

# Airports Development Group

## Executive Management Program Status Report

October 31, 2015



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## Purpose

This report is a tool to provide status of the Capital Projects for the Airports Development Group. The report is divided into Elements; and includes a status update for active projects followed by the schedule, budget and change order summary. The Program Wide tab includes the budget summary and SBE/DBE/MWBE performance report.


## Airside Element

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



## Utilities and Landside Element

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

- 
- The Central Utility Plant (CUP) Replacement project replaced the former CUP, constructed in 1961, and the co-generation facility, brought into service in 1985. These facilities were obsolete and inefficient relative to present-day technology.
  - Other utility and infrastructure projects designed to provide service to or from the CUP.
  - Various landside 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 access, fueling facilities, warehouse and cargo areas, access roads and perimeter fencing.



## Terminal Element

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

- Terminal-wide improvements that typically consist of similar types of work implemented across two or more terminals, such as the Elevator and Escalator Program, the IT/MPOE Room Project, and Americans with Disabilities Act (ADA) Enhancements.
- 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 Program, Terminal 3 Improvement Program, etc.
- The Bradley West 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 support the airport's ability to effectively and efficiently accommodate new large aircraft, such as the Airbus A380 and Boeing 747-8.



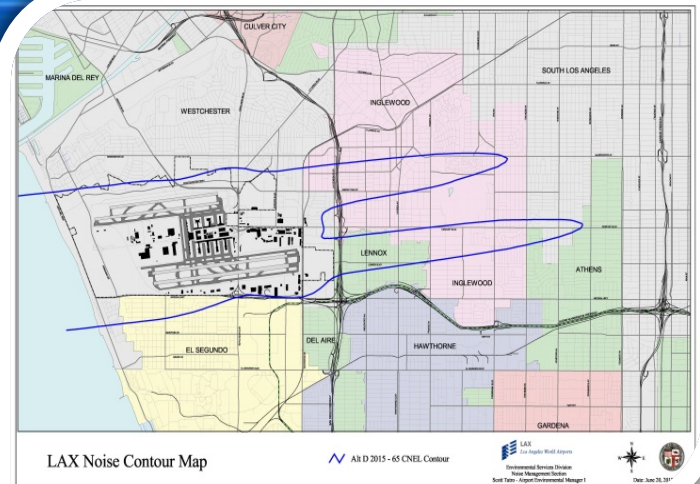


## Tenant Improvements Element

Many terminal improvements are managed directly by the airlines and concession areas. LAWA adopts an oversight role for these improvements, ensuring that these renovations improve or enhance the customer experience and maintain strict safety and security mandates. The Tenant Improvements Element reports these efforts.

## Residential / Soundproofing Element

LAWA's Residential Soundproofing Program (RSP) reduced the noise impacts by retrofitting doors and windows of dwellings near LAX and VNY with sound-rated products. There were approximately 9,400 noise-impacted dwelling units in the City of Los Angeles near LAX and approximately 1,050 units surrounding VNY that were eligible for this program. At this time, LAWA has soundproofed all of the dwellings for those who wanted to participate and the program is closed.



## User's Guide – Project Status Section

The projects reported within each Element are categorized into one of the following two categories.

### Projects in Delivery

Projects in this category have an awarded construction contract and are characterized by a blue-bar. Each project in this category presents the scope of work, a progress narrative, a Budget and Schedule graphic to depict progress and a narrative describing the current status or issues.

### Projects in Development

Projects in this category are in the Design or Bid stage and do not yet have an awarded construction contract. These projects are characterized by a green-bar and each project presents the scope of work and a narrative describing current status or issues. Once a construction contract is awarded, these projects will be transferred from this category into the Projects in Delivery category.

**Project Description**

The narrative provides a summary overview of the project scope.

**Recent Project Achievements**

∅ This section highlights project achievements during the reporting period.

**Project Cost**  
  
Calculated as Incurred divided by Estimate at Complete (EAC), this pie chart depicts the percentage incurred for the expected cost.

**Construction Cost**  
  
Calculated as Incurred divided by Construction Contract value, this pie chart depicts the percentage incurred for the construction contract.

**Construction Duration**  
  
Calculated as Days Elapsed divided by construction contract duration, this pie chart depicts the percentage of contract time elapsed.

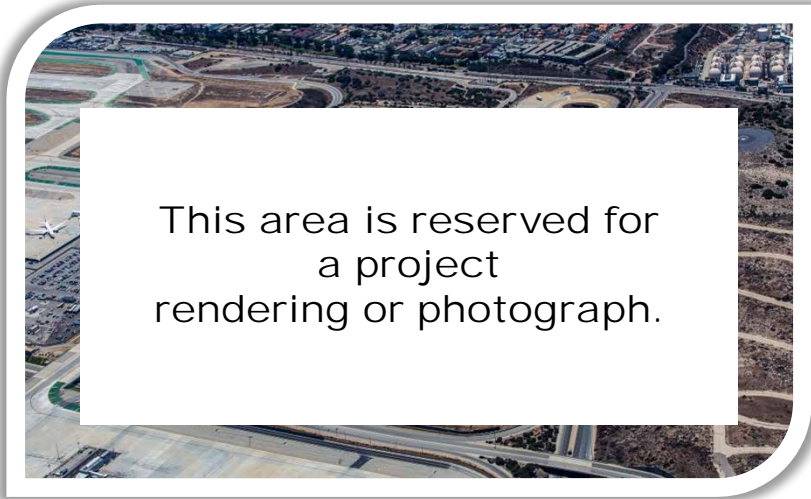
**Contingency**  
  
This pie chart describes the percentage of contingency already allocated, the percentage that is pending allocation and the remaining amount.

**Budget Status**

This section discusses the project's budget performance.

**Schedule Status**

The section discusses the project's schedule performance.



As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<p>This area presents the schedule information for key project milestones and provides a status indicator for whether it is ahead of schedule, behind schedule or on-time.</p>			



Project Description

The project entails the construction of an aircraft maintenance ramp area, new Remain Over Night (RON) apron and associated support facilities, and a taxiway connector. The project will be located at the southeast corner of Pershing Drive and World Way West. The project will include removal and disposal of large stock piles, mass excavation and grading, approximately 142,000 square yards (29.3 acres) of Portland Cement Concrete (PCC), airfield lighting, storm drain systems, utilities, vehicle service road, pavement of asphalt for apron shoulder, Ground Service Equipment (GSE) parking, and a landside parking lot. This project will provide airfield access to the new Qantas Maintenance Hangar and facilities as well as additional RON positions for other airlines.



Recent Project Achievements

- ∅ The contractor completed the installation of storm drain, storm water detention, airfield lighting, low voltage ductbank and the permanent vehicle service road.
- ∅ All concrete placement is complete and the contractor has demobilized the batch plant.

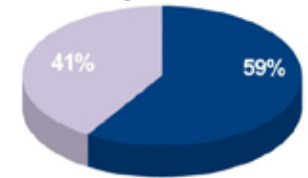
Budget Status

The project is trending to budget and currently has surplus project contingency.

Schedule Status

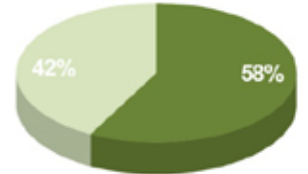
The contractor conducted the final pressure test of the new fire water main line and identified many leaks. The contractor is performing additional testing. This issue may impact the RON completion date.

Project Cost



Cost To Date: \$55.65M  
Cost Remaining: \$38.92M  
Total Cost: \$94.58M

Construction Cost



Incurred Cost: \$36.72M  
Cost Remaining: \$26.71M  
Const. Cost Total: \$63.43M

Construction Duration



Days Elapsed: 439  
Days Remaining: 157  
Days Total: 596

Contingency



Allocated Contingency: (\$0.29M)  
Remaining: \$7.40M  
Total Contingency: \$7.11M

As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>West Aircraft Maintenance Area (WAMA) (Construction)</b>			
WAMA - Construction (Pavement, Utility, Ramps) NTP	Started		0
WAMA - Phase 1: Main Apron and Twy B	●	21-Dec-15	-16
WAMA - Phase 4: East Apron	●	4-Feb-16	0
WAMA - Construction Closeout Complete	●	4-Apr-16	0

● On-Time    ● Behind Schedule    ● Requires Mitigation

# AIRSIDE ELEMENT PROJECTS IN DELIVERY

## Runway 25L Safety Area Improvements and Temporary Repairs

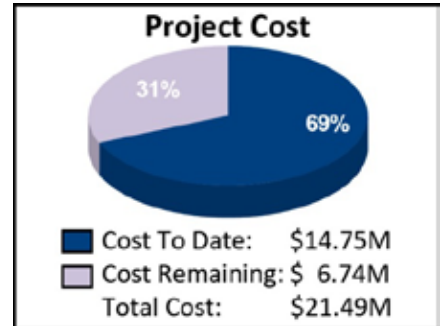
LAX

### Project Description

This project will provide safety improvements to the west end of Runway 25L and temporary runway and taxiway pavement repairs. Additionally, there are improvements to Taxiway C1 which include a Remain-Over-Night (RON) Aircraft Parking Apron and selective grading at the west end of Runway 7L.

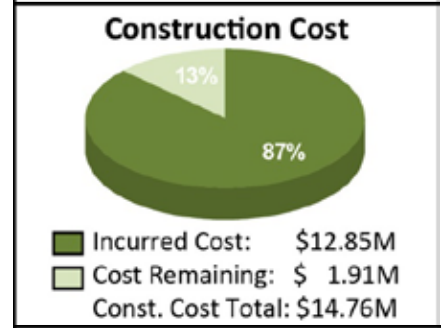
### Recent Project Achievements

- Ø Airfield construction work was completed on time.
- Ø The RON light pole fabrication is complete and site delivery is expected in November 2015.



### Budget Status

The project is trending to budget.

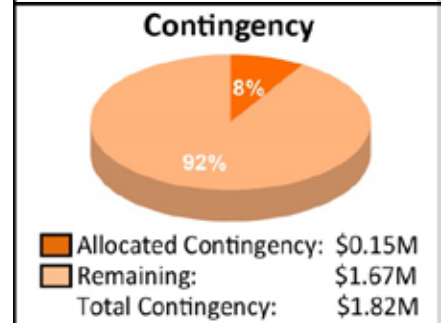


### Schedule Status

The airfield construction work was completed on time. However, the procurement and installation of new lighting and electrical service equipment is impacting the overall completion date.

**Construction Duration**

**Time extension being processed.**



As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Runway 25L RSA and Repair (Construction)</b>			
Runway 25L RSA and Repair - Phase 0B: DWP 3000 Amp Service	●	30-Nov-15	-92
Runway 25L RSA and Repair - Phase 5A: Demobilization	●	30-Nov-15	-92
Runway 25L RSA and Repair - Construction Complete	●	30-Nov-15	-92

● On-Time   ● Behind Schedule   ● Requires Mitigator

### Project Description

This project will provide safety improvements to the northeast area of Runway 6L-24R to meet FAA airport design standards for Runway Safety Areas. This includes grading and drainage improvements of the Argo Ditch and relocation of airport access roads outside of the RSA's of both the northern runways. During the runway closure, this project also replaces Portland Cement Concrete (PCC) panels of 6L-24R and Taxiway AA.

### Recent Project Achievements

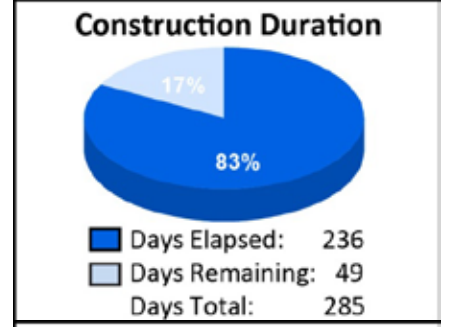
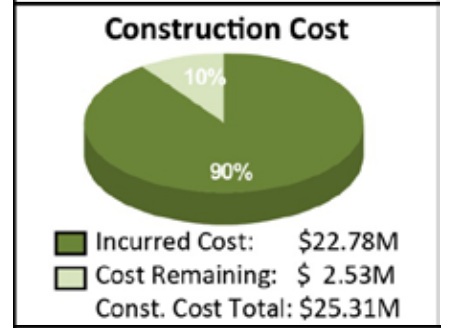
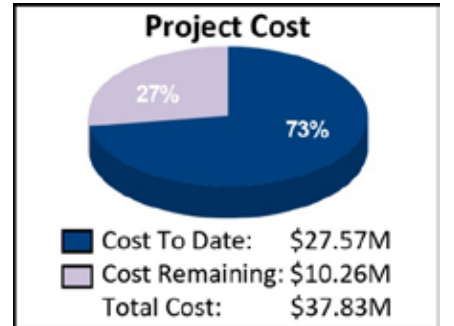
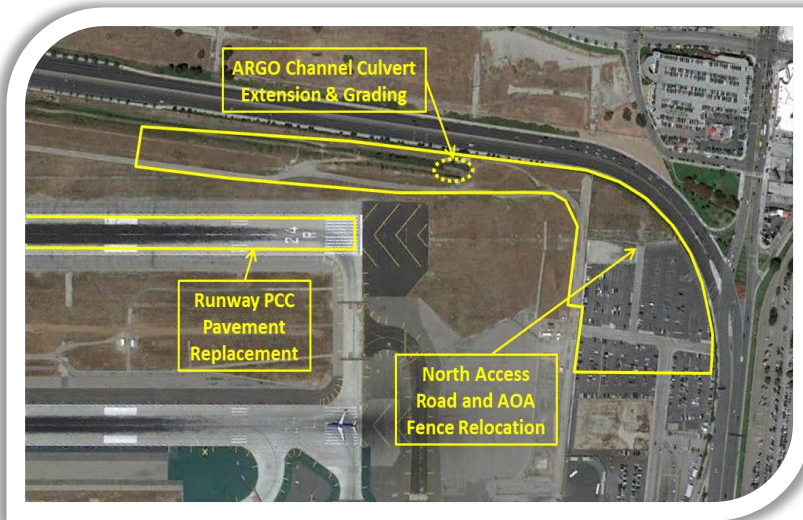
- Runway 6L-24R re-opened on October 5, 2015, two-weeks ahead of schedule.

### Budget Status

The project is trending to budget.

### Schedule Status

The project is tracking to schedule.



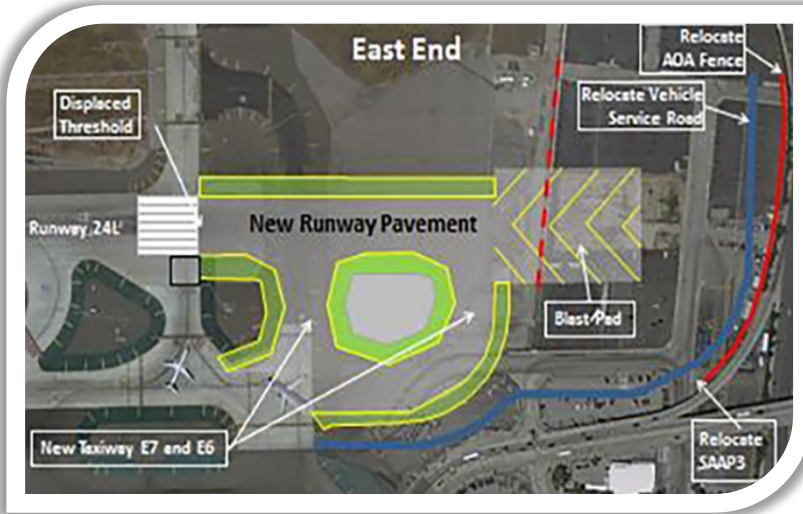
As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Runway 6L-24R RSA (Construction)</b>			
Runway 6L-24R RSA - Phase 6: Close Out	●	5-Dec-15	13
Runway 6L-24R RSA - Construction Complete	●	5-Dec-15	13

● On-Time    ● Behind Schedule    ● Requires Mitigation



Project Description

To comply with the Congressional mandate, portions of both the east and west ends of Runway 6R-24L Runway Safety Area (RSA) must be extended and improved. To maintain current departure length and to meet FAA airport design standards, eastern segments of the airport perimeter fence and service road will be relocated, new taxiway connections will be constructed, and the runway pavement area on the east end will be shifted. The project includes relocation of navigational aids for Runway 6R and work includes extensive phasing requirements to mitigate airfield operational impacts. The west end will include the relocation of the west runway end and the relocation of the displaced threshold. This will require re-striping of those areas along with the realignment of Taxiways E16 and E17.



Recent Project Achievements

- Ø Mobilization of labor and equipment is underway and the contractor is preparing and transmitting critical submittals.

