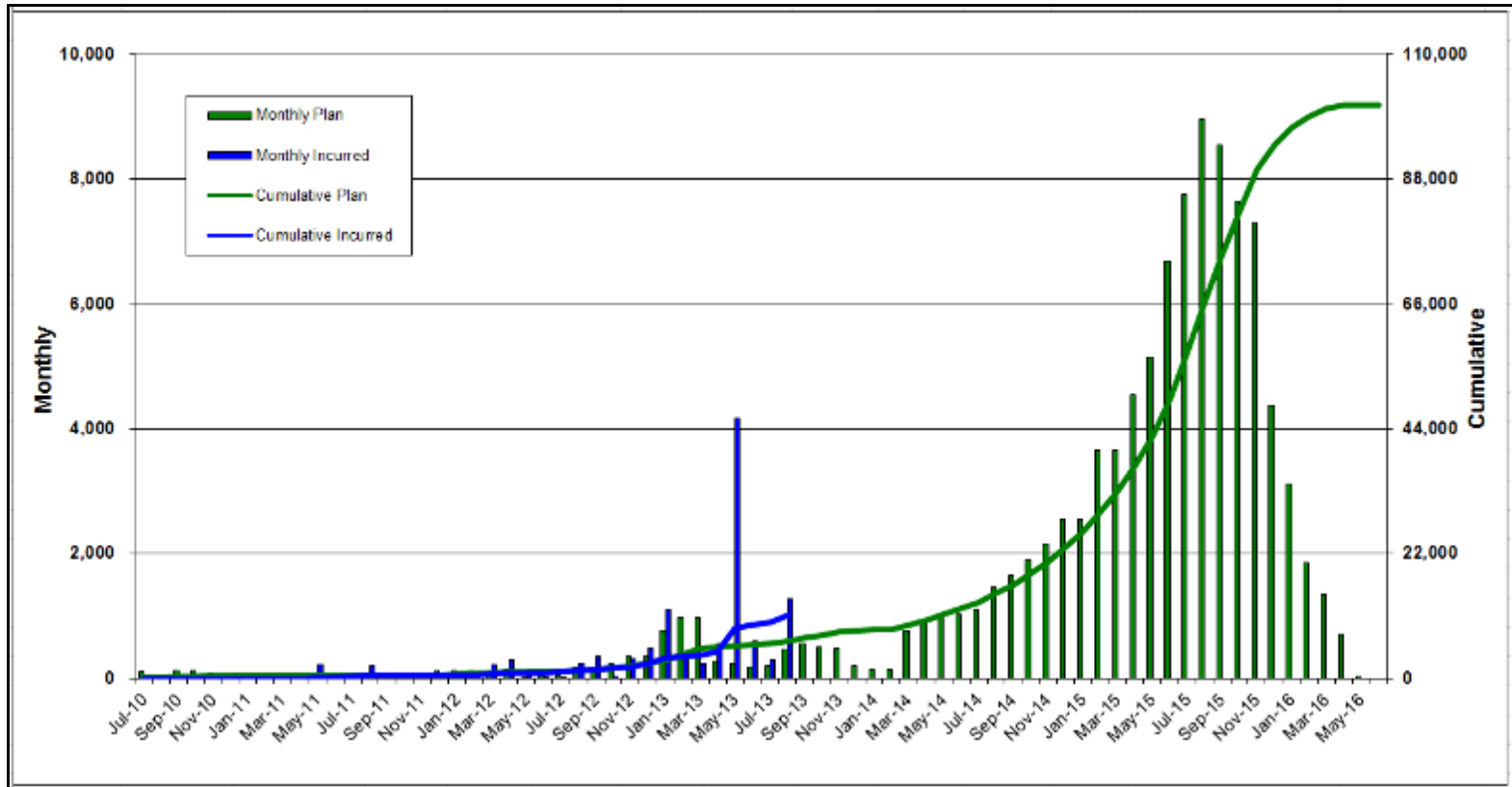
## as of 8/31/2013



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

# LANDSIDE ELEMENT CASH FLOW

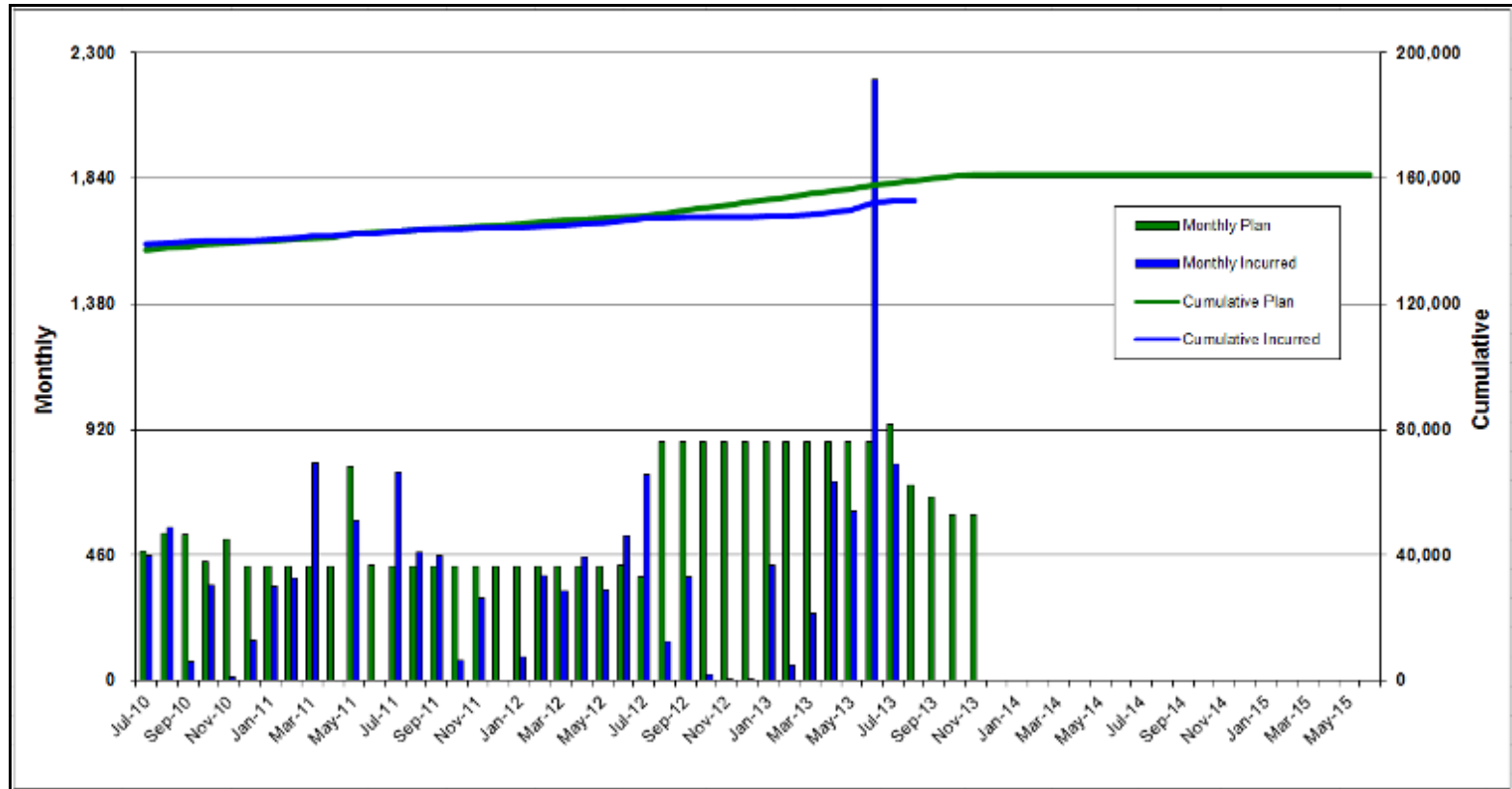
as of 8/31/2013



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

## RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

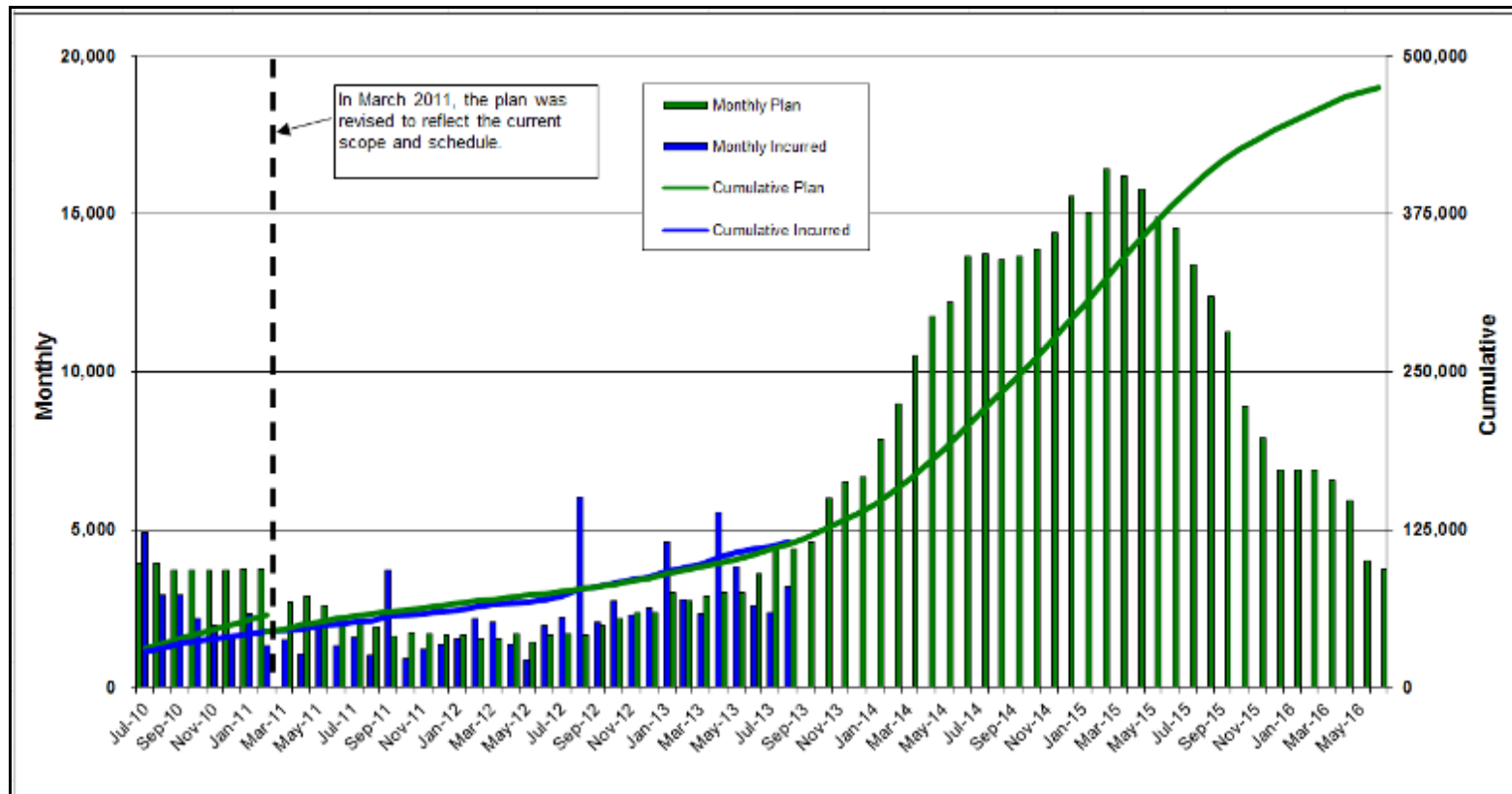
as of 8/31/2013



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

# TERMINALS ELEMENT CASH FLOW

as of 8/31/2013



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

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

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

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

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

## CHANGE ORDERS as of 8/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>							
	<b>M306C - TAXIWAY T - PHASE 1</b>						
	DA-4803		0001				Twenty-Nine Day Non-Compensable Time Ext for Phase 0 and Overall Project

## CHANGE ORDERS - Continued as of 8/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Bradley West Element</b>							
<b>DA-4337 - BRADLEY WEST GATES (DA-4337)</b>							
	DA-4337/CGMP01		0081	\$4,074			BWG Procure PCA Room Trolley Hoists
	DA-4337/CGMP01		0086	\$724			BWG - Staging of Boom Lift at the North Face of Gate - 134
	DA-4337/CGMP01		0087	\$1,727			BWG - Gate 130 Level 5 Pier Ramp Slope Modification (Concrete)
	DA-4337/CGMP01		0088	\$3,255			BWG - North Concourse Construction Access
	DA-4337/CGMP01		0089	\$24,382			BWG - Additional Photographic Documentation of the Gates Project
	DA-4337/CGMP01		0090	\$899			BWG - Gates South Concourse Seat Installation Logistical Support
	DA-4337/CGMP01		0091	\$145,084			BWG -Flaggers at Lateral Access Roads Week's of December 25th, 20
	DA-4337/CGMP01		0092	\$95,884			Flaggers at Lateral Access Roads
	DA-4337/CGMP01		0093	\$(40,415)			BWG - Created to Cancel CGMP Rev 1.76
	DA-4337/CGMP01		0094	\$105,437			BWG - Flaggers at Lateral Access Roads
	DA-4337/CGMP01		0095	\$721			BWG - Personnel for Fire Water Shutdown of May 10, 2013 at the Nort
	DA-4337/CGMP01		0096	\$4,599			BWG - Curb Differential at C and M Breakroom - (Field Servic
	DA-4337/CGMP03		0142	\$(59,133)			BWG - Installation of Pile Caps for Already Installed Caissons at Gate
	DA-4337/CGMP03		0152	\$13,996			BWG - CCP2 - Bradley West Apron Joint Line Revisions, Bulletin H07
	DA-4337/CGMP03		0153	\$(2,359)			BWG - CCP2 - BLT H059E: Revised Apron Pavement Marking Plans
	DA-4337/CGMP03		0154	\$30,976			CCP 2 - BLT H59C, H59B, and H59A: Revised Apron Pavement Mark
	DA-4337/CGMP04		0180	\$2,794			BWG - Protruding Deck at Northeast Corner of South Concessions Lid
	DA-4337/CGMP04		0181	\$2,996			BWG - CMU Blockout for MAU-S2 at Gridlines S3-AA on L
	DA-4337/CGMP05		0177	\$15,183			BWG - CMU Blockout for MAU-S2 at Gridlines S3-AA on L
	DA-4337/CGMP05		0178	\$285			BWG - Gap Between Escalator Pit and Pier Wall (Conveyances)
	DA-4337/CGMP05		0179	\$74,205			BWG - Gates Safety Provision above Binnacle Access Platform at Gri
	DA-4337/CGMP05		0180	\$27,384			BWG - Elevator ATS Switch Conduit and Wiring (Conveyanc
	DA-4337/CGMP06		0091	\$2,167			BWG - SSI CCTV Revised Camera Mounting Locations (Roofing)
	DA-4337/CGMP07		0201	\$6,696			BWG - CU-S1 and CU-S2 Relocation (HVAC)
	DA-4337/CGMP07		0202	\$7,272			BWG - CMU Blockout for MAU-S2 at Gridlines S3-AA on L
	DA-4337/CGMP07		0203	\$36,010			BWG - EMI Shielding Specification Requirements (HVAC)
