

## **Airports Development**

**Executive Management** 

**Program Status Report** 

September 30, 2013





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### **ELEMENT OVERVIEW**

#### <u>Purpose</u>

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

#### **Airside Element**

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

#### **Bradley West Element**

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

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



### **ELEMENT OVERVIEW - Continued**

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

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

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

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

#### Landside Element

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

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

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



### **ELEMENT OVERVIEW - Continued**

#### Terminals Element

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

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

#### Work in Progress

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



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

### **Project Description**

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

### **Budget Status**

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

### Schedule Status

Substantial completion occurred June 30, 2012.



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

### <u>lssues</u>

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

This project has received a Grant Amendment increasing AIP Grants #62 and #63 by 15% based upon ADG request and submitted change order documentation. This resulted in unanticipated recovery of approximately \$6.05M in federal funding. Final Outlay has been transmitted to FAA for reimbursement and Final drawdown and closeout of these Grants is proceeding.



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

### **Project Description**

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

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is complete.

### **Construction Progress**

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

### Taxiway T – Phase 1 Project:

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



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

### **Budget Status**

The project is tracking on budget.

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

### **Schedule Status**

Project is tracking on schedule.

### <u>Issues</u>

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



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

### **Project Description**

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

#### Planning and Programming Status

The Project Definition phase is complete.

### **Design Progress**

The Design is 100% complete.

### **Construction Progress**

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

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

FAA Reimbursable Agreement for construction services is scheduled to go to the Board for approval in October 2013.

### <u>Issues</u>

None at present.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### Design Progress

The Design is 100% complete.

### **Construction Progress**

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

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

FAA Reimbursable Agreement for construction services is scheduled to go to the Board for approval in October 2013.

This project is tracking on schedule; though the Issue highlighted below may impact the schedule.

#### 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 7L/25R.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

Construction contract is not yet awarded.

### **Budget Status**

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

The project is tracking on budget.

### **Schedule Status**

The Board approved the Authority to Advertise for construction bids in September 2013; and bids are due in October 2013.

### <u>Issues</u>



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### Design Progress

Design is 100% complete.

### **Construction Progress**

The Bradley West Terminal became operational on September 18, 2013. The project team continues to pursue Substantial Completion and Final Acceptance of the project.

### **Budget Status**

With the project now approaching substantial completion a concentrated effort is underway to close out outstanding issues and to negotiate them to bring the final project cost within budget. LAWA has received a significant number of change orders, which are progressing through the merit review and negotiation phases.



### **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: 10/4/13

#### ssues

The Bradley West Terminal became operational on September 18, 2013. However, Substantial Completion and Final Acceptance have not yet been achieved. System deliverables for Final Acceptance remain outstanding and continue to be pursued.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

The Bradley West Terminal became operational on September 18, 2013. The project team continues to pursue Substantial Completion and Final Acceptance of the project.

### **Budget Status**

With the project now approaching substantial completion a concentrated effort is underway to close out outstanding issues and to negotiate them to bring the final project cost within budget. LAWA has received a significant number of change orders, which are progressing through the merit review and negotiation phases.

### Schedule Status

Milestone #3 – New Core Construction Complete Target Date: May-2013 Forecast Date: 10/4/13

### <u>Issues</u>

The Bradley West Terminal became operational on September 18, 2013. However, Substantial Completion and Final Acceptance have not yet been achieved. System deliverables for Final Acceptance remain outstanding and continue to be pursued.



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

### **Project Description**

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

#### Planning and Programming Status

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

This project has been combined with the Second Level Roadway (SLR) and the New Face of the CTA (NFCTA) Phase 2 Construction Management At Risk (CMAR) Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals were received on September 19, 2013 and are currently being evaluated. Interviews are tentatively scheduled for mid-October 2013.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

The project is trending on schedule.

### <u>Issues</u>



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

### **Project Description**

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

#### Planning and Programming Status

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

### **Design Progress**

Ball-Nogues Studio: Lighting related to the artwork is still on hold as the artists' proposed lighting scheme did not meet LAWA's standards and requirements; ADG requested the artists revisit a lighting scheme after the artwork is installed. ADG requested light level readings from Fentress for the existing lighting in the North Light Well. ADG requested the artists hold budget and contingency for a future lighting design, permit, and installation.

Pae White: The artist's team has surveyed all the beams to ensure the brackets fit, with the exception of the beams at the east gates in both the North and South Corridors due to the drywall that is in place until the east gates are operational. ADG inquired with CBP about the possibility of trimming the top portion of the drywall to allow the artist finish surveying the beams.

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 mode and committed to delivering the artwork to LAX on September 30. Bi-weekly studio visits to monitor the fabrication progress were conducted through mid-September. The artists completed fabrication by September 12.

Pae White Studio: Due to flight schedules and a limited installation window, the artist's fabricator, Carlson, will pre-string the majority of the brackets off-site. The fabricator will install 5 days/week and pick up days on the weekend as necessary. The fabricator is finalizing the LADBS permit and engineering calculations. The Art Program will conduct a studio visit to monitor the fabrication process in late fall.

Mark Bradford: The artist is conducting fire tests to obtain a LADBS modification for a Class B material rating. The artist expects to apply for a permit by late September or early October. The artist's fabricator, Lexington, expects to begin shop drawings in November. Artwork fabrication is expected to start in January 2014.

### **Budget Status**

Ball-Nogues has received their fourth milestone for completion of artwork fabrication. Pae White and Mark Bradford have received their third milestone payments. This project is tracking to the budget.

### **Schedule Status**

Ball Nogues: Logistics are in place for artwork installation to start October 1, including the approved permit plans, a barricade around the artwork installation site, an approved ASR, equipment rentals, and badging for the artists and their subcontractors. Installation is expected to take two to four weeks.

Pae White: The team held a coordination meeting in early August to review schedule, site constraints, badging, and insurance. Due to flight schedules and a limited installation window, the artist's fabricator, Carlson, will pre-string the majority of the brackets off-site. The fabricator will install 5 days/week and pick up days on the weekend as necessary. The artist's team is in the process of receiving badges.

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



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

### ssues

Once Ball-Nogues' artwork is installed in the North Light Well and we have 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 nightly installation window available to Carlson; a four-hour minimum per night is required. Since Carlson is on a fixed budget, they will do as much pre-stringing off site. Our team will need to coordinate closely with Operations on the daily flight schedule and with MSD/Facilities Management on the night cleaning crew.



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

### **Project Description**

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

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

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

LAWA issued an administrative NTP to the contractor on September 9, 2013. Construction is anticipated to begin in the fourth quarter of 2013.

### **Budget Status**

On August 20, 2013 the Board approved the initial Preconstruction portion of the Construction Management at Risk (CMAR) contract for \$26,356,880; and hasnow been issued to Clark MaCarthy JV.

The full value of the CMAR contract with associated allowances is currently being evaluated and is anticipated to be presented to the Board in October 2013. The price proposal from the low-bidder exceeds the engineer's estimate for this scope of work; and ADG has reconciled the budget impact primarily resulting from new scope.



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

### **Schedule Status**

The project is tracking on schedule.

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

The full value of the CMAR contract with associated allowances is currently being evaluated and is anticipated to be presented to the Board in October 2013. The price proposal from the low-bidder exceeds the engineer's estimate for this scope of work; and ADG has reconciled the budget impact primarily resulting from new scope.



### 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.

### <u>Issues</u>



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

### **Project Description**

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

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

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

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

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Several training, commissioning and performance monitoring plans are nearing completion; and weekly orientation walks have been conducted throughout August 2013 to familiarize the CUP staff with the new building and its various systems. Some equipment specific training has commenced.

#### **Construction Progress**

Effective Friday, September 20, 2013, the Replacement Central Utility Plant commenced with the delivery of chilled water service to the Tom Bradley International Terminal via the new electrical chillers. Chilled water production by the new chillers was discontinued through the weekend but chillers #3 and #4 were again started on Monday September 23, 2013 to provide continuous, 24-hour a day service throughout the week. As each chiller has a 4,000 ton capacity only a single chiller is required to meet the cooling demands of the Tom Bradley International Terminal. Accordingly, the construction and start-up teams were also able to effectively transfer service between the two chillers without an interruption of service to meet the TBIT cooling demands.



### 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.

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

See Schedule Status above.



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

### **Project Description**

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

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

The Project Definition phase is complete.

### **Design Progress**

The Board approved funding for design in April 2013. 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. This additional scope is scheduled to be ready by the end of October 2013.

#### **Construction Progress**

No construction contract awarded.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

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

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



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is complete. RTI permit is pending final approval from Los Angeles Department of Building and Safety.

### **Construction Progress**

This project has been combined with the Second Level Roadway (SLR) and the New Face of the CTA (NFCTA) Phase 2 Construction Management At Risk (CMAR) Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals were received on September 19, 2013 and are currently being evaluated. Interviews are tentatively scheduled for mid-October 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is tracking on schedule.