Budget Status

The project is trending to budget.

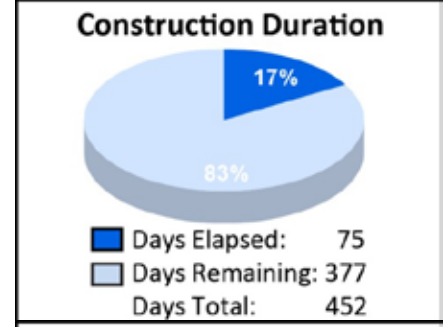
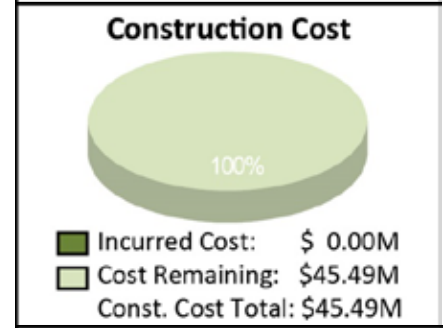
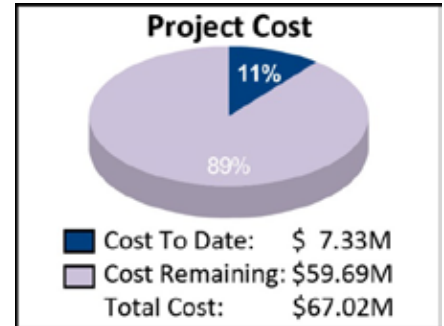
Schedule Status

The project is tracking to schedule.

As of: November 1, 2015

	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Runway 6R-24L RSA (Construction)</b>			
Runway 6R-24L RSA - Phase 0 - Mobilization	●	15-Nov-15	0
Runway 6R-24L RSA - Phase 1 - RWY 6R/24L Closure	●	23-Nov-15	0
Runway 6R-24L RSA - Construction Complete	●	10-Nov-16	0

● On-Time    ● Behind Schedule    ● Requires Mitigator





**Runway 7L-25R Safety Area Improvements and Pavement Rehabilitation** **LAX**

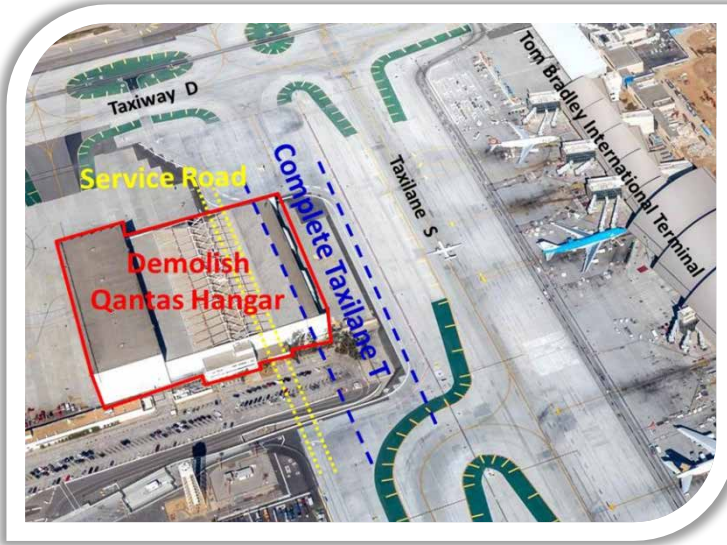
This project will provide safety improvements to the Runway Safety Area (RSA) at the west end of Runway 25R-7L to meet the latest FAA design standards. The west end of the runway will provide the full 1,000 feet clearance for the RSA. The project will also replace deteriorated concrete pavement at the east end of Runway 25R-7L.

**Taxiway S&W Intersection Evaluation and Repair** **ONT**

The goal of this project is to repair the deteriorating pavement at the intersection of Taxiway S and W to reduce signs of spalling and potential debris on the airfield. The scope of work includes complete removal and replacement of existing PCC pavement including PCC panels, underlying base course and subgrade, and the centerline taxiway lights.







## Taxilane T-Phase 2

LAX

The Taxilane T-Phase 2 work includes demolition of the existing Qantas-occupied maintenance hangar, completion of the remaining northern Taxilane portion, and utility work to achieve continuous alignment of the new Taxilane. The budget for this work is already approved and included within the Taxilane T program.

(dollars in thousands)							
Status	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
<b>Capital Budget 1</b>							
Close-out	Taxilane 'S'	174,980	163,495	156,923	156,893	162,530	964
Close-out	Taxilane 'T'	96,500	136,329	72,364	71,507	131,646	4,684
Closed	Construction Support Facilities	14,790	0	0	0	0	0
Closed	Associated Projects	1,340	2,330	2,330	2,330	2,330	0
Closed	Crossfield Taxiway Project	177,760	137,931	137,931	137,931	137,931	0
Closed	LAX Aircraft Rescue and Fire Fighting Facility	14,190	14,155	14,155	14,155	14,155	0
Closed	American Airlines Settlement	27,250	21,428	21,428	21,428	21,428	0
	<b>Subtotal: Capital Budget 1</b>	<b>506,810</b>	<b>475,668</b>	<b>405,131</b>	<b>404,244</b>	<b>470,020</b>	<b>5,648</b>
<b>Capital Budget 2</b>							
Close-out	ONT Runway 8L/26R RSA Improvement	4,467	4,770	4,112	4,112	4,112	658
Close-out	VNY Runway 16R Rehabilitation	20,483	19,483	17,765	17,765	17,765	1,718
Closed	Taxilane D-10 Reconstruction	9,062	7,456	7,456	7,456	7,456	0
Closed	AOA Perimeter Fence - Phase 4	6,506	4,722	4,722	4,722	4,722	0
Close-out	Pavement Management Program - VNY Taxilane A2 Rehabilitation and RSA Improvements	7,970	5,065	5,065	5,065	5,457	(391)
Closed	Pavement Management Program - VNY Taxilane A2 Rehabilitation - Phase 2	2,933	2,521	2,521	2,521	2,521	0
	<b>Subtotal: Capital Budget 2</b>	<b>51,421</b>	<b>44,017</b>	<b>41,641</b>	<b>41,641</b>	<b>42,033</b>	<b>1,985</b>

Notes: 1. The Baseline Budget and Current Budget will change as scope is approved by the Board of Airport Commissioners and moves from Development to Delivery.  
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.

(dollars in thousands)							
Project #	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
<b>Capital Budget 3</b>							
Active	West Aircraft Maintenance Area	100,654	100,654	84,418	55,654	94,577	6,077
Active	Runway 25L Safety Area Improvements and Temporary Repairs	23,745	23,745	17,316	14,755	21,491	2,254
Active	Runway 6L-24R RSA Improvements and Rehabilitation	40,371	40,371	32,744	27,569	37,833	2,538
Active	Runway 6R-24L Safety Area Improvements	72,324	72,324	56,218	7,326	67,015	5,309
<b>Subtotal: Capital Budget 3</b>		<b>237,094</b>	<b>237,094</b>	<b>190,696</b>	<b>105,304</b>	<b>220,916</b>	<b>16,178</b>
<b>Airside Element: Total</b>		<b>795,325</b>	<b>756,779</b>	<b>637,468</b>	<b>551,189</b>	<b>732,969</b>	<b>23,811</b>

Notes: 1. The Baseline Budget and Current Budget will change as scope is approved by the Board of Airport Commissioners and moves from Development to Delivery.  
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.

(dollars in thousands)							
Status	Description	Estimate	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
	<b>Projects in Development</b>						
	Runway 7L-25R Safety Area Improvements and Pavement Rehabilitation	139,600	TBD	11,162	10,331	TBD	TBD
	ONT Taxiway S & W Intersection Evaluation and Repair	6,200	TBD	4	4	TBD	TBD
	<b>Airside Element: Projects in Development</b>						
		<b>145,800</b>	<b>TBD</b>	<b>11,166</b>	<b>10,335</b>	<b>TBD</b>	<b>TBD</b>

- Notes: 1. The Estimate Column provides an overall order-of-magnitude forecast of the total project cost. It is for planning purposes only and will vary as the scope is refined and the design is progressed. A project will move into the Element and a budget will be established when the Board of Airport Commissioners (BOAC) approves the scope.
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.

Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Airside Element</b>						
<b>DA-4925 - WEST AIRCRAFT MAINTENANCE AREA PROJECT</b>						
10/26/2015	DA-4925	0010	\$92,500			FAA Handholes



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. This contractor is concurrently performing the New Face of the CTA – Phase 2 project.

Recent Project Achievements

- Ø All hinge bearing pad replacements are complete.
- Ø New roadway deck drains are complete.
- Ø The upper-level concrete overlay work is underway.

Budget Status

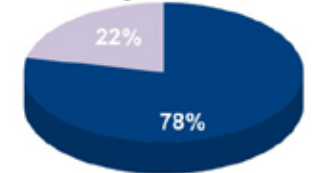
The project is trending to budget and currently has surplus project contingency.

Schedule Status

The roadway repair and replacement work is tracking to schedule. The upper-level concrete overlay work commenced in September 2015 and is proceeding on schedule.



Project Cost



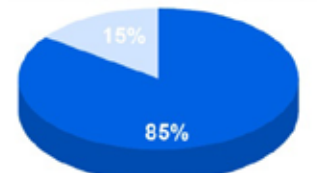
Cost To Date: \$25.81M  
Cost Remaining: \$ 7.11M  
Total Cost: \$32.92M

Construction Cost



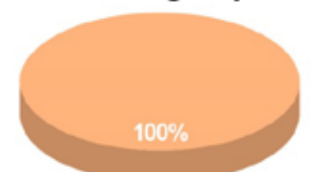
Incurred Cost: \$18.11M  
Cost Remaining: \$ 4.48M  
Const. Cost Total: \$22.59M

Construction Duration



Days Elapsed: 620  
Days Remaining: 110  
Days Total: 730

Contingency



Allocated Contingency: (\$0.90M)  
Remaining: \$3.18M  
Total Contingency: \$2.28M

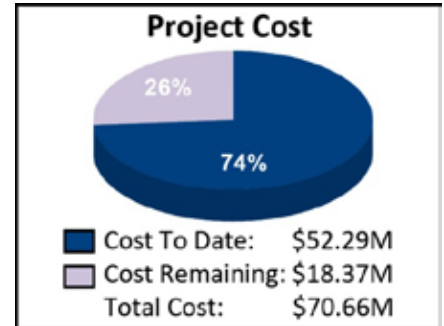
As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>2nd Level Roadway (Construction)</b>			
2nd Level Roadway - Joint & Deck Repair - Substantial Completion	●	5-Feb-16	12
	● On-Time   ● Behind Schedule   ● Requires Mitigation		

Project Description

This project implements various improvements that will dramatically enhance the passenger experience. The improvements are focused upon the upper level roadway within the Central Terminal Area (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. This contractor is concurrently performing the Second Level Roadway Expansion Joint and Deck repairs project.

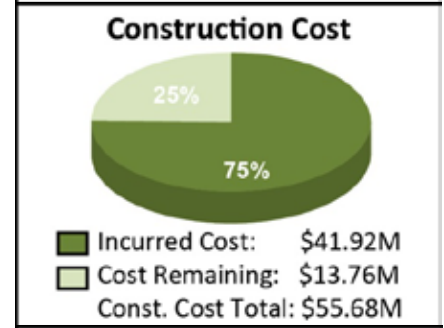
Recent Project Achievements

- Ø The light poles and light-band construction is substantially complete and punch-list activities are underway.



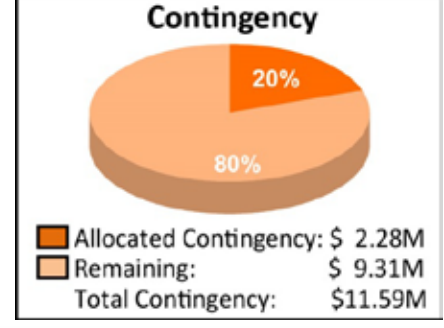
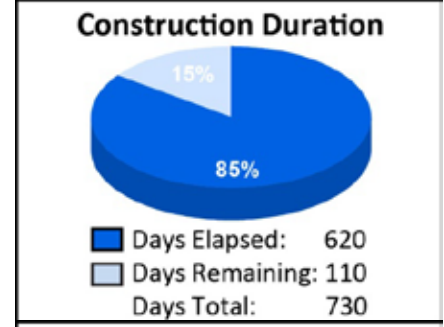
Budget Status

The project is trending to budget.



Schedule Status

The canopy construction work is trending behind schedule and following a series of coordination meetings with the contractor and airline stakeholders, it is unlikely the delay can be mitigated. The stakeholders expressed a desire to maintain the departure level drop-off space and have acknowledged the resultant schedule delay of that decision.



As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>New Face CTA (Construction)</b>			
NFCTA - Phase II - Canopy Construction - Substantial Completion	●	12-Apr-16	-55

● On-Time    ● Behind Schedule    ● Requires Mitigator

Project Description

This project helps to fulfill a requirement of the Settlement Agreement for the LAX Master Plan. The project provides the site improvements needed to establish a new FlyAway site near the Woodley Avenue/Victory Boulevard transit stop along the Orange Line Bus Bay. This new FlyAway site provides a connection to transit patrons along the Orange Line in the San Fernando Valley who would no longer need to drive to the Van Nuys FlyAway terminal to reach a bus connection to LAX. The existing FlyAway buses serving the Van Nuys terminal will be used to serve this new FlyAway site.



Recent Project Achievements

- Right of way negotiations between LAWA and the US Army Corp of Engineers were successfully concluded in August 2015, and construction commenced in September 2015.

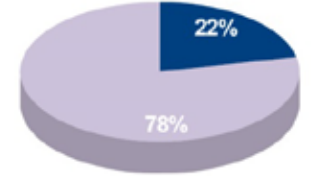
Budget Status

The project is trending to budget.

Schedule Status

The project is trending ahead of schedule.

Project Cost



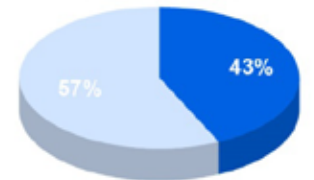
Cost To Date: \$0.22M  
Cost Remaining: \$0.79M  
Total Cost: \$1.01M

Construction Cost



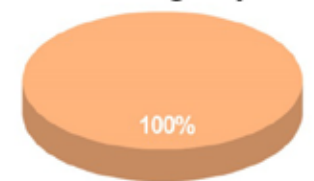
Incurring Cost: \$0.00M  
Cost Remaining: \$0.20M  
Const. Cost Total: \$0.20M

Construction Duration



Days Elapsed: 44  
Days Remaining: 58  
Days Total: 102

Contingency



Allocated Contingency: \$0.00M  
Remaining: \$0.05M  
Total Contingency: \$0.05M

As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
Orange Line Bus Bay (Construction)			
Orange Line FlyAway Bus Bay - Substantial Completion	○	27-Dec-15	

○ Target Milestone   ● On-Time   ● Behind Schedule   ● Requires Mitigation



### 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 install 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 including: 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 water line to Sepulveda; and the extension of a 16-inch domestic water line to Sepulveda.



### Recent Project Achievements

- Ø The installation for the entire scope is complete, including the DWP 2x6 power, the LAWA 2x8 power and the LAWA 4x4 communication ductbanks and the domestic and fire water piping.
- Ø Installation of a new section of 12-inch domestic water under the T-4 Connector project is underway.

### Budget Status

The project is trending to budget.

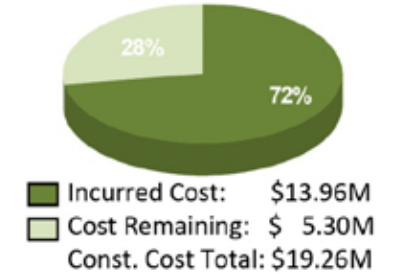
### Schedule Status

The project is trending on schedule.

