

Public Workshop and Hearing

LAX Runway 6R-24L Runway Safety Area (RSA)
Improvements Project

Tuesday, April 14, 2015



Public Workshop: 5:00 p.m. to 7:00 p.m.

Public Hearing: 6:00 p.m. to 7:00 p.m.

Flight Path Learning Center
6661 West Imperial Highway
Los Angeles, CA 90045

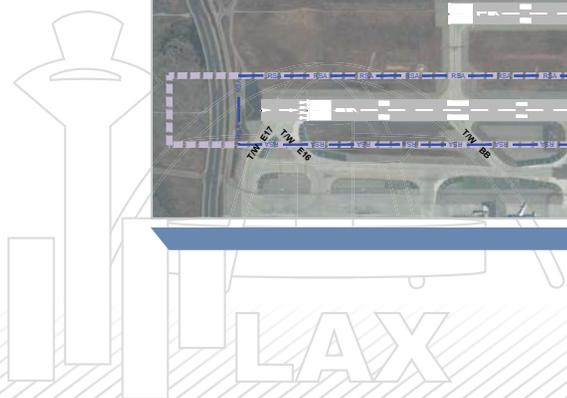
Public Workshop Objectives

- Provide information about the Runway 6R-24L Runway Safety Area (RSA) Improvements Project
- Provide information on the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) processes
- Discuss the information disclosed on potential effects of the proposed Project as included in the Draft Environmental Assessment (EA) and the Draft Initial Study and Proposed Mitigated Negative Declaration (IS/MND)
- Collect community comments on the adequacy of the information and analysis disclosed in the Draft EA and Draft IS/MND

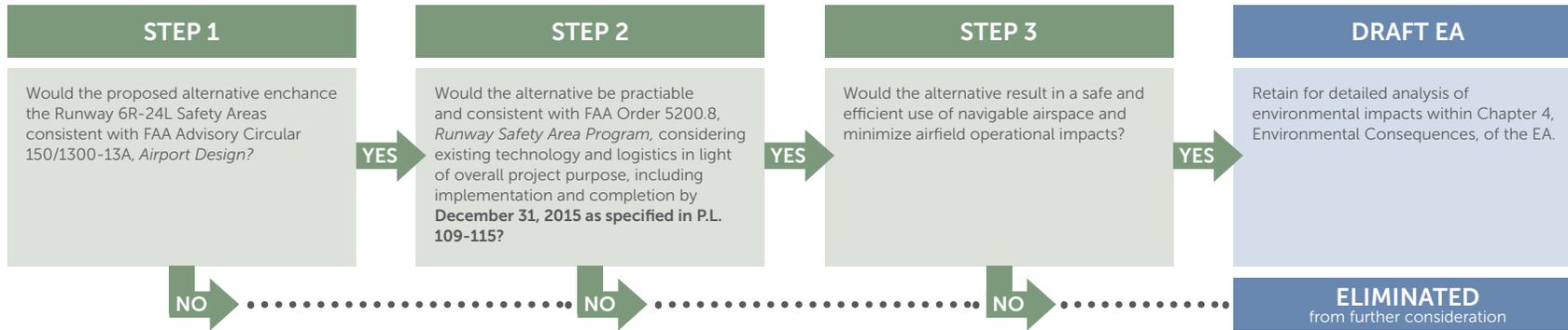


Runway Safety Area Information

- A Runway Safety Area (RSA) is a defined surface surrounding the runway prepared or suitable for reducing the risk of damage to aircraft in the event of an undershoot, overshoot, or excursion from the runway (FAA Advisory Circular 150/5300-13A Airport Design)
- FAA design criteria for Runway 6R-24L mandates an RSA 500 feet wide extending 1,000 feet from each runway end
- Neither the west nor east ends of Runway 6R-24L meet all FAA Airport Design Standards for RSAs

