

Landside Access Modernization Program (LAMP)

Mitigation Monitoring and Reporting Program

2018 Annual Progress Report

Prepared by Los Angeles World Airports
Environmental Programs Group,
Planning & Development Group,
& the LAMP Coordination Team

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Introduction

Landside Access Modernization Program (LAMP)

The California Environmental Quality Act (CEQA) requires the adoption of a Mitigation Monitoring and Reporting Program (MMRP) to report on environmental impacts associated with a development project. The adopted MMRP describes the procedures for the implementation of a project's mitigation measures. Monitoring and implementation of all of the measures are the responsibility of Los Angeles World Airports (LAWA), and/or the party implementing the project. LAWA, at its discretion, may delegate implementation responsibility or portions thereof to a licensed contractor or other responsible party.

The primary purpose of this report is to document and report on the status of the current and recently completed mitigation measures set forth in the adopted MMRP for the period from **January 1, 2018 through December 31, 2018**.

**To view the project's adopted MMRP and previous annual progress reports, please visit <https://www.lawa.org/en/lawa-our-lax/studies-and-reports/mitigation-monitoring-reporting-program>.

Project Background

Landside Access Modernization Program (LAMP)

The Landside Access Modernization Program (LAMP) is a multi-billion dollar capital improvement project that seeks to enrich passenger experience, relieve congestion, and enhance LAX's status as a world-class airport. Key components of LAMP include the construction of an Automated People Mover (APM) system, Intermodal Transportation Facilities (ITFs), a Consolidated Rental Car Facility (ConRAC), and associated roadway improvements.

In order to implement this complex project, each component is anticipated to have its own construction and design team. Mitigation measures may be applicable to one or more projects and reported on by multiple teams, as well as Los Angeles World Airports (LAWA).

This Annual Progress Report for the LAMP Mitigation Monitoring and Reporting Program (MMRP) includes the progress made during the past reporting year. **It should be noted that two teams conducted construction activities during the 2018 reporting period.**

Project Element Teams

Landside Access Modernization Program (LAMP)

Project Element Teams	Acronym/ Abbreviation	General Scope of Work	Active during 2018
Automated People Mover	APM	Generally responsible for the design/construction of the six APM stations, APM guideway, and the APM Maintenance and Storage Facility (MSF), including roadways and other improvements.	Yes
Consolidated Rent-a-Car Facility	ConRAC	Responsible for the design/construction of the ConRAC facility and associated roadways and other improvements.	No
Intermodal Transportation Facility – West	ITFW	Responsible for the design/construction of ITF – West, which will provide a location outside of the terminals where people can park and then ride the APM into the airport.	No
Roadways, Utilities, and Enabling*	RUE	Responsible for utility relocations, roadway improvements, and other enabling projects and services.	Yes

*Previously “Utilities and LAMP Enabling Projects” or “LULEP” in the 2017 annual progress report.

MMRP Summary Table Overview

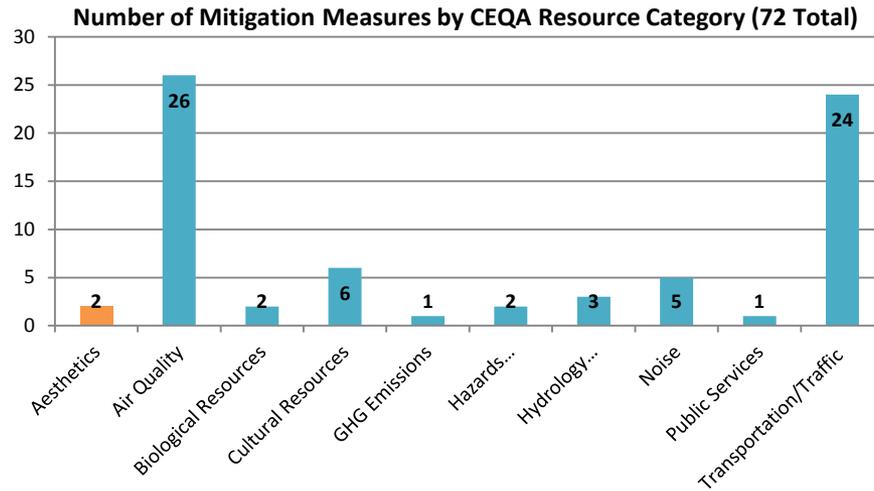
Landside Access Modernization Program (LAMP)

The MMRP Summary Table provides an overview of the progress of the implementation of mitigation measures during the reporting period. The following are included in the table:

- **Resource Category** – lists the environmental factor/resource category
- **Measure ID** – lists the mitigation number as identified in the project’s MMRP
- **Status** – the following categories state the progress of the measure’s implementation at time of reporting:
 - **Completed:** Mitigation measure was completed during this reporting period.
 - **In Progress:** Mitigation measure was implemented or is ongoing during the reporting period.
 - **Not Triggered:** Mitigation measure was not triggered during the reporting period. These measures may be triggered in future reporting periods.
- **Responsible Party** – The development team responsible for implementing the mitigation measure. This also includes LAWA. Please note that LAMP contains multiple components that are expected to begin implementation at different timeframes.

Aesthetics

Landside Access Modernization Program (LAMP)



Status of Aesthetics Mitigation Measures



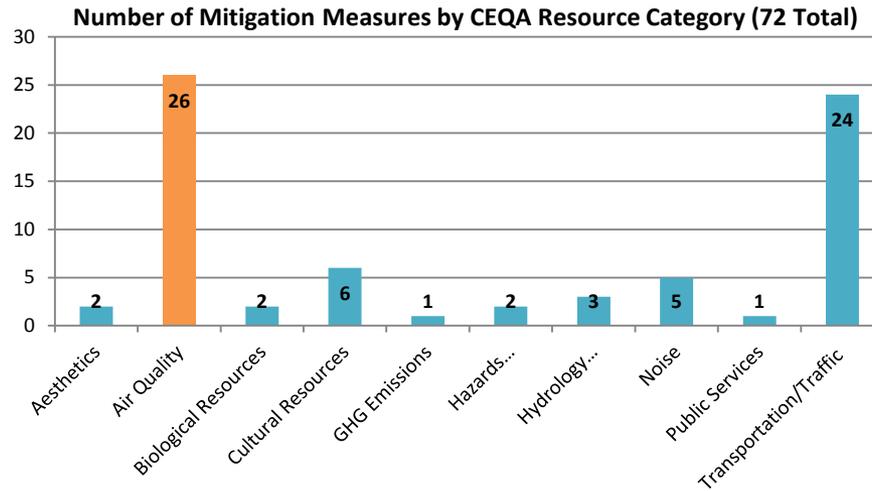
■ Completed* ■ In Progress ■ Not Triggered