### <u>Issues</u>



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

### **Project Description**

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

1) Remove as much existing pavement as possible from abandoned streets and sidewalks, and;

2) Plant appropriate native vegetation in that area.

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

### **Budget Status**

This project is tracking on budget.

### **Schedule Status**

The project is tracking on schedule.

### <u>Issues</u>



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Design is 100% complete.

### **Construction Progress**

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

Hazardous materials abatement and demolition work is complete for the initial 17 properties; and irrigation and hydro-seeding work is in progress for 2 of those initial 17 properties.

Construction of the original 17 properties is approximately 90% complete. The overall construction, including the additional 4 properties, is approximately 83% complete.

### **Budget Status**

The project is trending on budget.

### **Schedule Status**

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

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

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



### 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 Second Level Roadway (SLR) and the New Face of the CTA (NFCTA) Phase 2 Construction Management At Risk (CMAR) Procurement. The CMAR RFP was released on July 24, 2013. The pre-proposal meeting was held on August 9, 2013; and the proposals were received on September 19, 2013 and are currently being evaluated. Interviews are tentatively scheduled for mid-October 2013.

### **Budget Status**

The project is tracking on budget.

### **Schedule Status**

The project is trending on schedule.

### <u>Issues</u>



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

No additional design is ongoing.

### **Construction Progress**

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

This component of the Noise Mitigation / Soundproofing Program is 96% complete.

### **Budget Status**

This project is trending to complete on budget.

### **Schedule Status**

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

### <u>Issues</u>



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

### **Project Description**

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

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

The Project Definition phase is complete.

### **Design Progress**

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

### **Construction Progress**

Priority I Site Mods - The contract has been closed out.
Priority II - Procurement - Fabrication is at 76%. Twenty-five 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 25 units have been returned to service and 14 units are currently under construction.

### <u>Issues</u>

The time extension change order for Schindler to complete their contract work is being finalized.



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

### **Project Description**

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

### **Planning and Programming Status**

The Project Definition phase is complete.

### **Design Progress**

Terminal 2:

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

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

The on-call Architectural/Engineering is conducting ongoing field surveys and the beginning of the design for Terminals 1, 3, 4, 5, 6, 7 and Terminal 8 has begun. The full design Task Order was issued in September 27, 2013 to complete design services of Terminals 1, 3, 4, 5, 6, 7 and 8; and the 60% Design Development is underway.

### **Construction Progress**

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

Terminal 2: The Terminal 2 Team has developed a detailed schedule and phasing for the Terminal 2 IT/MPOE room during renovation.

Terminals 1, 3, 4, 5, 6, 7, 8 The construction packages are in discussion for the best delivery of these IT rooms.



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

### **Budget Status**

Terminal 2:

As the design has progressed to 90% from a program estimate at 30%, the Terminal 2 IT rooms are resulting in an overrun to the budget.

Terminal 1, 3, 4, 5, 6, 7 & 8: Project trending on budget.

### **Schedule Status**

The project is trending on schedule.

### <u>Issues</u>



### **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 provided estimates for Terminals/Parking Structures 1, 3, 4, and 5 on August 7, 2013. ADG will issue the Notice to Proceed for the next terminal/parking structure package after satisfactory progress is made on Terminal 2/Parking Structure2A/B or Terminal 6/Parking Structure 6.

The design for Terminal 7/Parking Structure 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 October 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 29% complete. Construction at Terminal 6 began on September 19, 2013 and is 7% complete.

ADG will issue the Notice to Proceed for the next terminal/parking structure package after satisfactory progress is made on Terminal 2/Parking Structure2A/B or Terminal 6/Parking Structure 6.

### **Budget Status**

See Issues Below.

### **Schedule Status**

The project is tracking on schedule.



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

#### lssues

Maintaining ramp access during construction increased the construction cost and caused a negative \$2.5M budget variance. Finance determined the variance would be funded as an addition to the original scope; and the budget transaction was approved September 2013.



### **TERMINAL ELEMENT - Concessions Enabling Project (T017A)**

### **Project Description**

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

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

The Project Definition phase is complete.

### **Design Progress**

Design is 100% completed.

#### **Construction Progress**

The design revision to stair 70 at Terminal 7 is completed. 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 Concessions Group is considering additional scope for Terminal 5; and Delta Airlines has concuerred to include them as part of their renovation scope.

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

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

See Schedule Status above.


**Project Description** 

## TERMINAL ELEMENT – Terminal 2 Improvements

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

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

The Project Definition phase is complete.

#### **Design Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

The Notice to Proceed (NTP) for design services was issued on March 19, 2013. The Aesthetic Review Committee (ARC) has selected an option, along with several alternates, for pricing. A design finishes workshop was conducted in September 2013 and design direction was issued. The design team will focus on updating the 60% design to the approved finishes level.

Systems Upgrades:

The Notice to Proceed (NTP) for design services was issued on March 19, 2013. The 60% design submittal was completed in August 2013; and comments have been incorporated and the design team is progressing towards the 90% submittal.

#### **Construction Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

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

Systems Upgrades:

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



# TERMINAL ELEMENT – Terminal 2 Improvements - Continued

## Budget Status

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

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

#### Systems Upgrades:

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

#### **Schedule Status**

Project is tracking on schedule.

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

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



**Project Description** 

## **TERMINAL ELEMENT – Terminal 3 Improvements**

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

#### Planning and Programming Status

The Project Definition phase is complete.

#### **Design Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

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

#### **Construction Progress**

Ticketing Area / Bag Claim / Restroom Renovation:

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



**Budget Status** 

## TERMINAL ELEMENT – Terminal 3 Improvements - Continued

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

#### **Schedule Status**

Project is tracking on schedule.

#### ssues

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



## **TERMINAL ELEMENT - Terminal 4 Connector (T011A)**

## **Project Description**

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

## **Planning and Programming Status**

The Project Definition phase is complete.

## **Design Progress**

The Contractor is advancing the design document development; and anticipates completing the 90% Construction Document by October 2013. Overall design is 40% complete.

Design Package Status:

- 1. Temporary Interline 100% complete.
- 2. Gate 41 Improvements 90% complete. Review began on September 23, 2013.
- 3. Building Foundations 60% complete. 90% planned for October 2013.
- 4. Structural Steel 60% complete. 90% planned for November 2013.
- 5. Site Utilities 60% complete. 90% planned for October 2013.
- 6. Primary Building 20% complete. On-going design review.

## **Construction Progress**

The Contractor completed survey and potholing for design; and construction of the trailer and laydown yard was completed. Temporary Interline construction began on September 18, 2013.

## **Budget Status**

The project is tracking on budget.

## **Schedule Status**

The Contractor resubmitted a revised baseline schedule which reflects changes to contract milestone dates. Milestone changes are currently under review by ADG and Stakeholders

## <u>Issues</u>

None at this time.



**Project Description** 

## **TERMINAL ELEMENT – Terminal 6 Improvements**

# 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.

The Systems Upgrade consists of rebuilding or replacing approximately 204-panels and 22 Electrical Rooms and 43 other terminal locations. The project also involves the addition of panels to provide power to future electrified ground service equipment, but not any of the GSE specific equipment. The existing feeder conductors are expected to remain, however that assumption will be verified through a field investigation and survey.

### **Planning and Programming Status**

The Project Definition phase is complete.

## **Design Progress**

Tenant Improvement Program: Design is 100% complete.

Systems Upgrades:

The designer submitted their revised cost proposal for Design Services and it is being reviewed by LAWA. The task order for full design services is anticipated to be issued in October 2013.

## **Construction Progress**

Tenant Improvement Program: Construction is complete.

Systems Upgrades:

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** 

## TERMINAL ELEMENT – Terminal 6 Improvements - Continued

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

#### **Schedule Status**

Project is tracking on schedule.

#### ssues

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



## TERMINAL ELEMENT – Terminal 7/8 Improvements

#### **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.

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

The Project Definition phase is complete.

### **Design Progress**

The majority of this program will be designed by the Tenant. LAWA is managing the restroom renovation design; and the 60% submittal was received and is being reviewed.

#### **Construction Progress**

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

## **Budget Status**

The restroom renovation design is proceeding within budget.

## **Schedule Status**

The restroom renovation design is proceeding within schedue.

#### lssues

None at this time.



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

### **Project Description**

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



## **TENANT IMPROVEMENTS ELEMENT - Terminal 1 (TI01)**

## **Project Description**

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



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

## **Project Description**

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

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



## WORK IN PROGRESS OVERVIEW

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

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



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

## **Project Description**

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

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

The Project Definition phase is nearing completion.



## WORK IN PROGRESS – Orange Line FlyAway Bus Lane

## **Project Description**

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

### Issues / Status

The Project Definition phase is complete.



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

#### **Project Description**

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

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

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

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



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

## **Project Description**

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

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

The project definition phase is complete; and pre-design activities are underway.



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

#### **Project Description**

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

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

The Project Definition phase is underway.



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

## **Project Description**

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

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

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.