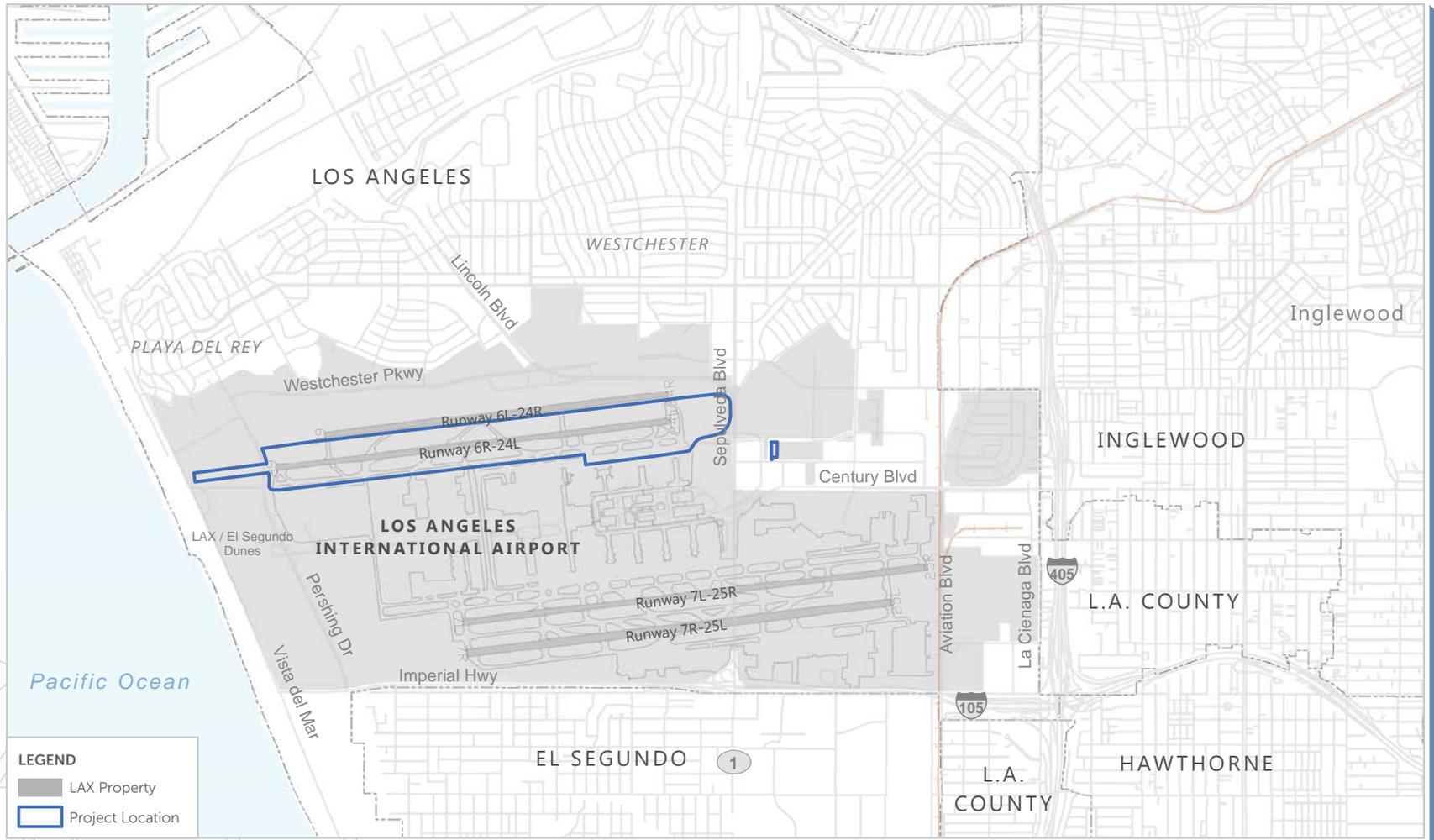


RSA Alternatives Analyzed

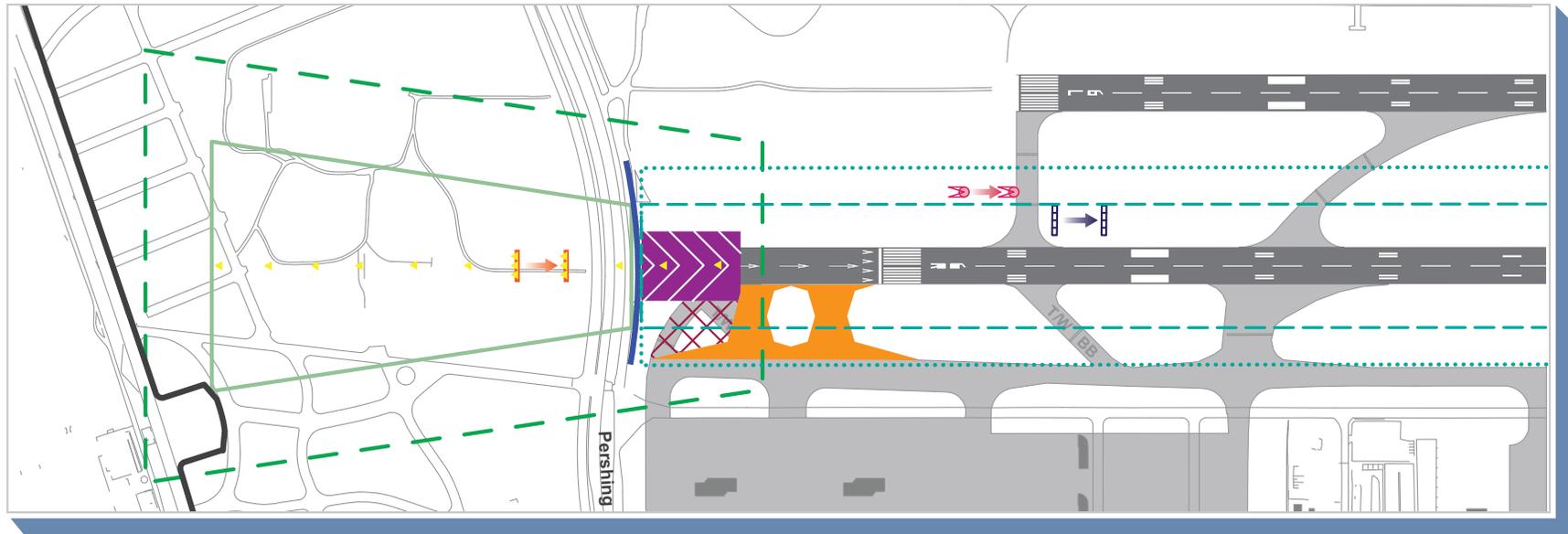


Location	Alternative	Alternative Pass to Next Step			Retained For Further Analysis in the Draft EA?
		STEP 1	STEP 2	STEP 3	
Off-Site/ Operational Alternatives	Use of Other Modes of Transportation	No			No
	Use of Other Public Airports	No			No
	Use of Alternative Aircraft	No			No
On-Site Alternatives	No Action Alternative	No			Yes
	Construct Standard RSA Alternative	Yes	No		No
	Reduce Runway Length Alternative	Yes	Yes	No	No
	Declared Distances Alternative	Yes	Yes	No	No