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-A-1	Ensure that lighting will not interfere with airport or pilot operations	In Progress	APM: The APM developer worked on a site layout lighting controls plan that will be submitted to LAWA in 2019.	APM, ConRAC, ITFW
MM-A (LAMP)-1	Application of Design Features to Protect the Theme Building's aesthetic context	In Progress	APM: An Environmental Management Plan, which included the preservation of the Theme Building, was in development for LAWA's approval in 2018. LAWA: LAWA included this as a contract requirement and will review the APM guideway structure design/aesthetics once submitted in 2019.	APM, LAWA

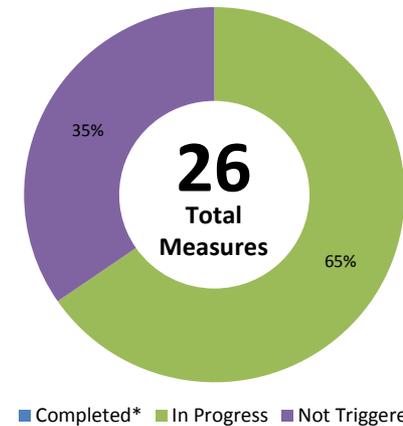
*All applicable project elements must complete the measure in order for it to be considered "completed."

Air Quality

Landside Access Modernization Program (LAMP)



Status of Air Quality Mitigation Measures



Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-AQ-1a	Post signage for dust complaints	In Progress	<p>APM: The APM developer did not post signs during the 2018 reporting period because they did not have access to their construction laydown yard yet.</p> <p>RUE: The RUE contractor posted signs for storm drain work during the reporting period in compliance with this measure.</p>	All Contractors
LAX-AQ-1b	Cover or treat all ground surfaces to minimize fugitive dust emissions	In Progress	<p>APM: The APM developer operated water trucks and street sweepers daily during the reporting period.</p> <p>RUE: The RUE contractor watered daily during the reporting period.</p>	All Contractors

*All applicable teams must complete the measure in order for it to be considered "completed."

Air Quality (cont.)

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-AQ-1c	Lay building pads/install roadways, sidewalks, etc. as soon as practical	In Progress	<p>APM: During the reporting period, the APM developer did not conduct work that required the installation of building pads, roadways, sidewalks, etc. during the 2018 reporting period.</p> <p>RUE: During the 2018 reporting period, the RUE contractor installed roadways and sidewalks as soon as practical. In 2018, the RUE contractors completed early release work projects which included the relocation of Avis Rental Cars, utility work along 98th Street/Aviation Boulevard, and reconfiguration of the Metro Bus Center, among other things.</p>	All Contractors
LAX-AQ-1d	Prohibit idling/queuing of diesel-fueled vehicles in excess of 5 minutes	In Progress	<p>APM and RUE: No violations were noted in 2018.</p>	All Contractors
LAX-AQ-1e	Outfit construction diesel-fueled equipment with the best available emission control devices	In Progress	<p>APM: The APM developer submitted equipment lists to LAWA for review and approval. Forty-seven (47) on-road and two (2) off-road pieces of equipment were approved. Two (2) off-road exceptions were granted during the reporting period. No violations noted in 2018.</p> <p>RUE: The RUE contractor submitted equipment lists to LAWA for review and approval. Twenty (20) on-road and fifty-five (55) off-road pieces of equipment were approved. Three (3) off-road exceptions were granted during the reporting period. No violations were noted in 2018.</p>	All Contractors
LAX-AQ-1f	Pave construction access roads at least 100 feet onto the site from the main road	In Progress	<p>APM: The APM developer did not conduct construction activities requiring the pavement of access roads.</p> <p>RUE: The RUE contractor paved construction access roads in compliance with this measure during the 2018 reporting period.</p>	All Contractors

Air Quality (cont.)

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-AQ-1g	Have construction employees' work/commute during the off-peak hours to the extent feasible	In Progress	APM and RUE: The standard work hours for construction employees is 7:00 a.m. to 3:30 p.m., which avoids peak commute hours. The MMRP defines peak commute hours between 7:00 a.m. to 9:00 a.m. and between 4:30 p.m. to 6:30 p.m. During the 2018 reporting period, several variances were granted by the Los Angeles Police Department (LAPD) for RUE work during nighttime hours and peak hours requiring workers to commute during peak periods. The APM developer did not conduct work at night during the 2018 reporting period.	All Contractors
LAX-AQ-1h	Make on-site lunch trucks available during construction	In Progress	APM and RUE: Lunch trucks visited areas available to construction workers on a regular basis during the 2018 reporting period.	All Contractors
LAX-AQ-1j	Provide electricity from the electric grid and portable generators using clean-burning diesel	In Progress	APM and RUE: The LAMP, APM, and RUE offices are connected to grid power.	All Contractors
LAX-AQ-1i	Prohibit construction equipment engine tampering	In Progress	APM and RUE: No violations were noted in 2018.	All Contractors
LAX-AQ-1m	Designate a person(s) to ensure implementation of all construction-related measures	In Progress*	APM: The APM developer designated a point person to ensure the implementation of all construction-related measures. This measure is complete for APM. RUE: A point person was designated in 2017. This measure is complete for RUE.	All Contractors

*All applicable project elements must complete the measure in order for it to be considered "completed."

Air Quality (cont.)