	DA-4337/CGMP07		0204	\$3,856			BWG - Panel 3SMEBL Phase Balances
	DA-4337/CGMP07		0205	\$2,868			TENT - Resume and Finishing of Contract Work at South Concourse L
	DA-4337/CGMP08		0358	\$5,952			BWG - Lift Station Anchor Plate Coring at Gate 134
	DA-4337/CGMP08		0359	\$1,977			BWG - Additional Mock-Up Requirements - (Electrical)
	DA-4337/CGMP08		0370	\$4,947			BWG - Gate 134 - Polyphaser Alternate Product to Fit Open



### Bradley West Element

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

DA-4337/CGMP08	0371	\$1,845		BWG - Add Flow Switch to Room 3S4-08 per LADBS Correction Noti
DA-4337/CGMP08	0372	\$1,288		BWG - Tenant Damage - Re-Pull and Test Fire Alarm Cable at Level 3
DA-4337/CGMP08	0373	\$2,498		BWG - Electrical Power for AHU-S3 Condensate Pump
DA-4337/CGMP08	0374	\$1,137		BWG - LADBS Correction Notice 13AEK0410 for Transfor
DA-4337/CGMP08	0375	\$3,204		BWG - Elect - LADBS Correction Notice #13DCR00030 Tr
DA-4337/CGMP08	0376	\$10,000		BWG - South Concourse Level 5 Pier Motorized Dampers
DA-4337/CGMP08	0377	\$(12,485)		BWG - Communications - Click to Dial
DA-4337/CGMP08	0378	\$5,190		BWG - Elect - IEMS Power Spare Conduits - South Electric
DA-4337/CGMP08	0379	\$5,343		BWG - Comm - VSS Equipment Shutdown Support
DA-4337/CGMP08	0380	\$1,839		BWG - Troubleshooting Efforts for CCTV Cameras in Existing TBIT
DA-4337/CGMP08	0381	\$1,365		BWG - Troubleshooting Efforts for CCTV Cameras in Existing TBIT
DA-4337/CGMP08	0382	\$689		Elect - LADBS Correction Notice 13DCR00084 FM-200m B
DA-4337/CGMP08	0383	\$5,047		BWG - LADBS CN for Level 4 S5 Drinking Fountains
DA-4337/CGMP08	0384	\$2,015		BWG - CU-S1 and CU-S2 Relocation (Electrical)
DA-4337/CGMP08	0385	\$22,275		BWG - Telecom Rooms Occupancy Sensors
DA-4337/CGMP08	0386	\$2,454		BWG - F34 Light Fixtures at South Concourse S3 and S5 Restrooms
DA-4337/CGMP08	0387	\$14,303		BWG - 3-Way Switching
DA-4337/CGMP08	0388	\$55,743		BWG - Lift Station at Carpet/Terrazzo Transition
DA-4337/CGMP08	0389	\$8,907		BWG - Additional Fiber Length for North and South Concourse to TR1
DA-4337/CGMP08	0390	\$20,278		BWG - Birchwood Light Fixtures at West Podium Piers and Gate 159
DA-4337/CGMP08	0391	\$9,660		BWG - Comm - VSS Equipment Shutdown Support
DA-4337/CGMP08	0392	\$2,847		BWG - Comm - Troubleshooting Efforts for Genetec VSS SAN1 in TRI
DA-4337/CGMP08	0393	\$23,852		BWG - B6 Signage Clarification
DA-4337/CGMP08	0394	\$40,415		BWG - Bond All Metal Parts of the Manholes
DA-4337/CGMP08	0395	\$8,083		BWG - Comm - Additional Power Supply for ACAMS
DA-4337/CGMP08	0396	\$3,628		BWG - ASDEX Power Modifications
DA-4337/CGMP08	0397	\$17,239		BWG - Electrical - BAS Tenant Metering Panels
DA-4337/CGMP08	0398	\$95,531		BWG - Electrical - Gate 123 Cutover Additional Conductors for 3NMM
DA-4337/CGMP08	0399	\$1,937		BWG - Electrical - Gate 123 Cutover - Switchboard MSD Existing Con
DA-4337/CGMP08	0400	\$758		BWG - Plan Check Application #
DA-4337/CGMP08	0401	\$78,628		BWG - Final Lighting Attic Stock Percents Required by Owner
DA-4337/CGMP08	0402	\$15,092		Roller Shade Window Controller Location at Level 3 Area N
DA-4337/CGMP08	0403	\$8,566		BWG - North and South Total Single Line Diagrams
DA-4337/CGMP08	0404	\$10,824		BWG 3rd Floor WiFi Mounting Details
DA-4337/CGMP08	0405	\$41,830		BWG - Level 4 Exit Signs Relocations and Eliminations from 11.30.12
DA-4337/CGMP08	0406	\$3,239		BWG - Panel 3SMEBL Phase Balances