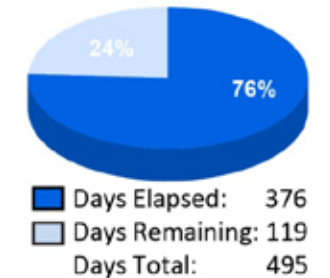
### Project Cost



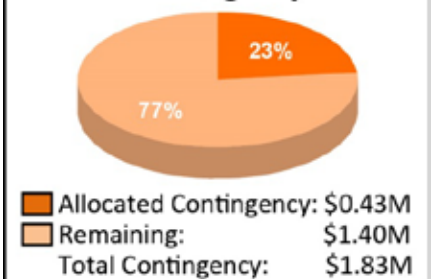
### Construction Cost



### Construction Duration



### Contingency



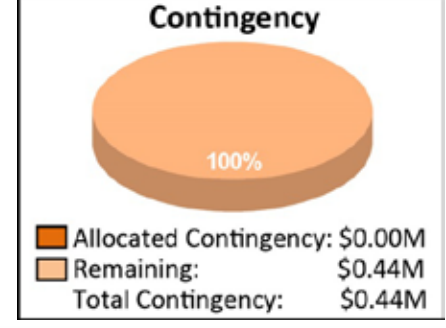
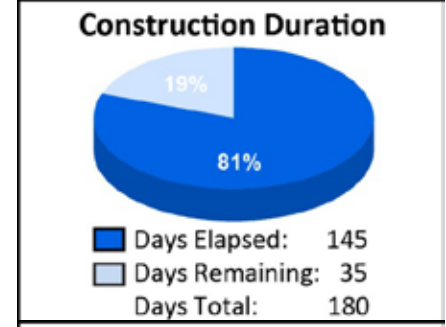
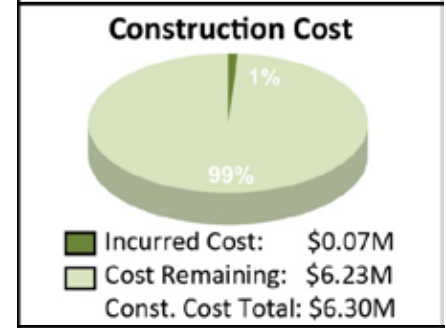
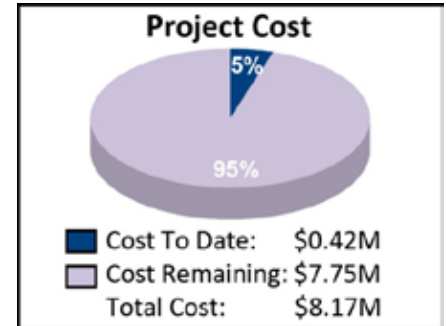
As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Fifth Feeder (Construction)</b>			
Fifth Feeder - Milestone 3a T4 Jack/Bore - Substantial Completion	●	26-Feb-16	0
	● On-Time   ● Behind Schedule   ● Requires Mitigator		

Project Description

This project will relocate the existing Taxicab Holding Lot out of the Runway 6R/24L Runway Safety Area and Object Free Area to a LAWA-owned lot two blocks east of Sepulveda Blvd and one block north of Century Boulevard.

Recent Project Achievements

- Office trailers were delivered and set on foundations and underground utility installation is nearing completion.

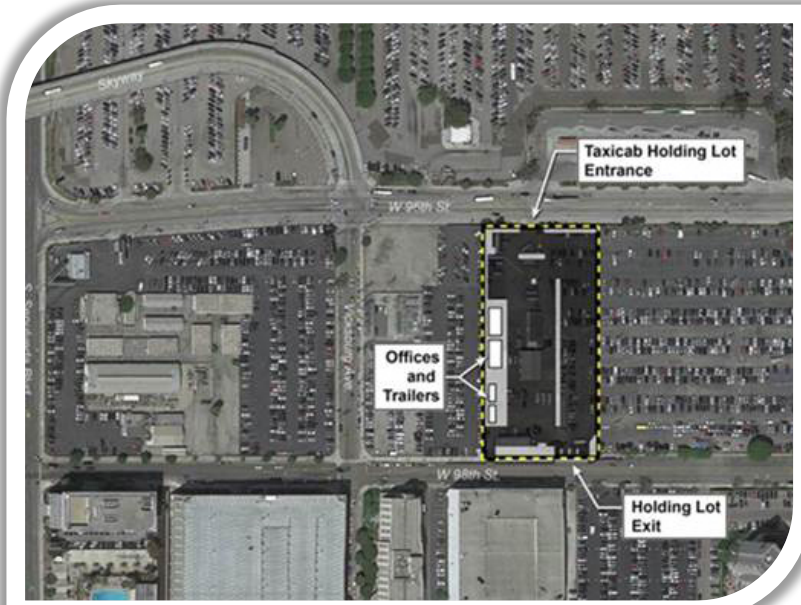


Budget Status

The project is trending to budget.

Schedule Status

The project is trending behind schedule and the project team is working to mitigate the impact.



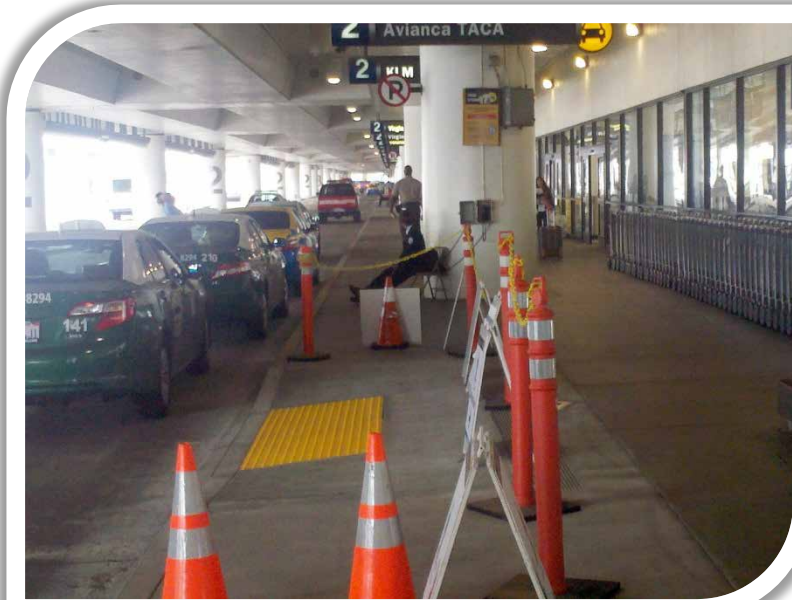
As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Taxi Holding Lot (Construction)</b>			
Taxi Holding Lot - Construction Complete	○	4-Dec-15	

○ Target Milestone   ● On-Time   ● Behind Schedule   ● Requires Mitigation



Project Description

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



Recent Project Achievements

- ∅ The Group 1, 5, 6 and 7 improvements are complete.
- ∅ Notice to Proceed (NTP) for Groups 2, 3, and 4 was issued in September 2015.

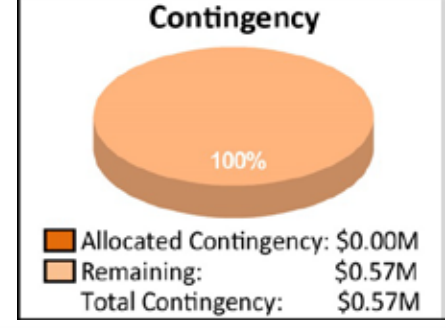
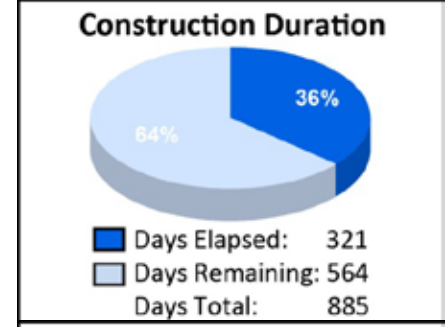
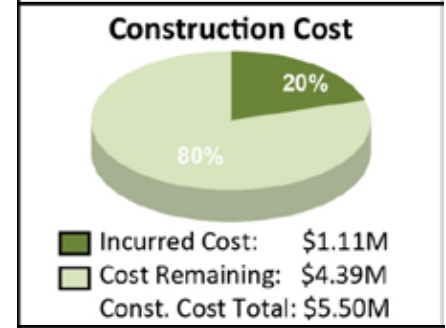
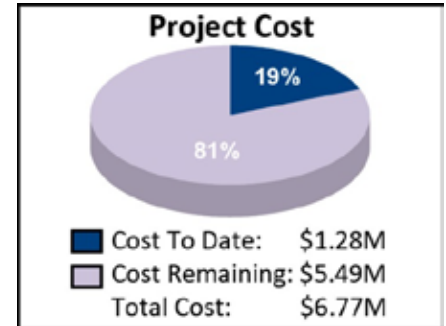
Budget Status

The project is trending to budget.

Schedule Status

The project is tracking to schedule.

LAX



As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>ADA Phase II (Construction)</b>			
Landside Accessibility Improve Phs-2 - Substantial Completion (GSD Delivery)	○	16-May-17	

○ Target Milestone   ● On-Time   ● Behind Schedule   ● Requires Mitigation



### CTA Departure Level Security Bollards

LAX

The purpose of this project is to provide additional passenger safety and security on the upper level of the Central Terminal Area (CTA) by installing security bollards at various locations in front of the passenger terminals. In addition, this project will evaluate several bollard design options to determine which design option will offer the maximum amount of safety and security while providing an option that is cost effective and less hindering on pedestrian circulation.

### Imperial Cargo Complex Water Main Replacement

LAX

This project provides a 12-inch, high pressure C900 polymerized vinyl chloride (PVC) pipe to replace 5,400-linear feet of existing water line system at the Imperial Cargo Complex. The existing valves and lateral connections will also be replaced. This work will occur along the perimeter of the cargo complex apron area and along a stretch of length on Douglas Street. Pavement replacement is recommended on the south side of the cargo complex.





## Construction Access Gates Post 21, 23 and 236

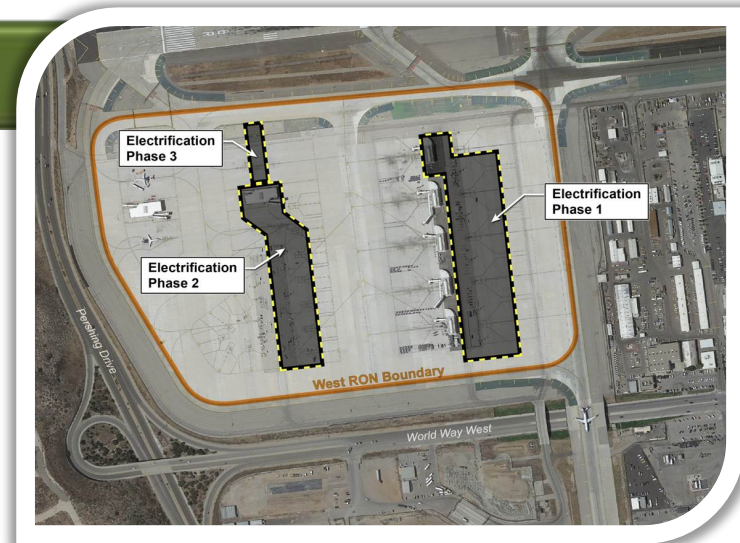
LAX

This project provides improved and expanded queueing space to accommodate increasing construction traffic at three Air Operations Area (AOA) Construction Posts.

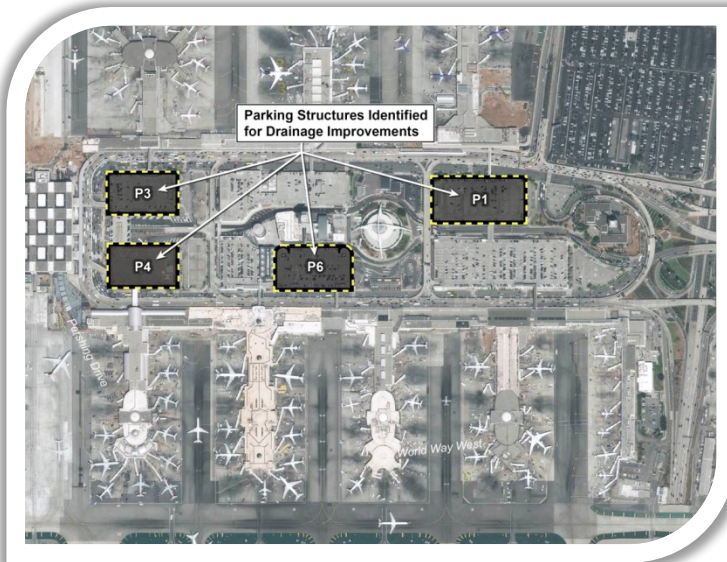
## West RON Electrification Project

LAX

This project provides infrastructure sufficient to electrify Remain Over Night (RON) West aircraft parking positions by installing 400 HZ Ground Power Units (GPU) and future installation of electrical battery charging stations which would result in substantial emissions reductions. This phase provides the electrical infrastructure and equipment to support implementation of nine 400 HZ fixed GPUs and infrastructure to support seven future electric battery charging stations.







## Drainage & Expansion Joint Seal Improvements for Parking Structures 1, 3, 4 & 6

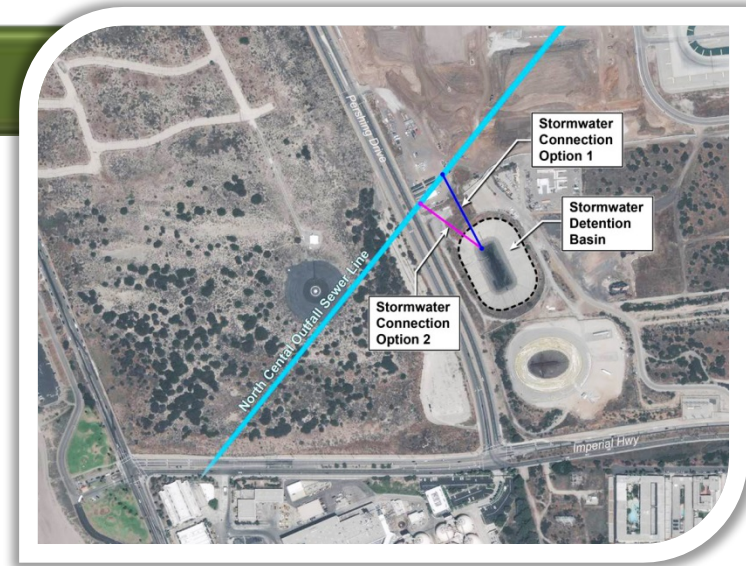
LAX

This project will repair and/or replace the expansion joint seals and drainage systems within Parking Structures 1, 3, 4 and 6 at LAX to prevent future leaking through the deck slabs and ponding of water on the surfaces. The scope of work includes replacing expansion joint seals and covers, replacing drainage piping, making improvements to the garage decks to correct surface drainage, and sealing the upper decks of the parking structures.

## Storm Water Connection to North Central Outfall Sewer (NCOS)

LAX

This project will capture the storm water flow in LAX's central/southwest area known as the Imperial Watershed and meet the requirements set forth in the Memorandum of Understanding between Los Angeles World Airports (LAWA) and the Los Angeles Bureau of Sanitation (LA SAN). The scope of work includes a new connection from the LAX Pershing/Imperial Detention Basin to the NCOS Interceptor.





### VNY FlyAway ADA Phase 1

VNY

This project will implement improvements to the VNY FlyAway terminal facility and bring it into compliance with American with Disabilities Act (ADA) regulations.

### Lot C Bus Terminal ADA Upgrade

LAX

This project will replace dilapidated bus shelters and install new bus shelters at shuttle stop locations within public parking Lot C. Additional scope includes procurement and installation of a separate shelter between Terminals 1 and 2 on the Departures Level of the Central Terminal Area (CTA). One salvaged shelter from Lot C will also be installed adjacent to the existing shelter at the Employee South Bus Stop.





## Building Roof Replacement Program - Phase II

LAX

This project will replace the roofs of six landside buildings: the First Flight Child Development Center and the Air France, Air Canada, Lufthansa, Qantas and Swissport air cargo buildings.



(dollars in thousands)							
Status	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
<b>Capital Budget 1</b>							
<b>Central Utility Plant Program</b>							
Close-out	Central Utility Plant	423,835	406,121	391,727	383,679	396,168	9,953
<b>Subtotal: Central Utility Plant Program</b>		<b>423,835</b>	<b>406,121</b>	<b>391,727</b>	<b>383,679</b>	<b>396,168</b>	<b>9,953</b>
<b>Infrastructure Program</b>							
Closed	Airport Response Coordination Center (ARCC)	8,175	13,723	13,723	13,723	13,723	0
<b>Subtotal: Infrastructure Program</b>		<b>8,175</b>	<b>13,723</b>	<b>13,723</b>	<b>13,723</b>	<b>13,723</b>	<b>0</b>
<b>Subtotal: Capital Budget 1</b>		<b>432,010</b>	<b>419,844</b>	<b>405,450</b>	<b>397,402</b>	<b>409,891</b>	<b>9,953</b>
<b>Capital Budget 2</b>							
<b>Landside Program</b>							
Active	Second Level Roadway Expansion Joint and Deck Repairs	18,900	35,442	30,469	25,809	32,916	2,526
Active	New Face of CTA – Phase 2	70,528	78,651	67,282	52,292	70,658	7,993
Closed	Coastal Dunes Improvement Project	3,000	2,140	2,140	2,140	2,140	0
Close-out	Manchester Square / Belford Demolition Program	1,981	1,185	1,249	1,249	1,249	(64)

Notes: 1. The Baseline Budget and Current Budget will change as scope is approved by the Board of Airport Commissioners and moves from Development to Delivery.  
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.