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-AQ-1n	Locate rock-crushing operations and laydown/stockpile areas away from LAX-adjacent residents, to the extent possible	In Progress	APM and RUE: The LAMP rock crusher will be located in Manchester Square away from LAX-adjacent residents. The RUE laydown/stockpile area is located at an existing LAX yard at 6401 Westchester Parkway and the APM laydown/stockpile areas are located near the future APM right-of-way. Both project team laydown/stockpile areas are away from LAX-adjacent residents.	All Contractors
LAX-AQ-1o	On-road trucks 14,001 lbs or more must comply with USEPA 2010 on-road standards for PM10 and Nox	In Progress	APM: The APM developer submitted equipment lists to LAWA for review and approval. Forty-seven (47) on-road pieces of equipment were approved. All approved vehicles complied with current USEPA standards. No on-road exceptions were requested during the reporting period. No violations noted in 2018. RUE: The RUE contractor submitted equipment lists to LAWA for review and approval. Twenty (20) on-road pieces of equipment were approved. All approved vehicles complied with current USEPA standards. No on-road exceptions were requested during the reporting period. No violations were noted in 2018.	All Contractors
LAX-AQ-1p	Off-road diesel-powered construction equipment greater than 50 horsepower shall meet minimum USEPA Tier 4 (final) off-road emission standards	In Progress	APM: Two (2) off-road pieces of equipment were approved during the reporting period. Both were exceptions per LAX-AQ-1q below. No violations noted in 2018. RUE: Fifty-five (55) pieces of off-road equipment were approved. Fifty-two (52) were Tier 4 final with three (3) exceptions granted per LAX-AQ-1q below. No violations noted in 2018.	All Contractors

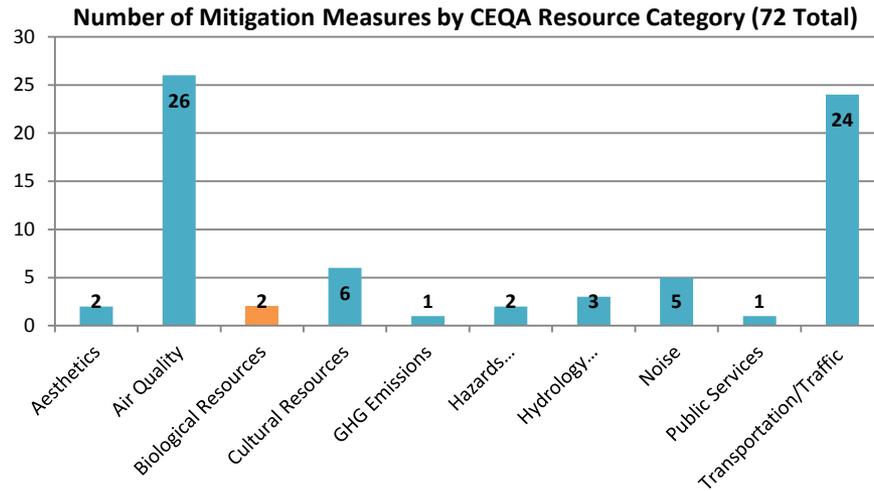
Air Quality (cont.)

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-AQ-1q	Exceptions can be granted when documentation of good faith efforts showing the availability/unavailability of equipment are provided to LAWA. LAX-AQ-1o and LAX-AQ-1p above shall apply unless exceptions are granted per this measure.	In Progress	<p>APM: During the reporting period, one (1) 120 mile exception was granted for a Tier 4 Interim piece of equipment and one (1) 20 day exception was granted for a Tier 0 piece equipment. It was determined after the developer made a good effort that this was the only available piece of equipment that could clear the height limitations needed to drill two borings in Parking Structure 7. This piece of equipment used diesel renewable fuel while on-site and operated for only 23.75 hours. No violations were noted.</p> <p>RUE: Three (3) 120 mile exceptions were granted in the 2018 reporting period for one (1) Tier 3 and two (2) Tier 4 Interim pieces of equipment. No violations were noted.</p>	All Contractors
LAX-AQ-2a	Provide preferential parking locations and free charging for low/zero emissions vehicles	In Progress	<p>LAWA: In the 2018 reporting period, LAWA added 50 electric vehicle chargers at LAX bringing the total of publicly accessible chargers to 100.</p>	APM, ConRAC, ITFW, LAWA
MM-AQ(LAMP)-1	Require the use of renewable diesel fuel for construction equipment for at least 90% of diesel fuel demand	In Progress	<p>APM: The APM developer created plans to place a 12,000 gallon tank on site to store renewable diesel fuel and is evaluating a magnetic card reader to track renewable diesel usage. Fuel receipts will be used to demonstrate that renewable diesel is used for 90% of fuel demand.</p> <p>RUE: The RUE contractor contracted with a local supplier of renewable diesel fuel to deliver to the project sites. The fuel receipts were used to demonstrate that renewable diesel was used for 90% of fuel demand during the reporting period.</p>	All Contractors

Biological Resources

Landside Access Modernization Program (LAMP)



Status of Biological Resources Mitigation Measures



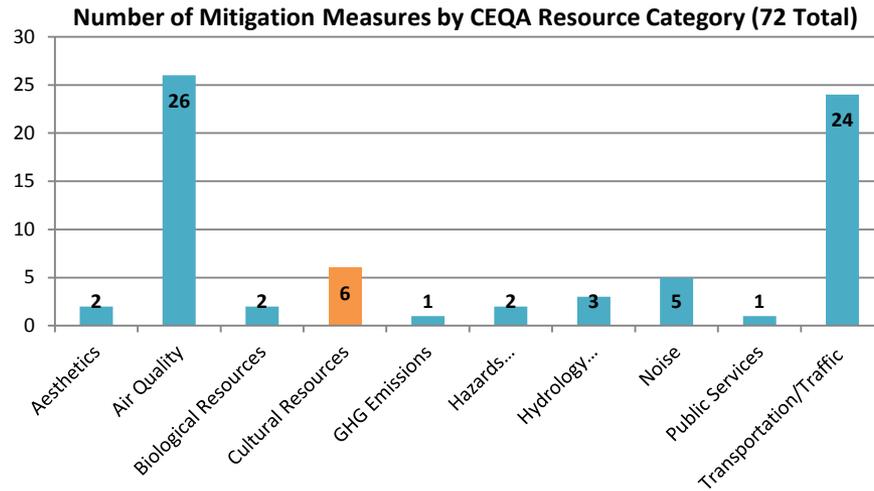
■ Completed* ■ In Progress ■ Not Triggered