	Relocate, Shift, or Realign the Runway Alternative(s)	Yes	No		No
	Implement EMAS Alternative	Yes	No		No
	Refinement #1 Alternative	Yes	Yes	Yes	Yes
	Refinement #2 Alternative	No			No
	Refinement #3 Alternative	Yes	No		No
	Refinement #4 Alternative	No			No
	Refinement #5 Alternative	Yes	Yes	No	No
	Refinement #6 Alternative	Yes	Yes	No	No
Refinement #7 Alternative	Yes	Yes	Yes	Yes	
Refinement #8 Alternative, Proposed Action Alternative	Yes	Yes	Yes	Yes	

Project Location

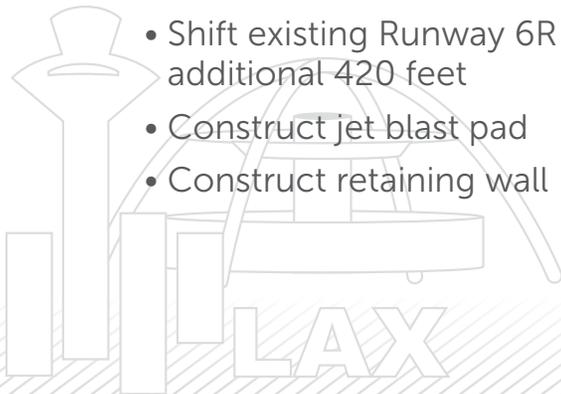


Project Components – Runway 6R (West End)

