





# **Airports Development**

**Executive Management** 

**Program Status Report** 

June 30, 2010



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# **ELEMENT OVERVIEW**

#### **Purpose**

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

#### **Airside Element**

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

#### **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 are critical utility and infrastructure elements that support Terminal and Airport operations within the Central Terminal Area (CTA). Current construction projects include the In-Line Baggage Screening System program consisting of the construction of fully integrated Transportation Security Administration (TSA) screening equipment in Terminal 3 and removal of lobby machines, plus, the IT Fiber Loop Backbone project which will provide new connectivity between all Terminals and the Telecommunication Building.

#### **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.

#### **TBIT Renovation Element**

The Tom Bradley International Terminal (TBIT) was designed in 1982 and constructed for the opening of the 1984 Olympics that were held in Los Angeles. In the intervening years, other than minor improvements and concessions additions, the terminal had not been remodeled or modernized and did not provide comparable standards, amenities, and aesthetics realized at other international and national airports around the world. The aesthetics and finishes at TBIT were based on 1980s design. The lighting in most areas was not up to current standards, the paging system was inadequate, and some areas did not meet current building code requirements including the Americans with Disabilities Act (ADA). Contact gates at TBIT were inadequate to accommodate the "New Large Aircrafts", e.g. Airbus A380. Lastly, due to the events following September 11, 2001, the Transportation Security Administration (TSA) mandated requirements for in-line 100% checked baggage screening of the outbound baggage system at TBIT. The proposed project addresses these deficiencies and new security baggage screening requirements through a comprehensive modernization and upgrade of TBIT.

#### **Projects in Definition**

This section lists the projects that are in definition and are being further developed to ensure a shared understanding of purpose, objective, scope, funding and mandate. Projects in Definition are by their very nature subject to change in scope, schedule and cost as the purpose and objectives are agreed upon and business analyses are conducted.



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

# **Project Description**

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

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

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

## **Construction Progress**

First construction contract awarded to Griffith Construction on April 21, 2009. Notice to Proceed issued June 29, 2009.

Construction is 85% complete.

#### **Budget Status**

This project is anticipated to complete on budget.

## **Schedule Status**

The project's orginal completion date of May 25, 2010 has been extended to August 23, 2010.

## Issues



# **AIRSIDE ELEMENT - Crossfield Taxiway Project (M101A)**

# **Project Description**

The project entails the construction of a 3,437-foot-long by 100-foot-wide taxiway that connects Taxiway 'B' on the south and Taxiway 'E' on the north. To facilitate this construction, there will be removal of existing deteriorated concrete pavement and the removal of asphalt pavement replaced with Portland Cement Concrete (PCC) and asphalt concrete pavement. This project also constructs a new parallel service road and a replacement apron for Remain Overnight (RON) and the following facilities:

Realignment of World Way West and two bridges over the road; one for aircraft crossing as a part of taxiway C13 and the other for vehicular traffic:

Taxiway centerline electrical, lighting and signage;

Pavement markings, including centerline, edge striping and edge reflectors; and

Installation of redesigned drainage and modifications to existing utilities.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

Construction contract awarded to R & L Brosamer Inc. on March 23, 2009.

Notice to Proceed issued May 11, 2009.

Taxiway 'R' opened on May 24, 2010.

Construction is 90% complete.

## **Budget Status**

Additional funds may be needed to cover anticipated trends

#### **Schedule Status**

The remainder of the project which includes Remain Overnight (RON) is anticipated to complete August 2010



# AIRSIDE ELEMENT - Crossfield Taxiway Project (M101A) - Continued

- \* Additional change orders due to owner requested changes are currently under negotiations.
- \* North Outfall Replacement Sewer (NORS) Manhole Sewer manhole for deep NORS line running under the south end of RON needs to be retrofitted for aircraft loading and raised to proposed grade.
- \* Taxiway E-11 Utility Phasing Once Taxiway E-12 is constructed and become available for AA and Qantas use to access their apron, E-11 needs to be closed and utilities installed across. Additional mobilization and jet fuel line flushing are required to accomplish the task. Original contract called for the construction of Taxiways E-12 & closure E-11 simultaneously; therefore, American Airlines and Qantas would not have access to their apron. In order not to impact the airlines operations, additional phase to the project needed to be added.



# AIRSIDE ELEMENT - LAX Aircraft Rescue and Fire Fighting Facility (M107A)

# **Project Description**

The new Aircraft Rescue and Fire Fighting Facility (ARFF) is proposed to be constructed as a replacement for the existing Fire Station No. 80. This new facility will be located on World Way West just west of Remain Over Night (RON) aircraft aprons situated relative to the mid-points of the outmost runways (Runway 6L/24R on the north and Runway 7R/25L on the south). The proposed ARFF would provide approximately 27,500 square feet of administrative office area and station living quarters within a 2-story structure, six bays for emergency vehicles along with a service bay, storage area for various emergency response equipments, and briefing and training rooms.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

Construction contract awarded to Tobo Construction on June 10, 2009.

Administrative Notice to Proceed issued July 10, 2009.

Construction Notice to Proceed issude September 4, 2009.

Construction is 69% complete.

# **Budget Status**

This project is tracking on budget.

# **Schedule Status**

This project is anticipated to complete September 2010 which is currently on schedule.



# **AIRSIDE ELEMENT - Bradley West - Aprons (M205A)**

# **Project Description**

The Bradley West Aprons project contains an East and West component. The Bradley West Aprons project consists of approximately 34,000 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 Core. This apron construction includes all grading, utilities, airfield signage and lighting; construction of LADWP power and communication ductbanks; and the LAWA power and communication ductbanks.

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

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

Project Definition is complete.

# **Design Progress**

West Aprons awarded design is 100% complete.

East Aprons design is 50% complete.

# **Construction Progress**

West Aprons - Anticipated Schedule - February 6, 2011 through February 1, 2012 The Bradley West Gates and Core contracts awarded to Walsh-Austin.

East Aprons -

No construction contracts awarded.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

This project progressing on schedule.



# AIRSIDE ELEMENT - Taxilane 'S' (M204A)

# **Project Description**

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

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

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

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

Construction contract awarded to Flatiron West, Inc. on December 7, 2009.

Administrative NTP issued on December 18, 2009.

NTP for construction was issued for March 1, 2010.

Construction is 6% complete.

#### **Budget Status**

Although mitigation plans are being implemented, the overall project budget may be impacted as current issues are resolved.

#### **Schedule Status**

Taxilane 'S' is anticipated to open May 2011.

The project is anticipated to complete February 2012. Although mitigation plans are being implemented, the overall project schedule may be impacted as current issues are resolved.



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

- \* HMM finalizing design and LADBS plan checks for guard post 5 relocation, which may impact the construction schedule.
- \* Provide new natural gas service to the Bradley West across new Taxilane 'S'.
- \* NTP to Phase 3A (Taxiway Q north of Taxiway C) was issued for June 2, 2010. Pavement demolition is complete. WAJV is currently demolishing the existing fuel lines, and over excavating the subgrade for the concourse. Upon completion Flatiron can begin the deep utilities installation, currently on hold due to the B-permit.
- \* Additional contaminated soil will need to be removed from the project work area. Total costs may go beyond the bid item allowance amount of \$2,000,000
- \* A portion of the utility infrastructure needed to accommodate the Bradley West Project is being constructed under this project. In order to mitigate potential schedule impacts to the Bradley West Project, this work needs to be accelerated. This acceleration may result in additional costs.
- \* All buildings in the phase 1 area have been demolished, with the exception of the NG building, which is awaiting the design (from Gas Co.) for relocation of the existing gas meters.
- \* The Contractor is making progress on the baseline schedule. It is expected that the next submission will be an approvable baseline schedule (logic). Upon approval of the logic, the contractor will then cost load the schedule for a final submittal.
- \* NTP to Phase 4 (Aircraft Rescue and Firefighting Facility to Taxiway E) was issued for June 15, 2010 however property issues with American Airlines were not finalized, as well as the Crossfield Taxiway Remain Overnight (RON) apron pavement not being ready. The Contractor was able to take partial possession of the phase 4 area on June 21, 2010. This will have cost and time impacts to the project.



# AIRSIDE ELEMENT - Taxilane 'T' (M306A)

# **Project Description**

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

## **Planning and Programming Status**

Project Definition is complete.

#### **Design Progress**

No design is awarded.

#### **Construction Progress**

No construction contracts awarded.

## **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

This project is progressing on schedule.



# **AIRSIDE ELEMENT - Demolition of Existing Concourses (M210A)**

# **Project Description**

Upon completion of the new Bradley West Concourses, this project includes demolition of the existing concourses with the exception of Gate 123, demolition of any existing utilities and restores the site to an appropriate state for Apron construction.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 50% complete.

## **Construction Progress**

Construction contract awarded to Walsh-Austin Joint Venture on November 4, 2009.

# **Budget Status**

This project is tracking on budget.

# **Schedule Status**

This project is progressing on schedule.



# **AIRSIDE ELEMENT - American Airlines Settlement (M309A)**

# **Project Description**

This effort funds a Memorandum of Agreement (MOA) between LAWA and American Airlines (AA) related to the Right of Entry and Construction Commencement Agreement between LAWA and AA. AA will make necessary improvements on a substituted premises.

# **Planning and Programming Status**

Project Definition is complete.

## **Design Progress**

Design contract awarded to Hatch Mott MacDonald. Design is 100% complete.

# **Construction Progress**

Construction is complete

# **Budget Status**

This project is anticipated to complete on or under budget.

### **Schedule Status**

This project is anticipated to complete on schedule.

#### Issues

\* AA submitted a claim for additional funding due to unforseen conditions. LAWA approved a portion of the claim. AA has indicated they will not be submitting any additional claims.