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-BR-1	Conservation of Faunal Resources: Nesting Birds/Raptors	In Progress	<p>APM: This is a construction contract requirement. There was no work during the 2018 reporting period that triggered this measure.</p> <p>RUE: This is a construction contract requirement. The RUE contractor conducted a bird survey prior to removal of trees located on private property that was reconfigured as a temporary lot for use by a LAWA tenant to facilitate acquisition of property required for the APM.</p>	All Contractors
LAX-BR-2	Conservation of Floral Resources: Mature Tree Replacement – Nesting Raptors	In Progress	<p>APM and LULEP: LAMP developed and obtained City concurrence for a LAMP-wide street tree removal/replacement tracking tool. Tree removal permit applications were submitted for review/approval in late 2018. Once permits have been obtained, and avian survey will be performed to ensure there is no evidence of nesting raptors prior to removal.</p>	All Contractors

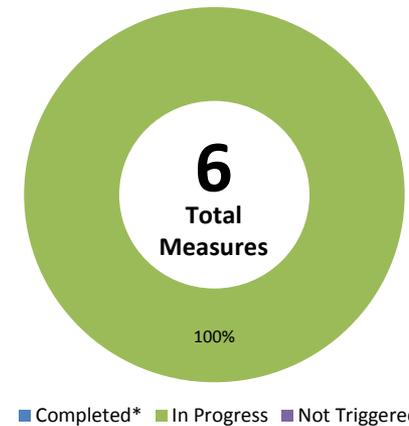
*All applicable project elements must complete the measure in order for it to be considered “completed.”

Cultural Resources

Landside Access Modernization Program (LAMP)



Status of Cultural Resources Mitigation Measures



Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-AR-1	LAWA Archaeological Treatment Plan conformance	In Progress	APM and RUE: This is a construction contract requirement. The APM developer and RUE contractor retained cultural resources firms (archaeological, paleontological, and historical) to monitor the project.	All Contractors
LAX-AR-2	Archaeological resources briefing	In Progress	APM: This is a construction contract requirement. The APM developer will conduct a personnel training prior to grading/excavation activities in 2019. The training will cover both archaeological and paleontological resources. RUE: The RUE contractor completed initial training in 2017 and continues to offer training to earthwork crews as required	All Contractors, LAWA
LAX-PR-1	LAWA Paleontological Management Treatment Plan conformance	In Progress	APM and RUE: This is a construction contract requirement. The APM developer and RUE contractor retained cultural resources firms (archaeological, paleontological, and historical) to monitor the project.	All Contractors

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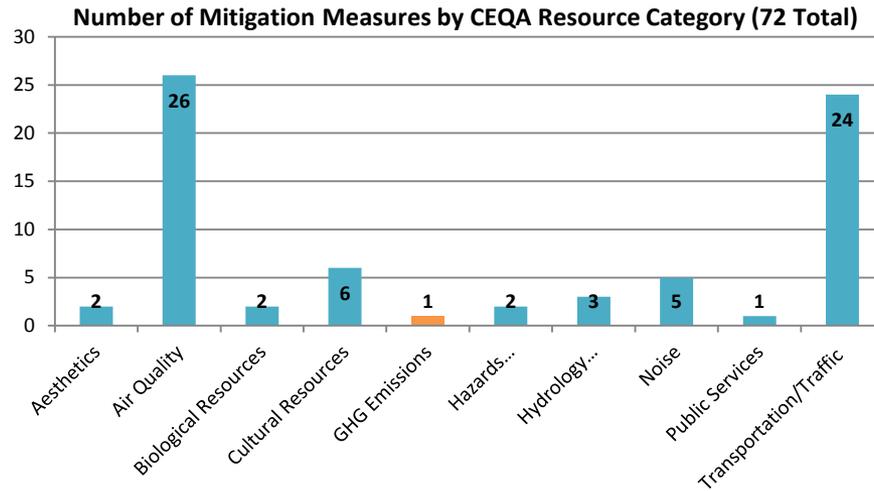
Cultural Resources (cont.)

Landside Access Modernization Program (LAMP)

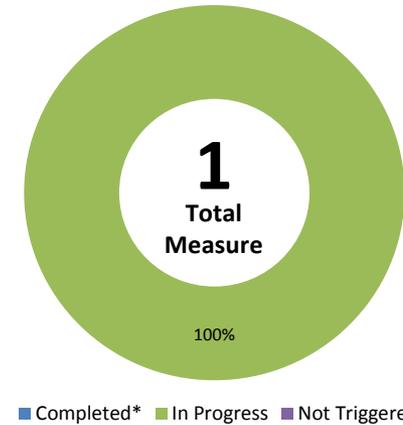
Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-PR-2	Paleontological resources briefing	In Progress	APM and RUE: See LAX-AR-2 on the previous page.	All Contractors, LAWA
MM-HR (LAMP)-1	Preservation of the Theme Building and its setting	In Progress	LAWA: A Historical Resources Report (HSR) was prepared for the Theme Building in 2017, which will be used for the building's rehabilitation and preservation efforts. Rehabilitation of the building and installation of an interpretive program have not started.	LAWA
MM-HR (LAMP)-2	Protection of 1961 Airport Traffic Control Tower (ATCT)	In Progress	APM: The APM developer is ensuring that the design of the APM guideway will not impact the 1961 Air Traffic Control Tower (ATCT). No APM construction activity occurred in the vicinity of the 1961 ATCT during the 2018 reporting period. LAWA: The Clifton A. Moore Administration Building adjacent to the 1961 ATCT will no longer be demolished as part of LAMP as originally proposed.	APM, LAWA

Greenhouse Gas Emissions

Landside Access Modernization Program (LAMP)