(dollars in thousands)							
Status	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
Close-out	Jenny Lot Site Modifications	7,233	6,951	6,729	6,729	6,729	222
	<b>Subtotal: Landside Program</b>	<b>101,642</b>	<b>124,369</b>	<b>107,869</b>	<b>88,219</b>	<b>113,692</b>	<b>10,677</b>
	<b>Subtotal: Capital Budget 2</b>	<b>101,642</b>	<b>124,369</b>	<b>107,869</b>	<b>88,219</b>	<b>113,692</b>	<b>10,677</b>
	<b>Capital Budget 3</b>						
Close-out	Manchester Square / Belford Demolition Program - Phase 2	1,941	1,941	989	826	1,000	941
Active	Orange Line Busway (FlyAway Site)	1,059	1,059	555	225	1,012	47
Active	Electrical, Communications and Water Utility Ext. - 5th Feeder Project	23,033	26,822	23,534	16,207	23,232	3,590
Active	Taxi Holding Lot Relocation	8,213	8,213	7,113	418	8,173	40
Active	CTA - Landside Accessibility Improvements - Phase 2	7,344	7,344	5,676	1,279	6,769	575
	<b>Subtotal: Capital Budget 3</b>	<b>41,590</b>	<b>45,379</b>	<b>37,867</b>	<b>18,955</b>	<b>40,186</b>	<b>5,193</b>
	<b>Utilities &amp; Landside Element: Total</b>	<b>575,242</b>	<b>589,592</b>	<b>551,186</b>	<b>504,576</b>	<b>563,769</b>	<b>25,823</b>

Notes: 1. The Baseline Budget and Current Budget will change as scope is approved by the Board of Airport Commissioners and moves from Development to Delivery.  
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.

(dollars in thousands)							
Status	Description	Estimate	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
	<b>Projects in Development</b>						
	CTA Departure Level Security Bollards	4,667	TBD	85	85	TBD	TBD
	Imperial Cargo Complex Water Main Replacement	8,430	TBD	326	326	TBD	TBD
	Construction Access Gates 21, 23 and 236	6,600	TBD	471	0	TBD	TBD
	West RON Electrification Project	4,500	TBD	70	70	TBD	TBD
	Drainage & Expansion Joint Seal Improvements for Parking Structures 1, 3, 4 & 6	5,600	TBD	0	0	TBD	TBD
	Storm Water Connection to North Central Outfall Sewer (NCOS)	TBD	TBD	0	0	TBD	TBD
	VNY FlyAway ADA Phase 1	TBD	TBD	0	0	TBD	TBD
	Lot C Bus Terminal ADA Upgrade	440	TBD	0	0	TBD	TBD
	Building Roof Replacement Program - Phase II	2,800	TBD	0	0	TBD	TBD
	<b>Utilities &amp; Landside Element: Projects in Development</b>	<b>33,037</b>	<b>TBD</b>	<b>952</b>	<b>481</b>	<b>TBD</b>	<b>TBD</b>

Notes: 1. The Estimate Column provides an overall order-of-magnitude forecast of the total project cost. It is for planning purposes only and will vary as the scope is refined and the design is progressed. A project will move into the Element and a budget will be established when the Board of Airport Commissioners (BOAC) approves the scope.  
 2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.

Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Utilities &amp; Landside Element</b>						
<b>DA-4554 - CUP REPLACEMENT</b>						
10/21/2015	DA-4554	0389	\$15,000			East Way Sidewalk Modifications
10/21/2015	DA-4554	0390	\$3,587			IS5119 Fence Device Relocation
10/21/2015	DA-4554	0391	\$1,175			Added Valves on Gas Compressor Drains
10/21/2015	DA-4554	0392	\$3,700			Terminal 8 Chilled Water System Investigation
10/21/2015	DA-4554	0393	\$139,000			Self-Generation Incentive Program (SGIP) Certified Performance Data Provider
10/21/2015	DA-4554	0394	\$2,250			Supplemental Record Documentation Photo of Architectural Rendering Perspective
10/21/2015	DA-4554	0395	\$50,282			CTG Start-Up/Sync Sequence
10/21/2015	DA-4554	0396	(\$2,500)			Delete Chain Link Fencing along Center Way North
10/21/2015	DA-4554	0397	\$58,500			Add'l Inhibitor Soft Water Req'd at New CUP
10/21/2015	DA-4554	0398	\$15,685			Unforeseen High Strength Sultry/Concrete in PW/FW Line Trench (NW of New CUP)
10/21/2015	DA-4554	0399	\$23,970			Provide Additional Training for CEMS Unit
10/21/2015	DA-4554	0400	\$5,120			Replace Ceiling Tiles Terminal 5
10/21/2015	DA-4554	0401	\$21,500			Relocation of CUP Maintenance Equipment
10/21/2015	DA-4554	0402	\$77,391			Parking 2B Exit Upgrade
10/26/2015	DA-4554	0403	\$69,900			Historic Display Design Enhancements
10/21/2015	DA-4554	0404	\$8,500			Refill of Site Distribution Piping with Soft Water Chiller Water
10/21/2015	DA-4554	0405	\$68,748			Trailer and Storage Yard Fence Removal
10/21/2015	DA-4554	0406	\$4,157			Vehicle Gate Knox Box Fire Alarm Monitoring
10/21/2015	DA-4554	0407	\$7,485			Painting of PS5 and PS6
10/21/2015	DA-4554	0408	\$17,536			SU - Area D3.3 Unforeseen Conduit In 2x6 Trench line
10/21/2015	DA-4554	0409	\$3,478			5th Feeder Design - Vault 3 and Other Changes
10/21/2015	DA-4554	0410	\$39,947			Additional Demo and Replacement of Existing Asphalt and Base on Center Way Sout
10/21/2015	DA-4554	0411	\$149,683			Repair and Restoration of Existing Electrical Structures
10/21/2015	DA-4554	0412	\$14,635			IS-2299 Parapet Guard Rail
10/21/2015	DA-4554	0413	\$38,333			Provide Temporary Load Bank for IS-2299 Load Tests
10/21/2015	DA-4554	0414	\$1,132			IS-2299 Missed Concrete Work

Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Utilities &amp; Landside Element</b>						
<b>DA-4554 - CUP REPLACEMENT</b>						
10/23/201	DA-4554	0415	\$0			Installation of Carpet Tile in CUP Control Room
10/26/201	DA-4554	0416	\$46,805			Lights 2nd Floor Store Room
10/29/201	DA-4554	0417	\$11,752			UPS Power at Ammonia Room
10/26/201	DA-4554	0418	(\$109,348)			CTG Battery Charger Disconnect Re-Work and other CTG Re-Work
10/26/201	DA-4554	0419	\$8,337			Repair Damaged Conduit DWP IS5074
10/26/201	DA-4554	0420	\$4,346			Airdrops and Outlets for CTG Wash Out Tank in CTG Room
10/26/201	DA-4554	0421	\$16,614			LAWA 2x8 Duct Bank Reroute Due to Unforeseen P2B Footing
10/26/201	DA-4554	0422	\$7,832			Second Cleaning of Metering Bldg
10/26/201	DA-4554	0423	\$4,993			Unforeseen Live Fire Alarm Conduits with DWP 2x6 Vault in D2.2
10/26/201	DA-4554	0424	\$8,546			Removal and Re-installation of RW Pipe in Area D2.2
10/26/201	DA-4554	0425		\$511,302		Insufficient Base in Existing Asphalt Work on North Center Way
10/26/201	DA-4554	0426	\$3,002			Gantry Crane Between Cooling Towers atop Maintenance Building
10/26/201	DA-4554	0427	\$8,394			HRSR Catalyst Hoist
10/26/201	DA-4554	0428	\$13,455			Development of FMCS Rpts for Reporting to Calif Air Resources Board
10/26/201	DA-4554	0429	\$105,303			Additional Condensate Pump and Related to HX4
10/26/201	DA-4554	0431	\$25,000			Additional Signage
10/26/201	DA-4554	0433	\$68,104			Additional Moving Requirements and Rental of Insp. Trailer
10/26/201	DA-4554	0434	\$79,367			Installation of Carpet Tile in CUP Control Room
10/26/201	DA-4554	0436	\$88,336			Lights 2nd Floor Store Room
10/26/201	DA-4554	0437	\$23,610			UPS Power at Ammonia Room
10/26/201	DA-4554	0438	\$39,463			CTG Battery Charger Disconnect Re-Work and other CTG Re-Work
10/26/201	DA-4554	0439	\$18,853			Additional DFH for LV Chases and Storage Closets
10/26/201	DA-4554	0441	\$19,112			Cleaning of CUP and MB During Beneficial Use
10/26/201	DA-4554	0387		\$238,815		Construction of CUP Gas MSA Revisions
10/26/201	DA-4554	0388	\$19,500			CUP Device Relocations Due to FF& E Additions per



Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Utilities &amp; Landside Element</b>						
<b>DA-4923 - PARKING GARAGE ELEVATOR UPGRADES</b>						
10/2/2015	DA-4923	0010	\$1,016			Grind Down Existing Ribbed Concrete for Metal Plate Attachments
10/2/2015	DA-4923	0012	\$3,908			PS 401 Elevators 5 & 6 Concrete Infill Method for Sleeved Holes
10/27/2015	DA-4923	0013	\$331			PS 401 5 & 6 Stainless Steel Thresholds
10/27/2015	DA-4923	0014	\$39,432			PS 601 Elevators 1,2,3,4 Replace (E) Expansion Joints
10/23/2015	DA-4923	0015	\$18,262			Additional Redesign/Re-detailing costs due to Elevator Power Requirements
<b>DA-4926 - 5TH FEEDER</b>						
10/21/2015	DA-4926	0016	\$100,000			Fire Water Distribution System Flushing (Sepulveda to TBIT North and South Aprons)
<b>DA-4879 - NF2, SLR, WWS PROJECT</b>						
10/9/2015	DA-4879/0000	0024	\$5,945			SLR - Hinge 46 Concrete Spall Repair
10/9/2015	DA-4879/0000	0025	\$5,460			NFCTA - Uplight Support at Gridline
10/26/2015	DA-4879/0000	0026	\$3,889			NF2 - Existing Concrete Infill at Dropdown Concrete A56
10/9/2015	DA-4879/0000	0027	\$12,156			SLR - Abutment Bearing Pad Replacement
10/27/2015	DA-4879/0000	0028	\$119,667			SLR - Four Additional Deck Drains at the Upper Level Roadway

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. The overall project scope of work includes:

Existing TBIT core renovation, which includes 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.



Recent Project Achievements

- Ø Gates 131 and 133 were operational on September 17, 2015.
- Ø New Baggage Carousels 2 & 4 were commissioned in early October 2015.

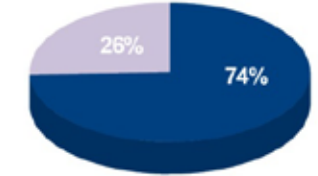
Budget Status

This project is currently trending over budget, primarily resulting from change requests due to unforeseen conditions in the existing building. These requests are being closely monitored by the Project Team and a mitigation strategy is being developed.

Schedule Status

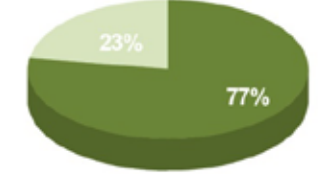
Milestones related to work inside the building are forecast behind schedule. The work scope was prioritized and key components were opened and made operational on or slightly behind schedule. It is the non-critical work scope that is delayed and the contractor has submitted time impacts for that work. The project team is working with the contractor to develop and implement mitigation strategies.

Project Cost



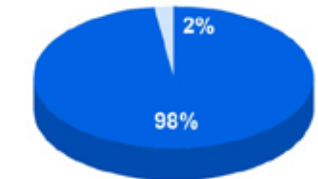
Cost To Date: \$282.47M  
Cost Remaining: \$ 97.01M  
Total Cost: \$379.48M

Construction Cost



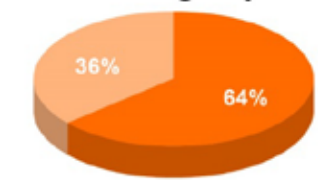
Incurred Cost: \$212.67M  
Cost Remaining: \$ 61.98M  
Const. Cost Total: \$274.65M

Construction Duration



Days Elapsed: 718  
Days Remaining: 16  
Days Total: 734

Contingency



Allocated Contingency: \$18.64M  
Remaining: \$10.71M  
Total Contingency: \$29.35M

As of: November 1, 2015	Status	Completion Date	Variance to BaseLine Finish (Days)
<b>BW Core Renovation &amp; Concourse Demo Project (Construction)</b>			
BW Core Renovation & Concourse Demo Project - MS#3D T4-TBIT Arrival Tunnel; South Loading Dock; T4 Connector	●	9-Nov-15	-223
BW Core Renovation & Concourse Demo Project - MS#3C South End SSCP (Lvls 3 & 4); SE Egress; CBIS Space Lvl 3	●	5-Nov-15	-278
BW Core Renovation & Concourse Demo Project - MS#5 SSCP Operational (North); North Bridge Complete	●	12-Jan-16	-225
BW Core Renovation & Concourse Demo Project - MS#6 TBIT Lvls 2, 3, 4 & 5; Lvl 1 (Except 2 Bag Units)	●	22-Jan-16	-195
BW Core Renovation & Concourse Demo Project - MS#6A North Loading Dock; Remainder of Work	●	21-Apr-16	-158

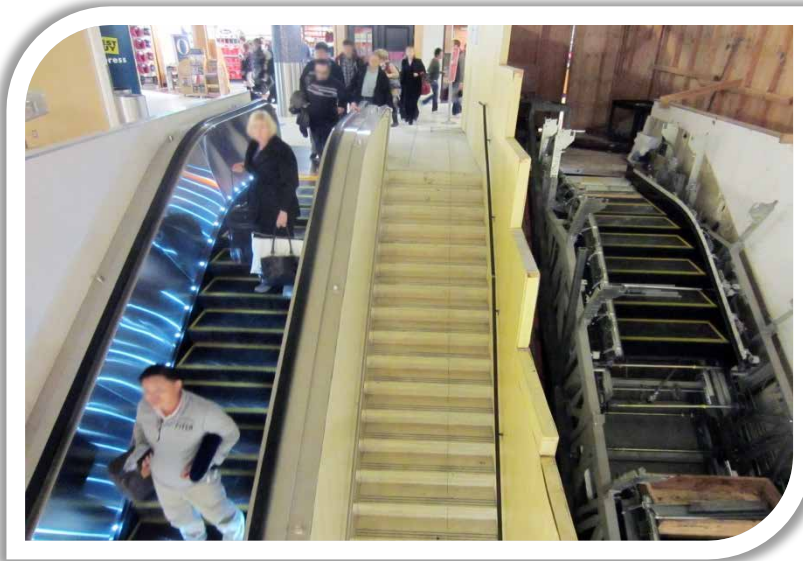
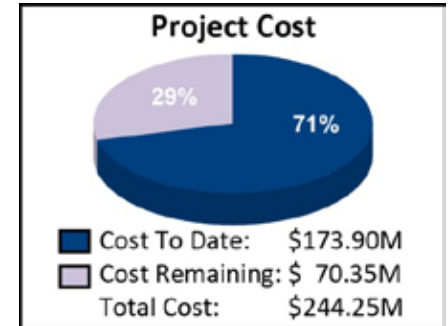
● On-Time ● Behind Schedule ● Requires Mitigation

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. All of the elevators/escalators were given a priority ranging from 1 to 3 with priority 1 being the most critical to replace.

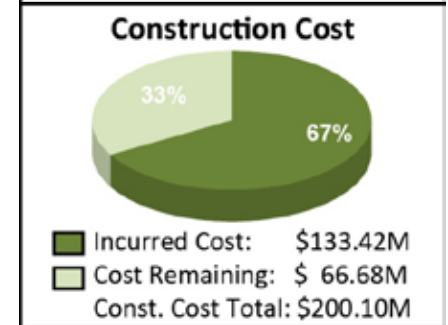
Recent Project Achievements

- ∅ The Priority 1 site mods are complete and the contract is closed.
- ∅ Priority 2 and 3 are underway and 81 units are returned to service with another 6 units under construction.
- ∅ The Parking Garage Elevator replacements are underway and 2 units are returned to service with another 6 units under construction.