Turner CMAR is submitting the subcontactor's C-Letters for Phase 1 for approval and mobilization is anticipated to complete in November 2013.

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



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

## **Project Description**

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

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

The project definition phase is complete; and pre-design activities are underway.



## WORK IN PROGRESS – TERMINAL 2 STANDBY POWER PROJECT

## Project Description

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

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

The Project Definition phase is nearing completion.



## **PROGRAM MASTER SCHEDULE OVERVIEW**

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

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

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

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

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























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## **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. This information is based upon data derived from ADG's Project Management System which may vary from LAWA's accounting system primarily due to the timing of the information.

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 9/30/2013

			(dollars in thousa	ands)				
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
Capital Budget 1								
Airside Element	506,810	493,110	413,610	366,130	476,077	17,033	77%	70%
Bradley West Element	2,040,915	2,075,776	1,650,091	1,516,648	2,012,759	63,017	75%	50%
CUP Replacement Element	423,835	416,406	373,767	303,974	407,853	8,553	75%	41%
Utilities & Infrastructure Element	8,175	13,994	13,723	13,723	13,723	271	100%	100%
Residential/Soundproofing Element	180,000	160,000	155,129	151,853	158,000	2,000	96%	0%
Terminal Element	270,000	240,035	194,549	103,075	231,235	8,800	45%	15%
CB1-Unallocated Contingency	N/A	32,543	N/A	N/A	N/A	N/A	N/A	N/A
		3,431,864	2,800,869	2,455,403	3,299,647		N/A	N/A
Capital Budget 2								
Airside Element	167,864	164,959	48,238	42,823	149,929	15,031	29%	5%
Utilities & Infrastructure Element	12,544	12,544	553	91	11,314	1,230	1%	0%
Landside Element	101,642	116,878	13,858	10,317	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	244,628	104,437	16,334	251,645	(7,018)	6%	5%
CB2-Unallocated Contingency	N/A	10,583	N/A	N/A	N/A	N/A	N/A	N/A
		550,740	168,210	70,689	516,386		N/A	N/A
Subtotal		3,982,602	2,969,079	2,526,092	3,818,033		N/A	N/A
Work in Progress	N/A	0	29,111	18,781	N/A	N/A	N/A	N/A
	N/A	0	29,111	18,781	N/A	N/A	N/A	N/A
Program Total	N/A	3,982,602	2,998,190	2,544,873	N/A	N/A	N/A	N/A



## AIRSIDE ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	AIRSIDE			-					
	Capital Budget 1								
M204A	Taxilane 'S'	174,980	162,041	158,281	151,435	161,959	83	94%	49%
M306A	Taxilane 'T'	96,500	146,284	73,777	33,883	132,565	13,720	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	M309A-American Airlines Settlement	27,250	22,241	21,428	21,428	21,428	813	100%	100%
Close-out	M209A-Construction Support Facilities	14,790	9,475	8,096	7,484	8,096	1,379	92%	57%
	Capital Budget 1 Total	506,810	493,110	413,610	366,130	476,077	17,033	77%	70%
	Capital Budget 2								
A012A	Runway 25R & Taxiway B East End Rehabilitation & Taxiway C Extension	73,206	73,206	177	177	67,802	5,404	0%	0%
A014A	Runway Safety Area Improvements Project - South Side	43,237	43,237	8,202	7,677	40,148	3,089	19%	0%
A019A	ONT Runway 8L RSA Improvement	4,467	4,467	571	302	4,170	297	7%	0%
Close-out	L014A-AOA Perimeter Fence - Phase 4	6,506	6,506	5,906	4,334	4,806	1,700	90%	3%
Close-out	A010A-Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	5,065	5,065	5,065	5,065	0	100%	100%
Close-out	A010B-Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,933	2,598	2,521	2,521	413	100%	18%
Close-out	A016A-VNY Runway 16R Rehabilitation	20,483	20,483	18,013	15,305	17,966	2,517	85%	0%
Close-out	A018A-Taxilane D-10 Reconstruction	9,062	9,062	7,706	7,443	7,450	1,612	100%	0%



	Capital Budget 2 Total	167,864	164,959	48,238	42,823	149,929	15,031	29%	5%
	Airside Total	674,674	658,070	461,848	408,953	626,006	32,064		



## BRADLEY WEST ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	sands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	BRADLEY WEST	-							
	Capital Budget 1								
M201A	Bradley West Gates	906,474	872,931	818,222	771,145	851,958	20,973	91%	65%
M203A	Bradley West Core Improvements	808,364	782,389	726,260	680,474	780,032	2,357	87%	54%
M203C	Bradley West Traffic Mitigations -World Way South/Center Way	735	1,186	277	212	1,055	132	20%	0%
M308A	Art In Public Places	5,360	5,360	5,360	3,111	5,360	0	58%	0%
M402A	Bradley West Core Renovation/East Ramp and Concourse Demo Project	273,170	355,498	51,130	22,949	321,564	33,934	7%	0%
M403A	New Face of CTA - Phase 1	43,270	56,261	46,737	36,651	50,684	5,577	72%	0%
Close-out	M203B-Construction Traffic Mitigations	3,542	2,151	2,106	2,106	2,106	45	100%	100%
	Capital Budget 1 Total	2,040,915	2,075,776	1,650,091	1,516,648	2,012,759	63,017	75%	50%
	Bradley West Total	2,040,915	2,075,776	1,650,091	1,516,648	2,012,759	63,017		



## CUP REPLACEMENT ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	CUP REPLACEMENT						· · · · · · ·		
	Capital Budget 1								
C001A	Central Utility Plant	423,835	416,406	373,767	303,974	407,853	8,553	75%	41%
	Capital Budget 1 Total	423,835	416,406	373,767	303,974	407,853	8,553	75%	41%
	CUP Replacement Total	423,835	416,406	373,767	303,974	407,853	8,553		



## UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	UTILITIES & INFRASTRUCTURE	-		•		•	-		
	Capital Budget 1								
Close-out	U009A-Airport Response Coordination Center (ARCC)	8,175	13,994	13,723	13,723	13,723	271	100%	100%
	Capital Budget 1 Total	8,175	13,994	13,723	13,723	13,723	271	100%	100%
	Capital Budget 2								
U020A	Electrical, Communications and Water Utility Ext 5th Feeder Project	12,544	12,544	553	91	11,314	1,230	1%	0%
	Capital Budget 2 Total	12,544	12,544	553	91	11,314	1,230	1%	0%
	Utilities & Infrastructure Total	20,719	26,538	14,276	13,814	25,036	1,501		



## LANDSIDE ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	LANDSIDE	•				•			
	Capital Budget 2								
L008A	Second Level Roadway Expansion Joint and Deck Repairs	18,900	34,811	2,469	2,365	32,533	2,278	7%	0%
L012A	Coastal Dunes Improvement Project	3,000	3,000	2,353	433	2,818	182	15%	0%
L015A	Manchester Square / Belford Demolition Program	1,981	1,305	1,151	784	1,267	38	62%	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	6,731	6,295	6,813	420	92%	100%
	Capital Budget 2 Total	101,642	116,878	13,858	10,317	102,360	14,518	10%	5%
	Landside Total	101,642	116,878	13,858	10,317	102,360	14,518		


## RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	RESIDENTIAL/SOUNDPROOFIN						-		
	Capital Budget 1								
S002A	Noise Mitigation/Soundproofing (City of LA)	180,000	160,000	155,129	151,853	158,000	2,000	96%	0%
	Capital Budget 1 Total	180,000	160,000	155,129	151,853	158,000	2,000	96%	0%
	Capital Budget 2								
Close-out	S008A-VNY Soundproofing	1,317	1,148	1,124	1,124	1,139	9	99%	91%
	Capital Budget 2 Total	1,317	1,148	1,124	1,124	1,139	9	99%	91%
	Residential/Soundproofing Total	181,317	161,148	156,253	152,977	159,139	2,009		

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



## TERMINAL ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	TERMINAL					•			
	Capital Budget 1								
T001A	Elevators and Escalators Replacement	270,000	240,035	194,549	103,075	231,235	8,800	45%	15%
	Capital Budget 1 Total	270,000	240,035	194,549	103,075	231,235	8,800	45%	15%
	Capital Budget 2								
	Terminal-wide Improvements								
T014A	Terminal MPOE and IT Room Expansion	19,653	19,653	488	392	18,786	867	2%	0%
T016A	ADA Accessibility Improvements	2,000	4,540	1,443	503	4,179	361	12%	0%
T017A	Concessions Enabling Project	3,445	3,445	1,395	1,390	2,441	1,004	57%	0%
Close-out	T006A-Fire Life Safety System Upgrades T1 & T2	5,300	3,912	3,300	2,971	3,334	578	89%	15%
	Terminal-wide: Subtotal	30,398	31,550	6,626	5,256	28,740	2,810		
	Terminal 2 Improvements								
T018A	Terminal 2 400-Hz Power System Upgrade	1,676	1,676	437	348	3,843	(2,167)	9%	0%
T019A	Terminal 2 EDS Behind the Wall Project	14,246	14,246	929	732	20,942	(6,696)	3%	0%
T020A	Terminal 2 Restroom Enhancements	3,112	3,112	568	357	2,503	609	14%	0%
T021A	Terminal 2 Domestic Bag Claim and Ticketing Area Refresh	13,386	13,386	619	222	11,345	2,041	2%	0%
T023A	Terminal 2 Electrical Upgrade	39,009	39,009	2,219	875	56,431	(17,423)	2%	0%
	Terminal 2: Subtotal	71,429	71,429	4,772	2,534	95,064	(24,086)		
	Terminal 3 Improvements								
Close-out	T015A-Terminal 3 Backfill Project	5,846	6,865	6,509	6,495	6,576	290	99%	98%
	Terminal 3: Subtotal	5,846	6,865	6,509	6,495	6,576	290		
								_	