# AIRSIDE ELEMENT - Southside Airfield Improvement Program - Airfield Intersection Improvements - Phase 2 (A001A)

# **Project Description**

This project consists of improving various airfield intersections and modifying service road locations to provide safe taxiing routes for current large aircraft and future New Large Aircraft (NLA). This second phase includes widening of 5 intersections throughout the north and south airfield complex at LAX, specifically in the vicinity of Taxiways E and C and Runways 24L and 25R. The project will include intersection pavement and shoulder reconstruction and relocation of all affected taxiway lighting and signage, demolition of existing vaults 2N and 2S, and construction of a new electrical vault.

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

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

Construction contract awarded to R & L Brosamer, Inc. on June 2, 2008. Notice to Proceed issued July 1, 2008. Construction is 99% complete.

### **Budget Status**

This project is anticipated to complete on or under budget.

# **Schedule Status**

This project is anticipated to complete on schedule.

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

\* Certificate of Occupancy for vault expected to be July 16, 2010.



# AIRSIDE ELEMENT - Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements (A010A)

## **Project Description**

This project will rehabilitate the existing asphalt concrete pavement for Taxilane A2 and construct a dual taxilane, among other improvements. Additionally, this project will improve airfield lighting and signage within the Runway 16L/34R Safety Area (RSA).

# **Planning and Programming Status**

Project Definition is complete.

## **Design Progress**

Design is 100% complete.

# **Construction Progress**

No construction contracts awarded.

# **Budget Status**

This project is tracking on budget.

# **Schedule Status**

This project bids opened on June 17, 2010



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

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

Project Definition is complete.

## **Design Progress**

Design is 99% complete.

# **Construction Progress**

Interim West Bus Terminal Crane is on-site for erection of tilt-up panels.

Utility relocations on west side of TBIT and work at Gates #119 & #106 continue.

North Concourse foundation work is underway.

South Concourse excavation activities continue.

## **Budget Status**

This project is anticipated to complete on budget.

Component Guaranteed Maximum Price 01 through 08 have been approved by the board.

Buy out is 80% complete (inclusive of OCIP). The project is currently forecast to be 2% over trade cost budget.

## **Schedule Status**

Milestone: West Gates Substantial Completion Target Date: 12/12/12 Forecast Date: 1/10/13

#### **Issues**

The project team is identifying and implementing work plans to mitigate the impact of delays. Remedial efforts include performing multiple shifts and working simultaneously in high risk areas, and re-phasing the construction / logistic plans to provide earlier access to critical work areas of the project.



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

# **Project Description**

This project will provide improvements to the Federal Inspection Service (FIS) facilities in Tom Bradley International Terminal (TBIT) and allow for the development of new 693,000 sf improved departure level (post security) passenger amenities, including new restrooms, concessions, airline lounges, and administrative offices within TBIT's existing north and south concourses; renovates, improves and enlarges the space used by the FIS and the Customs and Border Patrol (CBP); constructs secure/sterile passenger corridors between TBIT and Terminals 3 and 4; and renovates and improves existing facilities throughout TBIT including re configuration of the security screening checkpoint.

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

Project Definition is complete.

# **Design Progress**

Design is 83% complete.

# **Construction Progress**

East Egress work continues at Gates #119, #120 & #121 Pot holing activities are underway for the Loading Dock/Fire Control Building Core Standpipe work continues

## **Budget Status**

Component Guaranteed Maximum Price 01 through 07 have been approved by the board.

Buy out is 36% complete (OCIP included) and is continuing favorably. The trade cost is currently forecast to be 2% under the trade cost budget.

# **Schedule Status**

Milestone: New Core Construction & Temporary Security Checkpoint Target Date: 12/12/12 Forecast Date: 1/10/13

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

The project team is identifying and implementing work plans to mitigate the impact of delays. Remedial efforts include performing multiple shifts and working simultaneously in high risk areas, and re-phasing the construction / logistic plans to provide earlier access to critical work areas of the project.



# **BRADLEY WEST ELEMENT - Construction Traffic Mitigations (M203B)**

# **Project Description**

The general scope of work involves improving roadway capacity at the two intersections identified by the Bradley West Project Environmental Impact Report as being affected by the Bradley West construction activities and enhancing safety at the future construction contractor parking area.

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

Project Definition is complete.

# **Design Progress**

Design is 99% complete.

## **Construction Progress**

BOAC approved the action to award construction contract to Griffith Company on June 28, 2010. Action will become final pursuant to Council waiting period specified in City Charter.

# **Budget Status**

This project is anticipated to complete on or under budget.

### **Schedule Status**

This project is anticipated to be in construction Fall 2010 - Spring 2011.

Administrative Notice to Proceed (NTP) to be issued mid July.

Construction NTP expected in August.



# **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**

Proposals from six nominated Los Angeles-based artists have been received and are being reviewed by the Art Oversight Committee (AOC).

#### **Design Progress**

No design contract awarded.

## **Construction Progress**

No construction contract awarded.

# **Budget Status**

This project is anticipated to complete on or under budget.

## **Schedule Status**

This project is anticipated to complete on or ahead of schedule.

## Issues



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

# **Project Description**

The project provides a replacement Central Utility Plant (CUP) to supply cooling, 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:

Temporary Power and Associated Relocations Project (TPAR) includes construction of a new substation to feed power to the existing CUP and installation of replacement switchgear to allow demolition of the CUP Maintenance Shop building. This work also includes installing new underground utilities to replace the existing utilities with the footprint of the new CUP.

The utility distribution system to be provided as part of this project includes interconnecting with existing piping as well as providing completely new services to new terminals and replacement or bypassing of some existing piping.

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

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

# **Planning and Programming Status**

Project Definition is complete.

#### **Design Progress**

Design is complete for solicitation of a design build contractor.

# **Construction Progress**

No construction contracts awarded.

The final technical proposals were submitted June 22, 2010; and the final proposal evaluation will be completed by July 12, 2010.

#### **Budget Status**

This Design Build contract is under procurement.

## **Schedule Status**

With the June 1, 2010 issuance of Addendum # 10 the RFP technical procurement was extended two weeks to allow the bidders time to properly submit their technical submittal. This action did not impact the overall project schedule. The forecast BOAC award date is August 9; with the City Council award anticipated on August 20, 2010.



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

# <u>Issues</u>

The Walsh-Austin Joint Venture Tempory Power and Associated Relocations (TPAR) construction progress is approximately one month behind schedule. This schedule slip has now put TPAR on the Central Utility Plant (CUP) design/build critical path.



# UTILITIES & INFRASTRUCTURE ELEMENT - Security Program In-Line Baggage Screening Systems (T3) North (U001A)

# **Project Description**

This project provides for in-line baggage screening system in LAX Terminal 3 pursuant to the requirements of TSA. This project's original budget also included construction of an in-line baggage screening system at Terminals 1 and 2. This project includes replacement of the existing airline baggage handling spaces; construction of new baggage screening rooms; replacement of the outbound baggage conveyor systems; and installation/integration of TSA-provided Explosive Detection System (EDS) machines. Also included are Explosives Trace Detection (ETD) work stations, On-screen Resolution (OSR) Control Room and CCTV systems.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

#### **Construction Progress**

Construction contract awarded to Swinerton Builders May 16, 2007.

Construction is complete and project is in final stage of close-out.

Final Change Order was executed on June 2, 2010.

Final Payment Request and Project Acceptance was executed on June 14, 2010.

#### **Budget Status**

This project was completed under budget.

#### **Schedule Status**

This project was completed on schedule.

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

None.



# UTILITIES & INFRASTRUCTURE ELEMENT - Airport Response Coordination Center (ARCC) (U009A)

#### **Project Description**

This project will provide a centralized response coordination center on the 4th floor of the existing Badging Building located at 7333 World Way West at Los Angeles International Airport (LAX). The project will improve efficiency and communication for day to day operations and response to incidents by collocating various shared operational functionalities into one consolidated location. The new Airport Response Coordination Center will co-locate Airfield Operations, Terminal Operations, Construction and Maintenance, non-emergency Airport Police functions, and traffic management staff into a joint use facility. This new office environment, will utilize information technology for audio, video, CCTV, voice, network, Cable TV connections, PCs, and associated video wall and peripherals to improve situational awareness and communication among various Divisions and staff at LAX.

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

Project Definition is complete.

#### **Design Progress**

Design is 100% complete.

# **Construction Progress**

The IT Hardware and Software procurement contract was awarded by the BOAC on April 5, 2010.

The construction contract was awarded to Technion Contractors, Inc. (TCI) on May 17, 2010 at the BOAC meeting.

Notice to Proceed with construction was issued on June 14, 2010.

#### **Budget Status**

This project is tracking on budget.

#### **Schedule Status**

This project is anticipated to complete on schedule.

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

None at this time.



# LANDSIDE ELEMENT - AOA Perimeter Fence (World Way West) Phase 3 (L003A)

# **Project Description**

This project will enhance approximately 2.2 miles of fence from Taxiway AA to Coast Guard Road of LAX and will be constructed in the same manner as Phases 1 and 2. This project also provides security lighting and electrical duct banks along portions of World Way West from Taxiway AA to Coast Guard Road.

# **Planning and Programming Status**

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

## **Construction Progress**

Construction contract awarded to Griffith Company December 8, 2008.

Notice to Proceed issued January 22, 2009.

Construction is 88% complete.

#### **Budget Status**

This project is anticipated to complete on or under budget.

# **Schedule Status**

Installation of security fencing, electrical duct bank and lighting were substantially completed within schedule. Procurement and installation of security gates is currently behind schedule; however, should be completed at the end of August.