Status of GHG Emissions Mitigation Measures

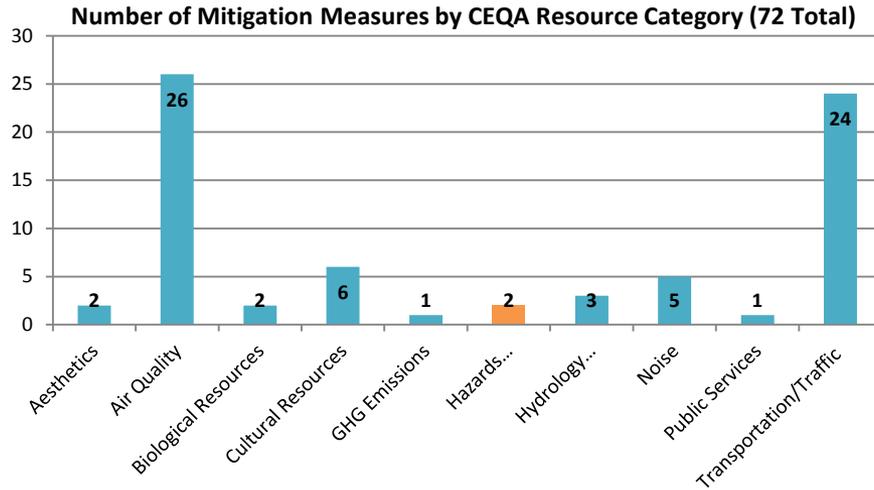


Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-GHG (LAMP)-1	Incorporate Solar Energy into LAMP Facilities Based on Feasibility Studies	In Progress	<p>APM: A feasibility review of solar on the APM’s Maintenance and Storage Facility (MSF) was underway during the 2018 reporting period. No design work was submitted to LAWA in 2018.</p> <p>LAWA: LAWA prepared a solar feasibility study in 2017.</p>	APM, ConRAC, LAWA

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Hazards & Hazardous Materials

Landside Access Modernization Program (LAMP)



Status of Hazards & Hazardous Materials Mitigation Measures

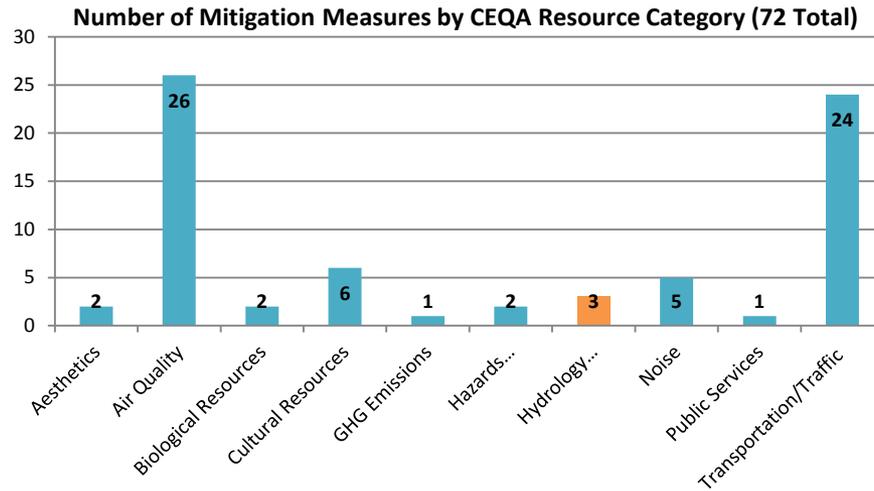


■ Completed* ■ In Progress ■ Not Triggered

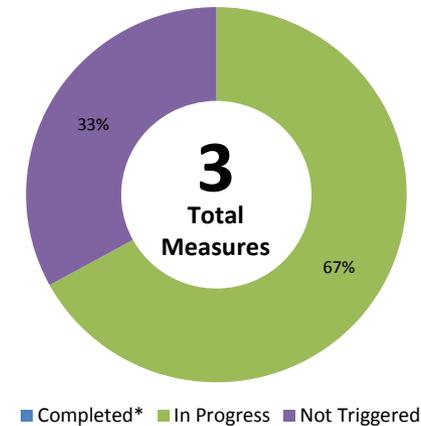
Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-HM-1	Ensure Continued Implementation of Existing Remediation Efforts Affected by Onsite Construction	In Progress	<p>LAWA: A Hazardous Materials Assessment (HMA) of the proposed APM alignment was prepared in March 2017 to identify potential and/or known environmental concerns that may be encountered during construction, and transmitted to applicable project teams.</p> <p>APM and RUE: Construction activities did not occur in or near existing onsite remediation areas in 2018. Therefore, this measure was not triggered.</p>	All Contractors, LAWA
LAX-HM-2	Ensure Continued Implementation of Existing Remediation Efforts on Parcels Subject to Acquisition	In Progress	<p>LAWA: LAWA conducted site assessments of properties that were to be acquired. There were no existing groundwater or soil remediation efforts on parcels that were acquired by LAWA in 2018.</p> <p>APM and RUE: Construction activities did not occur in or near existing onsite remediation areas subject to acquisition in 2018. Therefore, this measure was not triggered.</p>	All Contractors, LAWA

*All applicable project elements must complete the measure in order for it to be considered "completed."

Hydrology, Water Quality, & Groundwater Landside Access Modernization Program (LAMP)



Status of Hydrology, Water Quality, & Groundwater Measures



Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-HWA (LAMP)-1	Project-Specific Stormwater Management Facilities Plans	In Progress	<p>APM: The APM developer did not submit stormwater plans in 2018.</p> <p>RUE: The RUE contractor submitted stormwater plans in 2018 for work at Parking Lot E and for the Metro Bus Terminal Relocation. Stormwater capture/detention/infiltration facilities were designed in accordance to the City of Los Angeles' Low Impact Development (LID) stormwater management strategy to mitigate the impacts of runoff and stormwater pollution. Plans were submitted to the City of Los Angeles Department of Building and Safety (LADBS), and were approved by the Bureau of Sanitation (LASAN), LA Stormwater Program in accordance with the Stormwater and Urban Pollution Control ordinance, Los Angeles Municipal Code (LAMC) 64.70.</p>	All Contractors

*All applicable project elements must complete the measure in order for it to be considered "completed."