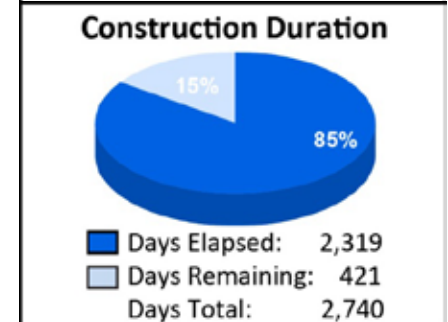
Budget Status

The project is trending to budget.



Schedule Status

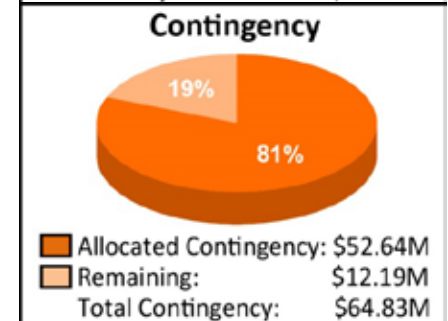
Some units were re-prioritized within the program and vary from their original installation date, but there is no impact to the overall completion date.



As of: November 1, 2015

	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Phase 2/3 - Elevators and Escalators (Construction)</b>			
Terminal 2 Unit T2-01 ELEVH	●	9-Feb-16	0
Terminal 4 Unit T4-13 ELEVH	●	2-Feb-16	-63
Terminal 5 Unit S5-01 ELEVH	●	8-Jan-16	-32
Terminal 6 Unit S6-03 - ELEVH	●	14-Mar-16	0
Terminal 6 Unit S6-04 - ELEVH	●	14-Mar-16	0
Terminal 8 Unit T8-03 - ELEVH	●	23-Nov-15	-21
Phase 2/3 - Elevators and Escalators - Substantial Completion	●	31-May-16	3

● On-Time   ● Behind Schedule   ● Requires Mitigation



Project Description

The Bradley West project provides an opportunity for LAVA to salvage fifteen Passenger Boarding Bridges (PBBs) and associated equipment manufactured between 2006 and 2009 and relocate them to select locations at Terminals 2, 3, and 6, where the existing equipment is in poor condition. The Terminal 3 and 6 components of this project were cancelled in November 2014. As a result all ten gates at Terminal 2 will receive refurbished PBBs from TBIT, instead of seven gates as in the original scope. These 10 gates will get new or refurbished preconditioned air units and potable water cabinets, and all new 400 Hz ground power units.



Recent Project Achievements

- Ø The Gate 21B PBB was complete and returned to operation in October 2015. A total of 6 bridges are operational.

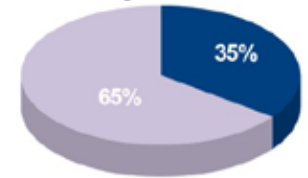
Budget Status

This project is tracking to budget and currently has surplus project contingency.

Schedule Status

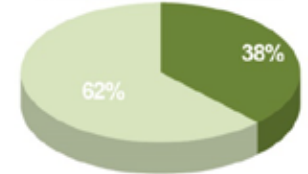
Some gates are delayed due to the discovery of underground obstructions at the foundation locations. The contractor has submitted time impact analyses, which are being review by the project team.

Project Cost



Cost To Date: \$ 8.92M  
Cost Remaining: \$16.46M  
Total Cost: \$25.38M

Construction Cost



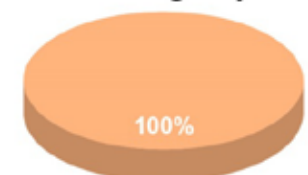
Incurred Cost: \$ 6.21M  
Cost Remaining: \$10.24M  
Const. Cost Total: \$16.45M

Construction Duration



Days Elapsed: 781  
Days Remaining: 348  
Days Total: 1129

Contingency



Allocated Contingency: (\$1.04M)  
Remaining: \$3.65M  
Total Contingency: \$2.61M

As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>PBB Relocation (Construction)</b>			
PBB Relocation - Phase 1&2 - T2 Substantial Completion	●	21-Feb-16	-143
PBB3 Replacement - (Gates 24, 25, 27) - Substantial Completion	●	12-Oct-16	0
● On-Time    ● Behind Schedule    ● Requires Mitigator			



Project Description

This project remodels and constructs new Minimum Point of Entry (MPOE) and IT Rooms within the existing terminals. When completed, the IT rooms will provide an industry-standard, clean and secure, permanent space for the next generation of network switching, application servers, and other IT support equipment.

Recent Project Achievements

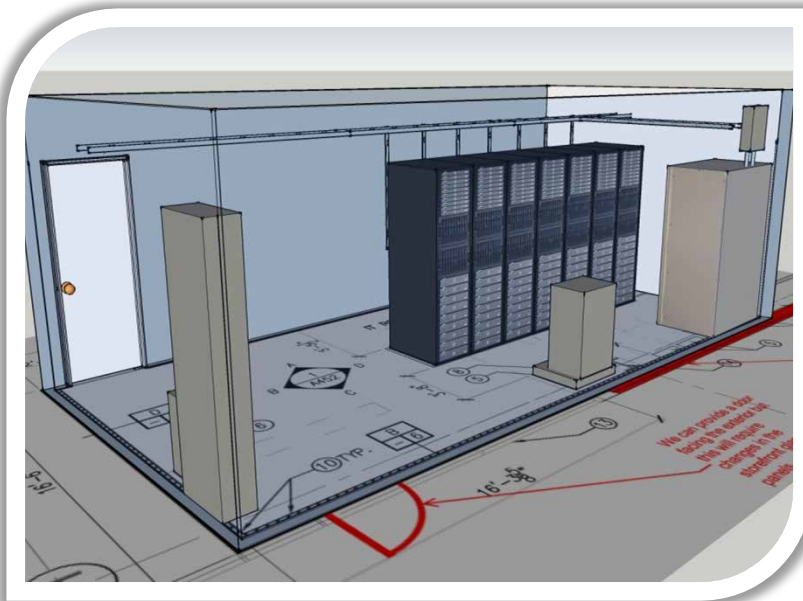
- Ø The buy-out is complete and field investigation surveys are underway.

Budget Status

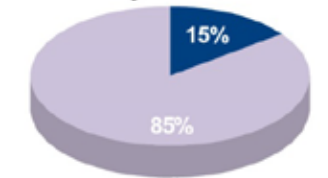
This project is trending to budget.

Schedule Status

The project is tracking on schedule.

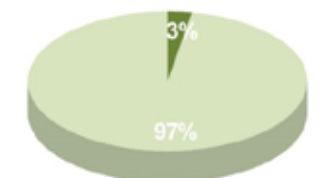


Project Cost



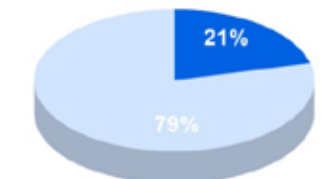
Cost To Date: \$ 4.19M  
Cost Remaining: \$23.07M  
Total Cost: \$27.26M

Construction Cost



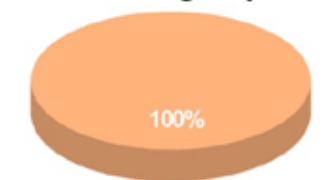
Incurred Cost: \$ 0.61M  
Cost Remaining: \$18.34M  
Const. Cost Total: \$18.95M

Construction Duration



Days Elapsed: 155  
Days Remaining: 576  
Days Total: 731

Contingency



Allocated Contingency: \$0.00M  
Remaining: \$1.87M  
Total Contingency: \$1.87M

As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Terminal IT MPOE Rooms (Construction)</b>			
Terminal 4 - 8 IT MPOE - Substantial Completion	●	28-May-17	0

● On-Time   ● Behind Schedule   ● Requires Mitigator



Project Description

This project undertakes smaller-scale improvements occurring in a variety of different terminals throughout the Central Terminal Area (CTA). These improvements include minor fire and life safety upgrades, and the addition of pet relief areas and nursing rooms.

Recent Project Achievements

- Construction of the nursing rooms in Terminals 4, 7 and the Tom Bradley International Terminal (TBIT) has commenced.

Budget Status

This project is trending to budget.

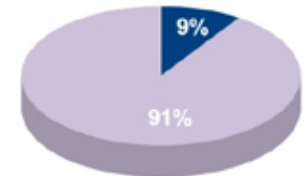
Schedule Status

The baseline schedule and interim project milestones are being reviewed by the project team.



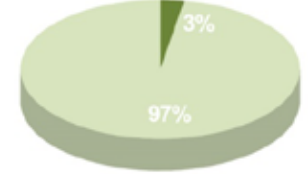
The baseline schedule and interim project milestones are being reviewed by the Project Team.

Project Cost



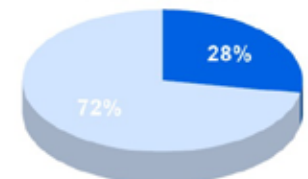
Cost To Date: \$0.14M  
Cost Remaining: \$1.40M  
Total Cost: \$1.54M

Construction Cost



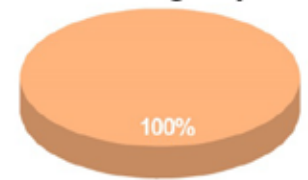
Incurred Cost: \$0.03M  
Cost Remaining: \$0.93M  
Const. Cost Total: \$0.96M

Construction Duration



Days Elapsed: 100  
Days Remaining: 261  
Days Total: 361

Contingency



Allocated Contingency: \$0.00M  
Remaining: \$0.17M  
Total Contingency: \$0.17M

Project Description

Terminal 2 is the second largest international terminal at LAX. In 2014, Terminal 2 served approximately 4.6 million international passengers. The terminal is approximately 30-years old and in need of improvements. LAWA 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, baggage 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.



Recent Project Achievements

Ø The Phase 1 work in the Federal Inspection Services (FIS) area is complete and punchlist activities are underway.

Budget Status

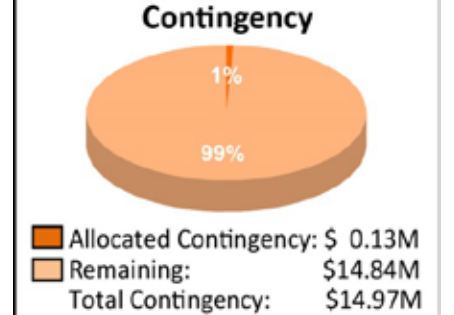
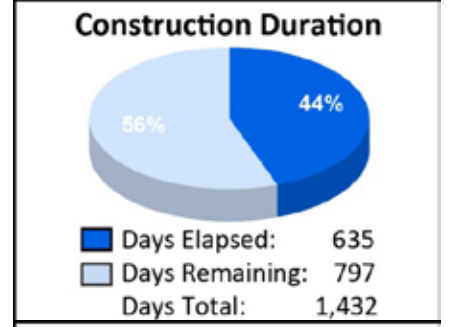
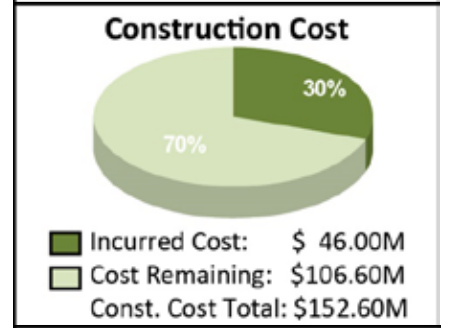
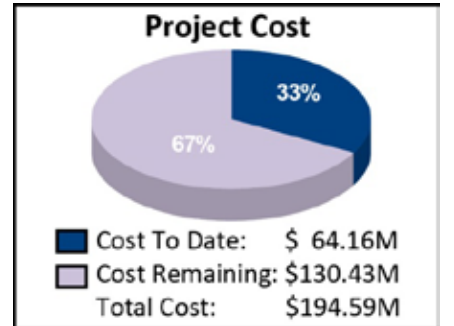
The project is trending to budget.

Schedule Status

The Project Team staggered completion of the Arrivals Restrooms, due to unforeseen conditions discovered at the first restroom and to minimize the impact during the Special Olympics. The Centralized 400Hz System is behind schedule due to capacity of Temporary System, timing of Permanent Electrical System availability, and real estate availability. Time extensions for these milestones are anticipated in December 2015.

As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Terminal 2 Improvements (Construction)</b>			
T2 Finishes - Milestone 3 - Arrivals Restrooms Complete	●	25-Feb-16	-301
T2 Finishes - Milestone 4 - Domestic Baggage and Ticketing Fit and Finish Complete	●	19-Dec-16	-29
T2 AHU Replacement - Milestone 1 Rm 1584	●	8-Feb-16	-61
T2 AHU Replacement - Milestone 2 Rm 4503 and 4521	●	3-Nov-16	6
T2 FIS - Milestone 1 - Phase 1A Work Before Special Olympics	●	17-Jul-15	-6
T2 FIS - Milestone 2 - Phase 1 Construction Complete	●	1-Sep-16	0
T2 SSCP - Substantial Completion	●	14-Jul-16	0
T2 Systems - Milestone 4 - T2 IT MPOE Rooms Complete & Accepted by LAWA	●	20-Nov-15	-133
T2 Systems - Milestone 5 - Centralized 400 Hz System Complete	●	10-Dec-15	-320
T2 Systems - Milestone 6 - T2 Standby Power Complete	●	12-Apr-16	0
T2 Systems - Milestone 7 - Electrical Upgrade Complete	●	17-Jul-17	0
T2 Systems - Milestone 8 - Overall Construction Complete	●	4-Jan-18	0

● On-Time   ● Behind Schedule   ● Requires Mitigation



Project Description

This improvement program consists of fire/life safety and egress improvements focused primarily in the satellite and in the pedestrian tunnel, upgrades to public restrooms, the addition of a public mother's room, upgrades to the courtyard to accommodate a pet relief area, installation of Flight Information Display Systems (FIDS) and a visual paging system.

Recent Project Achievements

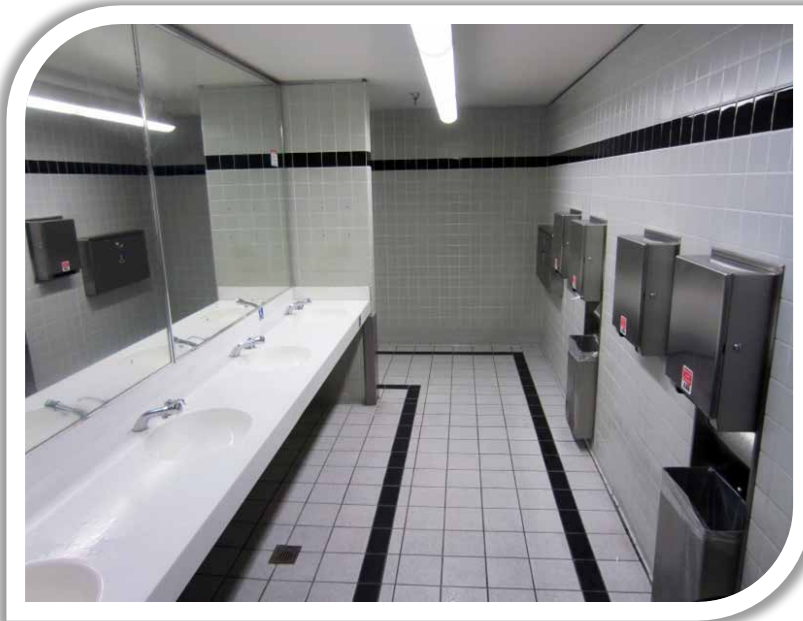
- Ø The buy-out is complete and construction of the nursing room scope is anticipated to begin in November 2015.

Budget Status

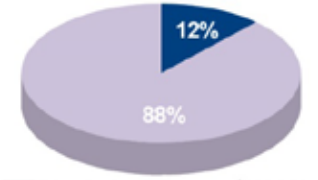
The project is trending on budget.

Schedule Status

The project is tracking to schedule.