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

Liquidated damages have been assessed due to security gates not being installed prior to contract completion date.



# **LANDSIDE ELEMENT - Theme Building Restoration (L005A)**

# **Project Description**

This project provides for the reconstruction of the upper and lower arches to restore the appearance and provide weather protection. The entire structure will be seismically retrofitted using FEMA 356/ASCE 41 as the design guideline to a Collapse Prevention level. This will be accomplished using a Tuned Mass Damper on top of the elevator core and bolting and lap splices for confinement at the basement, ground floor and plaza levels.

## **Planning and Programming Status**

Project Definition is complete.

#### **Design Progress**

Design is 100% complete.

## **Construction Progress**

Construction contract awarded to Tower General Construction Group on July 7, 2008.

Notice to Proceed issued August 18, 2008.

Project is in closeout.

#### **Budget Status**

Phase I: Emergency Abatement for Upper Arch completed within budget.

Phase II: The Theme Building Restoration is tracking to the budget.

# **Schedule Status**

The project has a 365 calendar day construction contract. Adding approved weather delays, the project was to have been completed on September 30, 2009.

#### **Issues**

Contract documents allow for the assessment of liquidated damages (LDs) for delays in overall project completion and for certain milestones (e.g. the cladding of arches). At this time, Tower is subject to potential LDs for delays to completion of the project. However, the value will be determined upon the evaluation of Time Impact Analyses. Weather or concurrent delays occurring after the September 21, 2009 contract completion date are still being negotiated. On April 1, 2010, Tower submitted a Change Order Request totaling approximately \$577,000, claiming potential delays and their submittal is currently under review by LAWA.



# RESIDENTIAL/SOUNDPROOFING ELEMENT - Aircraft & Noise Monitoring & Management System (ANMMS)-LAX (S004A)

# **Project Description**

LAWA installed a state of the art Aircraft and Noise Monitoring and Management System (ANMMS) in 1990. The monitors measure noise 24 hours a day, 365 days a year. ANMMS measures airport generated noise in the community, tracks and identifies aircraft within a certain radius of the airport, and is used to help LAWA produce maps showing the noise impact area, as required by the State of California. LAWA continually monitors its ANMMS to ensure the accuracy of noise data and related operations information, and to improve the access to and utilization of the various types of available data.

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

Project Definition is complete.

#### **Design Progress**

Design is 100% complete.

# **Construction Progress**

Construction contract awarded to Lochard Corporation on October 4, 2004.

#### **Budget Status**

This project is anticipated to complete on budget.

#### **Schedule Status**

The system is in final acceptance. Anticipate meeting a July completion.



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

## **Project Description**

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

# **Planning and Programming Status**

Not applicable.

# **Design Progress**

Acoustic Design in progress by Corlett, Skaer & Devoto Architects at LAX. Acoustic Design in progress by Wyle Labs at Van Nuys.

# **Construction Progress**

Various Construction Contracts ongoing.

This component of the Noise Mitigation / Soundproofing Program is 86% complete.

# **Budget Status**

This project is trending to complete on budget.

# **Schedule Status**

This project is on track to be completed in 2012.

## <u>Issues</u>

The City Attorney is handling a claim. The City attorney issued a Tender Letter and the matter is now in the hands of the insurance carrier for contractor.



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

# **Project Description**

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

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

Project Definition is complete.

#### **Design Progress**

Priority I Procurement - Design is 100% complete.

Priority I Site Mods - Design is 100% complete.

Priority II-IV Procurement - Design is 100% complete.

Priority II-IV Site Mods - Design is 65% complete.

Priority II-IV GC MRL Elevators - Design is 32% complete.

# **Construction Progress**

Priority I Procurement - Contract awarded to Kone, Inc. on May 18, 2009 - Procurement is 40% complete.

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

Construction is 29% complete.

Priority II - Procurement - NTP issued to Schindler Elevator Corporation on April 19, 2010. Submittal process is underway.

Priority II-IV Site Mods - No construction contracts awarded.

Priority III-IV GC MRL Elevators - No construction contracts awarded.

#### **Budget Status**

Each active project is on track to finish within the respective project budget.

# **Schedule Status**

For the Priority 1 Units, one unit in T3 and one in T2, and two units in T5 are behind the original schedule. Time impacts are being evaluated. A milestone extension may result.

#### **Issues**

Field conditions varying from as-builts in T2, T3, and T5 have required some design changes that have impacted the installations.



# TBIT RENOVATION ELEMENT - TBIT Interior Improvements and Baggage Screening Facilities (B001A)

#### **Project Description**

This project will renovate the interior public spaces (including the departure lobby; departure concourses; arrival concourses; bus hold room; meeter-greeter area; in-transit lounge; in-bound and outbound baggage system; upgrade the building's paging system, all IT Systems and upgrade the existing elevators, escalators, and moving walks) and construct the North New Large Aircraft Gates. The outbound baggage system will be pursuant to the requirements of the TSA and will include new "matrix" buildings to house the security screening equipment and TSA personnel.

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

Project Definition is complete.

# **Design Progress**

Design is 100% complete.

# **Construction Progress**

Construction contract awarded to Clark/McCarthy Joint Venture September 8, 2006.

Construction was substantially complete on February 7, 2010.

The contract is in close-out phase.

# **Budget Status**

This project is anticipated to complete under budget.

# **Schedule Status**

The closeout phase is forecast to complete by August 2010.



# TBIT RENOVATION ELEMENT - Passenger Boarding Bridges (PBB) Replacements & Extensions (B002A)

## **Project Description**

This project will deliver and install 26 new passenger boarding bridges (PBBs) at LAX, 19 at Tom Bradley International Terminal, 4 at West Remote Boarding Facilities and 3 at Terminal 3. This project also constructs 6 extension PBBs at Ontario Terminals 2 and 4.

# **Planning and Programming Status**

Project Definition is complete.

## **Design Progress**

Design is 100% complete.

# **Construction Progress**

This project is complete.

# **Budget Status**

This project was completed under budget.

# **Schedule Status**

This project is completed.



# PROJECTS IN DEFINITION OVERVIEW

# **User's Guide - Projects in Definition**

This section lists the projects that are in various stages of initiation and definition and are being further developed to ensure a shared understanding of purpose, objective, scope, funding and mandate. Projects in Definition are by their very nature subject to change in scope, schedule and cost as the purpose and objectives are agreed upon and business analyses are conducted.

Estimated Cost - Provides a rough order of magnitude (ROM) estimate of the total project cost. It is anticipated this cost will vary as the project proceeds through the definition phase and the scope is defined and agreed upon.

Estimated Decision Date - Is a forecast date by which the Planning Group and Project Sponsor are ready to present the Project Definition Document to LAWA Executive Management for review and approval.



# PROJECTS IN DEFINITION - Interim Taxiway Safety Improvement Project (ITSIP) (A006B)

#### **Project Description**

The Interim Taxiway Safety Improvement Project (ITSIP) relocates three high-speed exit taxiways between the North Airfield Runways. The relocated taxiways reduce the likelihood and severity of potential runway incursions without significant impacts to runway occupancy and operational efficiency.

## **Planning and Programming Status**

An on-call Aviation Services contract was awarded to URS Corporation on December 7, 2009.

Task No. 1 authorizing project definition, 30% preliminary design and an initial environmental assessment was issued on December 22, 2009.

# **Estimated Cost**

\$70.00 M

## **Estimated Decision Date**

July 2010

## <u>Issues</u>

An EIR is required.



# PROJECTS IN DEFINITION - CTA Security Barriers - Phase 2 (L009A)

# **Project Description**

This project consists of installing permanent bollards at critical locations in the Central Terminal Area (CTA) to mitigate potential vehicular threats.

# **Planning and Programming Status**

Currently in Project Definition.

# **Estimated Cost**

\$2.00 M

#### **Estimated Decision Date**

September 2010

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

The project definition as originally scoped has been completed; however, this project will be incorporated into a pending project definition for the CTA Curbside Enhancement project.



# **PROJECTS IN DEFINITION - Coastal Dunes Improvement Project (L012A)**

# **Project Description**

The scope of this project includes the removal of existing pavement from abandoned streets and sidewalks in the coastal dunes areas north of Sandpiper Street and the subsequent planting of appropriate native vegetation. This project is in accordance with Exhibit A, Item G of the Stipulated Settlement Agreement, dated February 17, 2006.

# **Planning and Programming Status**

Currently in Project Definition.

Preliminary survey work has been completed. Conceptual documents are being prepared.

#### **Estimated Cost**

\$3.00 M

### **Estimated Decision Date**

August 2010

#### Issues

A continued effort will be made to keep the Westchester community, the Coastal Commission and other interested parties up to date with the progress made throughout the project definition process.



# PROJECTS IN DEFINITION - Passenger Boarding Bridges Replacement (T1, T3, T6, Remotes) (T004A)

#### **Project Description**

This project will determine the replacement options of Passenger Boarding Bridges (PBBs) as well as the provision for either new, replacement or upgraded bridge mounted preconditioned air (PCA), aircraft power units (APU), and potable water at various gates in Terminals 1, 3, 6 and the Remotes. Up to 10 PBBs may require complete replacement. The project estimate includes an allowance for civil work required to accommodate a new PBB, such as minor electrical power reconfiguration, footings or foundation modifications, and / or terminal modifications.

## **Planning and Programming Status**

Currently in Project Definition.

#### **Estimated Cost**

\$22.37 M

### **Estimated Decision Date**

July 2011

### <u>Issues</u>

The work under this project is currently being evaluated for incorporation into various future pending terminal improvement projects.