**Bradley West Element**

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

DA-4337/CGMP08	0407	\$36,042		BWG Elect - North Concourse Fire Alarm Coverage Per LA
DA-4337/CGMP08	0408	\$48,763		BWG Elevator ATS Switch Conduit and Wiring (Electrical)
DA-4337/CGMP08	0409	\$2,190		Cisco WiFi Outdoor Access Point Mounting Kits for Owner Provided A
DA-4337/CGMP08	0410	\$6,451		TENT - Resume and Finishing of Contract Work at South Concourse L
DA-4337/CGMP09	0122	\$2,019		BWG - Protruding Deck at Northeast Corner of South Concessions Lid
DA-4337/CGMP09	0123	\$2,438		BWG - CMU Blockout for MAU-S2 at Gridlines S3-AA on L
DA-4337/CGMP09	0124	\$3,158		BWG - Top of CMU Wall Bracing
DA-4337/CGMP09	0125	\$5,422		BWG - Gates Safety Provision above Binnacle Access Platform at Gri
DA-4337/CGMP10	0256	\$5,196		BWG - Temporary Partition, Door, Signage and Egress Route Details
DA-4337/CGMP10	0257	\$970		BWG - F34 Light Fixtures at South Concourse S3 and S5 Restroom
DA-4337/CGMP10	0258	\$4,488		BWG - ACAMS Modifications at Door Hardware Coordination
DA-4337/CGMP10	0259	\$14,374		BWG - Rating at Pier Roof Access Ladder Enclosures
DA-4337/CGMP10	0260	\$(3,618)		BWG Conduit and Piping Conflicts
DA-4337/CGMP10	0261	\$3,371		BWG - Added Rated Assembly at Level 4 Piers
DA-4337/CGMP10	0262	\$1,227		BWG - Curb Differential at C and M Breakroom (Drywall)
DA-4337/CGMP10	0263	\$14,805		BWG - Level 4 Exit Signs Relocations and Eliminations from 11.30.1
DA-4337/CGMP10	0264	\$4,316		Directive on FA Devices and Ceiling Grid Install
DA-4337/CGMP11	0037	\$332		BWG - EMI Shielding Specification Requirements (Acoustical Ceiling
DA-4337/CGMP11	0038	\$1,135		BWG 3rd Floor WiFi Mounting Details
DA-4337/CGMP12	0124	\$6,361		BWG - Revised Camera Mounting Locations (Metal Ceilin
DA-4337/CGMP12	0125	\$17,310		BWG - Int - Gate 156 Metal Pan Ceiling and Level 5 AESS Conflict -
DA-4337/CGMP12	0126	\$20,566		BWG - Escalators Barrier at North Concourse and Bus Connector Bu
DA-4337/CGMP12	0127	\$40,731		BWG - AESS and Sterile Corridor Glass Conflict with Metal Pan Ceili
DA-4337/CGMP12	0128	\$(1,798)		BWG Cancels CGMP Rev 12.123 see CGMP Rev 13.119
DA-4337/CGMP12	0129	\$9,965		BWG Int - Sterile Corridor Horizontal Member and Beam
DA-4337/CGMP12	0130	\$48,551		Gates Epoxy Terrazzo Steps at Public Stairs (Interior Glass)
DA-4337/CGMP12	0131	\$2,052		BWG - F34 Light Fixtures at South Concourse S3 and S5 Restroom
DA-4337/CGMP12	0132		\$(150,530)	BWG - GATES: Stop Fabrication and Installation of Decorative Scree
DA-4337/CGMP12	0133	\$6,746		BWG Int - Closure of Diagonal GFRP Wrap at N21
DA-4337/CGMP12	0134	\$(10,779)		BWG - Gates Safety Provision above Binnacle Access Platform at G
DA-4337/CGMP12	0135	\$11,256		BWG Int - Tapered Ceiling at Underside of Sterile Corrido
DA-4337/CGMP12	0136	\$12,553		BWG - Level 4 Exit Signs Relocations and Eliminations from 11.30.1
DA-4337/CGMP12	0137	\$60,953		TENT - Resume and Finishing of Contract Work at South Concourse
DA-4337/CGMP12	0138	\$30,000		BWG - Revised Early Operation of Gate 134
DA-4337/CGMP13	0118	\$1,113		BWG - Int - Shower Bench Conflict with Shower Pan
DA-4337/CGMP13	0119	\$1,798		BWG Blocking for Level 3 Locker Rooms

### Bradley West Element

DA-4337 - BRADLEY WEST GATES (DA-4337)					
DA-4337/CGMP13	0120	\$2,300			BWG - AESS and Sterile Corridor Glass Conflict with Metal Pan Ceili
DA-4337/CGMP13	0121		\$189,042		Gates Epoxy Terrazzo Steps at Public Stairs (Terrazzo)
DA-4337/CGMP13	0122	\$2,145			BWG - F34 Light Fixtures at South Concourse S3 and S5 Restroom
DA-4337/CGMP13	0123	\$13,145			BWG - Gap Between Escalator Pit and Pier Wall (Interior Expansion)
DA-4337/CGMP13	0124	\$34,982			BWG - Gates Safety Provision above Binnacle Access Platform at G
DA-4337/CGMP13	0125	\$1,749			BWG - Level 4 Exit Signs Relocations and Eliminations from 11.30.1
DA-4337/CGMP13	0126	\$2,109			Directive on FA Devices and Ceiling Grid Install
DA-4337/CGMP13	0127	\$890			TENT - Resume and Finishing of Contract Work at South Concourse
DA-4337/CGMP14	0043	\$6,957			BWG - Temporary Walls and Signage for Phase A.1 (Soft F
DA-4337/CGMP14	0045	\$14,547			PBB - Stabilizer Mechanical Override at Gates 134 and 130
DA-4337/CGMP14	0046	\$632			BWG - PBB - RRS Elimination at Gate 130 (PBB)
DA-4337/CGMP14	0047	\$1,341			BWG - BWG Int - Family Rest Room Counter Overhang BI
DA-4337/CGMP14	0048	\$6,397			BWG - Modification of PBB Ancillary Control Station Locations
DA-4337/CGMP14	0049	\$1,656			BWG - Gate 130 Level 5 Pier Ramp Slope Modification (Carpet)
DA-4337/CGMP14	0050	\$52,659			BWG - PBB - LAFD Correction Notice for PBB Smoke Detectors
DA-4337/CGMP14	0051	\$3,091			Add Cypher Locks to Gate 130 and Gate 150 PBB 2 Access Doors
DA-4337/CGMP14	0052	\$3,673			BWG - Vehicle Delivery for Rapid Recharge Stations
DA-4337/CGMP14	0053	\$3,090			CCP 2 - BLT H59C, H59B, and H59A: Revised Apron Pavement Mark
DA-4337/CGMP14	0054	\$3,402			Roller Shade Window Controller Location at Level 3 Area
DA-4337/CGMP14	0055	\$426			BWG - Curb Differential at C and M Breakroom (Flooring)
DA-4337/CGMP14	0056	\$5,289			BWG - Gates Safety Provision above Binnacle Access Platform at Gri
DA-4337/CGMP15	0021	\$924			BWG - C1 Elevator Directory Signage Message
DA-4337/CGMP15	0022	\$1,128			BWG Int - Level 4 RR Signage Locations
DA-4337/CGMP15	0023	\$136			BWG - Level 4 Exit Signs Relocations and Eliminations from 11.30.12
DA-4382 - BRADLEY WEST CORE (DA-4382)					
DA-4382/CGMP01	0110	\$1,759			BWC - Core Temporary Power (Field Services)
DA-4382/CGMP01	0111	\$1,901			BWC - RENO - Phase 0 - Level 1 Bump Out - Reinforcing of Existing
DA-4382/CGMP01	0112	\$1,903			BWC - RENO - Phase 0 - Level 1 Bump Out/Level 3 Penetrations/Lev
DA-4382/CGMP01	0113	\$580			BWC - Repair Phone Damaged during ADG Transport (Field Services)
DA-4382/CGMP02	0046	\$1,591			BWC - Added Footing for Bottom Flight of Stair C4ST01
DA-4382/CGMP02	0047	\$(16,441)			BWC - Credit for Use of LAWA PMB Stockpile
DA-4382/CGMP04	0161	\$31,734			BWC IEMS Interfaces to Systems (Conveyances)
DA-4382/CGMP04	0162	\$7,802			BWC - Escalator Pit Receptacle, Light Fixture and Switch Verification,
DA-4382/CGMP04	0163	\$1,114			Change C8EL05 Primary Recall
DA-4382/CGMP04	0164	\$7,918			BWC - Fan Supervision at Stairs 9 and 10 (Electric)