## TERMINAL ELEMENT BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	Terminal 4 Improvements								
T011A	Terminal 4 Connector	114,318	114,496	85,556	1,393	103,810	10,686	1%	0%
	Terminal 4: Subtotal	114,318	114,496	85,556	1,393	103,810	10,686		
	Terminal 6 Improvements								
T025A	Terminal 6 Electrical Upgrades Project	19,574	19,574	371	324	16,741	2,833	2%	0%
	Terminal 6: Subtotal	19,574	19,574	371	324	16,741	2,833		
	Terminal 7 Improvements								
T022A	Terminal 7 Restroom Enhancements	6,159	714	603	332	714	0	47%	0%
	Terminal 7: Subtotal	6,159	714	603	332	714	0		
	Capital Budget 2 Total	247,723	244,628	104,437	16,334	251,645	(7,018)	6%	5%
	Terminal Total	517,723	484,662	298,987	119,410	482,880	1,782		

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



## WORK IN PROGRESS BUDGET REPORT as of 9/30/2013

				(dollars in thous	ands)				
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
	WORK IN PROGRESS	•							
	Capital Budget 2								
A017A	West Maintenance Area	N/A	0	10,204	9,610	N/A	N/A	N/A	N/A
M404A	Bradley West Outbound Baggage Handling System	N/A	0	5,777	3,615	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	5,514	5,514	N/A	N/A	N/A	N/A
T028A	Passenger Boarding Bridge Relocation	N/A	0	7,616	42	N/A	N/A	N/A	N/A
T029A	Terminal 3 Restroom Enhancements	N/A	0	0	0	N/A	N/A	N/A	N/A
	Capital Budget 2 Total	0	0	29,111	18,781	N/A	N/A	N/A	N/A
	Work in Progress Total	N/A	0	29,111	18,781	N/A	N/A		

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



## **PROGRAM CASH FLOW OVERVIEW**

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

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

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

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

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

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



## **PROGRAM CASH FLOW**

### as of 9/30/2013





# AIRSIDE ELEMENT CASH FLOW

### as of 9/30/2013





# **BRADLEY WEST ELEMENT CASH FLOW**

### as of 9/30/2013





# CUP REPLACEMENT CASH FLOW

### as of 9/30/2013





# LANDSIDE ELEMENT CASH FLOW

### as of 9/30/2013





# **RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW**

as of 9/30/2013





## **TERMINALS ELEMENT CASH FLOW**

### as of 9/30/2013





## **CHANGE ORDER OVERVIEW**

### User's Guide - Change Order

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

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

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



E	lement							CHANGE ORDERS as of 9/30/2013
	Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes	
	Airside Ele	ement						



### CHANGE ORDERS - Continued as of 9/30/2013

ement Project	Ohan				as of 9/3
Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
adley West Element					
DA-4337 - BRADLEY WE	ST GATES (DA-4	337)			
DA-4337/CGMP01	0097	\$(4,344)			BWG - Credit for Non-Use of Prime Painted Embeds at Piers
DA-4337/CGMP01	0098	\$653			BWG - Gate 133 Cleanup Dust from Retail Space Construction
DA-4337/CGMP01	0099	\$4,081			BWG - Gates Overhead Electrified Hold Open Door Architectural Modifi
DA-4337/CGMP02	0384	\$27,662			BWG - Gate 132 Levels 4, 5 Roof Embed Types A70, A58, and G11
DA-4337/CGMP03	0155	\$28,295			BWG - CCP - As-Builts of North Main Valve Vault and Proposed Powe
DA-4337/CGMP03	0156	\$19,612			BWG - CCP - Subgrade Adjustments at Gate 133 Apron
DA-4337/CGMP03	0157	\$3,976			BWG - CCP2 - Adjustments to Storm Drain Manhole 26-2
DA-4337/CGMP03	0158	\$(14,282)			Credit for Deletion of Catch Basin 30T-6, Modifications to Catch Basin
DA-4337/CGMP05	0181	\$(92,354)			BWG - Credit of Wire-Mesh Partitions
DA-4337/CGMP05	0182	\$(13,251)			BWG - Credit for Elimination of Fall Protection Posts at Gate 159 Roof
DA-4337/CGMP05	0183	\$130,292			BWG - Additional Reinforcing for MEP Penetrations in Pier Mechanica
DA-4337/CGMP07	0206	\$14,949			BWG - Appreciation Day and Public Event Logistics Support (HVAC)
DA-4337/CGMP07	0207	\$18,793			BWG - Descoping of Temporary Chilled Water Plant - Che
DA-4337/CGMP08	0411	\$1,594			BWG - Gate 123 Cutover - LADBS Correction Notice for Adjustment F
DA-4337/CGMP08	0412	\$13,209			BWG - Appreciation Day and Public Event Logistics Support (Electrica
DA-4337/CGMP08	0413	\$14,232			BWG - Electrical - Amp Loadings for 3SMMS2
DA-4337/CGMP08	0414	\$1,578			BWG - South Gates Mecho Shades Power and Data
DA-4337/CGMP08	0415	\$47,339			BWG - PMCS Monitoring Points Available to BAS
DA-4337/CGMP08	0416	\$(1,215)			BWG - Voice Gateways
DA-4337/CGMP08	0417	\$1,550			BWG - Auto Dialer and Audio Alarm Function at AED Cabinets (Electr
DA-4337/CGMP08	0418	\$33,360			BWG - Bus Connector Permanent Exit Signs (Electrica
DA-4337/CGMP08	0419	\$3,161			BWG - Temporary Egress Changes (Electrical)
DA-4337/CGMP08	0420	\$(1,721)			BWG - F34 Light Fixture at Gate 159 (Electrical)
DA-4337/CGMP08	0421	\$7,540			BWG - Gates Overhead Electrified Hold Open Door Architectural Mod
DA-4337/CGMP09	0126	\$1,476			BWG - Added Framing and Gypsum Board for Interior Seismic Joint a
DA-4337/CGMP10	0265	\$24,912			BWG - Added Framing and Gypsum Board for Interior Seismic Joint
DA-4337/CGMP10	0266	\$8,033			BWG - Bus Connector Permanent Exit Signs (Interior
DA-4337/CGMP10	0267	\$1,068			BWG - Temporary Egress Changes (Interior Framing
DA-4337/CGMP10	0268	\$1,058			BWG - F34 Light Fixture at Gate 159 (Interior Framin
DA-4337/CGMP10	0269	\$61,060			BWG - Confirmation - Framing Job Walk Questions 03/26/
DA-4337/CGMP10	0270	\$6,755			BWG - Gates Overhead Electrified Hold Open Door Architectural M



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

•			
0039	\$650		
0040	\$10,706		
0139	\$4,067		
0140	\$7,368		
0141	\$9,603		
0142	\$26,362		
0128	\$12,935		
0129	\$2,332		
0130	\$528		
0057	\$(52,591)		
0058	\$30,334		
0059	\$16,489		
0024	\$321		
0025	\$1,479		
	0040 0139 0140 0141 0142 0128 0129 0130 0057 0058 0059 0024	0040 \$10,706   0139 \$4,067   0140 \$7,368   0141 \$9,603   0142 \$26,362   0128 \$12,935   0129 \$2,332   0130 \$528   0057 \$(52,591)   0058 \$30,334   0059 \$16,489   0024 \$321	0040 \$10,706   0139 \$4,067   0140 \$7,368   0141 \$9,603   0142 \$26,362   0128 \$12,935   0129 \$2,332   0130 \$528   0057 \$(52,591)   0058 \$30,334   0059 \$16,489   0024 \$321