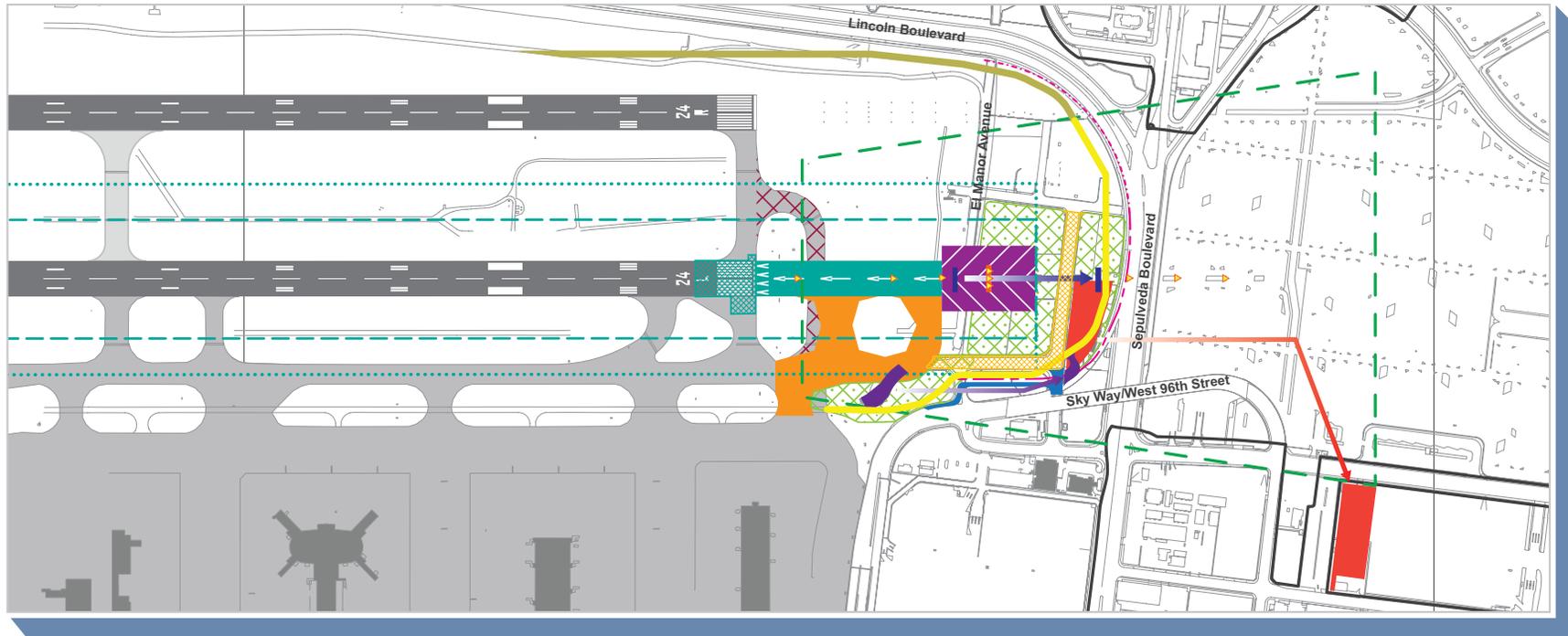


- Shift Runway 6R end 200 feet east
- Shift existing Runway 6R displaced threshold an additional 420 feet
- Construct jet blast pad
- Construct retaining wall

- Shift existing connector Taxiways E16 and E17 to the east
- Relocate navigation aids
- Relocate and replace the Runway 6R Medium Intensity Approach Light System with Runway Alignment Indicator Lights (MALSR)



Project Components – Runway 24L (East End)



- Shift Runway 24L end 800 feet
- Shift Taxiway E endpoint 500 feet east
- Remove existing Taxiway E7
- Construct new connector Taxiways E7 and E6
- Construct jet blast pad
- Implement declared distances