**Bradley West Element**

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

DA-4382/CGMP05	0092	\$12,041		BWC - Penthouse Gutter and Head Detail
DA-4382/CGMP05	0093	\$1,286		BWC Ext - Waterproofing Membrane Sill Pan Detail at EWT 04 Wall
DA-4382/CGMP05	0094	\$2,239		BWC - R/58 Seismic Joint Conditions (Metal Roofing)
DA-4382/CGMP05	0095	\$6,316		BWC - North T3 Connector Metal Panel L4
DA-4382/CGMP05	0096	\$3,001		BWC - Modified Deluge Pipe Supports at Gate 148 Roof
DA-4382/CGMP05	0097	\$1,588		BWC - Closure at Parapet in CMU Wall at Grids 38/NE1.2
DA-4382/CGMP05	0098	\$7,188		BWC - PVC Membrane Seal Between Veneer Wall and Hardi Board T
DA-4382/CGMP05	0099	\$760		BWC - Added Walk Pads at Gate 148 PVC Roof
DA-4382/CGMP05	0101	\$2,289		BWC - Boom Lift Conflict with Fire Riser at Gridlines X19 on Level 7 (
DA-4382/CGMP06	0379	\$2,020		BWC - IEMS Time Tower Feature and Infrastructure
DA-4382/CGMP06	0380	\$2,300		BWC - Electric Room 4C7-45 Transformer Mounting Conflicts
DA-4382/CGMP06	0381	\$1,421		BWC - Deleted Access Hatch on Level 6 C4 Stairs (Self Pe
DA-4382/CGMP06	0382	\$3,307		BWC - IEMS Time Tower Elevator Structure - Access Hat
DA-4382/CGMP06	0383	\$530		BWC int - Door Frames 4C7-13 and 4C7-12
DA-4382/CGMP06	0384	\$757		BWC - Column Wrap Framing At X1-Y1 Level 3 (Concrete)
DA-4382/CGMP07	0076	\$3,567		BWC - Ext - X1 Concrete ramp and curtain wall door
DA-4382/CGMP07	0077	\$3,775		BWC - North Light Well East Straight Curtainwall Jambs and Sloping C
DA-4382/CGMP07	0078	\$9,475		BWC - Temporary Loading Dock at the West Apron Between X-1/C4 an
DA-4382/CGMP07	0079	\$22,006		BWC - Exterior Rooftop Ladders for Skylight Access and Gutter Clarific
DA-4382/CGMP08	0488	\$63,441		BWC IEMS Interfaces to Systems (Electrical)
DA-4382/CGMP08	0489	\$447		BWC - Relocate Plumbing Waste Line Cleanout from Leve
DA-4382/CGMP08	0490	\$20,146		BWC - UPS Change for Room 3C4-34 Rack-1
DA-4382/CGMP08	0491	\$4,042		BWC Int - 3C8-40C Hardware Change (Electrical)
DA-4382/CGMP08	0493	\$3,004		BWC - N-Light Photocell Location
DA-4382/CGMP08	0494	\$7,459		BWC - Paging System Programming for IEMS Time Tower Coordinati
DA-4382/CGMP08	0495	\$10,112		BWC Int - Added Wall at 3C8-40/41 in (Electrical)
DA-4382/CGMP08	0496		\$314,672	BWC - Core Temporary Power (Electrical)
DA-4382/CGMP08	0497	\$78,304		BWC - Escalator Pit Receptacle, Light Fixture and Switch Verification,
DA-4382/CGMP08	0498	\$7,734		BWC - Hose Valve Required for Stair 3C8ST02
DA-4382/CGMP08	0499	\$1,506		BWC - Modified Deluge Pipe Supports at Gate 148 Roof
DA-4382/CGMP08	0500	\$(2,013)		BWC - Smoke Curtain Power at Elevators
DA-4382/CGMP08	0501	\$15,698		BWC - Electrical Power to 5C8-08 Accordion Door
DA-4382/CGMP08	0502	\$19,926		BWC - Hose Valve and Sprinkler Protection at Stair
DA-4382/CGMP08	0503	\$5,116		BWC - IEMS Creative Hardware Mounting Details

### Bradley West Element

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

DA-4382/CGMP08	0504	\$(1,758)		BWC - Voice Gateways
DA-4382/CGMP08	0505	\$4,037		BWC - Dedicated Fourplex Receptacle Circuits
DA-4382/CGMP08	0506	\$13,111		BWC - Emergency Power Circuitry for Fire Protection Pre-
DA-4382/CGMP08	0507	\$(3)		BWC Paging System Programming for IEMS Time Tower Coordinatio
DA-4382/CGMP08	0508	\$(4,666)		BWC - Mecho Shades Master Controller
DA-4382/CGMP08	0509	\$4,207		BWC Int - Acoustical Ceiling Elevations at Level 1 1C8-20,
DA-4382/CGMP08	0510	\$67,680		BWC - Renovation - Phase "0" CBP North Offices - Electrical/Data Ca
DA-4382/CGMP08	0511	\$35,045		BWC - SSI - IEMS Revise Equip and Infrastructure
DA-4382/CGMP08	0512	\$46,575		BWC - CBP Patch Cables Fiber/Copper
DA-4382/CGMP08	0513	\$2,007		BWC - Drinking Fountain Configuration and Quantity at 4C
DA-4382/CGMP08	0514	\$1,715		BWC - Return Air Grille's at A34C1 - (HVAC)
DA-4382/CGMP08	0515	\$31,857		BWC - COMM - Conduit Bend Radius Level 3 GL R and 58.5
DA-4382/CGMP08	0516	\$(1,368)		BWC - Food and Beverage Room 4C4-40 - Delete Soffit Installation (H
DA-4382/CGMP08	0517	\$5,569		BWC - Supply Duct Penetration for VAV C5.26 at 3C7-75
DA-4382/CGMP08	0518	\$10,383		BWC - Mecho Shades Bypass Switch Locations (Elect
DA-4382/CGMP08	0519	\$1,165		BWC - Int - Dropped Ceiling Between Gridlines R2/R1 and 42/44
DA-4382/CGMP08	0520	\$2,432		BWC - Comm - Gate 148 IEMS EVIDS Equipment Behind
DA-4382/CGMP08	0521	\$6,619		BWC - Int - Rating Under Stair 2C5ST02
DA-4382/CGMP08	0522	\$5,203		BWC - CU-C3.1 and OSA Main Back Draft Dampers (HVA
DA-4382/CGMP08	0524	\$(19,767)		BWC - Comm - Level 2 Area C7 Conduit Change (Electrica
DA-4382/CGMP08	0525	\$8,160		BWC Int - Welcome Wall Revealed Structural Steel (HVA
DA-4382/CGMP08	0526	\$91,278		BWC - IEMS Power Distribution Feeder Circuit Breaker and Conduit D
DA-4382/CGMP08	0527	\$3,251		BWC - Stair 5C3ST02 FC18d Quantity and Location (Elect
DA-4382/CGMP08	0528	\$21,416		BWC Return Air Openings for CRU-C4.3
DA-4382/CGMP08	0529	\$22,386		BWC - Level 7 ACAMS Revisions
DA-4382/CGMP08	0530	\$556		BWC - Fan Supervision at Stairs 9 and 10 (Electric)
DA-4382/CGMP08	0531	\$7,350		BWC - Boom Lift Conflict with Fire Riser at Gridlines X19 on Level 7 (
DA-4382/CGMP08	0532	\$1,329		BWC - FC10 Cove Light Corner Pieces in 4C1-40 (Electric
DA-4382/CGMP09	0205	\$9,508		BWC - R/58 Seismic Joint Conditions (Exterior Framing and
DA-4382/CGMP09	0207	\$(1,769)		Deleted Access Hatch on Level 6 C4 Stairs (Miscellaneous
DA-4382/CGMP09	0208	\$2,453		BWC Shaftwall in Lieu of CMU at Elevator C4EL01
DA-4382/CGMP09	0209	\$1,287		BWC - Closure at Parapet in CMU Wall at Grids 38/NE1.2
DA-4382/CGMP09	0210	\$30,696		Core CMU Bracing at Level 3, Southeast Corner of Core
DA-4382/CGMP09	0211	\$663		Relocation of FEC/AED Cabinet at Corridor 6C8-20