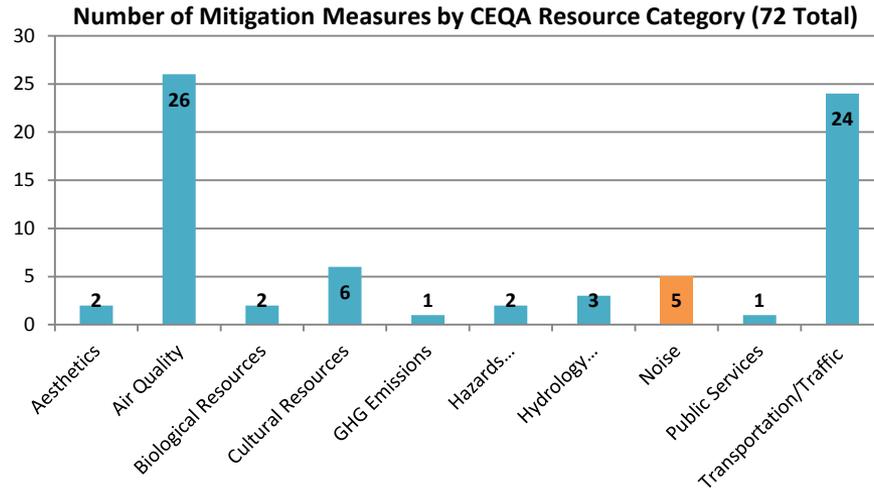
Hydrology, Water Quality, & Groundwater

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-HWA (LAMP)-2	LAWA will construct or support on a fair-share basis, improvements to the existing line to address drainage deficiencies within the storm drain along 96 th Street, Airport Blvd, and Century Blvd.	In Progress	<p>APM: This is a construction contract requirement when applicable.</p> <p>RUE: This is a construction contract requirement when applicable. The Los Angeles County Department of Public Works (LACDPW) confirmed that the storm drain system along Century Boulevard will not require upsizing. There were no updates to report on in 2018 for 96th Street and Airport Boulevard.</p>	All Contractors

Noise

Landside Access Modernization Program (LAMP)



Status of Hydrology, Water Quality, & Groundwater Measures



■ Completed* ■ In Progress ■ Not Triggered

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-N-1a	Develop Construction Noise Control Plan	In Progress*	<p>APM: The developer prepared a Construction Noise Control Plan (CNCP) for submittal to LAWA in 2019. No work was done near noise sensitive uses during the 2018 reporting period.</p> <p>RUE: RUE prepared a CNCP in 2017.</p>	All Contractors
LAX-N-1b	Construction Staging [Shall be Staged as far away from Noise Sensitive uses as Feasible]	In Progress	<p>APM: Staging for the APM developer is located at multiple locations near the future APM right-of-way away from noise sensitive uses.</p> <p>RUE: Staging for RUE is located at 6401 Westchester Parkway in an existing LAX construction-staging area away from noise sensitive uses.</p>	All Contractors

*All applicable project elements must complete the measure in order for it to be considered "completed."

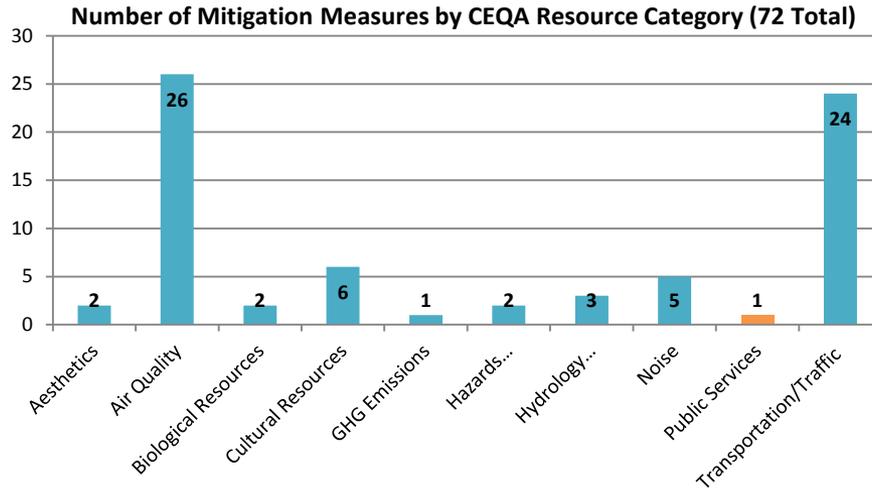
Noise (cont.)

Landside Access Modernization Program (LAMP)

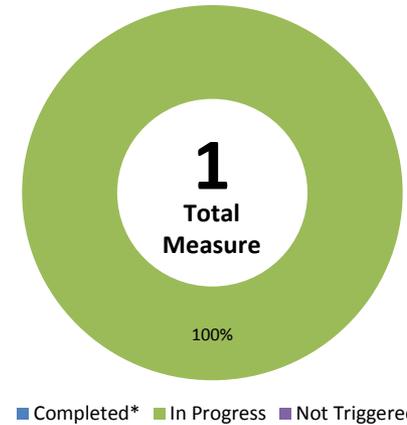
Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
LAX-N-1c	Use “quiet-design” air compressors and stationary noises sources when such technology is commercially available	In Progress	APM and RUE: This is a construction contract requirement. The RUE contractor and APM developer complied with this measure during the 2018 reporting period. No violations were noted.	All Contractors
LAX-N-1d	The timing and/or sequence of the noisiest on-site construction activities shall avoid sensitive times of the day as feasible (9 p.m. – 7a.m. Mon-Fri; 6 p.m. – 8 a.m. Sat; and anytime on Sun. or Holidays)	In Progress	APM and RUE: This is a construction contract requirement. The RUE contractor and APM developer complied with this measure during the 2018 reporting period when feasible. However, there were construction activities during the reporting period that were required to be performed by RUE during nighttime hours in order to minimize traffic impacts during the day. Night work was performed under variances granted by the Los Angeles Police Department (LAPD). The APM developer did not conduct nighttime construction during 2018.	All Contractors
MM-N (LAMP)-1	Use Noise Curtains and Other Noise Barriers when Applicable	In Progress	APM: The APM developer is preparing a Construction Noise Control Plan (CNCP) for submittal to LAWA in 2019. No work was done near noise sensitive uses during the 2018 reporting period. RUE: This requirement was included in the RUE contractor’s CNCP. Noise curtains and other noise barriers are required when there is a 5 dBA increase or above. Noise monitoring was performed in 2018 during utility relocation work performed in the vicinity of the Bright Star Secondary Charter Academy and the Stella Charter Middle School in Manchester Square. LAWA has reviewed noise data to ensure that no increases of 5 dBA or above occurred and determined that the construction noise sources were far enough away that noise blankets and noise curtains were not required.	All Contractors