# PROJECTS IN DEFINITION - Fire Life Safety System Replacement (T1) (T006A)

# **Project Description**

This project will enhance the fire life safety system by installing audio annunciation devices, smoke detectors in electrical closets and electrical rooms, smoke detectors in mechanical rooms, strobes in tenant spaces and in the corridors and in the areas with limited visibility, smoke detectors for elevator recall, pull stations in elevator lobbies, and strobes on arrival level. This project will also include relocation of pull stations in compliance with ADA, synchronization of strobes and integration of conveyors into Fire Life Safety System.

## **Planning and Programming Status**

Currently in Project Definition.

#### **Estimated Cost**

\$2.25 M

## **Estimated Decision Date**

August 2010



# PROJECTS IN DEFINITION - Fire Life Safety System Replacement (T2) (T007A)

# **Project Description**

This project will enhance the fire life safety system by installing audio annunciation devices, smoke detectors in electrical closets and electrical rooms, smoke detectors in mechanical rooms, strobes in tenant spaces and in the corridors and in the areas with limited visibility, smoke detectors for elevator recall, pull stations in elevator lobbies, and strobes on arrival level. This project will also include relocation of pull stations in compliance with ADA, synchronization of strobes and integration of conveyors into Fire Life Safety System.

### **Planning and Programming Status**

Currently in Project Definition

#### **Estimated Cost**

\$2.25 M

## **Estimated Decision Date**

August 2010



# **PROJECTS IN DEFINITION - IT Infrastructure Construction (U003A)**

## **Project Description**

The IT Infrastructure Construction Project consists of a number of sub-projects which impact the underlying LAWA IT passive infrastructure including: telecom rooms, duct banks, conduits, and cable and fiber. The IT Infrastructure Construction Project consists of the following:

Phase I: Using the authority from the pending contract awards to En Pointe Technologies, Inc. and General Dynamics Information Technology to provide upgrade services, IMTG will upgrade and expand the existing IT infrastructure at LAX.

Below are some of the proposed IT infrastructure improvements under this phase:

- 1. Upgrade telephone site infrastructure for the Voice-Over-IP System;
- 2. Extend existing south-side fiber backbone for voice and data redundancy;
- 3. Repair damaged underground vaults and pull-boxes;
- 4. Upgrade existing IT equipment rooms at Telecommunications and Airport Police Building;
- 5. Build-out additional IT rooms in Terminals 1, 2, 3, 5 and 6; and
- 6. Provide interim infrastructure upgrades to the existing Administration East/West data centers and install infrastructure for a temporary Performance-Optimized Datacenter (POD).

At the same time, IMTG will seek to award contract to develop a Multi-year/Multi-phase Plan for IT Infrastructure.

Phase II: Using the ITSSS RFP, IMTG will request contract awards to implement a Cable Management System and to provide LAX Underground Duct-bank Survey. Additionally, IMTG will need to develop another RFB/RFP to acquire additional contract authorities for the installation of standard-based structured cabling for Terminals 1, 2, 3, 5 and 6.

Phase III: Future contract authorities and funding will need to be obtained for the installation of a new duct bank to the northern and southern perimeters of LAX, including outdoor distribution enclosures and underground maintenance vaults.

Phase IV: New contract authorities and additional funding will be required to continue the IT room expansions and the installation of a standard-based structured cabling in Terminals 4, 7 and 8.

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

Currently in Project Definition.

# **Estimated Cost**

\$66.30 M

## **Estimated Decision Date**

August 2010



# **PROJECTS IN DEFINITION - IT Infrastructure Construction (U003A)**



# **PROJECTS IN DEFINITION - Wired & Wireless (U004A)**

# **Project Description**

This project consists of a number of sub-projects which makes the data network at LAWA more secured as well as provides more bandwidth & capacity for data, voice, video, and security applications. The Wired & Wireless Networks Project consists of the following:

- 1) Upgrading the data network from the ATM backbone to the Gigabit Ethernet backbone.
- 2) Implementation of a wireless network throughout the campus, including the central terminal area.
- 3) Extending the wired Gigabit Ethernet network into the central terminal area.

### **Planning and Programming Status**

Project Definition is complete.

#### **Estimated Cost**

\$15.81 M

#### **Estimated Decision Date**



# **PROJECTS IN DEFINITION - Voice Over Internet Protocol (U006A)**

# **Project Description**

This project upgrades the phone system and phone sets throughout LAWA to the voice over IP (VOIP) model that features better feature sets and cost savings by leveraging the data network and the use of trunk lines at lower per unit costs. The VOIP phone system migration at LAWA is consistent with the trend in industry.

# **Planning and Programming Status**

Project Definition is complete.

# **Estimated Cost**

\$3.50 M

**Estimated Decision Date** 



# PROJECTS IN DEFINITION - Enhanced Access Control Monitoring System (ACAMS) (U007A)

#### **Project Description**

The Enhanced Access Control Alarm Monitoring System (ACAMS) Project will replace the existing 16-years-old ACAMS System with the new state-of-the-art technologies & enhanced security features to provide better security measures in and around the Airports. The badge reader system will be replaced. The new badge reader system will integrate with the CCTV system. Network equipment will be added to support the new system. The enhanced security features include Identity Management (IDM) and Public Key Infrastructure (PKI).

## **Planning and Programming Status**

Project Definition is complete.

#### **Estimated Cost**

\$14.52 M

**Estimated Decision Date** 



# PROJECTS IN DEFINITION - Electrical Switchboard & Panelboard Replacements (T2, 3, 5, 6, 7,8) (U011A)

#### **Project Description**

This project consists of replacing old and outdated equipment and switchgear in the terminals to comply with the Department of Building and Safety directive. Specifically, this project replaces existing 1960's switchgear, replaces panel boards and distribution boards to code compliance, replaces cloth-type cabling, and upgrades the 1960's Emergency Generator System, where applicable. This project will not increase the electrical capacity within the terminals; but will comply with the Department of Building and Safety directive.

## **Planning and Programming Status**

Currently in Project Definition.

#### **Estimated Cost**

\$54.10 M

## **Estimated Decision Date**

July 2011

### <u>Issues</u>

The work under this project is currently being evaluated for incorporation into various future pending terminal improvement projects.



# PROJECTS IN DEFINITION - CCTV System Enhancement and Expansion (U013A)

# **Project Description**

The CCTV project will upgrade the existing CCTV system with a digital Centralized Video Management System, Video Storage, and Video Analytics. Digital Video Encoders will be specified to enable LAWA to use the existing cameras to end-of-life. Some new digital cameras will be added to improve the camera coverage based on the business rules established by the Stake Holders and approval from Executive Management.

# **Planning and Programming Status**

Project Definition is completed.

#### **Estimated Cost**

\$18.56 M

## **Estimated Decision Date**



# PROJECTS IN DEFINITION - Parking Revenue Control System (VNY) (U015A)

# **Project Description**

This project will replace the existing Parking Control System at the Van Nuys Airport Flyaway Terminal with a state-of-the-art web-based system. The new system includes automated entry and exit lanes that track and accept payment for parking at the facility. This system will be cash-less, meaning that all payments are to be made by either credit or debit cards. Attendant booths will not be required (staff-less) and, as a result, will be removed. This new parking control system will automatically control and monitor vehicle inventory and parking space availability. During emergencies and for exceptional transactions, with the use of remote access, the system has the ability to communicate and view the driver and release the gates.

The current Parking System equipment is 20+ years old and is now obsolete and it is very difficult to find the spare parts and the people with the knowledge and skill-set to repair the equipment and recover the system from failure in a timely manner.

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

Project Definition is complete.

#### **Estimated Cost**

\$0.77 M

# **Estimated Decision Date**

July 2010

#### Issues



# **PROJECTS IN DEFINITION - Network Station (U016A)**

## **Project Description**

This project will establish a new main electrical service facility with associated equipment for LAWA to receive power from Los Angeles Department of Water and Power (LADWP) to be distributed to Bradley West and the Central Utility Plant (CUP). The facility will also receive excess cogeneration power produced by the CUP and distribute to Bradley West reducing the power demand from LADWP.

# **Planning and Programming Status**

Currently in Project Definition.

NTP for Project Definition and 30% design for the Network Station was issued to HNTB in June 2010. Completion of the 30% Design Definition Documents is expected by December 21, 2010.

#### **Estimated Cost**

\$80.00 M

### **Estimated Decision Date**

January 2011

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

Project cost estimate is subject to final site location and facility sizing.



# PROGRAM MASTER SCHEDULE OVERVIEW

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

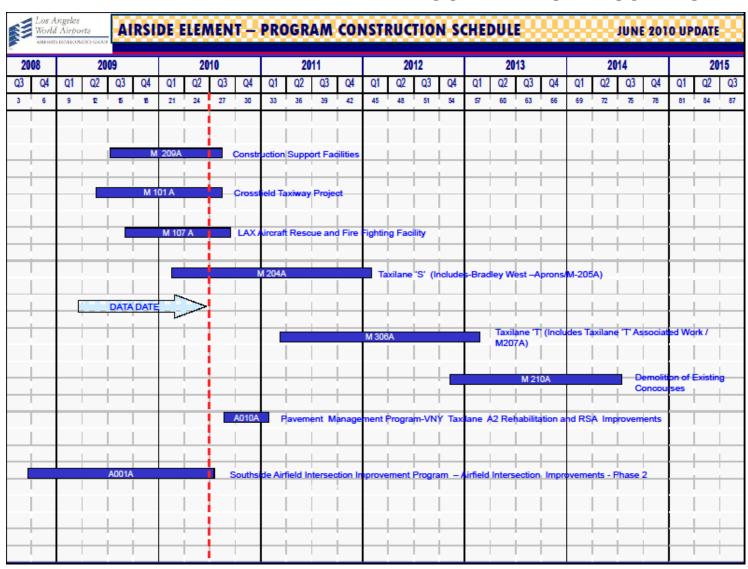
The information provided herein is designed to furnish users of the Airport Development Group (ADG) Program Construction Schedule Report with greater knowledge and a better understanding of the composition of the various components of the schedule report.