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

DA-4382/CGMP01	0114	\$1,329	BWC - NFA - Stainless Steel Work at North and South Escalators
DA-4382/CGMP01	0115	\$70,895	BWC - RENO - EDN 27 - Unforeseen Conditions - Door Framing
DA-4382/CGMP01	0116	\$6,475	BWC - Add Smoke Detection in Elevator Shafts (Field Serv
DA-4382/CGMP01	0117	\$2,081	BWC - Gate 148 Elevator Smoke Detector Access Hatch Revisions -
DA-4382/CGMP01	0118	\$433	BWC - Provide Drywall at C4EL02-04 Entrances Level 4 - 6 in lieu of
DA-4382/CGMP01	0119	\$8,272	NFA - Column Cover for Exposed Conduit on P3 Column (Field Servic
DA-4382/CGMP01	0120	\$19,886	BWC - RENO - Phase '0' - EDN 027 - Steel Beam and Bracing Enclos
DA-4382/CGMP01	0121	\$9,699	BWC - Temporary Loading Dock at the West Apron Between X-1/C4 a
DA-4382/CGMP01	0122	\$26,997	BWC - Customs Border Patrol (CBP) Queuing Stanchions
DA-4382/CGMP04	0165	\$948	BWC - Add Smoke Detection in Elevator Shafts (Electrical)
DA-4382/CGMP04	0166	\$86,795	BWC - Appreciation Day and Public Event Logistics Support (Conveya
DA-4382/CGMP04	0167	\$16,770	CON - Escalator Upper Support Welding Area CJP Grind V2 (Convey
DA-4382/CGMP04	0168	\$13,467	RENO - Phase '0' - Added Stair 9 Level 6 Exit Sign and R
DA-4382/CGMP05	0102	\$9,081	BWC - Door and Window Flashing in Composite Pan
DA-4382/CGMP05	0103	\$1,452	BWC - RENO - Unforeseen Conditions - Door Framing (She
DA-4382/CGMP05	0104	\$21,577	BWC - Add Smoke Detection in Elevator Shafts
DA-4382/CGMP05	0105	\$3,393	BWC - CMU Column Wrap Conflict at Level 3 Circulation Room 3C8-4
DA-4382/CGMP05	0106	\$3,669	BWC - E1CL4 CMP Panels and Storefront
DA-4382/CGMP05	0107	\$4,030	BWC - Gate 148 Elevator Smoke Detector Access Hatch Revisions (
DA-4382/CGMP05	0108	\$(48,759)	BWC - TENT - Turnover of Materials to Hensel Phelps for Star Allianc
DA-4382/CGMP05	0109	\$581	BWC - Change Mounting of CCTV Camera at Gate 148 Roof (P

BWG - Temporary Egress Changes (Doors, Frames, an BWG - Plumbing Chase Door Finish Revision (Doors, Fra

BWG - F34 Light Fixture at Gate 159 (Decorative Me BWG - Plumbing Chase Door Finish Revision (Decorativ

BWG - Gates Overhead Electrified Hold Open Door Architectural Mo BWG - Added Framing and Gypsum Board for Interior Seismic Joint BWG - Auto Dialer and Audio Alarm Function at AED Cabinets (Spec

BWG - Signage Material from Dimensional Opaque Lettering to Vinyl

BWG - Level 4 Sterile Corridor Bridge Grille

BWG - Temporary Egress Changes (Painting) BWG - Slab on Grade Traffic Coating Credit

BWG - Plumbing Chase Door Finish Revision (Tiling) BWG - Wall Mount Retractable Belts at Pier Entry BWG - Temporary Egress Changes (Signage and Grap



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A-4382 - BRADLEY WEST	T CORE (DA-4382)			
DA-4382/CGMP05	0110	\$17,169		BWC - Door Ledge at Level 6 Roof (Framing)
DA-4382/CGMP06	0385	\$3,021		BWC - Hallway 1C7-50 Ramp Up to Meet Existing TBIT SOG Elevatio
DA-4382/CGMP06	0386	\$11,102		BWC - Add Smoke Detection in Elevator Shafts (Demo)
DA-4382/CGMP06	0387	\$1,978		BWC - Added Level 6 Beam and D-1 Deck at Gridline 51.1 Roof
DA-4382/CGMP06	0388	\$931		BWC - FA Smoke Detector in Mechanical Shaft Above 1C1-05
DA-4382/CGMP06	0389	\$2,833		BWC - C3ST01 Lower Landing Ramp (Concrete)
DA-4382/CGMP06	0390	\$(10,126)		BWC - North Level 07 Egress Stair
DA-4382/CGMP06	0391	\$4,209		BWC - Revisions to Clearance Bars Sign (D9 and D11)
DA-4382/CGMP06	0392	\$21,071		CON - Escalator Upper Support Welding Area CJP Grind V2 (Demoliti
DA-4382/CGMP06	0393	\$963		BWC - Remedial Work Due to Shafts
DA-4382/CGMP06	0394	\$4,974		BWC-IEMS MER and Control Room HVAC
DA-4382/CGMP06	0395	\$5,839		BWC - Addition of Concrete Footings for Stair C2ST01 and Revised S
DA-4382/CGMP06	0396	\$287		BWC -Destination Camera Coring, Conduit and Wire
DA-4382/CGMP06	0397	\$548		BWC - Ramp South of 5C1-10A
DA-4382/CGMP07	0080	\$4,564		BWC - Louver at Gas Line C20-DD an
DA-4382/CGMP08	0533	\$412		BWC - Fan Supervision at Stairs 9 and 10
DA-4382/CGMP08	0535	\$8,689		BWC - Comm Cable Tray Transition between Gridlines
DA-4382/CGMP08	0536	\$18,232		BWC - Pet Relief Area Drain Connection to Storm Drain
DA-4382/CGMP08	0537	\$8,404		Core Level 3 C7 Escalator Ceiling
DA-4382/CGMP08	0538	\$1,064		Light Fixtures Changes in Restroom 3C2-30
DA-4382/CGMP08	0539	\$(13,292)		BWC - Additional Soffit for Expansion Joint at Level 1 and Level 3
DA-4382/CGMP08	0540	\$2,907		BWC - Plumbing Chase 3C2-25 Wall Height vs. Fire Protection
DA-4382/CGMP08	0541	\$2,333		BWC - Vestibule 2C7-20 East Wall Openings to be Covered
DA-4382/CGMP08	0542	\$4,300		BWC - Responses to LADBS ADA Comments (Electrical)
DA-4382/CGMP08	0543	\$2,140		Core Seismic Joints at Level 2, 3 and 4 Gridline R (Fire Protection)
DA-4382/CGMP08	0544	\$10,476		BWC - Electrical Power for L2C1 Stanley Auto Doors
DA-4382/CGMP08	0545	\$60,216		BWC - Add Smoke Detection in Elevator Shafts (Electrical)
DA-4382/CGMP08	0546	\$(5,587)		BWC Int - 2 Hr Shaft Assembly at 3C4-50
DA-4382/CGMP08	0547	\$6,619		BWC - Int - Rating Under Stair 2C5ST02
DA-4382/CGMP08	0548	\$1,968		BWC - Rating Under Escalators and Stairs (Plumbing)
DA-4382/CGMP08	0549	\$(62,763)		BWC - Door and Wall Changes for Elevator Control Room 2C5-10
DA-4382/CGMP08	0550	\$45,817		BWC - Appreciation Day and Public Event Logistics Support
DA-4382/CGMP08	0551		\$182,188	BWC - Mechanical AHU Room Derating
DA-4382/CGMP08	0552	\$4,081		BWC - Gate 148 Elevator Smoke Detector Access Hatch Revisions
DA-4382/CGMP08	0553	\$10,796		BWC - Change Mounting of CCTV Camera at Gate 148 Roof