### Bradley West Element

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

DA-4382/CGMP09	0214	\$9,874		BWC - Column Wrap Framing At X1-Y1 Level 3 (Exterior Fr
DA-4382/CGMP09	0215	\$4,588		BWC - Core Lvl 3 EWT 02 Wall Interruption Between C3/C2 and SE 3
DA-4382/CGMP10	0061	\$8,843		Level 4 Structural Beam and Connection Upgrades (A
DA-4382/CGMP10	0062	\$11,706		BWC - Light Pendant Support and Framing at Level 1
DA-4382/CGMP10	0063	\$6,894		Core CMU Bracing at Level 3, Southeast Corner of Core
DA-4382/CGMP10	0064	\$1,798		Core Level 1 Pass Through Seismic Joint at GL T/49
DA-4382/CGMP10	0065	\$3,620		BWC - CU-C3.1 and OSA Main Back Draft Dampers - (Firep
DA-4382/CGMP10	0066	\$4,162		BWC Int - Welcome Wall Revealed Structural Steel (Appl
DA-4382/CGMP10	0067	\$3,551		BWC - Core Lvl 3 EWT 02 Wall Interruption Between C3/C2 and SE 3
DA-4382/CGMP11	0013	\$6,461		BWC - Add BHS Ladder Extension
DA-4382/CGMP12	0242	\$538		BWC - CCC 3C6-50 Device Locations
DA-4382/CGMP12	0243	\$4,712		BWC - North Light Well East Straight Curtainwall Jambs and Sloping
DA-4382/CGMP12	0244	\$2,036		BWC Int - 3C8-40C Hardware Change (Doors/ Frame/ Ha
DA-4382/CGMP12	0245	\$831		BWC - Location of B8 Sign on Level 1 at Gridline 49
DA-4382/CGMP12	0246	\$10,406		BWC Int - Added Wall at 3C8-40/41 in (Gypsum
DA-4382/CGMP12	0247	\$3,367		BWC - Hose Valve Required for Stair 3C8ST02
DA-4382/CGMP12	0248	\$3,586		BWC - Hose Valve and Sprinkler Protection at Stair
DA-4382/CGMP12	0249	\$7,347		BWC - RENO - Phase "0"- Level 3 bumpout - 1 Hour Rated Wall and
DA-4382/CGMP12	0250	\$2,684		Core NNC 371 Vertical Firestop at CMU Joint
DA-4382/CGMP12	0251	\$3,200		BWC Int - Extend Bottom of North Wall at 4C4ST03 (Gyp
DA-4382/CGMP12	0252	\$5,462		BWC Additional Column Wraps at X13 High Soffit
DA-4382/CGMP12	0253	\$2,127		BWC Vertical Seismic Joint and Framing Conflict at Nor
DA-4382/CGMP12	0254	\$1,178		BWC Int - Level 6 Fire Extinguisher Cabinet Conflict at GL
DA-4382/CGMP12	0255	\$5,216		BWC - 22" x 14" Fire Damper at Level 3 Gridlines R1/43
DA-4382/CGMP12	0256	\$1,019		BWC Int - Wall Rating at Women's Restroom 3C8-19
DA-4382/CGMP12	0257	\$1,338		BWC - Drinking Fountain Configuration and Quantity at 4
DA-4382/CGMP12	0258	\$9,003		Core Level 1 Pass Through Seismic Joint at GL T/49
DA-4382/CGMP12	0259	\$816		BWC - Supply Duct Penetration for VAV C5.26 at 3C7-75
DA-4382/CGMP12	0260	\$1,229		Relocation of FEC/AED Cabinet at Corridor 6C8-20
DA-4382/CGMP12	0261	\$5,249		BWC Int - LADBS Correction Notice - Sprinkler Requirem
DA-4382/CGMP12	0262	\$15,088		Mech Block Outs With Stud Infill.
DA-4382/CGMP12	0263	\$4,475		BWC - Int - Dropped Ceiling Between Gridlines R2/R1 and 42/44 - R
DA-4382/CGMP12	0264	\$1,000		BWC Comm - Gate 148 IEMS EVIDS Equipment Behind
DA-4382/CGMP12	0265	\$2,257		BWC Provide Detail Showing Finishing Instru

### Bradley West Element

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

DA-4382/CGMP12	0266	\$7,179	BWC - Int - Rating Under Stair 2C5ST02 - (Drywall)
DA-4382/CGMP12	0268	\$4,586	BWC Int - Welcome Wall Revealed Structural Steel (Gy
DA-4382/CGMP12	0269	\$4,891	Added Soffit at East Wall of Gate 148 (Gypsum Board/ Fr
DA-4382/CGMP12	0270	\$3,759	BWC - Temporary Loading Dock at the West Apron Between X-1/C4
DA-4382/CGMP12	0271	\$4,857	BWC Return Air Openings for CRU-C4.3 per
DA-4382/CGMP12	0272	\$2,214	BWC - Exit Corridor Door Swing
DA-4382/CGMP13	0104	\$3,489	BWC - North Light Well East Straight Curtain Wall Jambs and Slop
DA-4382/CGMP13	0105	\$7,827	BWC - Int - Sterile Corridor AESS Level 4 Area C1 Attachment to Str
DA-4382/CGMP13	0106	\$40,759	BWC - Epoxy Terrazzo Steps at Public Stairs
DA-4382/CGMP13	0107	\$26,014	BWC Int - Glass Support at North AESS
DA-4382/CGMP13	0108	\$25,493	BWC - Submittal Package 1382 BWC-2 Light Pendant End Cap Revi
DA-4382/CGMP13	0109	\$6,417	BWC - Increase Column Cover Diameter to Accommodate Concrete
DA-4382/CGMP13	0110	\$43,314	BWC - Glass Guardrail at Escalators
DA-4382/CGMP13	0111	\$5,979	BWC Int - Glass Handrail Mock Up with Wet Cement
DA-4382/CGMP13	0112	\$1,242	BWC Int - Stair C4ST05 Handrail and Smoke Baffle Conflict
DA-4382/CGMP13	0113	\$1,623	BWC - Exposed Structural Plate Below Ceiling X
DA-4382/CGMP13	0114	\$(11,293)	BWC - Food and Beverage Room 4C4-40 - Delete Soffit Installation
DA-4382/CGMP13	0115	\$43,703	BWC -trespa Detail at Slab Edge
DA-4382/CGMP13	0116	\$2,467	BWC - Int - Dropped Ceiling Between Gridlines R2/R1 and 42/44 - R
DA-4382/CGMP13	0117	\$23,497	Mayor's Dedication Signage
DA-4382/CGMP13	0119	\$10,545	BWC Trespa Detail at 2nd Floor North Light Well
DA-4382/CGMP13	0120	\$1,412	BWC Int - Welcome Wall Revealed Structural Steel (De
DA-4382/CGMP13	0121	\$25,237	BWC Level 3 Perimeter Trim at WC-1 Ceilings (Decorative
DA-4382/CGMP14	0120	\$1,546	BWC - Int - Sterile Corridor AESS Level 4 Area C1 Attachment to St
DA-4382/CGMP14	0121	\$2,393	BWC - Combo Starter Disconnects at CRAC Units in All Comm Roo
DA-4382/CGMP14	0122	\$543	BWC - FEC Type Discrepancy at 5C6-20
DA-4382/CGMP14	0123	\$786	BWC - Relocate J-Boxes in North Skylight Level 4
DA-4382/CGMP14	0124	\$641	BWC Int - Extend Bottom of North Wall at 4C4ST03 (Pain
DA-4382/CGMP14	0125	\$1,921	BWC - Additional Column Wraps at X13 High Soffit
DA-4382/CGMP14	0126	\$1,145	BWC Int - Level 3 Restroom Conflicts
DA-4382/CGMP14	0127	\$448	BWC - CBP LCD 40 EVIDS Installation Clarification
DA-4382/CGMP14	0128	\$818	Temporary Gypsum Board Infill at Gap between TCO Wall and Res
DA-4382/CGMP14	0129	\$57,353	Core AED Cabinet Change
DA-4382/CGMP14	0130	\$1,252	BWC Exposed Structural Plate Below Ceiling X7
DA-4382/CGMP14	0131	\$1,567	BWC - 22" x 14" Fire Damper at Level 3 Gridlines R1/43