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

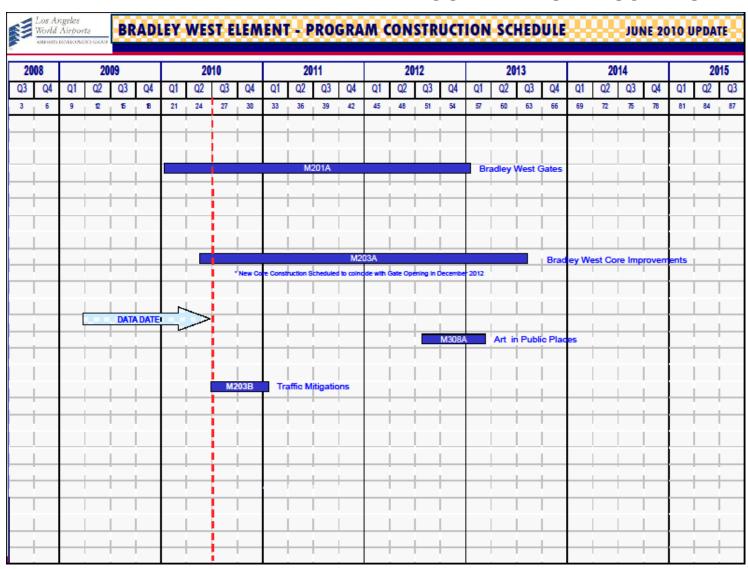
Project Schedule Bar - Is the blue bar which represents the construction phase for each project; with the exception of the Residential / Soundproofing projects which contains planning, design and construction phases.