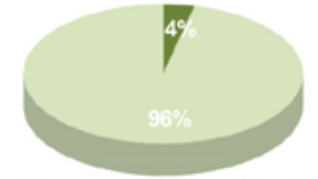


Project Cost



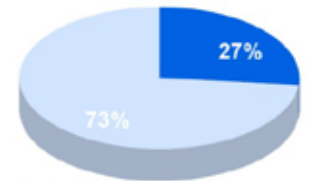
Cost To Date: \$0.68M  
Cost Remaining: \$5.04M  
Total Cost: \$5.72M

Construction Cost



Incurred Cost: \$0.16M  
Cost Remaining: \$3.98M  
Const. Cost Total: \$4.14M

Construction Duration



Days Elapsed: 144  
Days Remaining: 394  
Days Total: 538

Contingency



Allocated Contingency: \$0.00M  
Remaining: \$0.41M  
Total Contingency: \$0.41M

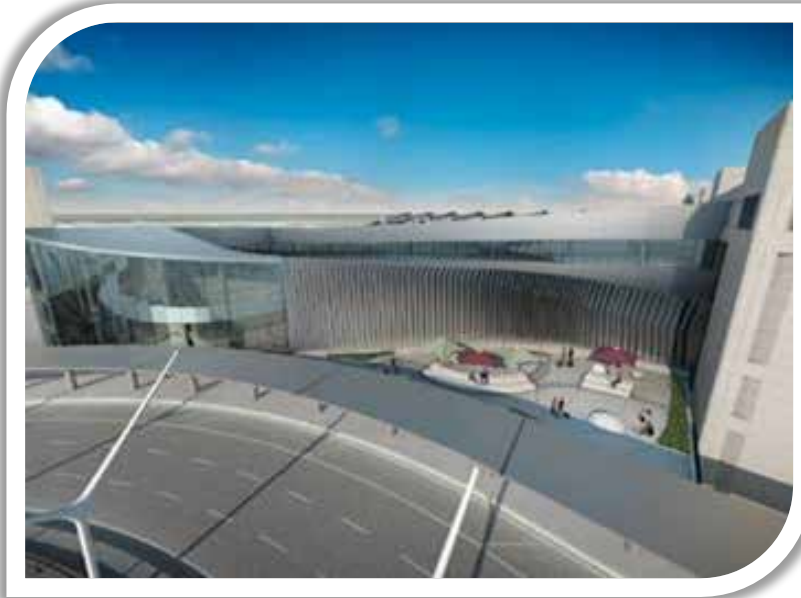
As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Terminal T3 Improvements (Construction)</b>			
Terminal 3 Improvements - Substantial Completion	●	27-Nov-16	0

● On-Time   ● Behind Schedule   ● Requires Mitigation



Project Description

This project consists of the design and construction of a CALGreen 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.



Recent Project Achievements

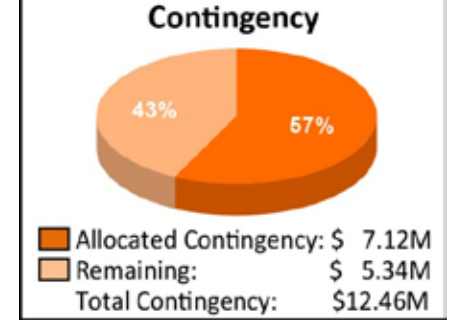
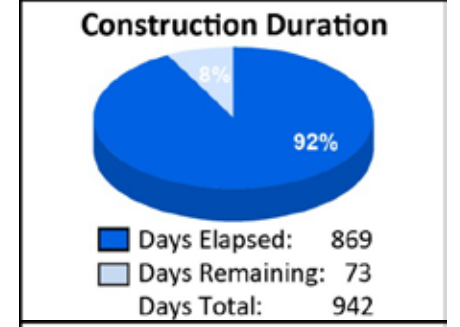
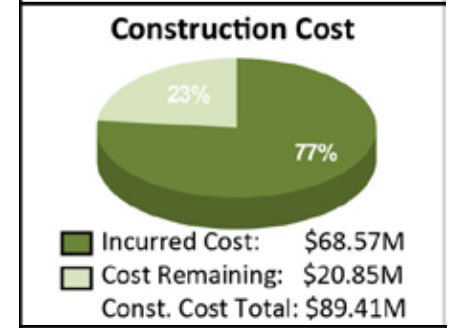
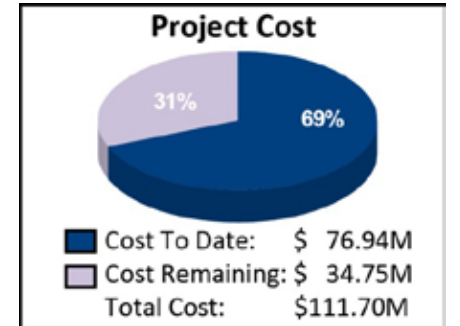
- Ø The dry-in work for the secure passenger connection between Tom Bradley International Terminal (TBIT) and Terminal 4 is complete. Work progresses toward December 2015 opening.

Budget Status

The project is trending to budget.

Schedule Status

The project schedule was impacted by the discovery of unknown utilities which necessitated re-designing the foundation in the landside area. The project team has re-prioritized the project scope so that key components related to the passenger walkway will be completed in December 2015, close to original schedule target date. The project team continues to work with the contractor to mitigate any further delay with the remaining work.



As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>T4 Connector (Construction)</b>			
T4 Connector - Milestone #5: Completion of Connector Walkway	●	25-Feb-16	-135
T4 Connector - Milestone #6: Substantial Completion	●	25-May-16	-135

● On-Time    ● Behind Schedule    ● Requires Mitigation

Project Description

The electrical upgrades in Terminal 6 are a key component of the Central Terminal Area (CTA) Improvements project. The old equipment will be replaced with modern equipment that meets current code requirements, provides long-term systems reliability, and accommodates future demands. Overall, approximately 130-electrical distribution panels will be replaced.



Recent Project Achievements

- Ø The buy-out is complete and construction work is underway.

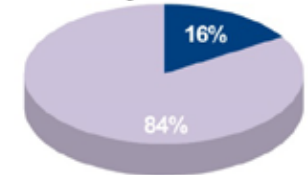
Budget Status

The project is trending to budget.

Schedule Status

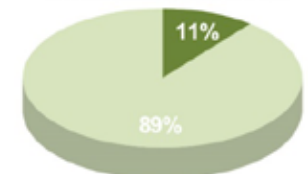
The contractor has reported a schedule delay and is working with the project team to mitigate it.

Project Cost



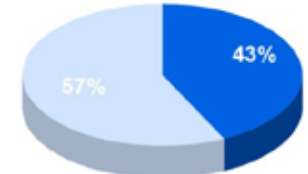
Cost To Date: \$ 4.95M  
Cost Remaining: \$25.78M  
Total Cost: \$30.73M

Construction Cost



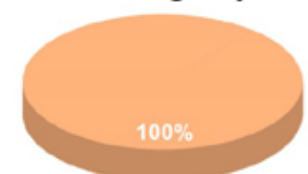
Incurred Cost: \$ 2.56M  
Cost Remaining: \$21.10M  
Const. Cost Total: \$23.65M

Construction Duration



Days Elapsed: 326  
Days Remaining: 435  
Days Total: 761

Contingency



Allocated Contingency: \$0.01M  
Remaining: \$2.34M  
Total Contingency: \$2.35M

As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Terminal 6 Electrical Upgrade (Construction)</b>			
T6 Electrical Upgrade - Substantial Completion	●	31-Jan-17	-24

● On-Time   ● Behind Schedule   ● Requires Mitigation





Terminal Fire/Life Safety Systems Improvements Project, CTX  
UPS Project, and Parking Structure Expansion Joints

LAX

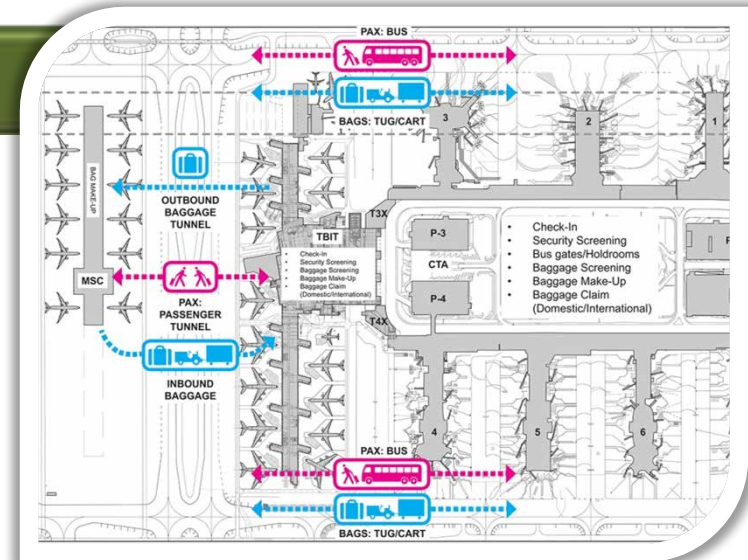
This project will update the level of compliance to fire and life safety-related code requirements commensurate with current codes, without a complete retroactive compliance to the latest code for the entire building. This project will also make modifications to the terminals to meet the requirements set forth in the Master Exiting Exhibits for Terminals 2, 4, 5, 6, 7 and 8 and the Los Angeles Fire Department requirements. The scope of work includes tunnel sprinklers, horizontal exits and standpipes.

This project also includes installation of Uninterruptable Power Supplies (UPS) to the Explosive Detection System (EDS) equipment in Terminals 5, 6 and the Tom Bradley International Terminal and provides repair and/or replacement of expansion joint seals and drainage systems within LAX parking structures 1, 3, 4 and 6.

TBIT Optimization Project

LAX

This project provides improvements within the Tom Bradley International Terminal (TBIT) to seamlessly integrate with the new Midfield Satellite Concourse (MSC). These improvements may include an outbound baggage screening and make-up area, ticket counter redevelopment, additional automated passport control kiosks and an expanded meeter / greeter area.



(dollars in thousands)							
Status	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
<b>Capital Budget 1</b>							
<b>Bradley West Program</b>							
Active	Bradley West Core Renovation/East Ramp and Concourse Demo Project	273,170	356,116	349,287	282,467	371,503	(15,387)
Close-out	Art In Public Places	5,360	5,360	3,111	3,111	3,111	2,249
Close-out	Bradley West Traffic Mitigations -World Way South/Center Way	735	2,166	1,819	1,569	2,092	74
Close-out	Bradley West Gates	906,474	875,336	876,126	874,486	875,336	0
Close-out	Bradley West Core Improvements	808,364	825,144	825,882	824,244	825,144	0
Close-out	New Face of CTA - Phase 1	43,270	51,261	51,022	51,022	51,207	54
Closed	Construction Traffic Mitigations	3,542	2,061	2,061	2,061	2,061	0
<b>Subtotal: Bradley West Program</b>		<b>2,040,915</b>	<b>2,117,444</b>	<b>2,109,308</b>	<b>2,038,960</b>	<b>2,130,454</b>	<b>(13,010)</b>
<b>Elevator &amp; Escalator Program</b>							
Active	Elevators and Escalators Replacement	270,000	242,580	225,525	172,221	226,366	16,215
<b>Subtotal: Elevator &amp; Escalator Program</b>		<b>270,000</b>	<b>242,580</b>	<b>225,525</b>	<b>172,221</b>	<b>226,366</b>	<b>16,215</b>
<b>Subtotal: Capital Budget 1</b>		<b>2,310,915</b>	<b>2,360,024</b>	<b>2,334,833</b>	<b>2,211,181</b>	<b>2,356,820</b>	<b>3,205</b>

Notes: 1. The Baseline Budget and Current Budget will change as scope is approved by the Board of Airport Commissioners and moves from Development to Delivery.  
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.

(dollars in thousands)							
Status	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
<b>Capital Budget 2</b>							
<b>Terminal-wide Improvements</b>							
Close-out	ADA Accessibility Improvements – Phase 1	2,000	4,540	3,472	3,472	3,472	1,068
Close-out	Concessions Enabling Project	3,445	2,705	1,696	1,659	2,105	600
Active	Passenger Boarding Bridge Relocation	21,667	27,414	19,424	8,924	25,380	2,034
Active	Terminal MPOE and IT Room Expansion	25,943	28,803	22,792	4,195	27,262	1,542
Closed	Fire Life Safety System Upgrades T1 & T2	5,300	3,210	3,210	3,210	3,210	0
<b>Subtotal: Infrastructure Program</b>		<b>58,355</b>	<b>66,672</b>	<b>50,594</b>	<b>21,460</b>	<b>61,429</b>	<b>5,244</b>
<b>Terminal 2</b>							
Active	Terminal 2 Improvements <ul style="list-style-type: none"> <li>• Electric meter reading</li> <li>• Electrical Systems / AHU Replacement</li> <li>• Ticket / Bag Claim / FIS renovation</li> <li>• IT Infrastructure / Paging</li> <li>• SSCP Improvements</li> </ul>	204,914	204,914	173,599	64,161	194,588	10,326
<b>Subtotal: Terminal 2</b>		<b>204,914</b>	<b>204,914</b>	<b>173,599</b>	<b>64,161</b>	<b>194,588</b>	<b>10,326</b>
<b>Terminal 3</b>							
Active	Terminal 3 Improvements <ul style="list-style-type: none"> <li>• FLSS/ADA/Nursing Room/Other</li> </ul>	6,130	6,130	4,668	678	5,719	411
Closed	• Terminal 3 Backfill Project	5,846	6,569	6,569	6,569	6,569	0
<b>Subtotal: Terminal 3</b>		<b>11,976</b>	<b>12,699</b>	<b>11,237</b>	<b>7,247</b>	<b>12,288</b>	<b>411</b>
<b>Terminal 4</b>							
Active	Terminal 4 Connector Building	114,318	114,496	99,216	76,944	111,698	2,798
<b>Subtotal: Terminal 4</b>		<b>114,318</b>	<b>114,496</b>	<b>99,216</b>	<b>76,944</b>	<b>111,698</b>	<b>2,798</b>

Notes: 1. The Baseline Budget and Current Budget will change as scope is approved by the Board of Airport Commissioners and moves from Development to Delivery.  
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(dollars in thousands)							
Status	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
	<b>Tom Bradley International Terminal</b>						
Closed	TBIT EDS OS1 and OS2	3,187	2,904	2,904	2,904	2,904	0
	<b>Subtotal: Tom Bradley International Terminal</b>	<b>3,187</b>	<b>2,904</b>	<b>2,904</b>	<b>2,904</b>	<b>2,904</b>	<b>0</b>
	<b>Terminal 6</b>						
Active	Terminal 6 Improvements • Terminal 6 Electrical Upgrades Project	32,627	32,627	26,373	4,952	30,734	1,893
	<b>Subtotal: Terminal 6</b>	<b>32,627</b>	<b>32,627</b>	<b>26,373</b>	<b>4,952</b>	<b>30,734</b>	<b>1,893</b>
	<b>Terminal 7 /8</b>						
Closed	Terminal 7 Restroom Enhancements	6,159	599	599	599	599	0
	<b>Subtotal: Terminal 7 /8</b>	<b>6,159</b>	<b>599</b>	<b>599</b>	<b>599</b>	<b>599</b>	<b>0</b>
	<b>Subtotal: Capital Budget 2</b>	<b>431,536</b>	<b>434,911</b>	<b>364,522</b>	<b>178,267</b>	<b>414,240</b>	<b>20,672</b>
	<b>Capital Budget 3</b>						
Active	Elevators and Escalators Replacement	0	18,574	17,260	1,677	17,881	693
Active	Bradley West Core Renovation/East Ramp and Concourse Demo Project	0	1,978	0	0	1,978	0
Active	Terminal-wide Improvements	1,620	1,620	1,291	145	1,541	78
	<b>Subtotal: Capital Budget 3</b>	<b>1,620</b>	<b>22,172</b>	<b>18,551</b>	<b>1,822</b>	<b>21,400</b>	<b>771</b>
	<b>Terminal Element: Total</b>	<b>2,744,071</b>	<b>2,817,107</b>	<b>2,717,906</b>	<b>2,391,270</b>	<b>2,792,460</b>	<b>24,648</b>

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(dollars in thousands)							
Status	Description	Estimate	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
	<b>Projects in Development</b>						
	Terminal Fire/Life Safety Systems Improvements Project, CTX UPS Project, and Parking Structure Expansion Joints	24,250	TBD	0	0	TBD	TBD
	TBIT Optimization Project	TBD	TBD	0	0	TBD	TBD
	<b>Terminal Element: Projects in Development</b>						
		<b>0</b>	<b>TBD</b>	<b>0</b>	<b>0</b>	<b>TBD</b>	<b>TBD</b>

- Notes: 1. The Estimate Column provides an overall order-of-magnitude forecast of the total project cost. It is for planning purposes only and will vary as the scope is refined and the design is progressed. A project will move into the Element and a budget will be established when the Board of Airport Commissioners (BOAC) approves the scope.
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.



Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Terminal Element</b>						
<b>DA-4798 - T-4 CONNECTOR - TURNER</b>						
10/7/2015	DA-4798	0078	\$73,735			Post 21 and 23 Vehicle Inspection For January 2015
10/7/2015	DA-4798	0079	\$25,532			Post 21 and 23 Vehicle Inspection - May 2015
10/7/2015	DA-4798	0080	\$50,908			Post 21 and 23 Vehicle Inspection - March 2015
10/7/2015	DA-4798	0081	\$23,320			Post 21 and 23 Vehicle Inspection - April 2015
10/7/2015	DA-4798	0082	\$71,139			Post 21 and 23 Vehicle Inspection - February 2015
10/9/2015	DA-4798	0083		\$286,560		Extend Feeders to Existing Switchboard
10/9/2015	DA-4798	0084	\$22,544			Electrical Design Changes for Baggage Handling System
10/9/2015	DA-4798	0085	\$84,038			Overpoured Fire Water Line at Airside Baggage Handling System Tunnel
10/16/2015	DA-4798	0086	\$24,034			Building Separation Requirement at FIS Tunnel
10/22/2015	DA-4798	0087	\$44,378			Cleaning of the Storm Drain Line
10/22/2015	DA-4798	0088	\$12,887			Post 21 Vehicle Inspection - June 2015
10/23/2015	DA-4798	0089	\$0			Administrative Change - Hazmat Abatement Allowance Transfer to Potholing Allowance
<b>DA-4849 - TBIT RENOVATION, APRONS, AND CONCOURSE DEMOLITION PROJECT</b>						
10/2/2015	DA-4849/0000	0582	\$23,220			TBIT RENO - Level 2 Unforeseen Conditions - Existing Walls on R-Line
10/2/2015	DA-4849/0000	0583	\$3,898			TBIT RENO - Demolition of Overhead Coiling Door at Former Currency Exchange Lev
10/2/2015	DA-4849/0000	0584	\$3,352			TBIT RENO - Level 2 Revisions to TR2A Phase 0 Configuration
10/6/2015	DA-4849/0000	0585	\$4,631			TBIT RENO - Level 6 - 1" Chilled Water Supply and Return POC to Existin
10/7/2015	DA-4849/0000	0586	\$2,245			TBIT RENO - Existing Electrical Room 2C9-08 Steel Conflict
10/7/2015	DA-4849/0000	0587	\$30,898			TBIT RENO - Level 3 Clarification of Existing Ductwork from Gridlines 58-5
10/8/2015	DA-4849/0000	0588	\$2,544			CANCELLED - Cleaning of Precast Panel Above TSA Canopy
10/8/2015	DA-4849/0000	0589	\$60,564			TBIT RENO - Level 1 East Office Electrical Conflicts
10/8/2015	DA-4849/0000	0590	\$36,215			TBIT RENO - Cleaning of High Bay Truss and Skylight
10/9/2015	DA-4849/0000	0591	\$4,402			TBIT APRON - Addition of Reinforcement to PCC Panels Straddling LPD-5
10/9/2015	DA-4849/0000	0592	\$1,743			TBIT RENO - South Loading Dock (SLD) Unknown Material Between Leve
10/9/2015	DA-4849/0000	0593	\$5,644			TBIT RENO - Level 2 Request to Demolish Existing Duct for Installation of

Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Terminal Element</b>						
<b>DA-4849 - TBIT RENOVATION, APRONS, AND CONCOURSE DEMOLITION PROJECT</b>						
10/12/2015	DA-4849/0000	0594	\$11,742			TBIT APRON - North Loading Dock Lower Level Sanitary Sewer Sleeve Pe
10/13/2015	DA-4849/0000	0595	\$11,030			TBIT RENO - Increased Stainless Steel Base Thickness Beneath Glass TSA Screenin
10/13/2015	DA-4849/0000	0596	\$3,387			TBIT RENO - Level 4 TSA Screening Glass Wall North and South
10/14/2015	DA-4849/0000	0597	(\$8,205)			TBIT RENO - Fire Alarm/Fire Protection for Elevators C9EL02/03 and C12E
10/16/2015	DA-4849/0000	0598	\$5,678			TBIT RENO - Level 6 2-Hour Separation at Slab Elevation Change Along G
10/20/2015	DA-4849/0000	0599	\$8,406			TBIT RENO - Additional Platforms for CL-4 Feed Conveyors
10/21/2015	DA-4849/0000	0600	\$9,204			TBIT RENO - Vertical Control Joints in Level 4 Fascia Behind TSA Canopy
10/21/2015	DA-4849/0000	0601	\$1,963			TBIT RENO - Level 1 Electric Water Heater Conflict
10/21/2015	DA-4849/0000	0602	\$4,197			TBIT RENO - Signage Design Package for Port Directors' Officers
10/22/2015	DA-4849/0000	0603	\$109,574			TBIT RENO - C5 Additional Terrazzo Scope
10/22/2015	DA-4849/0000	0604	\$88,544			TBIT RENO - Slope Floors in All Rooms with Floor Drains
10/26/2015	DA-4849/0000	0605		\$237,553		TBIT APRON - Excavation of Uncertified Fill in the North Loading Dock and Shoring S
10/26/2015	DA-4849/0000	0606	\$34,337			TBIT RENO - Submittal 1003-05750-0-0 Architectural Changes to Elevator Beam
10/26/2015	DA-4849/0000	0607	\$11,907			TBIT RENO - Level 1 Location of Beacon Lights at Baggage Carousels
10/26/2015	DA-4849/0000	0608	\$9,841			TBIT RENO - Level 2 Additional Concrete Curb Demo on Gridlines 44 and
10/26/2015	DA-4849/0000	0609	\$1,898			TBIT APRON - North Loading Dock Follow Up for Joint Layout for Level
10/29/2015	DA-4849/0000	0610	\$31,020			TBIT RENO - Architectural and Structural Dimension Conflict at Glass Rail
10/29/2015	DA-4849/0000	0611	\$8,487			TBIT APRON - Gate 159 Storm Drain Investigation and Blockage Removal
10/29/2015	DA-4849/0000	0612	\$4,003			TBIT RENO - Level 4 Adjustments to Steel Angles in Won-Door Pockets D
10/29/2015	DA-4849/0000	0613	\$2,222			TBIT RENO - Level 1 Department of Water and Power Area Way Manual D
10/29/2015	DA-4849/0000	0614	\$2,771			TBIT RENO - Replace Existing Leaking Reheat Coil for VAV 10 HB in China Eastern O
10/29/2015	DA-4849/0000	0615	\$4,893			TBIT RENO - Level 3 SSB-1 Duct Conflict with Lights at N.8/50-51
10/29/2015	DA-4849/0000	0616	\$12,056			TBIT APRON - Existing 10" Fire Water Line in Conflict with the Los Angele
10/29/2015	DA-4849/0000	0617	\$12,054			TBIT APRON - North Loading Dock Lower Level 4" to 14" Wide Slab on Grade Remove
10/29/2015	DA-4849/0000	0618	\$7,752			TBIT APRON - North Loading Dock Sanitary Sewer Lateral Material Replacement

Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Terminal Element</b>						
<b>DA-4849 - TBIT RENOVATION, APRONS, AND CONCOURSE DEMOLITION PROJECT</b>						
10/29/2015	DA-4849/0000	0619	\$7,788			TBIT RENO - Level 1 Maintenance Hatches at Claims 1 and 2
10/29/2015	DA-4849/0000	0620	\$5,975			TBIT RENO - Bottom Track Detail for Large Overhead Coiling Door at T
10/30/2015	DA-4849/0000	0621	(\$19,186)			TBIT RENO - Deductive Change Order to Resolve NNC 129
10/30/2015	DA-4849/0000	0622	\$4,826			TBIT RENO - Level 2 LADBS Fire Sprinkler Correction Notice Clarification
<b>DA-4779-ITMP - TERMINAL MPOE AND IT ROOM EXPANSION</b>						
10/6/2015	DA-4779/C07	0001	\$34,206			Electrical Buyout Allowance #2 Overage
<b>DA-4779-MPMO - MSC PROJECT MANAGEMENT OFFICE</b>						
10/7/2015	DA-4779/C09	0008	\$60,095			DWP Approved Design Changes
10/9/2015	DA-4779/C09	0009	\$11,501			Communication Manhole Change
10/12/2015	DA-4779/C09	0010	\$1,286			Grading and Paving Along AOA and East Fence
10/12/2015	DA-4779/C09	0011	\$2,792			Reroute DW Lines Below DWP Transformer Conduit
10/13/2015	DA-4779/C09	0012	\$3,680			Grading and Paving Along Modular Building Edge
10/14/2015	DA-4779/C09	0013	\$8,610			Addendum 10 Drawings Changes
10/14/2015	DA-4779/C09	0014	\$24,145			Install Pathway and Conduit for Future Car Chargers
10/15/2015	DA-4779/C09	0015	\$4,890			Communications Requirement - Added Scope
10/21/2015	DA-4779/C09	0016	\$1,066			Install Tamper Switch
<b>DA-4779-PBB - PASSENGER BOARDING BRIDGES RELOCATION</b>						
10/15/2015	DA-4779/C04	0017		\$177,553		Pre-Conditioned Air Unit Repair
10/12/2015	DA-4779/C04	0016	\$2,357			Gate 22 Plumbing Correction Notice (CGMP 04.02)

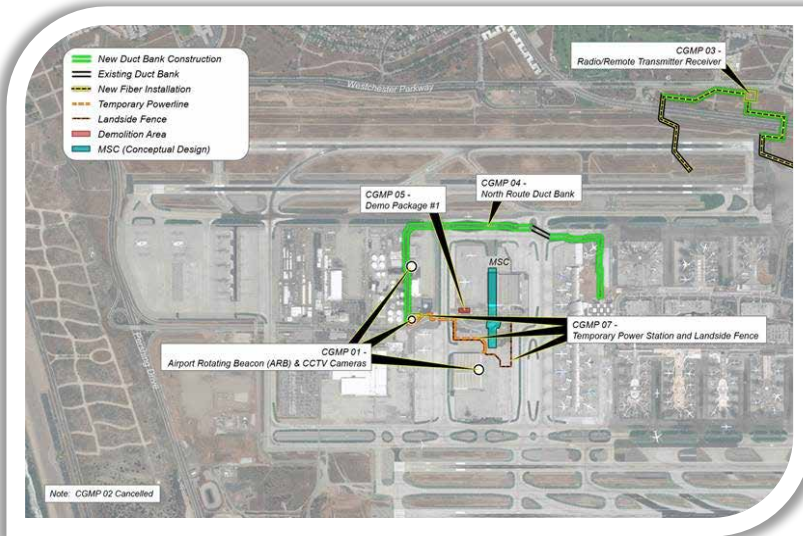
Projects	Contract	Change Order No	< \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>Terminal Element</b>						
<b>DA-4779-T2SF - TERMINAL 2 RENOVATION</b>						
10/9/2015	DA-4779/C03	0025	\$398			Purchase a Verizon 4G LTE Broadband Router with Voice
10/15/2015	DA-4779/C03	0026	\$23,261			Room 2547 Door Reversal and Revised Lighting Plan
10/15/2015	DA-4779/C03	0027	\$36,618			Fireproof Patching for EDS Area
10/15/2015	DA-4779/C03	0028	\$3,445			1062A North Elevation Wall and Ceiling
10/16/2015	DA-4779/C03	0029	(\$5,733)			Delete Scope of Work for Power Supply and 2" Conduit
10/14/2015	DA-4779/C03	0023	\$65,230			Design Notice-011 - Terminal 2 Ticket Counters
10/13/2015	DA-4779/C03	0024	\$2,514			Relocate (2) PTZ Cameras Temporarily Outside of W-3 Barricades
10/14/2015	DA-4779/C03	0025	\$11,218			North Soffit Demolition at Departures Phase 3
10/26/2015	DA-4779/C03	0026	\$14,216			West Jet Temporary BSO Room 1017
10/27/2015	DA-4779/C03	0027	\$3,355			Provide and Install One (1) 2-Sided Sign Type B3
10/14/2015	DA-4779/C03	0001	(\$33,886)			Replace Final Filters from MERV 15 to MERV 13 in All Fifteen (15) AHU's
10/13/2015	DA-4779/C03	0002	(\$29,856)			Change Chilled Water Coils From Split Coils to Single Coil in Four AHU's
10/15/2015	DA-4779/C03	0009	\$2,934			CBP Separate Viewing Location for CCTV Cameras



### Project Description

The new Midfield Satellite Concourse (MSC), west of the Tom Bradley International Terminal (TBIT) will provide 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).

An early enabling contract was awarded to prepare the site for the MSC North Gates construction; and consists of relocating the Beacon tower, Closed Circuit Television (CCTV) cameras, Radio Transmitter Receiver (RTR) and other similar efforts.



### Recent Project Achievements

- Ø The Airport Rotating Beacon (ARB) installation was completed in October 2015.
- Ø The MSC Project Management Office (PMO) complex is complete and is occupied. Punchlist activity is underway.

### Budget Status

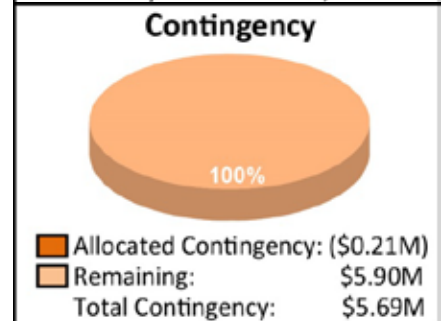
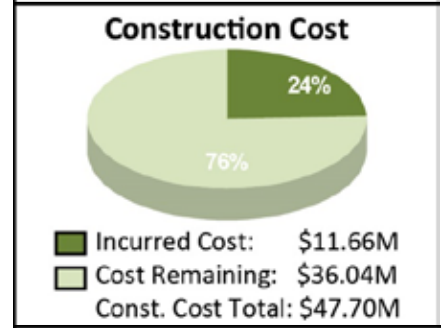
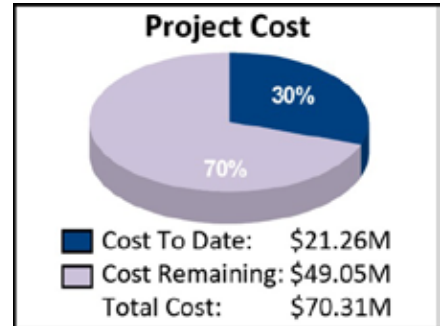
The project is trending to budget and currently has surplus project contingency.

### Schedule Status

The Airport Rotating Beacon (ARB) activation, testing and final cut-over is scheduled for November 2015. A time extension is being processed for the ARB work, resulting from the FAA-approved equipment vendor. The CCTV cameras and associated infrastructure is scheduled for cut-over in December 2015.

As of: November 1, 2015	Status	Completion Date	Variance to Baseline Finish (Days)
<b>Midfield Satellite Concourse - Enabling Project (Various)</b>			
CGMP #1 Airport Beacon - Construction Complete	●	30-Dec-15	-61
CGMP #3 Radio Transmitter Receiver - Construction Complete	●	9-Dec-15	2
CGMP #4 Communication Ductbank - Construction Complete	●	13-May-16	18
CGMP #5 Demo Package #1 - Construction Complete	●	30-Dec-15	0

● On-Time   
 ● Behind Schedule   
 ● Requires Mitigation



Project Description

The Midfield Satellite Concourse (MSC) will function primarily as an international departure and arrival concourse. The MSC will have a flexible flight line allowing it to accommodate both wide and narrow body aircraft. The first phase is for the northern portion of the facility and includes new gates and apron. Construction also includes full build-out of Taxilane T on the east side and the construction of Taxilane C12 on the west side of the facility.