**Bradley West Element**

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

DA-4382/CGMP14	0132	\$427		BWC - Return Air Grille's at A34C1 - (Painting)
DA-4382/CGMP14	0133	\$9,228		Core Level 1 Pass Through Seismic Joint at GL T/49
DA-4382/CGMP14	0134	\$(344)		BWC - Food and Beverage Room 4C4-40 - Delete Soffit Installation (
DA-4382/CGMP14	0135	\$1,348		Relocation of FEC/AED Cabinet at Corridor 6C8-20
DA-4382/CGMP14	0136	\$4,830		BWC - Floor Finish In Vestibule South of 3C5ST01
DA-4382/CGMP14	0137	\$640		BWC - Int - Dropped Ceiling Between Gridlines R2/R1 and 42/44 - R
DA-4382/CGMP14	0138	\$825		BWC Int FEC-4 Level 4 Location Discrepancies
DA-4382/CGMP14	0139	\$419		BWC - BWC Int - Provide Detail Showing Finishing Instru
DA-4382/CGMP14	0140	\$751		BWC - Int - Rating Under Stair 2C5ST02 (Painting)
DA-4382/CGMP14	0141	\$4,528		BWC - Temp Wall Painted Finish, Level 4, CL C20
DA-4382/CGMP14	0142	\$422		BWC - Y8.5/X2 Column Detail
DA-4382/CGMP14	0143	\$2,652		BWC - Comm - Level 2 Area C7 Conduit Change (Paintin
DA-4382/CGMP14	0144	\$1,092		Added Soffit at East Wall of Gate 148 (Painting)
DA-4382/CGMP14	0147	\$1,784		BWC - Stair 5C3ST02 FC18d Quantity and Location (Pai
DA-4382/CGMP14	0148	\$1,508		BWC - Exit Corridor Door Swing (Painting)
DA-4382/CGMP14	0149	\$36,420		BWC - Level 3 Perimeter Trim at WC-1 Ceilings (Painting)
DA-4382/CGMP14	0150	\$1,984		BWC - FC10 Cove Light Corner Pieces in 4C1-40 (Paintin
DA-4382/CGMP15	0033	\$7,804		BWC - PBB - Replace PBB Smoke Detectors at Gate 148
DA-4382/CGMP15	0035	\$2,461		BWC Int - Level 3 Restroom Conflicts
DA-4382/CGMP15	0036	\$3,237		ADA Large Forms Counters at Gridlines X9 and X10
DA-4382/CGMP15	0037	\$14,432		BWC - CBP Booth Type Quantity Revision
DA-4382/CGMP15	0038	\$1,508		BWC - Mecho Shades Bypass Switch Locations (Arch
DA-4382/CGMP15	0039	\$3,262		BWC - Lift Gate Room Counter Modification Room 3C6-40
DA-4382/CGMP15	0040	\$2,914		BWC - FC10 Cove Light Corner Pieces in 4C1-40 (Tiling)
DA-4382/CGMP16	0017	\$(2,129)		BWC - Location of B8 Sign on Level 1 at Gridline 49 (Signa
DA-4382/CGMP16	0018	\$24,786		Mayor's Dedication Signage - (Signage and Graphics)
DA-4382/CGMP16	0019	\$3,425		BWC - Temporary Evacuation Maps for Core
DA-4382/CGMP17	0003	\$6,459		BWC - IEMS Creative Hardware Mounting Details
DA-4382/CGMP17	0004	\$70,023		BWC - Additional Mock-Up for Fire and Smoke Test
DA-4382/CGMP17	0005	\$19,021		Additional CFD Analysis
DA-4382/CGMP17	0006	\$2,237		BWC - IEMS Spare Additional Controllers for Portals Features
DA-4382/CGMP18	0090	\$3,521		BWC - NFA - Work to Columns at Curbside Canopy



### Bradley West Element

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

DA-4382/CGMP18	0091	\$1,383		BWC - NFA - Saddle Installation on North Side in Area B
DA-4382/CGMP18	0092	\$51,811		BWC - NFA Acid Wash of Planters at Departures
DA-4382/CGMP18	0093	\$2,079		Areas 23 & 24 Reconfiguration for use of Cyber Gate 433B
DA-4382/CGMP18	0094	\$2,430		NFA Pour Elevator Shaft South of Area D
DA-4382/CGMP18	0095	\$8,095		NFA Stainless Steel Beauty Caps
DA-4382/CGMP18	0096	\$6,318		NFA - Relocation of Existing Irrigation Controller
DA-4382/CGMP18	0097	\$3,244		BWC - NFA Painting Skylight Perimeter Steel
DA-4382/CGMP18	0098	\$19,019		BWC - NFA - Plumbing and Fire Protection Work Outside of Base Con
DA-4382/CGMP18	0099	\$1,787		NFA - Area D 6 Inch Storm Drain Lateral to Trench Drain
DA-4382/CGMP18	0100	\$868		BWC - NFA - Area C Storm Drain Additional Work
DA-4382/CGMP18	0101	\$16,289		NFA Departures Level Hose Bibs
DA-4382/CGMP18	0102	\$8,215		BWC - NFA Clean and Seal White Concrete Rings
DA-4382/CGMP18	0103	\$45,416		BWC - NFA - Redesigned Uplight Fix Number-13
DA-4382/CGMP18	0104	\$13,092		NFA Skim Coat White Sidewalk Columns
DA-4382/CGMP18	0105	\$16,517		NFA - Workstations for Airline ID Signage
DA-4382/CGMP18	0106	\$2,495		BWC - NFA - Painting of the Signage Support Posts
DA-4382/CGMP18	0107	\$73,366		NFA Additional Work at Bollards
DA-4382/CGMP18	0108	\$30,592		NFA Stainless Pony Wall End Caps
DA-4382/CGMP18	0109	\$22,385		NFA Departures Level Moving of Sign Box 19-1/2" West of Curb
DA-4382/CGMP18	0110	\$31,514		NFA Re-work Tie Backs on Entry Canopies Skylight
DA-4382/CGMP18	0111	\$58,986		BWC - NFA Steel Rebar to Column Modification (Steel)
DA-4382/CGMP18	0112	\$7,252		BWC - NFA Abandoned Holes at Embed Plates (Concrete)
DA-4382/CGMP18	0113	\$613		BWC - NFA - Trimming and Fertilization of Existing Plants in Planters
DA-4382/CGMP18	0114	\$1,303		BWC - NFA - Fix Existing Backflow and Install Hose Bibs
DA-4382/CGMP18	0115	\$19,099		BWC - NFA - Truss Modifications at Seven (7) Locations
DA-4382/CGMP20	0043	\$1,948		BWC -RENO Phase '0' - DWP/BHS Yard - Chain Link Fence and Gat
DA-4382/CGMP20	0044	\$7,726		BWC - RENO - Sprinkler System in BHS Switchgear Enclosure
DA-4382/CGMP20	0045	\$647		BWC - RENO - Phase 0 hose Valve Cabinet Conflicts with gridline 50
DA-4382/CGMP20	0046	\$21,153		RENO - Phase 0 - DWP/BHS Yard - 34.5 kV Ductbank Drawings - RF
DA-4382/CGMP20	0048	\$4,351		Bollard and Paint Clarifications
DA-4382/CGMP20	0049	\$36,905		BWC - RENO - Phase '0' - CBP North Offices - Additional Cable Tray
DA-4382/CGMP20	0050	\$689		BWC - RENO - Phase 0 - Level 1 Bump Out - Reinforcing of Existing
DA-4382/CGMP20	0051	\$3,641		BWC - ADG RENO Phase "0" - Carpet Procurement and Installation
DA-4382/CGMP20	0052	\$(17,448)		BWC - RENO Phase 0 - Level 3 Bump Out - Investigation and Testing
DA-4382/CGMP20	0053	\$1,270		RENO - Phase '0' CBP North Offices - Back Flow Preventers and Filte

**Bradley West Element**

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

DA-4382/CGMP20	0054	\$3,706		RENO Phase 0 - Levels 2 and 3 Elevator Vestibules - Temporary an
DA-4382/CGMP20	0055	\$1,517		BWC - RENO - Added Photocell at DWP Yard
DA-4382/CGMP20	0057	\$801		BWC - RENO - Phase 0 - Level 1 Bump Out - Reinforcing of Existing
DA-4382/CGMP20	0058	\$3,459		BWC - RENO - Phase '0' - Level 1 Bump Out/Level 3 Penetrations/Le
DA-4382/CGMP20	0059	\$1,222		RENO - Phase '0' - CBP North Offices - Additional Water Hammer Arr
DA-4382/CGMP20	0060	\$1,717		BWC - RENO Code Corrections to Panels EH2D and EL2M (Electric)
DA-4382/CGMP20	0061	\$27,934		BWC - AHU-M1 Correction Notice 13AEK00420 and 13AEK00421
DA-4382/CGMP20	0062	\$1,813		BWC - RENO - Phase 0 - DWP Mat Slab Existing FW Line - 12" Diam
DA-4382/CGMP20	0063		\$226,754	RENO Phase 0 level 1 Elevators 12 and 13 Smoke Guard Clarification
DA-4382/CGMP20	0064	\$82,699		BWC -Renovation - Phase "0" CBP North Offices and Level 3 Bump O
DA-4382/CGMP20	0065	\$83,370		RENO - Phase 0 - CBP North Offices - East Block - Power Pole Clarifi
DA-4382/CGMP20	0066	\$1,430		RENO Expansion Control Joint at Level 3 Bump Out
DA-4382/CGMP20	0067	\$8,600		BWC - RENO Phase '0' - CBP North/East Offices - Extend Noise and