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

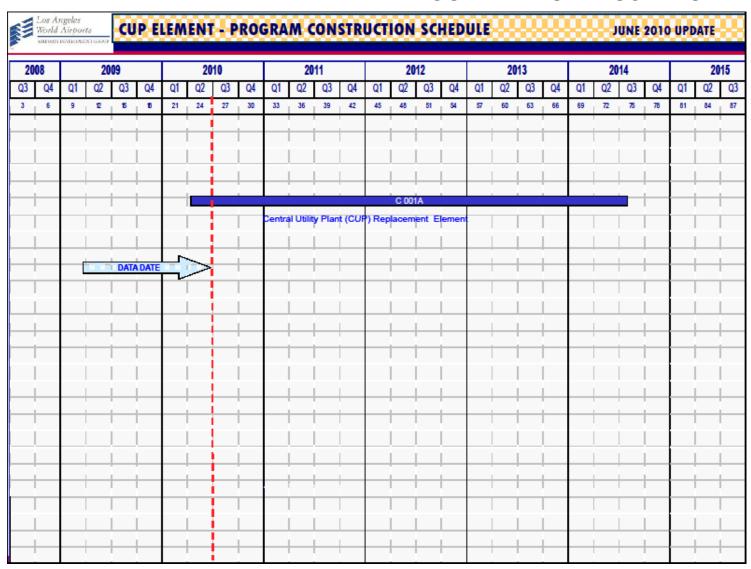




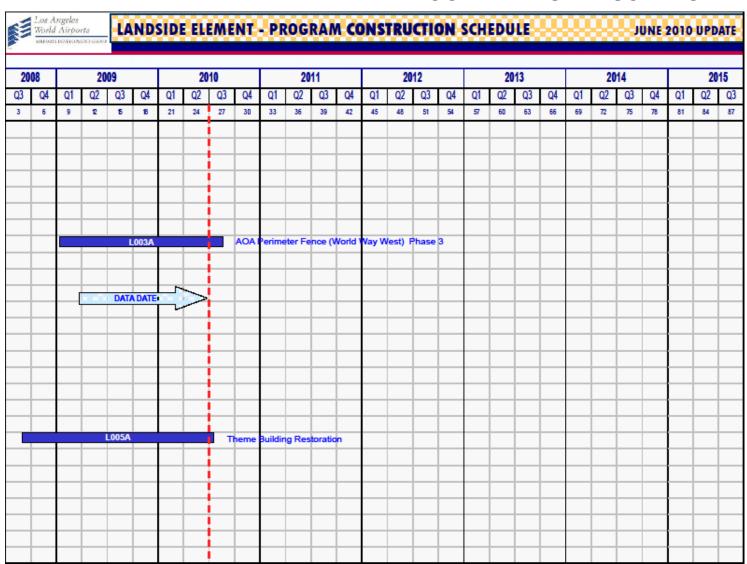




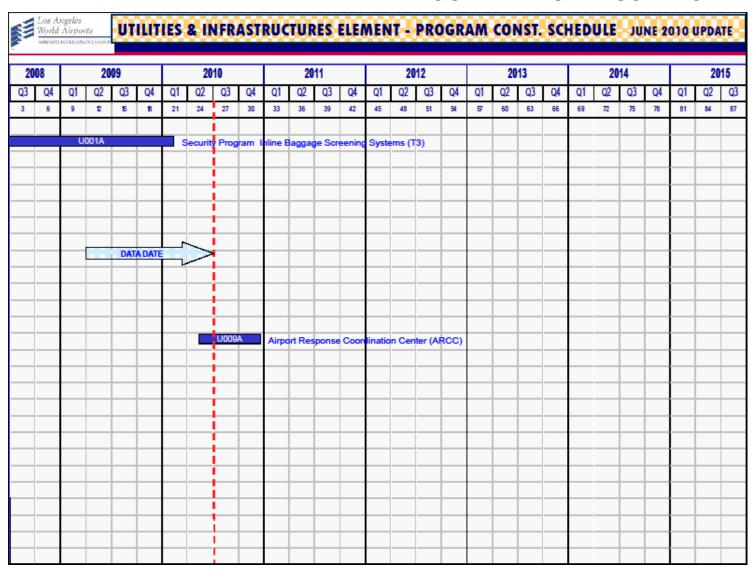




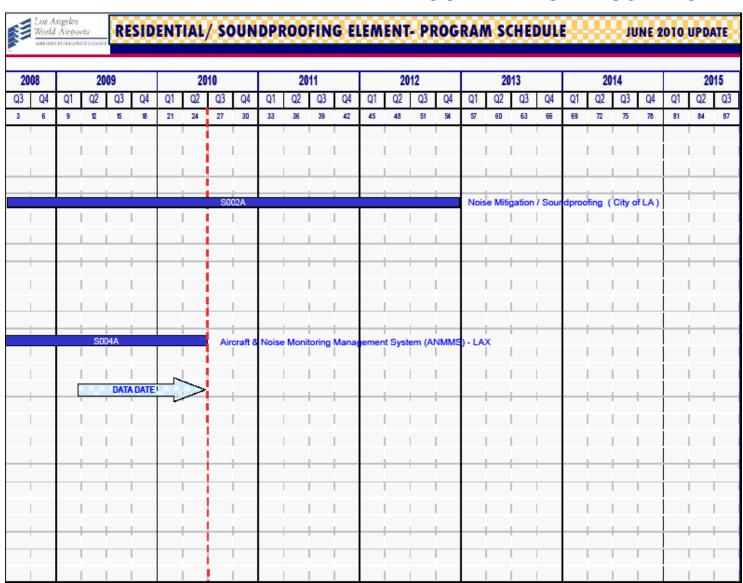




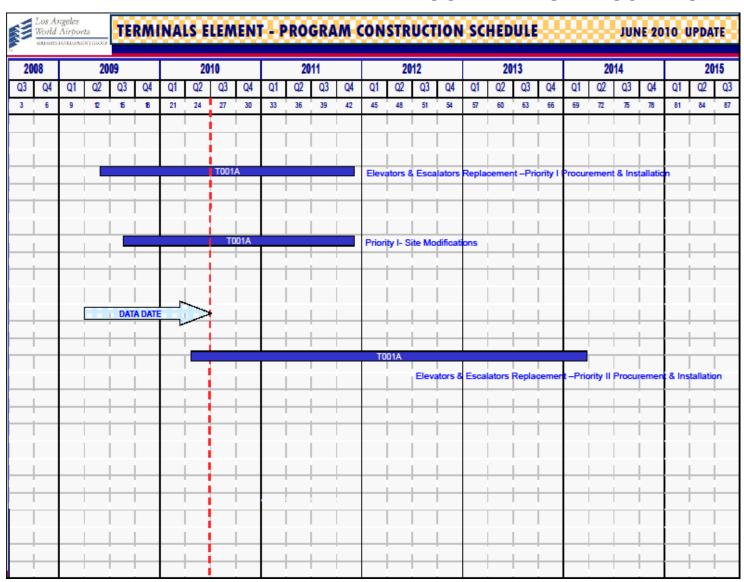




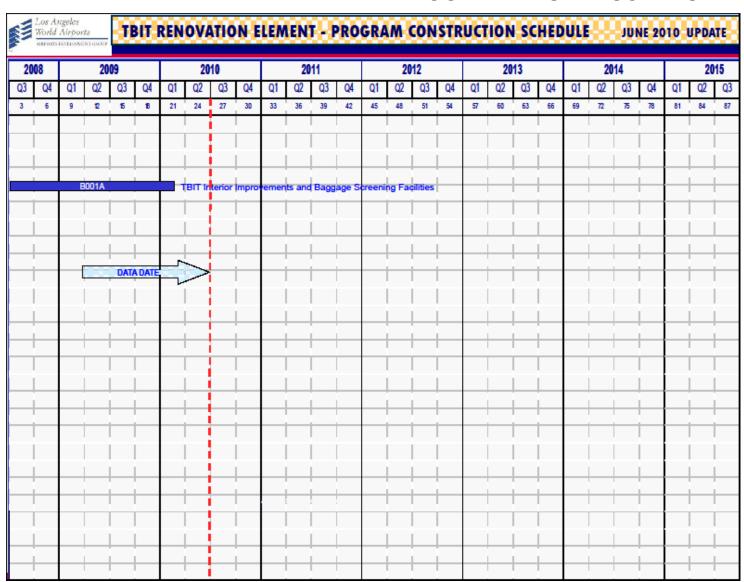














# **BUDGET OVERVIEW**

#### **User's Guide - Budget Reports**

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

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 5/31/2010

		(dollars in	thousands)				
Description	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
Airside Element	652,450	375,128	215,223	619,583	32,865	35%	18%
Bradley West Element	1,543,953	787,318	164,872	1,376,390	167,564	12%	2%
CUP Replacement Element	438,085	48,302	26,260	414,341	23,743	6%	12%
Utilities & Infrastructure Element	174,014	159,870	148,877	166,098	7,917	90%	0%
Landside Element	28,685	27,571	21,466	27,651	1,034	78%	22%
Residential/Soundproofing Element	163,233	144,952	141,573	163,233	163,233 0		0%
Terminal Element	270,000	95,152	24,314	205,170	64,830	12%	0%
TBIT Renovation Element	755,343	746,399	726,053	745,936	9,407	97%	89%
Subtotal	4,025,763	2,384,692	1,468,638	3,718,402	307,360	39%	23%
Unallocated Contingency	316,127	0	0	N/A	N/A	N/A	N/A
Subtotal	4,341,890	2,384,692	1,468,638	N/A	N/A	N/A	N/A
Projects in Definition	355,441	28,386	19,849	N/A	N/A	N/A	N/A
Program Total	4,697,331	2,413,078	1,488,487	N/A	N/A	N/A	N/A

<sup>1.</sup> The current budget and estimate at completion excludes escalation



# AIRSIDE ELEMENT BUDGET REPORT

# as of 5/31/2010

(dollars in thousands)										
Project #	Description	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used		
M209A	Construction Support Facilities	8,425	6,943	5,066	7,396	1,029	68%	51%		
M101A	Crossfield Taxiway Project	141,678	131,534	108,404	141,377	300	77%	60%		
M107A	LAX Aircraft Rescue and Fire Fighting Facility	14,190	11,734	6,629	12,857	1,333	52%	12%		
M205A	Bradley West - Aprons	111,870	25,900	11,371	103,472	8,398	11%	0%		
M204A	Taxilane 'S'	150,918	128,330	21,087	143,614	7,303	15%	1%		
M306A	Taxilane 'T'	96,500	6,244	3,577	89,362	7,138	4%	0%		
M210A	Demolition of Existing Concourses	52,600	1,765	896	47,951	4,649	2%	0%		
M309A	American Airlines Settlement	27,250	22,300	21,980	25,753	1,497	85%	39%		
	Southside Airfield Improvement Program - Airfield Intersection Improvements - Phase 2	41,049	40,378	36,213	40,413	636	90%	68%		
	Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	0	0	7,388	582	0%	0%		
Air	side Element Total	652,450	375,128	215,223	619,583	32,865	35%	18%		

<sup>1.</sup> The current budget and estimate at completion excludes escalation



# **BRADLEY WEST ELEMENT BUDGET REPORT**

# as of 5/31/2010

	(dollars in thousands)											
Project #	Description  Current Committed Incurred to Estimate at Variance Budget to Date Date Completion (Budget-EAC)							% Cont Used				
M201A	Bradley West Gates	742,954	505,184	94,439	672,506	70,448	14%	4%				
M203A	Bradley West Core Improvements	793,164	276,404	70,123	696,272	96,892	10%	0%				
M203B	Construction Traffic Mitigations	2,475	370	310	2,252	224	14%	0%				
M308A	Art In Public Places	5,360	5,360	0	5,360	0	0%	0%				
Bra	adley West Element Total	1,543,953	787,318	164,872	1,376,390	167,564	12%	2%				

#### Notes:



# **CUP REPLACEMENT ELEMENT BUDGET REPORT**

as of 5/31/2010

	(dollars in thousands)											
Project #	Description	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used				
C001A	001A Central Utility Plant		48,302	26,260	414,341	23,743	6%	12%				
CU	CUP Replacement Element Total		48,302	26,260	414,341	23,743	6%	12%				

#### Notes:



# UTILITIES & INFRASTRUCTURE ELEMENT BUDGET REPORT

as of 5/31/2010

	(dollars in thousands)											
Project #	Description	· · · · · · · · · · · · · · · · · · ·			Variance (Budget-EAC)	% Incurred	% Cont Used					
	Security Program In-Line Baggage Screening Systems (T3) North	160,100	150,193	148,069	152,690	7,411	97%	25%				
U009A	Airport Response Coordination Center (ARCC)	13,914	9,677	808	13,408	506	6%	0%				
Uti	Utilities & Infrastructure Element Total		159,870	148,877	166,098	7,917	90%	0%				

#### Notes:



# LANDSIDE ELEMENT BUDGET REPORT

# as of 5/31/2010

	(dollars in thousands)											
Project #	·		Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used					
L003A	AOA Perimeter Fence (World Way West) Phase 3	17,162	16,121	10,609	16,128	1,034	66%	21%				
L005A	Theme Building Restoration	11,523	11,450	10,857	11,523	0	94%	100%				
Laı	Landside Element Total		27,571	21,466	27,651	1,034	78%	22%				

#### Notes:



# RESIDENTIAL/SOUNDPROOFING ELEMENT BUDGET REPORT

as of 5/31/2010

	(dollars in thousands)											
Project #	Description  Current Budget  Committed Incurred to Estimate at Completion				Variance (Budget-EAC)	% Incurred	% Cont Used					
	Aircraft & Noise Monitoring & Management System (ANMMS)-LAX	3,233	3,233	2,810	3,233	0	87%	0%				
S002A	Noise Mitigation/Soundproofing (City of LA)	160,000	141,719	138,763	160,000	0	87%	0%				
Re	Residential/Soundproofing Element Total		144,952	141,573	163,233	0	87%	0%				

#### Notes:



# TERMINAL ELEMENT BUDGET REPORT

# as of 5/31/2010

	(dollars in thousands)										
Project #	Description	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used			
T001A	Elevators and Escalators Replacement	270,000	95,152	24,314	205,170	64,830	12%	0%			
Tei	Terminal Element Total		95,152	24,314	205,170	64,830	12%	0%			

#### Notes:



# TBIT RENOVATION ELEMENT BUDGET REPORT

# as of 5/31/2010

	(dollars in thousands)											
Project #			Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used						
	TBIT Interior Improvements and Baggage Screening Facilities	750,174	741,955	721,943	741,492	8,682	97%	89%				
	Passenger Boarding Bridges (PBB) Replacements & Extensions	5,169	4,444	4,110	4,444	725	92%	0%				
ТВ	TBIT Renovation Element Total		746,399	726,053	745,936	9,407	97%	89%				

#### Notes:



# PROJECTS IN DEFINITION BUDGET REPORT

# as of 5/31/2010

			(dollars in thous	sands)				
Project #	Description	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion	Variance (Budget-EAC)	% Incurred	% Cont Used
A006B	Interim Taxiway Safety Improvement Project (ITSIP)	70,000	1,615	0	N/A	N/A	N/A	N/A
U003A	IT Infrastructure Construction	66,300	6,961	5,766	N/A	N/A	N/A	N/A
U004A	Wired & Wireless	15,808	12,482	8,875	N/A	N/A	N/A	N/A
U006A	Voice Over Internet Protocol	3,521	2,908	2,155	N/A	N/A	N/A	N/A
U007A	Enhanced Access Control Monitoring System (ACAMS)	14,519	2,212	1,564	N/A	N/A	N/A	N/A
U011A	Electrical Switchboard & Panelboard Replacements (T2, 3, 5, 6, 7,8)	54,099	0	0	N/A	N/A	N/A	N/A
U013A	CCTV System Enhancement and Expansion	18,558	2,208	1,489	N/A	N/A	N/A	N/A
U015A	Parking Revenue Control System (VNY)	770	0	0	N/A	N/A	N/A	N/A
U016A	Network Station	80,000	0	0	N/A	N/A	N/A	N/A
L009A	CTA Security Barriers - Phase 2	2,000	0	0	N/A	N/A	N/A	N/A
L012A	Coastal Dunes Improvement Project	3,000	0	0	N/A	N/A	N/A	N/A
T004A	Passenger Boarding Bridges Replacement (T1, T3, T6, Remotes)	22,366	0	0	N/A	N/A	N/A	N/A
T006A	Fire Life Safety System Replacement (T1)	2,250	0	0	N/A	N/A	N/A	N/A
T007A	Fire Life Safety System Replacement (T2)	2,250	0	0	N/A	N/A	N/A	N/A
Pro	ojects in Definition Element Total	355,441	28,386	19,849	N/A	N/A	N/A	N/A

<sup>1.</sup> 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 composition of the various components of the cash flow report.

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

Prior Expended - Represents the sum of all payments made through the end of the previous fiscal year.

FY2010 - Is the forecast expenditure for the Fiscal Year 2010 (1-Jul-09 thru 30-Jun-09).

FY2010 Actual - Represents the sum of all payments made during the Fiscal Year 2010.