4382 - BRADLEY WEST	CORE (DA-4382)		
DA-4382/CGMP08	0554	\$37,519	RIDS Displays for Tug Lane (Electrical)
DA-4382/CGMP08	0555	\$6,911	BWC - Ceiling and CRAC OH Conflicts at Rooms 3C2-54 a
DA-4382/CGMP08	0556	\$71,158	BWC - BHS ACAMS Interface Added Conduit and Relays (Electrical)
DA-4382/CGMP08	0557	\$4,208	BWC - Expanded Metal Security Mesh Rooms Without Sec
DA-4382/CGMP08	0558	\$6,019	BWC - CIP Concrete Wall Openings
DA-4382/CGMP08	0559	\$9,927	FA - VESDA Panel Conflict with Tenant at Gridelines X7 a
DA-4382/CGMP08	0560	\$7,225	BWC - Add Power Supply to gate 148 PWCs
DA-4382/CGMP08	0561	\$9,978	BWC - Exit Signs at Level 6 and 7
DA-4382/CGMP08	0562	\$4,328	BWC - Elect - Circulation 3C1-10 Shaft FSD
DA-4382/CGMP08	0563	\$1,215	BWC - Remedial Work Due to Shafts
DA-4382/CGMP08	0564	\$(10,434)	BWC - Comm Level 4 Light Fixture and Cable Tray Clearan
DA-4382/CGMP08	0565	\$4,959	Core Lowered Ceiling at South Tug Pass (Fire Protection)
DA-4382/CGMP08	0566	\$31,227	BWC - Time Tower Sprinkler Head and Smoke Detector Revisions (A
DA-4382/CGMP08	0567	\$2,209	BWC Int - Gate 148 Design Issues Levels 4 and 5
DA-4382/CGMP08	0568	\$72,870	Tenant Coordination: Time Tower Mech-Elec Room Revisions
DA-4382/CGMP08	0569	\$17,023	BWC - Level 6 C7 Escalator Lights (Electrical)
DA-4382/CGMP08	0570	\$3,999	BWC Stair 4C4ST06 Fixture Type Clarification
DA-4382/CGMP08	0571	\$27,407	BWC - A5 Signs Temp Installation with Poles and Mounts Only
DA-4382/CGMP08	0572	\$65,463	BWC - Baggage Input Console Power Requirements
DA-4382/CGMP08	0573	\$14,140	BWC Int - Elevator Smoke Screen Requirement
DA-4382/CGMP08	0574	\$13,147	Correction Notice for Outlets & Lights @ 3C6-32 CFSD's
DA-4382/CGMP08	0575	\$12,027	BWC - Revised Monitor Mounts for A7 Baggage Carousel Signage (El
DA-4382/CGMP08	0576	\$10,293	BWC - East Side Parking - Repair of Light Standards (Electrical)
DA-4382/CGMP08	0577	\$10,526	BWC - ADG BWC Gate 148 Holdroom Seating Revisions
DA-4382/CGMP08	0578	\$12,555	BWC Access Hatch for Pre-Action Smoke Detectors at Ti
DA-4382/CGMP09	0216	\$5,813	BWC - Gate 148 Clarification
DA-4382/CGMP09	0217	\$2,628	BWC Int - Slab Extension at R-Line and Grid 39
DA-4382/CGMP09	0218	\$3,280	BWC - Hallway 1C7-50 Ramp Up to Meet Existing TBIT SOG Elevatio
DA-4382/CGMP09	0219	\$3,725	BWC - Add Smoke Detection in Elevator Shafts (Exterior Fr
DA-4382/CGMP09	0220	\$2,125	BWC - Added Level 6 Beam and D-1 Deck at Gridline 51.1 Roof
DA-4382/CGMP09	0221	\$1,036	BWC - CMU Column Wrap Conflict at Level 3 Circulation Room 3C8-4
DA-4382/CGMP09	0222	\$3,686	BWC - E1CL4 CMP Panels and Storefront (Framing)
DA-4382/CGMP09	0223	\$(5,185)	BWC - Provide Drywall at C4EL02-04 Entrances Level 4 - 6 in lieu of
DA-4382/CGMP09	0224	\$1,010	PBB - Gate 148 PBB Flashing Attachment to Building Face
DA-4382/CGMP09	0225	\$17,001	BWC - SSI - RIDS Displays for Tug Lane
DA-4382/CGMP09	0226	\$2,897	BWC - C3ST01 Lower Landing Ramp (Miscellaneous Stee



A-4382 - BRADLEY WEST	CORE (DA-4382)		
DA-4382/CGMP09	0227	\$2,216	BWC - Revisions to Clearance Bars Sign (D9 and D11)
DA-4382/CGMP09	0228	\$14,359	Core ADA Issues Dated 07-11-13 (Miscellaneous Metals)
DA-4382/CGMP09	0229	\$1,136	BWC - Remedial Work Due to Shafts Per
DA-4382/CGMP09	0230	\$1,171	Core Lowered Ceiling at South Tug Pass (Framing)
DA-4382/CGMP09	0231	\$3,122	BWC - Removal of HSS Above Elevator Door at Time Tower
DA-4382/CGMP09	0232	\$2,131	BWC Louver at Gas Line C20-DD a
DA-4382/CGMP09	0233	\$2,415	BWC - Door Ledge at Level 6 Roof (Plastering)
DA-4382/CGMP09	0234	\$2,655	BWC - Handrail at Ramp Near 5C4ST06
DA-4382/CGMP09	0235	\$3,567	Level 2 Backflow Gate at Stair 2C4ST03
DA-4382/CGMP09	0236	\$10,301	BWC Ramp South of 5C1-10A
DA-4382/CGMP09	0237	\$2,590	BWC Int - Extension of Plates for Escalator Expansion Joi
DA-4382/CGMP10	0068	\$845	BWC - Additional Soffit for Expansion Joint at Level 1 and Level 3 - R
DA-4382/CGMP10	0069	\$9,603	BWC - Structural Steel Edge of Slab Revisions, Add Curtainwall Supp
DA-4382/CGMP10	0070	\$3,040	BWC - Vestibule 2C7-20 East Wall Openings to be Covered
DA-4382/CGMP10	0071	\$7,846	BWC - Added Level 6 Beam and D-1 Deck at Gridline 51.1 Roof
DA-4382/CGMP10	0072	\$5,855	BWC - SSI - RIDS Displays for Tug Lane(Fireproofing)
DA-4382/CGMP10	0073	\$1,512	BWC Int - North and South Light Well Escalators
DA-4382/CGMP10	0074	\$1,287	BWC - Revisions to Clearance Bars Sign (D9 and D11)
DA-4382/CGMP11	0014	\$23,383	BWC - OS3 - Delete Finish, Remove GWB and Revise BHS SS Side
DA-4382/CGMP12	0273	\$(88,446)	BWC - Deletion of Temporary Walls on Levels 4, 5, and 6 (Gyp Boar
DA-4382/CGMP12	0274	\$1,478	BWC - Opening 1C8-10A/B (Gyp Board/Frami
DA-4382/CGMP12	0275	\$901	Core Level 3 C7 Escalator Ceiling
DA-4382/CGMP12	0276	\$11,429	BWC - Additional Soffit for Expansion Joint at Level 1 and Level 3 -
DA-4382/CGMP12	0277	\$3,850	BWC Gate 148 Clarification
DA-4382/CGMP12	0278	\$537	BWC - Vestibule 2C7-20 East Wall Openings to be Covered
DA-4382/CGMP12	0279	\$5,827	Core 3C1-50A Wall Rating (Tenant Wall) for Ceiling Finish
DA-4382/CGMP12	0280	\$3,690	BWC Int - Opening 4C4-13 Swing Direction
DA-4382/CGMP12	0281	\$8,265	BWC - Responses to LADBS ADA Comments (Interior Fr
DA-4382/CGMP12	0282	\$21,331	BWC - RENO - Unforeseen Conditions - Door Framing (Dr
DA-4382/CGMP12	0283	\$109,371	Core Seismic Joints at Level 2, 3 and 4 Gridline R
DA-4382/CGMP12	0284	\$2,913	BWC -Int- Addition of Trespa at N1/C20 C4 Restroom Lid
DA-4382/CGMP12	0285	\$324	BWC - Hallway 1C7-50 Ramp Up to Meet Existing TBIT SOG Elevati
DA-4382/CGMP12	0286	\$6,437	BWC - Add Smoke Detection in Elevator Shafts (Gyp Boa
DA-4382/CGMP12	0287	\$5,203	Hr Shaft Assembly at 3C4-50
DA-4382/CGMP12	0288	\$991	BWC - Conduit Reroute Due to Tenant Work at Core Binnacles
DA-4382/CGMP12	0289	\$36,419	BWC - Rating Under Escalators and Stairs (Gyp Board/Fr