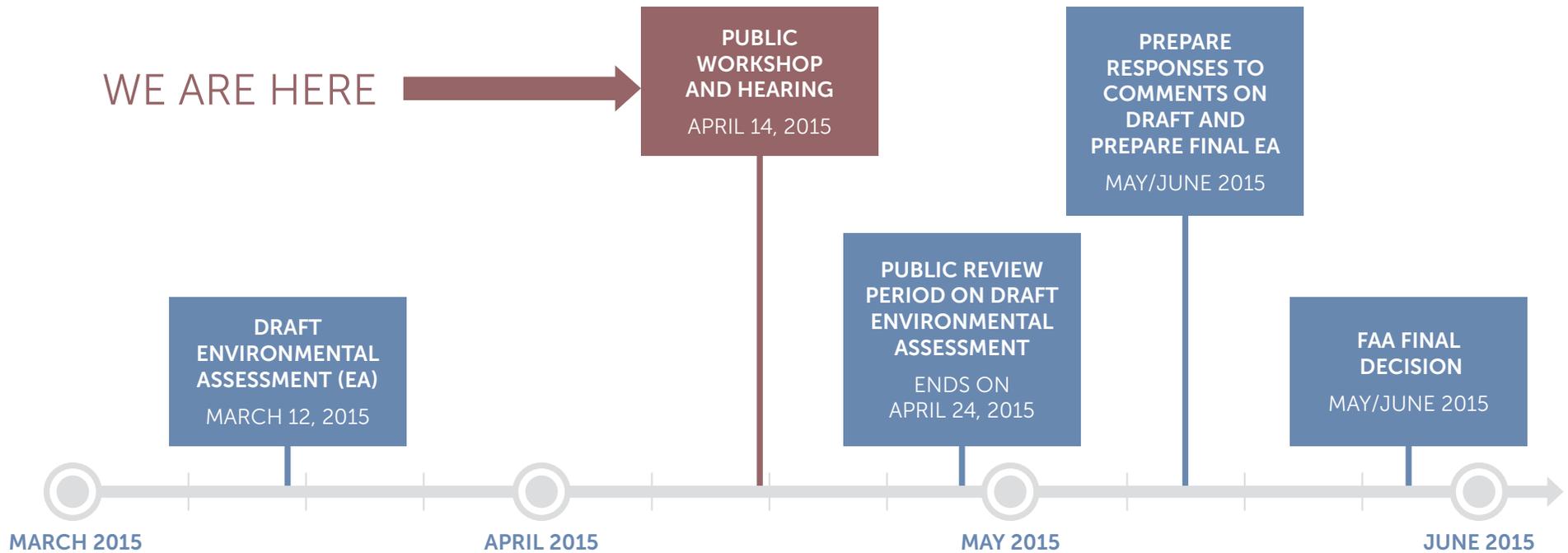
- Relocate navigation aids, existing Secure Area Access Post (SAAP) #3 portion of Air Operations, Area (AOA) fence, and taxicab holding/staging area
- Modify existing vehicle service road(s), portions of Alverstone Avenue and Davidson Drive, and adjacent parking lots

NEPA Overview

- Purpose is to inform decision-makers, agencies, organizations, and the public whether a federal action would significantly affect the environment
- Applies only to projects receiving federal funding or approval
- Identifies the environmental impacts of the proposed action and alternatives
- Identifies measures to avoid, minimize, or mitigate adverse environmental effects



NEPA Process



Draft EA Findings

Environmental Topic

Conclusion

Farmlands	No Impact
Wild and Scenic Rivers	No Impact
Noise	No Significant Impact
Compatible Land Use	No Significant Impact
Department of Transportation Act, Section 4(f) and Land and Water Conservation Fund Act, Section 6(f) Resources	No Impact
Socioeconomic Impacts, Environmental Justice, Children’s Environmental Health and Safety Risk, and Surface Transportation	No Significant Impact
Air Quality	No Significant Impact
Water Resources	No Significant Impact
Fish, Wildlife, and Plants	No Significant Impact
Wetlands	No Impact
Floodplains	No Impact
Coastal Resources	No Significant Impact
Historical, Architectural, Archaeological, and Cultural	No Impact
Light Emissions and Visual Impacts	No Significant Impact
Natural Resources and Energy Supply	No Significant Impact
Hazardous Materials, Pollution Prevention, and Solid Waste	No Significant Impact
Past, Present, and Reasonably Foreseeable Future Actions (Cumulative Impacts)	No Significant Impact