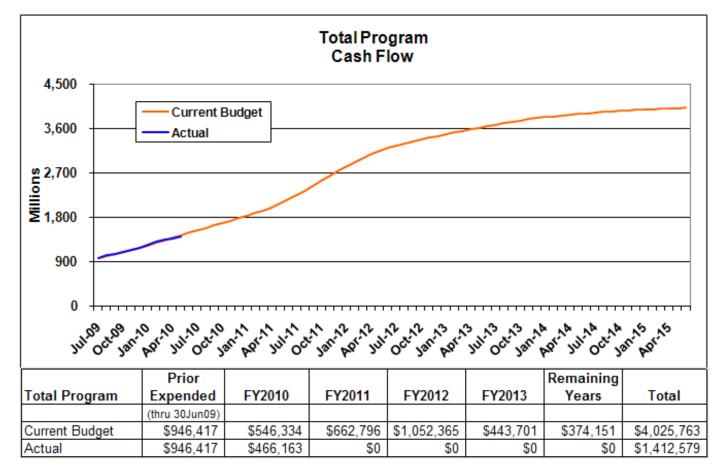
FY2011, FY2012, and FY2013 - Is the forecast expenditure for the Fiscal Years 2011, 2012, and 2013, respectively.

Remaining Years - Represents any expenditure currently forecast beyond FY2013.



# PROGRAM CASH FLOW

#### as of 5/31/2010

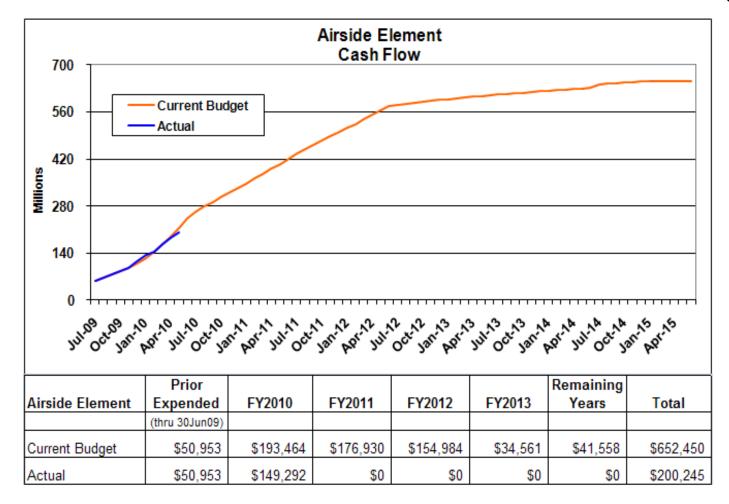


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# AIRSIDE ELEMENT CASH FLOW

## as of 5/31/2010

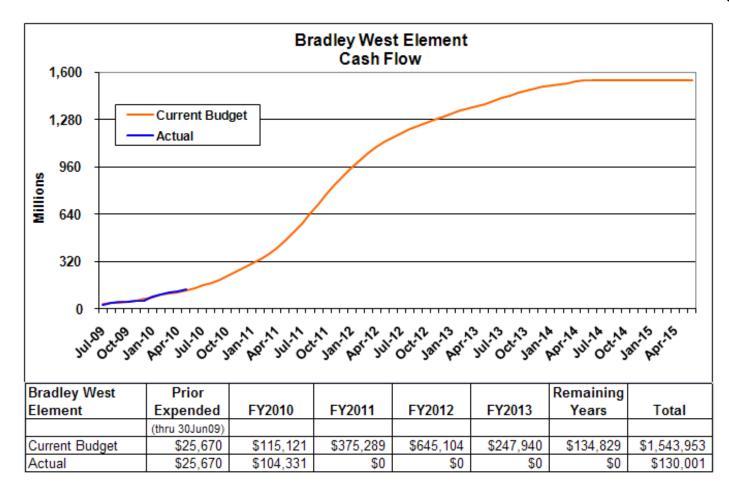


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# **BRADLEY WEST ELEMENT CASH FLOW**

#### as of 5/31/2010

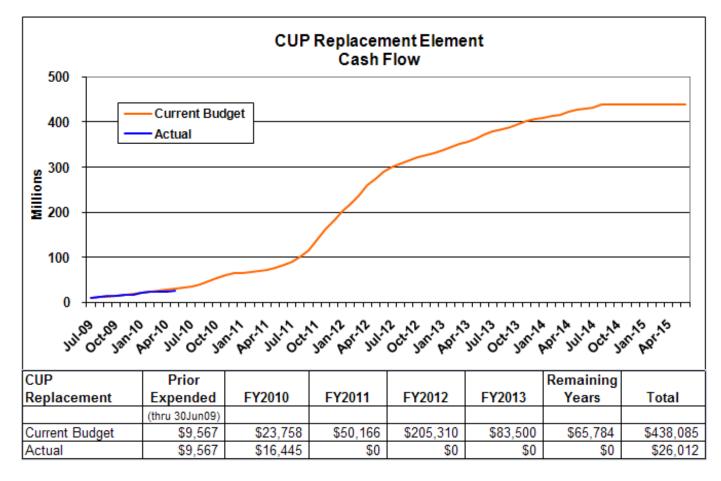


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# **CUP REPLACEMENT CASH FLOW**

# as of 5/31/2010

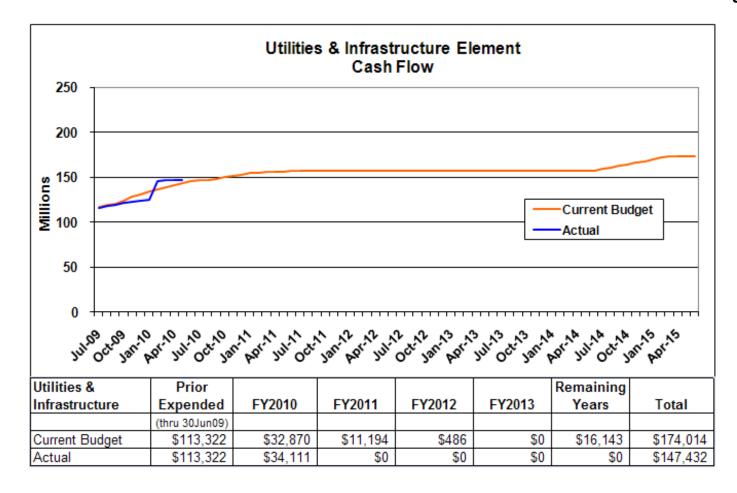


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# **UTILITIES & INFRASTRUCTURE ELEMENT CASH FLOW**

## as of 5/31/2010

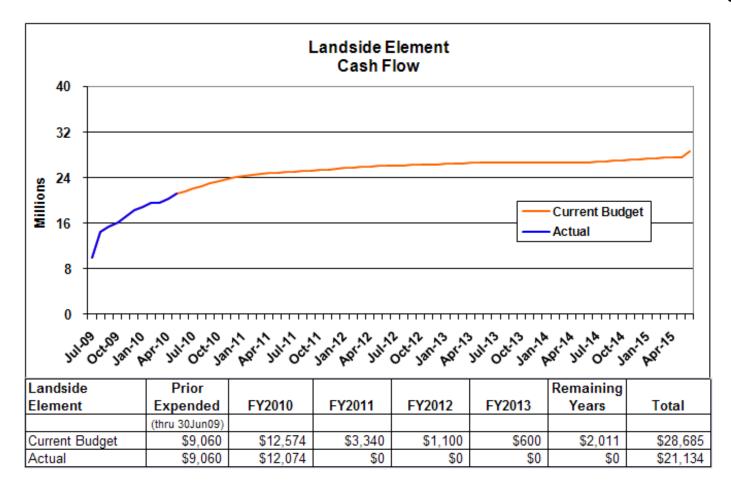


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# LANDSIDE ELEMENT CASH FLOW

# as of 5/31/2010

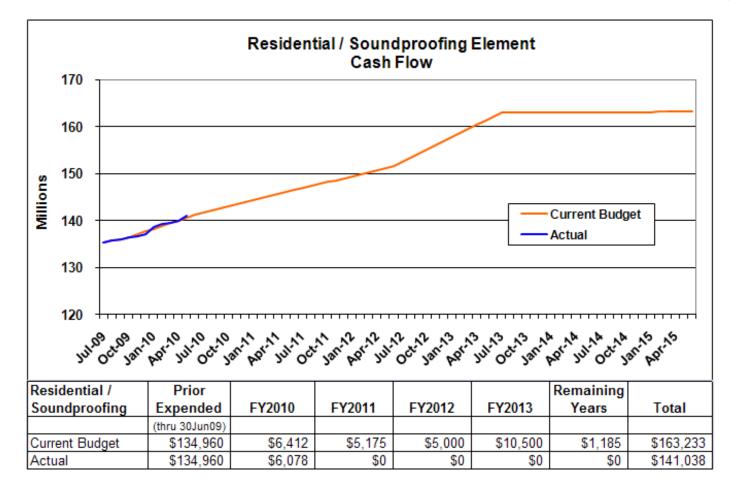


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# RESIDENTIAL/SOUNDPROOFING ELEMENT CASH FLOW

# as of 5/31/2010

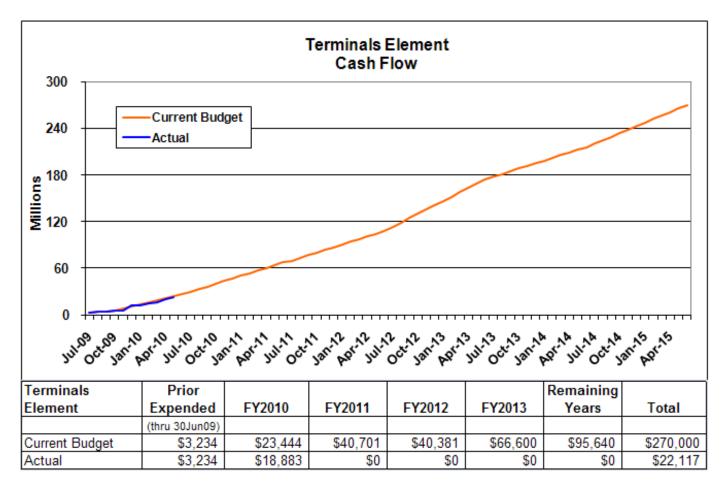


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# TERMINALS ELEMENT CASH FLOW