## CHANGE ORDERS - Continued as of 8/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>CUP Replacement Element</b>							
<b>C001A - CENTRAL UTILITY PLANT</b>							
	DA-4554/0000		0157	\$8,431			Replacement of Theme Building 6" Distribution Piping
	DA-4554/0000		0158	\$9,735			Provide Portable AC Units
	DA-4554/0000		0163	\$30,154			Supplemental Replacement CUP Control and Training Room Items
	DA-4554/0000		0164		\$329,150		Transite Pipe Bypass South of Existing CUP
	DA-4554/0000		0165	\$13,714			Additional flow Sensor and Pressure Transmitter
	DA-4554/0000		0167	\$28,424			CUP Electrical Shaft Access Doors
	DA-4554/0000		0168		\$179,325		Coordination and Payment of Gas Company
<b>Landside Element</b>							
<b>Residential/Soundproofing Element</b>							

## CHANGE ORDERS - Continued as of 8/31/2013

Element	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Terminal Element</b>							
<b>T001A - ELEVATORS AND ESCALATORS REPLACEMENT</b>							
		DA-4344	0021				Contract Extended 416 calendar days to closeout documents
		DA-4344	0022	\$10,784			Restore fire detection system at Ele T6-03.
		DA-4344	0023	\$3,997			Modify access frame and covers to eliminate interference between existing building column and escalator upper pit
		DA-4344	0024	\$46,996			Infrastructure to enable ACAMS card reader; Infrastructure work to improve the ACAMS card reader system and increase security levels
		DA-4344	0025	\$94,549			Trouble calls response, perform all repairs, inspections and reports
		DA-4344	0026	\$48,262			Trouble call response, perform all repairs, inspections and reports
		DA-4344	0027	\$94,060			Provide sleep mode sensors, perform State of California acceptance testing and train LAWA Elevator Personnel on operation and maintenance requirements
		DA-4344	0028	\$57,540			Provide sleep mode sensors, perform State of California acceptance testing and train LAWA Elevator Personnel on operation and maintenance requirements
		DA-4344	0029	\$73,519			Provide sleep mode sensors, perform State of California acceptance testing and train LAWA Elevator Personnel on operation and maintenance requirements
		DA-4344	0030	\$98,626			Provide sleep mode sensors, perform State of California acceptance testing and train LAWA Elevator Personnel on operation and maintenance requirements
		DA-4344	0031	\$95,183			Maintain escalator sleep mode system, perform State of California yearly acceptance testing and train LAWA Elevator Personnel on operation and maintenance requirements for the three (3) year contract specified maintenance contract period
		DA-4344	0032	\$5,697			Provide new Type 316 stainless steel skins to cover existing doors and entrance frames at the lobby level of elevator Admin East-01
		DA-4344	0033	\$76,046			Accelerate installation work at elevator Admin East -01 in order to return to service asap
		DA-4344	0034	\$2,675			Reprogram elevator Admin East-01 to recall to Lobby Level and 12th floor level during various peak periods of daily use
		DA-4344	0035	\$11,239			Provide stainless steel cladding to cover various gaps between and around escalators T2-4, 5, and 6

**Terminal Element**

**T001A - ELEVATORS AND ESCALATORS REPLACEMENT**

DA-4344	0036	\$45,238			Provide for escalation in labor costs associated with performing the contract maintenance of 16 Elevators 1 year warranty, Provide for escalation in labor costs associated with performing the contract maintenance of 16 Elevators 3 years warranty, Provide for escalation in labor costs associated with performing the contract maintenance of 29 Escalators 1 year warranty, Provide for escalation in labor costs associated with performing the contract maintenance of 16 Elevators 3 years warranty
DA-4712	0001	\$1,431			Frame, drywall, paint soffit enclosure - non-escalator conduits Esc CE-1,2

### Bradley West- Gates

CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE)	APPROVED CHANGES (CUMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$30,385,326	\$0	\$30,385,326	4.89%
DOCUMENT CORRECTION	\$49,457,692	\$2,561,492	\$52,019,184	8.37%
FIELD CONDITIONS	\$15,813,999	\$897,643	\$16,711,642	2.69%
OWNER BETTERMENT	\$27,443,815	(\$11,093,805)	\$16,350,010	2.63%
CODE REQUIREMENT	\$3,752,856	\$535,849	\$4,288,705	0.69%
<b>TOTAL</b>	<b>\$126,853,688</b>	<b>(\$7,098,821)</b>	<b>\$119,754,867</b>	<b>19.27%</b>

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

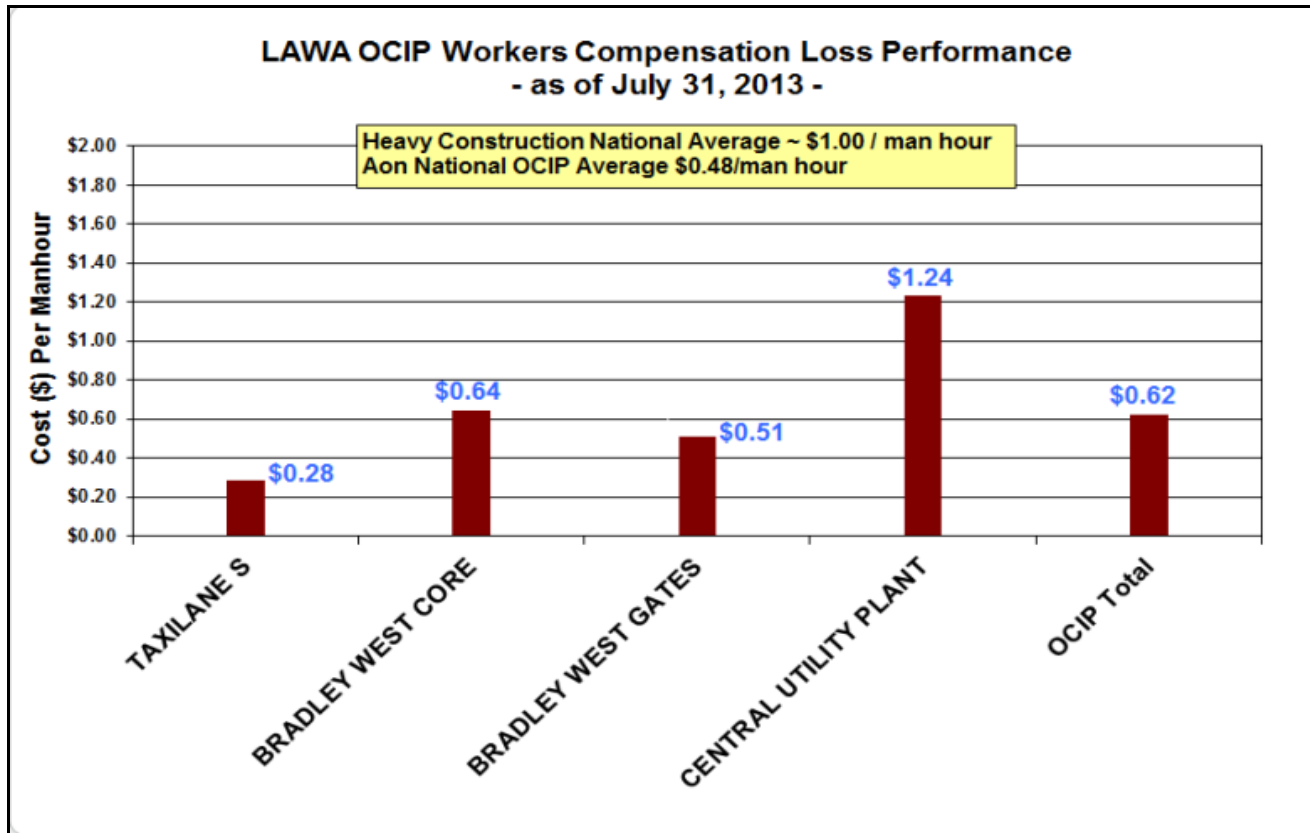
Note:

1) The Walsh/Austin Joint Venture purchased Passenger Boarding Bridges for installation on the east gates of the new Bradley Terminal. Installation of these bridges will now be performed by the contractor selected to perform the Core Renovation Project.