Draft EA Mitigation Measures

Fish, Wildlife and Plants:

- Replace Silver Dune Lupine-Mock Heather Scrub habitat
- Replant Lewis' evening primrose and south coast branching phacelia, if impacted
- Conduct nesting bird surveys prior to construction activities
- Dust control during construction

Coastal Resources:

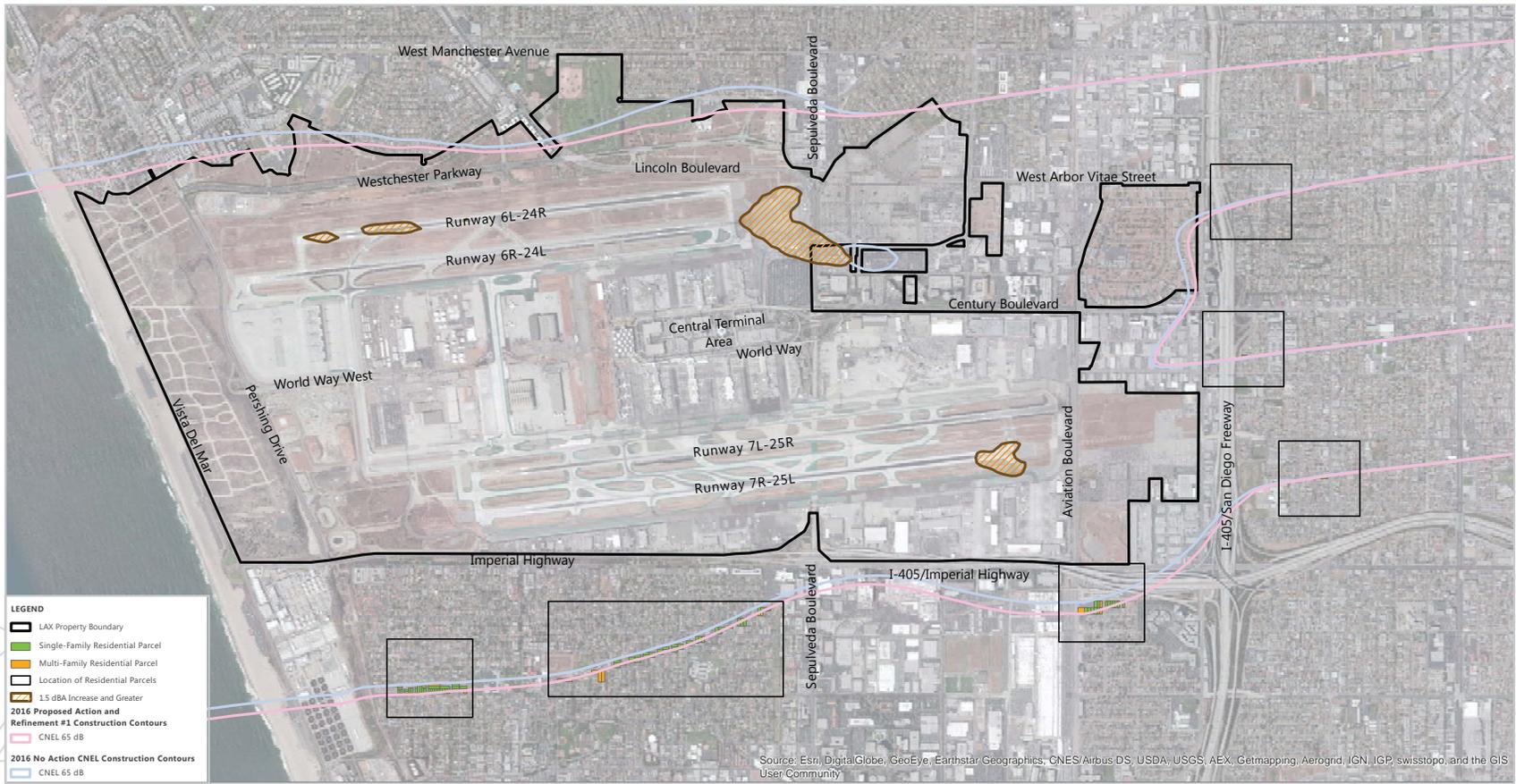
- Restore disturbed areas in the coastal zone to pre-project conditions