## as of 5/31/2010

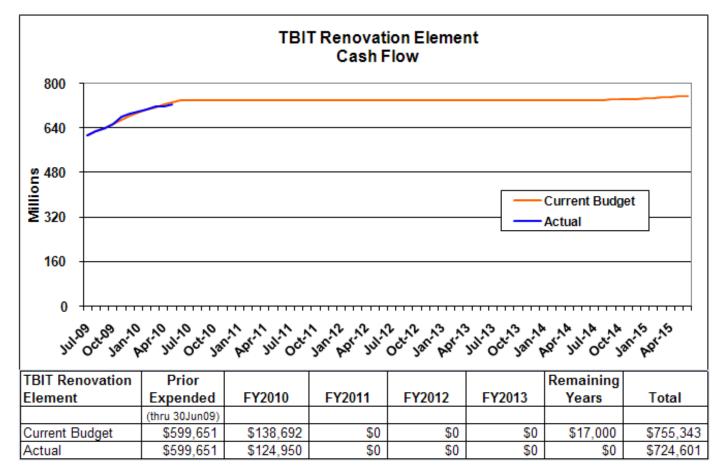


- 1. Unallocated Contingency is not included.
- 2. Escalation is not included.



# TBIT RENOVATION ELEMENT CASH FLOW

## as of 5/31/2010



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



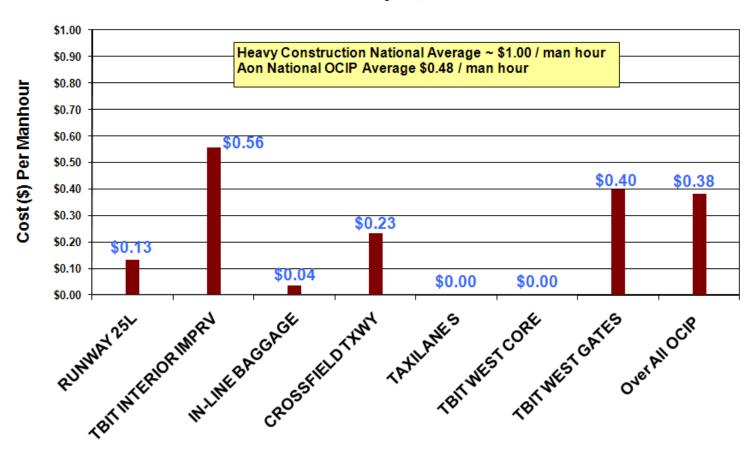
# CHANGE ORDERS as of 6/30/2010

lement						as of 6/30/
Project	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
Airside Ele	ement	<u>,                                     </u>				
M101A - C	ROSSFIELD T	AXIWAY PROJEC	т			
	DA-4331	0027	\$49,567			Electrical Plans - RON Apron & Pump Station, WWW Paving and Elevation Revisions, Electrical Duct Bank Installation
	DA-4331	0028			\$1,437,910	Pump Station DWP Transformer Relocation, 16" Domestic Waterline, Abatement of Jet Fuel Pipe Wrap Containing Asbestos Phase 5, HPV a LPV Pit Adjustments Phase 2A North
Bradley W	est Element					
CUP Repla	cement Elem	ent				
Utilities &	Infrastructure	Element				
U001A - S	ECURITY PRO	GRAM IN-LINE BA	AGGAGE SCREENIN	G SYSTEMS (T3) NO	RTH	
	DA-4188	0001	\$101,554			3-Mo Conditional Acceptance Operational Period / Rigid Metal Conduit Lieu of Electrical Metal Tubing / Additional Costs
	DA-4188	0002	(\$9,860,854)			Reduction of Contract Allowances Based on Executed Task Order Cos Extension of Contract Duration 81 Calendar Days
Landside E	Element					
Residentia	l/Soundproof	ing Element				
Terminal E	Element					
TBIT Reno	vation Eleme	nt				
B001A - T	BIT INTERIOR	IMPROVEMENTS	AND BAGGAGE SC	REENING FACILITIE	S	
	DA-4141	0377	\$34,425			Finish Hardware Gate 121B, Trespa Pattern Change at Arrivals, Temporary Signage
	DA-4141	0378	\$62,838			Provide 24-hour Security Guard, Existing Louvers Doors 1209B, 1101A Fire Watch Atrium February 2010, Post 21 Guard Costs, Temporary Signage July 08 to Dec 08
	DA-4141	0379	\$148,839			Fireproofing Departures, Fire Patching, Fireproof Patching D2
	DA-4141	0380	\$86,993			Additional Work at Arrivals, Signage for LEED Educational



OCIP as of 5/31/2010

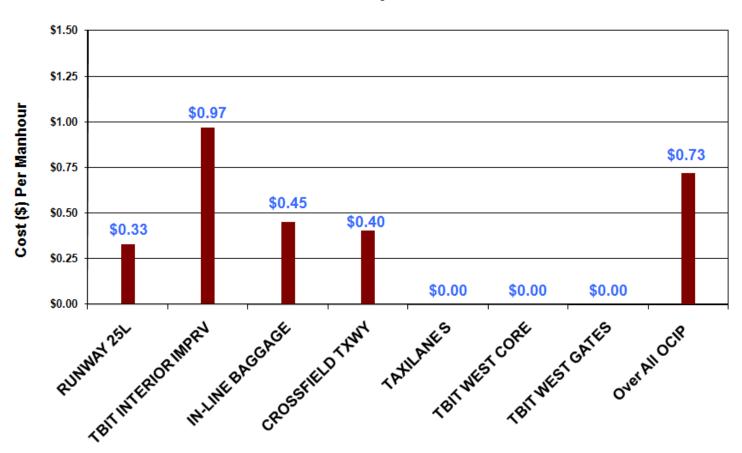
# LAWA OCIP Workers Compensation Loss Performance - as of May 31, 2010 -





OCIP - Continued as of 5/31/2010

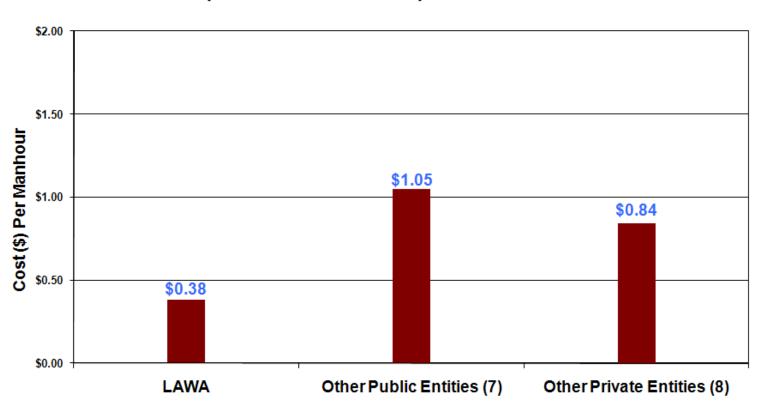
LAWA OCIP General Liability Loss Performance - as of May 31, 2010 -





OCIP - Continued as of 5/31/2010

# Current Large OCIP Projects Comparison of Workers Comp Costs Per Manhour





# MWBE/DBE

# Subcontractor Utilization Summary Report as of 5/31/2010

					Achieved Par	rticip	ation to Da	ate*	
Firm	Contract No.	DBE or M/WBE Contract	Propose Level of		M/WBE		DBE		Remarks
Camp Dresser & McKee	DA-4201A	M/WBE	20.00	%	28.17	%	3.67	%	
DMJM Aviation, Inc.	DA-4260	DBE	12.00	%	N/A	%	18.87	%	
Fentress Architects	DA-4274	DBE	9.30	%	15.63%	%	6.96	%	
Flatiron West, Inc.	DA-4398	DBE	1.00	%	N/A	%	2.80	%	
Griffith Company	DA-4338	M/WBE	6.60	%	N/A	%	N/A	%	Awaiting Contractor Submittal
Hatch Mott MacDonald, LLC	DA-4275	DBE	11.63	%	N/A	%	20.96	%	
Hellmuth, Obata + Kassabaum, Inc.	DA-4313	M/WBE	25.00	%	39.12	%	N/A	%	
Paragon Project Resources, Inc.	DA-4332	M/WBE	16.00	%	5.03	%	N/A	%	
Paslay Management Group	DA-4324	M/WBE	10.00	%	11.65	%	N/A	%	
R & L Brosamer	DA-4331	M/W/DBE	15.40	%	7.78	%	1.43	%	Combined = MBE+WBE+DBE =
Tobo Construction	DA-4354	DBE	0.00	%	17.48	%	0.00	%	
W.E. O'Neil	DA-4371	M/WBE	6.80	%	10.80	%	N/A	%	
Walsh Austin Joint Venture - Construction (Gates)	DA-4337	M/WBE	14.00	%	1.61	%	N/A	%	
Walsh Austin Joint Venture - Pre- Construction (Core)	DA-4382	M/WBE	20.00	%	9.13	%	14.54	%	
Total Participation:	N/A	N/A	N/A		9.22% 7.72%				
Total Combined Participation:	N/A	N/A	N/A		16.94%				

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