382 - BRADLEY WEST	CORE (DA-4382)		
DA-4382/CGMP12	0290	\$718	BWC - Door and Wall Changes for Elevator Control Room 2C5-10, F
DA-4382/CGMP12	0291	\$31,737	BWC - Mechanical AHU Room Derating (Drywall)
DA-4382/CGMP12	0292	\$3,631	BWC - Confirm Fire rating for Non-Rated F1 Wall Between Stairs - R
DA-4382/CGMP12	0293	\$4,994	BWC - Added Soffit at Level 3 C7, gridline R1 Between X12 and X1
DA-4382/CGMP12	0294	\$4,162	BWC - Gate 148 Elevator Smoke Detector Access Hatch Revisions
DA-4382/CGMP12	0295	\$17,688	BWC - Provide Drywall at C4EL02-04 Entrances Level 4 - 6 in lieu of
DA-4382/CGMP12	0296	\$790	Additional Power Supply for Door 6C7-22
DA-4382/CGMP12	0297	\$10,897	OSA Mechanical Shaft Walls Conflicts on Level 4
DA-4382/CGMP12	0298	\$976	AESS Level 4 C1 Attachment to Structure Follo
DA-4382/CGMP12	0299	\$30,176	BWC - Added TBAR Supports for FC18T Light Fixtures - Levels 1 a
DA-4382/CGMP12	0300	\$3,538	BWC INT - Detail for Drop Ceiling at Door 4C4ST04 BB/38
DA-4382/CGMP12	0301	\$1,590	BWC - Finish Plan Between Level 6 Trespa Wrapped Col
DA-4382/CGMP12	0302	\$4,787	BWC Int - North and South Light Well Escalators
DA-4382/CGMP12	0303	\$3,642	BWC - CIP Concrete Wall Openings - (Gypsum Board/ Fram
DA-4382/CGMP12	0304	\$1,319	BWC - Int - Light Well Trespa Detail 1C7-30 and 1C6-20
DA-4382/CGMP12	0305	\$8,157	BWC - Temporary Loading Dock at the West Apron Between X-1/C4
DA-4382/CGMP12	0306	\$926	BWC - Removal of HSS Above Elevator Door at Time Tower (CPC)
DA-4382/CGMP12	0307	\$1,561	BWC - IEMS - Modify Base Building Glass Handrail, Shoe, Angle at
DA-4382/CGMP12	0308	\$1,233	BWC - Time Tower Sprinkler Head and Smoke Detector Revisions (
DA-4382/CGMP12	0309	\$1,654	BWC - OS3 - Delete Finish, Remove GWB and Revise BHS SS Side
DA-4382/CGMP12	0310	\$21,592	BWC Int - Gate 148 Design Issues Levels 4 and 5
DA-4382/CGMP12	0311	\$48,612	Tenant Coordination: Time Tower Mech-Elec Room Revisions
DA-4382/CGMP12	0312	\$2,665	BWC - Core Plumbing Chase Door Finish Revision
DA-4382/CGMP12	0313	\$2,924	Correction Notice for Outlets & Lights @ 3C6-32 CFSD's
DA-4382/CGMP12	0314	\$910	BWC - Handrail at Ramp Near 5C4ST06
DA-4382/CGMP13	0122	\$14,239	Core Level 3 C7 Escalator Ceiling
DA-4382/CGMP13	0123	\$3,550	BWC - Structural Steel Edge of Slab Revisions, Add Curtainwall Sup
DA-4382/CGMP13	0124	\$1,791	BWC - Gate 148 Clarification
DA-4382/CGMP13	0125	\$2,913	BWC - Vestibule 2C7-20 East Wall Openings to be Covered
DA-4382/CGMP13	0126	\$10,897	BWC Int - Glass Guardrail at Stair 4C8ST02
DA-4382/CGMP13	0127	\$3,791	BWC - Responses to LADBS ADA Comments
DA-4382/CGMP13	0129	\$894	BWC - Conduit Reroute Due to Tenant Work at Core Binnacles
DA-4382/CGMP13	0130	\$(24,533)	BWC - TENT - Turnover of Materials to Hensel Phelps for Star Allian
DA-4382/CGMP13	0131	\$14,797	BWC Int Guardrails at Drinking Fountains at Restroom
DA-4382/CGMP13	0132	\$15,591	BWC Int - Stainless Steel Speakers Above Binnacles on Level 4



A-4382 - BRADLEY WEST	•	,				
DA-4382/CGMP13	0133	\$30,176	BWC -Int- Addition of Trespa at N1/C20 C4 Restroom Lid			
DA-4382/CGMP13	0134	\$12,258	AESS Level 4 C1 Attachment to Structure Follo			
DA-4382/CGMP13	0135	\$1,440	BWC INT - Detail for Drop Ceiling at Door 4C4ST04 BB/38			
DA-4382/CGMP13	0136	\$1,345	BWC - Finish Plan Between Level 6 Trespa Wrapped Col			
DA-4382/CGMP13	0137	\$3,746	BWC - BHS ACAMS Interface Added Conduit and Relays (Decorativ			
DA-4382/CGMP13	0138	\$1,561	Core ADA Issues Dated 07-11-13 (Interior Glass)			
DA-4382/CGMP13	0139	\$5,895	BWC - Int - Light Well Trespa Detail 1C7-30 and 1C6-20			
DA-4382/CGMP13	0140	\$(2,549)	BWC - Ceiling Panels at L3 above CBP Booths			
DA-4382/CGMP13	0141	\$3,018	BWC - IEMS - Modify Base Building Glass Handrail, Shoe, Angle at			
DA-4382/CGMP13	0142	\$18,209	Handrail Termination at Level 4 Bridge (Interior Glass			
DA-4382/CGMP13	0143	\$21,852	BWC Int - Heat Trace Control Panels in Binnacles on Level 4			
DA-4382/CGMP13	0144	\$(3,850)	BWC - OS3 - Delete Finish, Remove GWB and Revise BHS SS Side			
DA-4382/CGMP13	0145	\$1,816	BWC - Level 6 C7 Escalator Lights (Metal Ceiling Pa			
DA-4382/CGMP13	0146	\$(1,980)	Tenant Coordination: Time Tower Mech-Elec Room Revisions			
DA-4382/CGMP13	0147	\$2,195	BWC - Core Plumbing Chase Door Finish Revision			
DA-4382/CGMP13	0148	\$2,329	BWC Trespa Finish East of Welcome Wall Above Level			
DA-4382/CGMP13	0149	\$7,488	BWC Ramp South of 5C1-10A			
DA-4382/CGMP14	0151	\$(17,690)	BWC - Deletion of Temporary Walls on Levels 4, 5, and 6 (Painting)			
DA-4382/CGMP14	0152	\$2,115	BWC - Pet Relief Area Drain Connection to Storm Drain			
DA-4382/CGMP14	0153	\$460	BWC - Opening 1C8-10A/B (Painting)			
DA-4382/CGMP14	0154	\$1,035	Core Level 3 C7 Escalator Ceiling			
DA-4382/CGMP14	0155	\$870	Light Fixtures Changes in Restroom 3C2-30			
DA-4382/CGMP14	0156	\$3,871	BWC - Pilasters in Restrooms 1C6-20 and 1C6-25			
DA-4382/CGMP14	0157	\$2,549	BWC - Additional Soffit for Expansion Joint at Level 1 and Level 3 - R			
DA-4382/CGMP14	0158	\$624	BWC Gate 148 Clarification			
DA-4382/CGMP14	0159	\$1,091	BWC - Vestibule 2C7-20 East Wall Openings to be Covered			
DA-4382/CGMP14	0160	\$1,561	BWC Int - Core 3C1-50A Wall Rating (Tenant Wall) for Ceiling Finish			
DA-4382/CGMP14	0161	\$615	BWC Int - Opening 4C4-13 Swing Direction (Painting)			
DA-4382/CGMP14	0162	\$48,693	Core Seismic Joints at Level 2, 3 and 4 Gridline R (Interior Expansio			
DA-4382/CGMP14	0163	\$842	BWC - Change Mounting Location of Camera 24C202			
DA-4382/CGMP14	0164	\$497	BWC - Hallway 1C7-50 Ramp Up to Meet Existing TBIT SOG Elevati			
DA-4382/CGMP14	0165	\$1,053	BWC - Rating Under Escalators and Stairs (Painting)			
DA-4382/CGMP14	0166	\$1,306	BWC - Relocate CCTV Cameras 21C604 and 21C605 locations to a			
DA-4382/CGMP14	0167	\$1,248	BWC - RIDS Displays for Tug Lane			
DA-4382/CGMP14	0168	\$1,562	BWC - Confirm Fire rating for Non-Rated F1 Wall Between Stairs - R			
DA-4382/CGMP14	0169	\$520	BWC - Added Soffit at Level 3 C7, gridline R1 Between X12 and X12			