### Bradley West- CORE

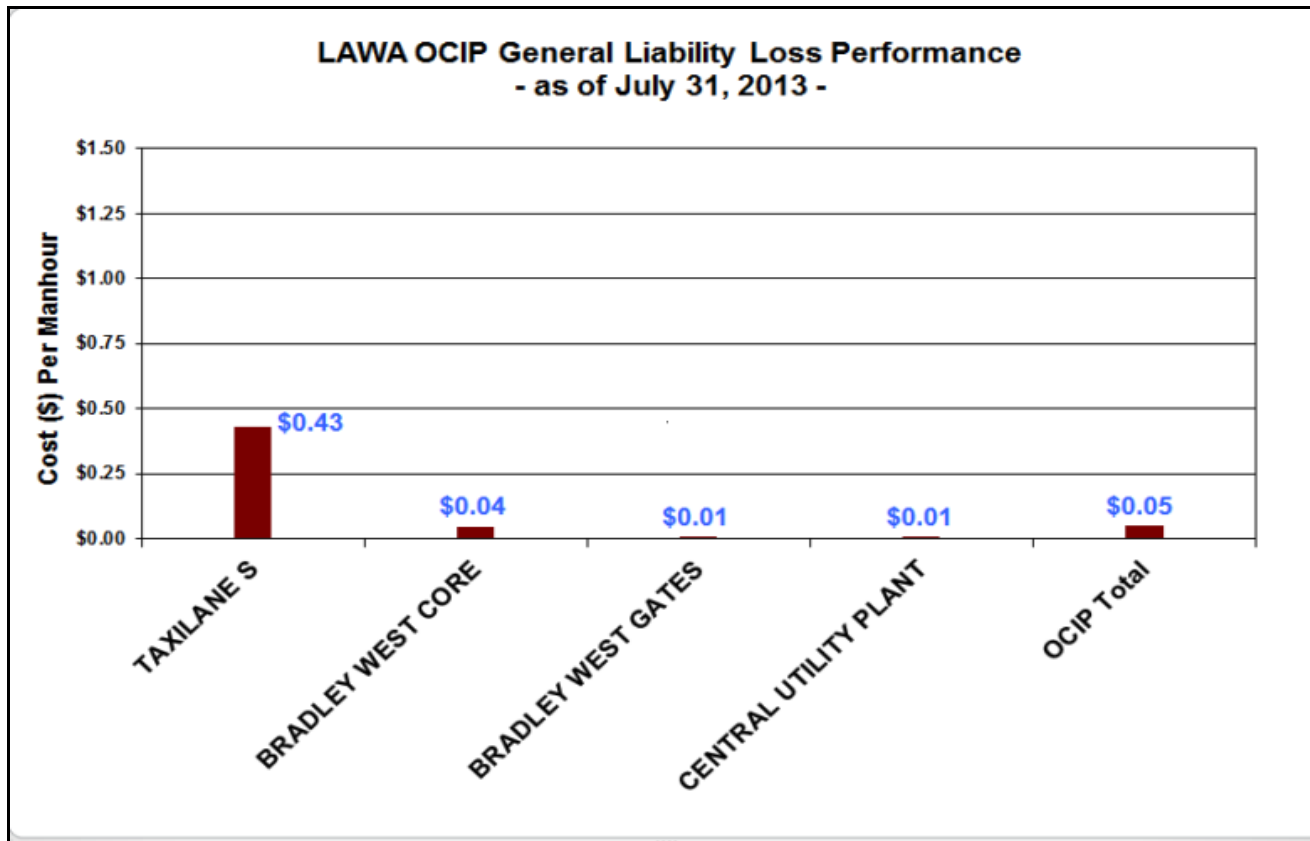
CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE)	APPROVED CHANGES (CUMULATIVE )	SUBTOTAL	% OF CONTRACT VALUE*
DESIGN EVOLUTION	\$30,046,807	\$21,462	\$30,068,269	4.83%
DOCUMENT CORRECTION	\$32,146,453	\$275,797	\$32,422,250	5.21%
FIELD CONDITIONS	\$11,839,909	\$2,403,742	\$14,243,651	2.29%
OWNER BETTERMENT	\$74,335,212	\$1,141,339	\$75,476,551	12.12%
CODE REQUIREMENT	\$6,954,308	\$515,584	\$7,469,892	1.20%
<b>TOTAL</b>	<b>\$155,322,689</b>	<b>\$4,357,924</b>	<b>\$159,680,613</b>	<b>25.65%</b>

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

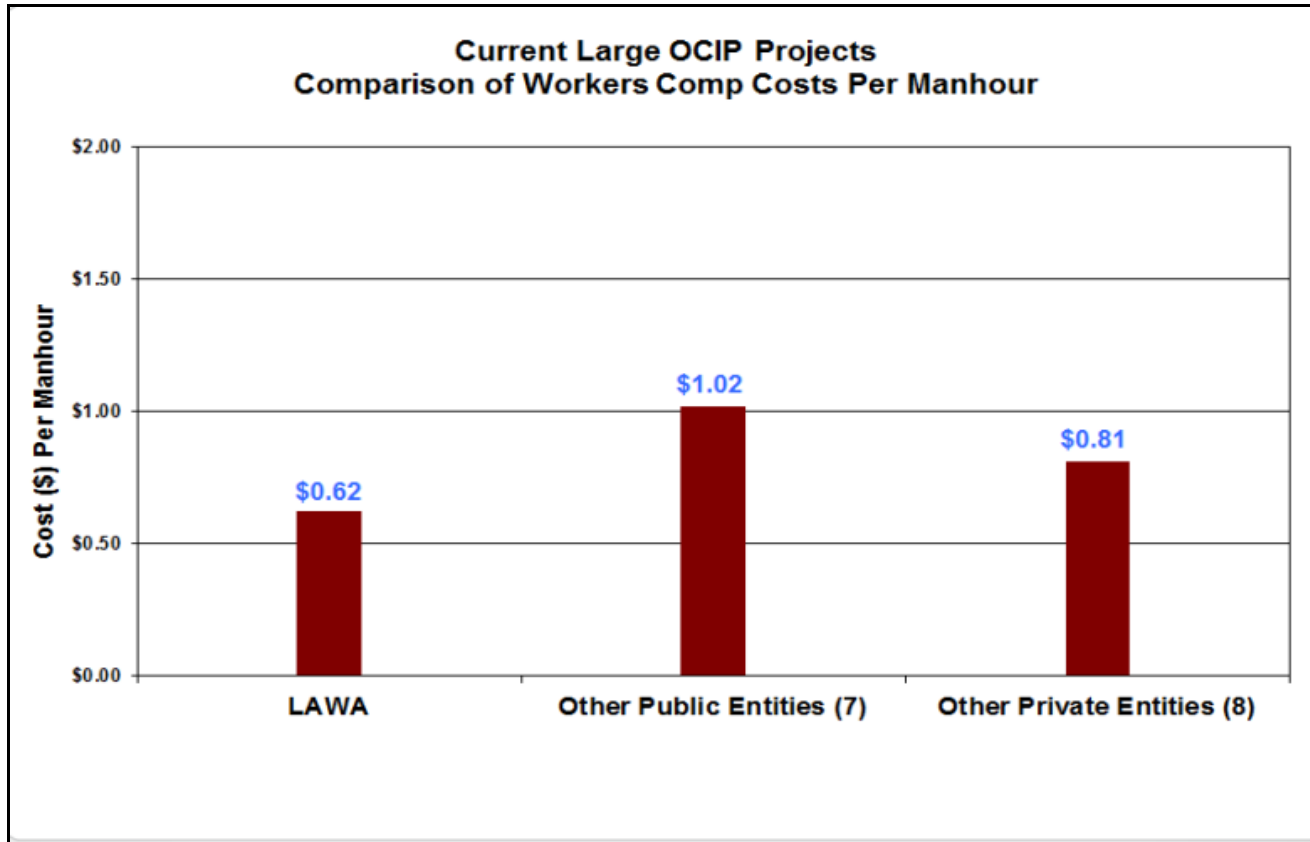




**OCIP - Continued**  
as of 8/31/2013



**OCIP - Continued**  
as of 8/31/2013



# MWBE/DBE

## Subcontractor Utilization Summary Report

as of 8/31/2013

Firm	Contract No.	DBE or M/WBE Contract	Proposed Level of Participation	Achieved Participation to Date*		Remarks
				M/WBE	DBE	
AECOM Technical Services, Inc.	DA-4260	DBE	12.00 %	N/A %	21.23 %	
Arcadis	DA-4413	M/WBE	20.00 %	22.87 %	N/A %	Limited scope of work authorized to date.
Atkins	DA-4515	DBE	24.00 %	N/A %	26.60 %	
Atkins	DA-4679	M/WBE	11.50 %	13.72 %	N/A %	
Base Architecture	DA-4713	M/WBE	20.00 %	30.33 %	N/A %	
Clark/McCarthy Joint Venture - Design	DA-4554	M/WBE	20.10 %	6.86 %	N/A %	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00 %	11.58 %	N/A %	
Fentress Architects	DA-4274	DBE	9.30 %	13.21 %	6.13 %	
Gruen Associates	DA-4781	M/WBE	25.00 %	48.60 %	N/A %	
Hatch Mott MacDonald, LLC	DA-4275	DBE	19.56 %	N/A %	19.55 %	
HNTB Corporation	DA-4709	DBE	10.80 %	N/A %	11.03 %	
HNTB Corporation	DA-4748	M/WBE	20.00 %	13.27 %	N/A %	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00 %	25.63 %	N/A %	
KDG Dev + Construction Consulting	DA-4418	M/WBE	20.00 %	25.20 %	N/A %	
Kimley-Horn and Associates	DA-4555	DBE	20.00 %	N/A %	8.50 %	Limited Scope.
Parsons Transportation Group, Inc.	DA-4415	M/WBE	23.00 %	51.14 %	N/A %	
Paslay Management Group	DA-4324	M/WBE	10.00 %	19.61 %	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 %	21.09 %	N/A %	
W.E. O'Neil Construction Co. of California	DA-4712	M/WBE	9.60 %	1.29 %	N/A %	
Walsh Austin Joint Venture - Pre-Construction (Gates)	DA-4337	M/WBE	20.00 %	29.43 %	N/A %	
Walsh Austin Joint Venture - Construction (Gates)	DA-4337	M/WBE	14.00 %	20.92 %	N/A %	
Walsh Austin Joint Venture - Pre-Construction (Core)	DA-4382	M/WBE	20.00 %	24.02 %	N/A %	
Walsh Austin Joint Venture - Construction (Core)	DA-4382	M/WBE	14.00 %	15.51 %	N/A %	
<b>Total Participation:</b>				<b>17.45%</b>	<b>14.98%</b>	

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