Recent Project Achievements

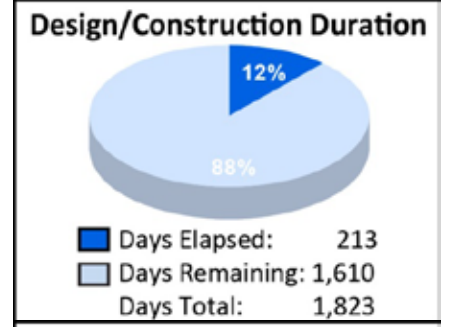
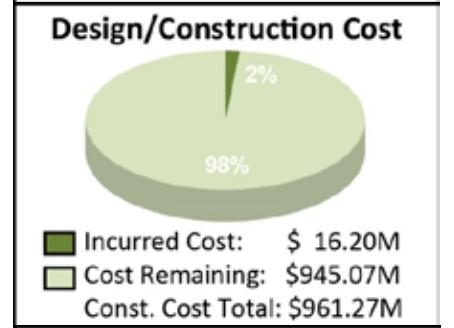
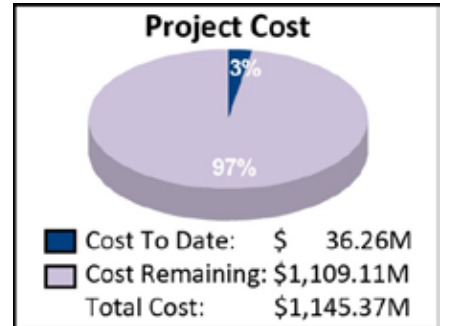
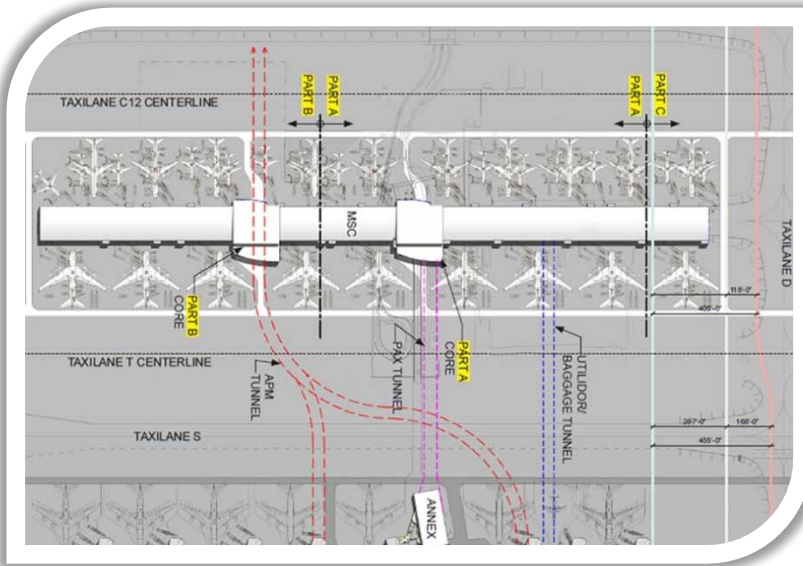
- Ø The project team completed a review of the 50% Basis of Design Submittal and returned those comments to the contractor in October 2015.
- Ø The contractor submitted the Phase 1 Baseline Schedule for review in October 2015.

Budget Status

The project is in the design phase and trending to budget. The project team is working with the design/builder to monitor the potential budget requirements for any new or enhanced project scope.

Schedule Status

The Basis of Design is anticipated by the contractor in November 2015. A Time Impact Analysis (TIA) representing owner-added expanded concessions and lounge space will be submitted to determine the actual impacts to project milestones and completion date.



As of: November 1, 2015

	Status	Completion Date	Variance to BaseLine Finish (Days)
<b>Midfield Satellite Concourse - North (Phase 1)</b>			
MSC North - NTP Phase 2	●	5-Aug-16	0
MSC North - Substantial Completion	●	28-Nov-19	0
MSC North - Final Acceptance	●	27-Mar-20	0

● On-Time   ● Behind Schedule   ● Requires Mitigation

(dollars in thousands)							
Status	Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
	<b>Capital Budget 3</b>						
Active	MSC Enabling Project	74,990	75,982	62,187	21,262	70,307	5,675
Active	MSC North Gates	1,248,650	1,248,650	992,976	36,262	1,145,374	103,276
	<b>Subtotal: Capital Budget 3</b>	<b>1,323,640</b>	<b>1,324,632</b>	<b>1,055,163</b>	<b>57,524</b>	<b>1,215,681</b>	<b>108,951</b>
	<b>MSC Element: Total</b>	<b>1,323,640</b>	<b>1,324,632</b>	<b>1,055,163</b>	<b>57,524</b>	<b>1,215,681</b>	<b>108,951</b>

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Projects	Contract	Change Order No	\$0 - \$150K	\$150K - \$1Mil	> \$1Mil	Notes
<b>MSC Element</b>						
<b>DA-4924 - MSC NORTH ENABLING PROJECT</b>						
10/1/2015	DA-4924/CGM	0008	\$18,773			CGMP 03 - Concrete Collar at the Vehicle Service Road
10/15/2015	DA-4924/CGM	0002	\$5,341			CGMP 04 - Provide and Install Brass Monuments for AOA Communication Lines





## Project Description

LAX

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

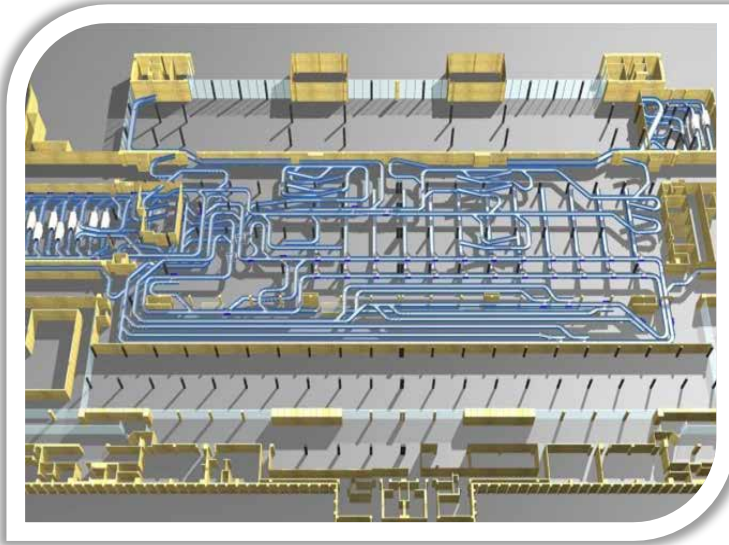
the respective TCM agreement and the cost of any related non-premises improvements. In accordance with the TCM agreements, the development and investment in non-premises improvements in the terminal facilities and Theme Building are capital assets to be acquired by LAWA subject to Board approval of each DIP.



## Project Description

LAX

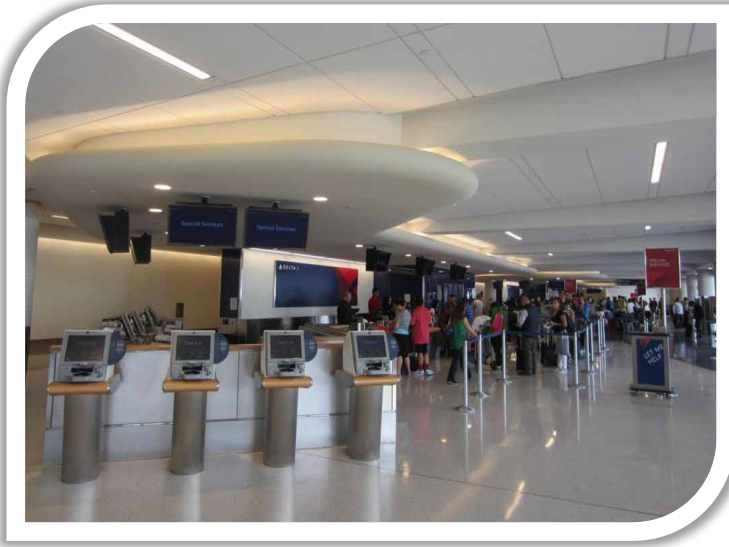
Southwest Airlines is undergoing a major renovation program for Terminal 1. These renovations include: improvements to the passenger security screening checkpoint; the design and implementation of a new inline Checked Baggage Inspection System (CBIS) and baggage sorting system; upgraded holdrooms and 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.



## Project Description

LAX

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.



## Project Description

LAX

Delta Air Lines 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 Air Lines, Elevator and Escalator Replacement and Concessions.

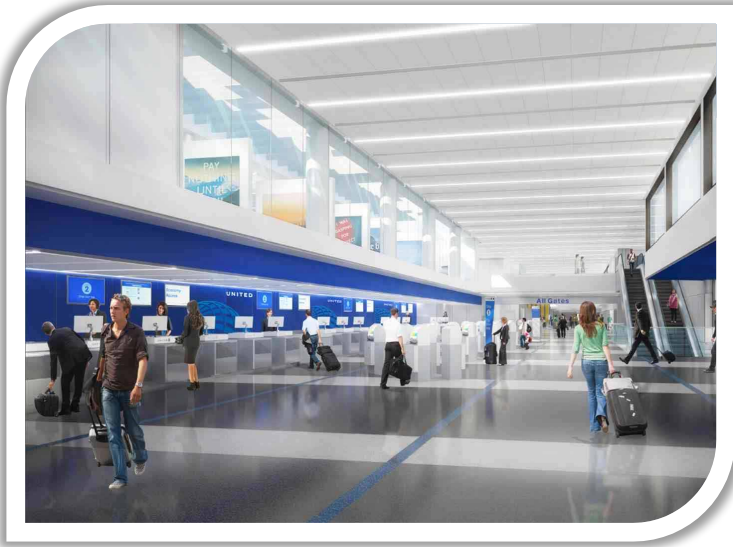




## Project Description

LAX

Alaska Airlines completed an upgrade of Terminal 6 in March 2012. These upgrades include: construction of an in-line baggage screening facility project; ticket lobby renovations; construction of additional lanes for the Security Screening Check Point (SSCP); reconstruction of the Federal Inspection Services (FIS) corridor in the satellite extension; replacement of the escalators and elevators in the terminal and upgrading the departure area finishes. Major renovations to the terminals concessions areas are ongoing as part of the Tenant Concessions Management (TCM) Program.



## Project Description

LAX

United Airlines is preparing a major renovation program for Terminal 7/8. These renovations include: improvements to the passenger Security Screening Check Point (SSCP); 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.

## User's Guide - Budget Reports

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

**Baseline Budget** – For projects in Capital Budget 1, it 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. For projects in Capital Budget 2 and 3, it is determined when the contract is awarded by the Board.

**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).

(dollars in thousands)						
Description	Baseline Budget	Current Budget	Committed to Date	Incurred to Date	Estimate at Completion (EAC)	Variance (Current Budget-EAC)
<b>Capital Budget 1</b>						
Airside Element	506,810	475,668	405,131	404,244	470,020	5,648
Terminal Element:						
Bradley West Program	2,040,915	2,117,444	2,109,308	2,038,960	2,130,454	(13,010)
Elevator & Escalator Program	270,000	242,580	225,525	172,221	226,366	16,214
Utilities & Landside Element:						
Central Utility Plant Program	423,835	406,121	391,727	383,679	396,168	9,953
Infrastructure Program	8,175	13,723	13,723	13,723	13,723	0
Residential/Soundproofing Element	180,000	153,187	152,437	152,437	153,187	0
CB1-Unallocated Contingency	N/A	24,122	N/A	N/A	0	24,122
<b>Subtotal: Capital Budget 1</b>		<b>3,432,845</b>	<b>3,297,851</b>	<b>3,165,264</b>	<b>3,389,918</b>	<b>42,927</b>
<b>Capital Budget 2</b>						
Airside Element	51,421	44,017	41,641	41,641	42,033	1,984
Terminal Element	431,536	434,911	364,522	178,267	414,240	20,671
Utilities & Landside Element	101,642	124,369	107,869	88,219	113,692	10,677
Residential/Soundproofing Element	1,317	1,124	1,124	1,124	1,124	0
CB2-Unallocated Contingency	N/A	28,705	N/A	N/A	0	28,705
<b>Subtotal: Capital Budget 2</b>		<b>633,126</b>	<b>515,156</b>	<b>309,251</b>	<b>571,089</b>	<b>62,037</b>
<b>Capital Budget 3</b>						
Airside Element	237,094	237,094	190,696	105,304	220,916	16,178
Terminal Element	1,620	22,172	18,551	1,822	21,400	772
Utilities & Landside Element	41,590	45,379	37,867	18,955	40,186	5,193
Midfield Satellite Concourse Element	1,323,640	1,324,632	1,055,163	57,524	1,215,681	108,951
CB3-Unallocated Contingency	N/A	0	N/A	N/A	0	0
<b>Subtotal: Capital Budget 3</b>		<b>1,629,277</b>	<b>1,302,277</b>	<b>183,605</b>	<b>1,498,183</b>	<b>131,094</b>
Projects in Development	N/A	N/A	12,118	10,816	N/A	N/A
<b>Report Total</b>		<b>5,695,248</b>	<b>5,127,402</b>	<b>3,668,936</b>	<b>5,459,190</b>	<b>N/A</b>

Notes: 1. The Baseline Budget and Current Budget will change as scope is approved by the Board of Airport Commissioners and moves from Development to Delivery.  
2. This report is for project management purposes only. Amounts shown above as "Incurred to Date" for projects may reflect aggregate amounts for multiple project components tracked in LAWA's financial system. These amounts may differ from those reflected in LAWA's accounting systems, due to the timing of expense recognition or other accounting practices, and should not be relied upon for investment purposes.



<b>SUBCONTRACTOR UTILIZATION SUMMARY REPORT</b>		Achieved Participation to Date*				Remarks
Firm	Contract No.	Proposed Level of Participation	SBE	DBE	M/WBE	
<b><u>SBE PROCURED CONTRACTS</u></b>						
AVB Management Partners Joint Venture	DA-4834	20.00%	<b>32.03%</b>	N/A	14.63%	
Griffith	DA-4948	20.00%	<b>25.94%</b>	N/A	N/A	
Griffith/Coffman Joint Venture	DA-4925	17.00%	<b>21.90%</b>	N/A	N/A	
Hill/APSI Joint Venture	DA-4828	20.00%	<b>21.88%</b>	N/A	N/A	
Integrated Project Control Team (IPCT) Joint Venture	DA-4829	20.00%	<b>88.42%</b>	N/A	N/A	
Myers & Sons/Banicki Joint Venture	DA-4879	15.00%	<b>17.63%</b>	N/A	N/A	
Parsons Transportation Group	DA-4835	20.00%	<b>28.22%</b>	N/A	N/A	
Skanska W.E. O'Neil Joint Venture	DA-4924	25.00%	<b>23.94%</b>	N/A	N/A	
Steve Bubalo Construction Co	DA-4926	10.00%	<b>86.88%</b>	N/A	N/A	
Turner/PCL Joint Venture	DA-4971	15.00%	<b>26.92%</b>	N/A	N/A	
W.E. O'Neil Construction	DA-4923	11.60%	<b>20.88%</b>	N/A	N/A	
Paslay Management Group	DA-4976	15.00%	<b>0.00%</b>	N/A	20.71%	
<b><u>DBE PROCURED CONTRACTS</u></b>						
AECOM Technical Services, Inc.	DA-4260	12.00%	N/A	<b>19.81%</b>	N/A	
Atkins	DA-4515	24.00%	N/A	<b>23.84%</b>	N/A	
Clark McCarthy Joint Venture	DA-4849	18.05%	6.17%	N/A	N/A	
Fentress Architects	DA-4274	13.75%	N/A	<b>5.95%</b>	12.22%	
Griffith/Coffman Joint Venture	DA-4974	9.50%		<b>0.00%</b>		Pending First Billing
Kimley-Horn and Associates	DA-4555	5.13%	N/A	<b>8.14%</b>	5.84%	
Turner Construction Company	DA-4798	15.00%	0.68%	<b>0.88%</b>	N/A	
Griffith-Coffman JV	DA-5009	4.46%	N/A	<b>0.00%</b>	N/A	Pending First Billing

<b>SUBCONTRACTOR UTILIZATION SUMMARY REPORT</b>		Achieved Participation to Date*				Remarks
Firm	Contract No.	Proposed Level of Participation	SBE	DBE	M/WBE	
<b><u>M/WBE PROCURED CONTRACTS</u></b>						
Atkins	DA-4679	11.50%	N/A	8.77%	<b>2.92%</b>	
Base Architecture	DA-4713	20.00%	N/A	0.00%	<b>26.46%</b>	
Clark/McCarthy Joint Venture - Construction	DA-4554	16.00%	N/A	N/A	<b>14.21%</b>	
Clark/McCarthy Joint Venture - Design	DA-4554	20.10%	N/A	N/A	<b>19.16%</b>	
AC Martin Partners (Formerly Gin Wong)	DA-4750	20.00%	N/A	N/A	<b>42.54%</b>	
Gruen Associates	DA-4761	25.00%	N/A	N/A	<b>49.32%</b>	
Rivers & Christian	DA-4762	26.00%	N/A	N/A	<b>27.27%</b>	
Skidmore Owings & Merrill	DA-4822	23.00%	N/A	N/A	<b>21.25%</b>	
Turner Construction Company	DA-4779	15.00%	N/A	N/A	<b>10.45%</b>	
URS Corporation, Inc.	DA-4763	20.00%	N/A	N/A	<b>22.15%</b>	
W.E. O'Neil Construction Co. of California	DA-4712	9.60%	N/A	N/A	<b>5.55%</b>	

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