Public Services

Landside Access Modernization Program (LAMP)



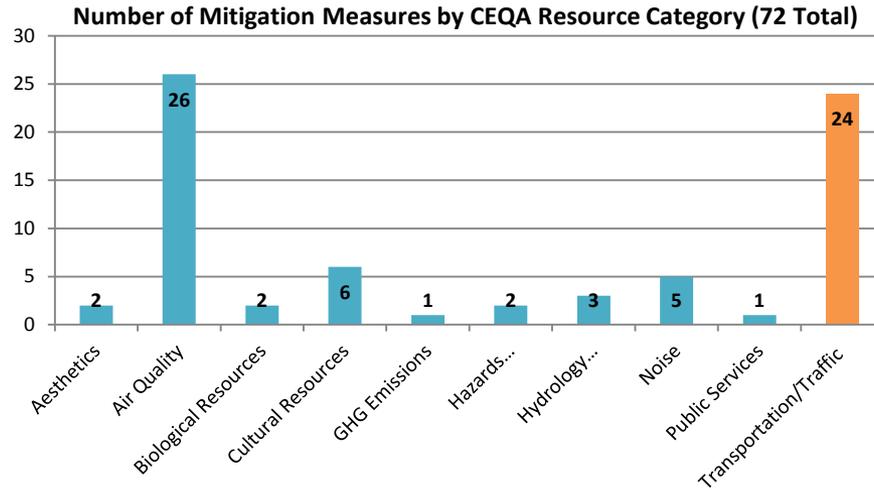
Status of Public Services Mitigation Measures



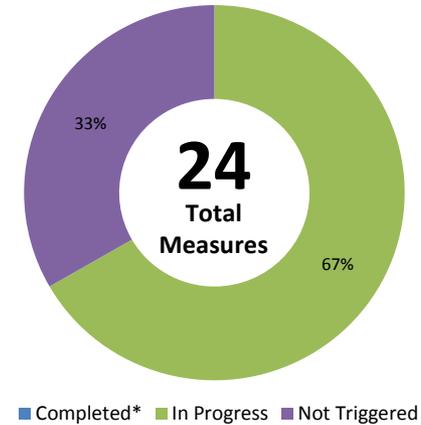
Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-PS(LAMP)-1	School Relocations	In Progress	LAWA: LAWA is working with the Los Angeles Unified School District (LAUSD) on the relocation of the Brightstar Secondary Charter Academy and the Stella Charter Middle School in Manchester Square. The Stella Charter Middle School will relocate to a new campus in South Los Angeles.	LAWA

Transportation/Traffic

Landside Access Modernization Program (LAMP)



Status of Transportation/Traffic Mitigation Measures



Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-ST (LAMP)-1	Establish a Construction Traffic Project Task Force and Coordinate During the Project's Construction	In Progress*	APM, LAWA, and RUE: LAWA established a Construction Traffic Project Task Force for LAMP in 2017. The Task Force reviews and approves Area Shutdown Requests (ASRs) and LAMP Impact Requests (LIRs), both of which delineate traffic control measures on- and off-airport property, respectively. The Task Force has weekly meetings to review construction traffic requests and contractors will continue to coordinate with it throughout the life of the project. The Task Force also coordinates with applicable agencies such as the Los Angeles Department of Transportation(LADOT) and Caltrans for construction activities that are off-airport property.	All Contractors, LAWA

*All applicable project elements must complete the measure in order for it to be considered "completed."

Transportation/Traffic (cont.)

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-ST (LAMP)-2	Maintenance of at least one lane of traffic or provide detours if not feasible	In Progress	APM and RUE: Both project element teams prepare traffic control plans which incorporate traffic control requirements and LAMP Task Force coordination procedures. The traffic control plans are reviewed and approved by LAWA, LADOT, and other applicable agencies such as Caltrans.	All Contractors
MM-ST (LAMP)-3	Prepare Worksite Traffic Control Plans	In Progress	APM and RUE: Both project element teams prepared worksite traffic control plans (WTCPs) which incorporate traffic MMRP traffic control requirements and LAMP Task Force coordination procedures. The traffic control plans are reviewed and approved by LAWA, LADOT, and other applicable agencies such as Caltrans.	All Contractors
MM-ST (LAMP)-5	Adhere to Traffic Maintenance Requirements During Construction	In Progress	APM and RUE: Both project element teams prepare traffic control plans which incorporate traffic control requirements and LAMP Task Force coordination procedures. The traffic control plans are reviewed and approved by LAWA, LADOT, and other applicable agencies such as Caltrans.	All Contractors
MM-ST (LAMP)-6	Develop a Transportation Demand Management (TDM) Program	In Progress	LAWA: LAWA is working with the City of Inglewood to partner on a TDM program for LAX employees who live in Inglewood. In December 2018, the City of Inglewood released a Request for Proposals (RFP) for a TDM Consultant.	LAWA, City of Inglewood
MM-ST (LAMP)-7	Implement a City of Inglewood Intelligent Transportation System (ITS)	In Progress	Inglewood: This measure was included in the 2017 Memorandum of Understanding (MOU) between the City of Inglewood and LAWA. All Signal System Corridor Improvements in Inglewood were assigned to the City of Inglewood. Design was started during the 2018 reporting period and is being managed by the City of Inglewood.	City of Inglewood

Transportation/Traffic (cont.)