4382 - BRADLEY WES	T CORE (DA-4382)					
DA-4382/CGMP14	0170	\$1,758		BWC - Gate 148 Elevator Smoke Detector Access Hatch Revisions		
DA-4382/CGMP14	0171	\$521		BWC INT - Detail for Drop Ceiling at Door 4C4ST04 BB/38		
DA-4382/CGMP14	0172	\$16,972		Soffit at Elevators 4C6EL01-02 BWC Int - El		
DA-4382/CGMP14	0173	\$1,249		BWC - Expanded Metal Security Mesh Rooms Without S		
DA-4382/CGMP14	0174	\$3,642		BWC Int - North and South Light Well Escalators		
DA-4382/CGMP14	0175	\$1,153		BWC - CIP Concrete Wall Openings (Painting)		
DA-4382/CGMP14	0176	\$543		Core ADA Issues Dated 07-11-13 (Painting)		
DA-4382/CGMP14	0177	\$7,309		Handrail Termination at Level 4 Bridge (Terrazzo)		
DA-4382/CGMP14	0178	\$2,913		BWC Int - Gate 148 Design Issues Levels 4 and 5		
DA-4382/CGMP14	0179	\$876		BWC - Stair 4C4ST06 Fixture Type Clarification		
DA-4382/CGMP14	0180	\$(1,160)		BWC - Delete Installation of Ramp and Landing Rails in Premier Lou		
DA-4382/CGMP14	0181	\$604		Correction Notice for Outlets & Lights @ 3C6-32 CFSD's		
DA-4382/CGMP14	0182	\$833		BWC - Handrail at Ramp Near 5C4ST06		
DA-4382/CGMP14	0183	\$842		Level 2 Backflow Gate at Stair 2C4ST03		
DA-4382/CGMP14	0184	\$569		Ramp South of 5C1-10A		
DA-4382/CGMP14	0185	\$4,682		BWC Int - BHS Storage 3C2-35 Follow-Up		
DA-4382/CGMP15	0041	\$1,442		BWC - Responses to LADBS ADA Comments (Tiling)		
DA-4382/CGMP15	0042	\$922		PBB - Gate 148 PBB Flashing Attachment to Building Fac		
DA-4382/CGMP15	0043	\$(25,811)		BWC - Slab On Grade Traffic Coating Credit		
DA-4382/CGMP15	0044	\$5,517		BWC - Core Plumbing Chase Door Finish Revision		
DA-4382/CGMP16	0020	\$3,168		BWC - Revisions to Clearance Bars Sign (D9 and D11)		
DA-4382/CGMP16	0021	\$(26,302)		Signage Material from Dimensional Opaque Lettering to Vinyl		
DA-4382/CGMP16	0022	\$6,708		BWC - Core Tactile Stair Signs		
DA-4382/CGMP16	0023	\$4,096		BWC - A5 Signs Temp Installation with Poles and Mounts Only		
DA-4382/CGMP16	0024	\$18,576		BWC - Sign Group A Issues		
DA-4382/CGMP16	0025	\$1,112		BWC - Revised Monitor Mounts for A7 Baggage Carousel Signage (Si		
DA-4382/CGMP17	0007		\$265,989	BWC - IEMS - Additional Mock-Up Equipment		
DA-4382/CGMP17	0008		\$(241,288)	BWC -BWC IEMS Raise Story Board		
DA-4382/CGMP18	0116	\$2,564		NFA Raise Lines in North Entry Canopy		
DA-4382/CGMP18	0117	\$9,115		BWC - NFA - Repair Mainline, Remove Irrigation Controller and Loca		
DA-4382/CGMP18	0118		\$229,286	NFA - Stainless Steel Work at North and South Escalators (S		
DA-4382/CGMP18	0119	\$67,802		BWC - NFA - Finish Paint on Aluminum Guardrails		
DA-4382/CGMP18	0120	\$77,995		BWC - NFA - Stainless Steel Column Covers at Escalators		
DA-4382/CGMP18	0121	\$40,894		BWC - NFA Hand Graining of Stainless Steel at Escalators		
DA-4382/CGMP18	0122	\$87,133		NFA Arrivals Level Plumbing Risers		
DA-4382/CGMP18	0123	\$17,844		NFA - Irrigation Backflow Preventer		



DA-4382/CGMP18	0124	\$64,164	NFA Water Vault Manhole Access Relocation				
DA-4382/CGMP18	0125	\$59,919	NFA - Column Cover for Exposed Conduit on P3 Column				
DA-4382/CGMP18	0126	\$9,357	NFA - Stop Work Notice for Installation of EMT				
DA-4382/CGMP18	0127	\$17,241	NFA - Escalators 3 and 4 Temporary Escalator Lights				
DA-4382/CGMP18	0128	\$3,466	BWC - NFA - Painting Additional Skylight Perimeter Steel FR19				
DA-4382/CGMP18	0129	\$1,269	BWC - NFA - Painting of Steel at Southwest Canopy Tip				
DA-4382/CGMP18	0130	\$1,925	NFA - Sidewalk Canopy Flat Plate Roof Panel Discrepancy				
DA-4382/CGMP18	0131	\$19,441	NFA Removal of Area C 7 D Buried Conduit at Arrivals Level				
DA-4382/CGMP18	0132	\$26,466	NFA Arrivals Handrail Fixture 3A.18 Changes to Add 3rd Rail				
DA-4382/CGMP18	0133	\$11,921	NFA Additional Temporary Lighting Below the Dance Floor				
DA-4382/CGMP20	0068	\$18,320	BWC - RENOVATION - Phase "0" - Temporary Power for Terrazzo				
DA-4382/CGMP20	0069	\$12,213	BWC - RENO - Phase '0' - CBP North/East Offices - Door Hardware a				
DA-4382/CGMP20	0070	\$5,497	BW- RENO Phase '0' BHS Switchgear Building Structura				
DA-4382/CGMP20	0071	\$12,481	BWC - Added Level 6 Beam and D-1 Deck at Gridline 51.1 Roof				
DA-4382/CGMP20	0072	\$67,680	BWC - Renovation - Phase "0" CBP North Offices - Electrical/Data Ca				
DA-4382/CGMP20	0073	\$3,035	RENO - Phase '0' - CBP North Offices - Plumbing Wall Insulation Clar				
DA-4382/CGMP20	0074	\$9,088	BWC - RENO Missing Neutral Bus at EDA and EDB				
DA-4382/CGMP20	0075	\$3,225	BWC - RENO - Phase 0 - DWP/BHS Yard - BHS Building Door Hardv				
DA-4382/CGMP20	0076	\$9,436	BWC - SSI RENO - Phase '0' - CBP North Offices - Relocated Securit				
DA-4382/CGMP20	0077	\$11,054	BWC - RENO - Phase 0 - Level 1 Bump Out - Missing Floor Slab Infill				
DA-4382/CGMP20	0079	\$1,781	Phase '0' - Level 1 Bump Out - Replacement of Existing 20A				
DA-4382/CGMP20	0080	\$4,952	BWC - RENO - Phase 0 - Welded Grounding Connections at Busway				
DA-4382/CGMP20	0081	\$(8,032)	BWC - RENO Phase "0" CBP North Offices / Lvl 1 N Offices WiFi Dev				
DA-4382/CGMP20	0082	\$8,300	BWC - RENO - Phase 0 - DWP/BHS Yard - Drip Pans at Tug Pass Ov				
DA-4382/CGMP20	0083	\$13,140	BWC - Renovation - Busway Conflict with Roof Framing Ste				



### CHANGE ORDERS - Continued as of 9/30/2013

Element					as of 9/30/2
Project Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
CUP Replacement Elem	ent	•		•	•
C001A - CENTRAL UTILI	TY PLANT				
DA-4554/0000	0169	\$33,722			Road Widening SUSMP - LID Ordinance
DA-4554/0000	0170	\$4,492			Water Usage at Westchester Laydown Yard
DA-4554/0000	0171	\$4,658			Installation of Terminal 6 New Vent Hood
DA-4554/0000	0172	\$109,910			Safety Maintenance Equipment - Lift
DA-4554/0000	0173	\$53,461			FMCS Fiber Connectivity Expansion
DA-4554/0000	0174	\$12,972	1		Fans to Support CHilled Water and Condenser Water Shutdowns
Landside Element		· · · · · · · · · · · · · · · · · · ·			

Residential/Soundproofing Element

**Terminal Element** 



### **Bradley West- Gates**

CHANGE TYPE	EXECUTED CHANGES (CUMULATIVE )	APPROVED CHANGES (CUMULATIVE)	SUBTOTAL	% OF CONTRACT VALUE *
DESIGN EVOLUTION	\$30,385,326	\$0	\$30,385,326	4.89%
DOCUMENT CORRECTION	\$49,924,912	\$2,533,547	\$52,458,459	8.44%
FIELD CONDITIONS	\$16,361,641	\$871,577	\$17,233,218	2.77%
OWNER BETTERMENT	\$27,872,124	(\$10,677,539)	\$17,194,585	2.77%
CODE REQUIREMENT	\$3,832,940	\$671,503	\$4,504,443	0.72%
TOTAL	\$128,376,943	(\$6,600,912)	\$121,776,031	19.59%

\*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	\$19,667	\$30,066,474	4.83%
DOCUMENT CORRECTION	\$34,056,106	\$2,120,458	\$36,176,564	5.81%
FIELD CONDITIONS	\$12,399,033	\$2,778,698	\$15,177,731	2.44%
OWNER BETTERMENT	\$75,832,237	-\$2,083,525	\$73,748,712	11.85%
CODE REQUIREMENT	\$7,245,681	\$338,027	\$7,583,708	1.22%
TOTAL	\$159,579,864	\$3,173,325	\$162,753,189	26.14%

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



# OCIP as of 9/30/2013





# OCIP - Continued as of 9/30/2013





# OCIP - Continued as of 9/30/2013





## MWBE/DBE

# **Subcontractor Utilization Summary Report**

### as of 9/30/2013

					Achieved Participation to Date*				
Firm	Contract No.	DBE or M/WBE Contract	Proposed Lev of Participatio		M/WBE		DBE		Remarks
AECOM Technical Services, Inc.	DA-4260	DBE	12.00	%	N/A	%	21.44	%	
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	%	27.26	%	
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	%	7.67	%	N/A	%	
Clark/McCarthy Joint Venture - Construction	DA-4554	M/WBE	16.00	%	11.43	%	N/A	%	
Fentress Architects	DA-4274	DBE	9.30	%	13.21	%	6.13	%	
Gruen Associates	DA-4761	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	%	12.14	%	N/A	%	
Jacobs Project Management Co.	DA-4417	M/WBE	25.00	%	25.44	%	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	%	19.45	%	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	%	2.07	%	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	%	
	on:	17.39%		15.15%					

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