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-ST (LAMP)-10	Arbor Vitae Street/Concourse Way-Isis Avenue Intersection Modification(s)	In Progress	LAWA: Design was started during the 2018 reporting period.	LAWA
MM-ST (LAMP)-11	La Cienega Boulevard/Arbor Vitae Street Intersection Modification(s)	In Progress	Inglewood: This measure was included in the 2017 Memorandum of Understanding (MOU) between the City of Inglewood and LAWA. All Signal System Corridor Improvements in Inglewood were assigned to the City of Inglewood. Design was started during the 2018 reporting period and is being managed by the City of Inglewood.	City of Inglewood
MM-ST (LAMP)-13	La Cienega Boulevard/Florence Avenue Intersection Modification(s)	In Progress	Inglewood: This measure was included in the 2017 Memorandum of Understanding (MOU) between the City of Inglewood and LAWA. All Signal System Corridor Improvements in Inglewood were assigned to the City of Inglewood. Design was started during the 2018 reporting period and is being managed by the City of Inglewood.	City of Inglewood
MM-ST (LAMP)-14	Inglewood Avenue/Century Boulevard Intersection Modification(s)	In Progress	Inglewood: This measure was included in the 2017 Memorandum of Understanding (MOU) between the City of Inglewood and LAWA. All Signal System Corridor Improvements in Inglewood were assigned to the City of Inglewood. Design was started during the 2018 reporting period and is being managed by the City of Inglewood.	City of Inglewood
MM-ST (LAMP)-15	I-105 Freeway Ramps (east of Aviation Boulevard)/Imperial Highway Intersection Modification(s)	In Progress	LAWA: Design was started during the 2018 reporting period.	LAWA

Transportation/Traffic (cont.)

Landside Access Modernization Program (LAMP)

Measure ID	Overview	Status	Summary of how mitigation measure was/is being met	Responsible Party
MM-ST (LAMP)-16	La Cienega Boulevard/Manchester Boulevard Intersection Modification(s)	In Progress	Inglewood: This measure was included in the 2017 Memorandum of Understanding (MOU) between the City of Inglewood and LAWA. All Signal System Corridor Improvements in Inglewood were assigned to the City of Inglewood. Design was started during the 2018 reporting period and is being managed by the City of Inglewood.	City of Inglewood
MM-ST (LAMP)-17	Sepulveda Boulevard/Century Boulevard Intersection Modification(s)	In Progress	LAWA: Design was started during the 2018 reporting period.	LAWA
MM-ST (LAMP)-18	La Brea Avenue/Hawthorne Boulevard and Century Boulevard Intersection Modification(s)	In Progress	Inglewood: This measure was included in the 2017 Memorandum of Understanding (MOU) between the City of Inglewood and LAWA. All Signal System Corridor Improvements in Inglewood were assigned to the City of Inglewood. Design was started during the 2018 reporting period and is being managed by the City of Inglewood.	City of Inglewood
MM-ST (LAMP)-21	La Cienega Boulevard Additional Lane	In Progress	LAWA: Design was started during the 2018 reporting period.	LAWA
MM-ST (LAMP)-22	I-405 Corridor and Network Connectivity Enhancements	In Progress	LAWA: LAWA and Caltrans met regularly during 2018. Design was started during the 2018 reporting period.	LAWA
MM-ST (LAMP)-23	I-105 Freeway Intelligent Transportation System (ITS) Improvements	In Progress	LAWA: Design of the improvements was started during the 2018 reporting period.	LAWA
MM-ST (LAMP)-24	I-405 Freeway Intelligent Transportation System (ITS) Improvements	In Progress	LAWA: Design of the improvements was started during the 2018 reporting period.	LAWA

Appendix A

Measures Not Triggered in 2018

Appendix A

Measures Not Triggered in 2018

Appendix A provides a list of mitigation measures that were not triggered during the 2018 reporting period. However, these mitigation measures will be reported on in future progress reports.

Measure ID	Resource Category	Overview
LAX-AQ-1i	Air Quality	Utilize on-site rock crushing facility, when feasible, during construction to reuse rock/concrete and minimize off-site truck haul trips.
LAX-AQ-1k	Air Quality	Suspend construction equipment during second stage smog alerts
LAX-AQ-2b	Air Quality	Develop measures to reduce air emissions of vehicles in line to exit parking lots (i.e. pay-on-foot before getting into car)
LAX-AQ-2c	Air Quality	Implement on-site circulation plans in parking lots to reduce time/associated air emissions from vehicles looking for parking
LAX-AQ-2d	Air Quality	Promote "best-engine" technology for rental cars using on-airport rent-a-car facilities
LAX-AQ-2e	Air Quality	Consolidate non-rental car shuttles using super ultra low/zero emissions engines
LAX-AQ-2f	Air Quality	Cover any parking structures that receive direct sunlight and install solar panels on these roofs to supply electricity or hot water where feasible
LAX-AQ-2h	Air Quality	Include advanced signage in new parking structures that states the available parking spaces within the structure
LAX-AQ-3	Air Quality	Electric lawn mowers and leaf blowers shall be used for landscape maintenance associated with the project
MM-HWA (LAMP)-3	Hydrology, Water Quality, & Groundwater	Pre-development stormwater runoff rates and volumes shall be maintained for future related development project sites
MM-ST (LAMP)-4	Transportation/Traffic	No designated major or secondary highway will be closed except at night or on weekends, unless approval is granted

Appendix A

Measures Not Triggered in 2018

Measure ID	Resource Category	Overview
MM-ST (LAMP)-8*	Transportation/Traffic	Sepulveda Boulevard Closed Circuit TV (CCTV) Cameras and Changeable Message Signs (CMS) along key access corridors
MM-ST (LAMP)-9	Transportation/Traffic	Airport Boulevard/Century Boulevard Intersection Modification(s)
MM-ST (LAMP)-12	Transportation/Traffic	La Cienega Boulevard/Century Boulevard Intersection Modification(s)
MM-ST (LAMP)-15	Transportation/Traffic	I-105 Freeway Ramps (east of Aviation Boulevard)/Imperial Highway Intersection Modification(s)
MM-ST (LAMP)-17	Transportation/Traffic	Sepulveda Boulevard/Century Boulevard Intersection Modification(s)
MM-ST (LAMP)-19	Transportation/Traffic	I-405 Northbound Auxiliary Lane
MM-ST (LAMP)-20	Transportation/Traffic	Imperial Highway Off-ramp

*Erroneously reported as in progress in the 2017 report. Design for the MM-ST (LAMP)-8 improvement is anticipated to start in 2019.