Light Emissions and Visual Resources:

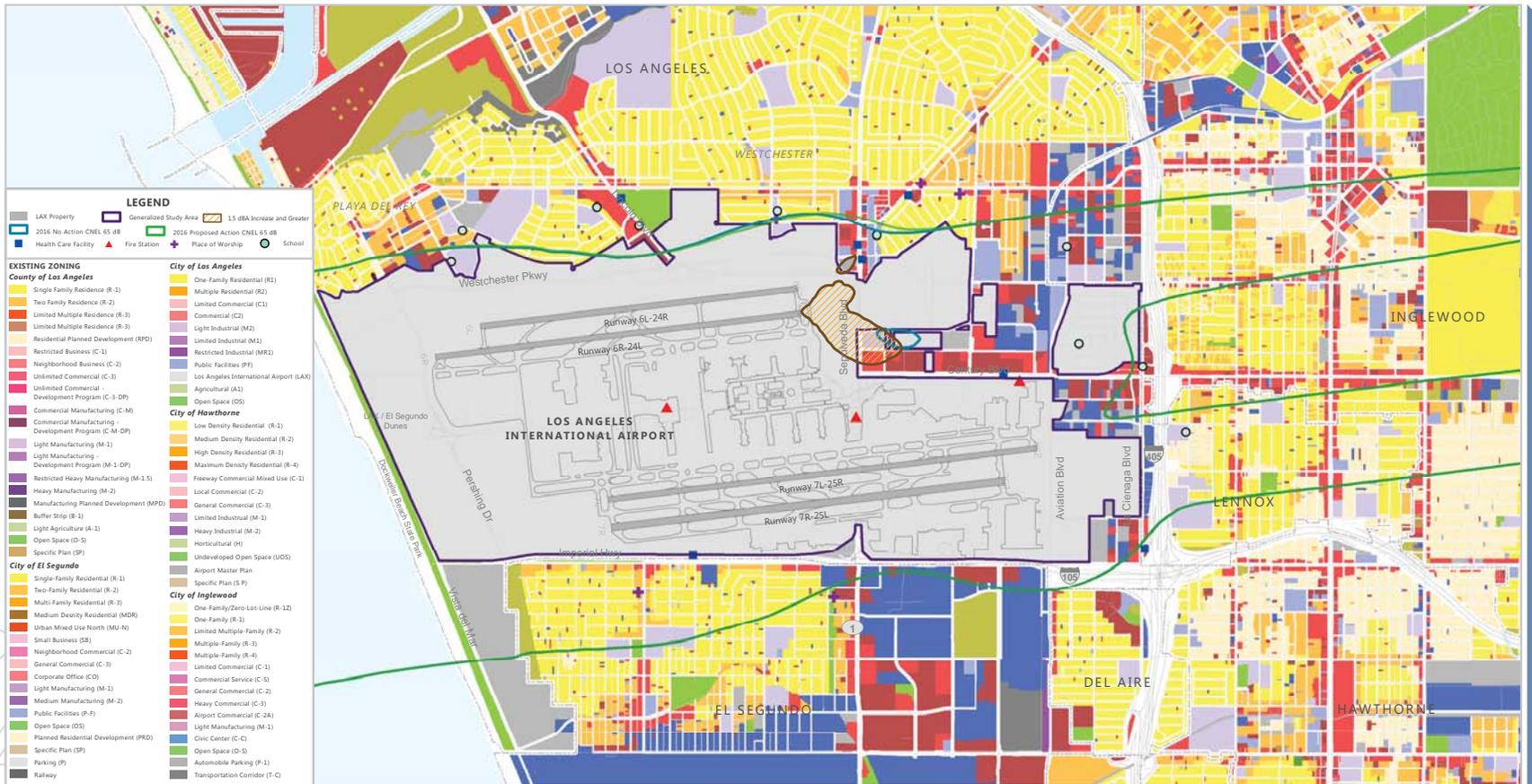
- Shield new lighting and focus light downwards to avoid glare or unnecessary light spillover, where feasible



Draft EA Noise Analysis – Construction (temporary impacts)



Draft EA Noise Analysis – 2016 Operations (1.5 dB increase)



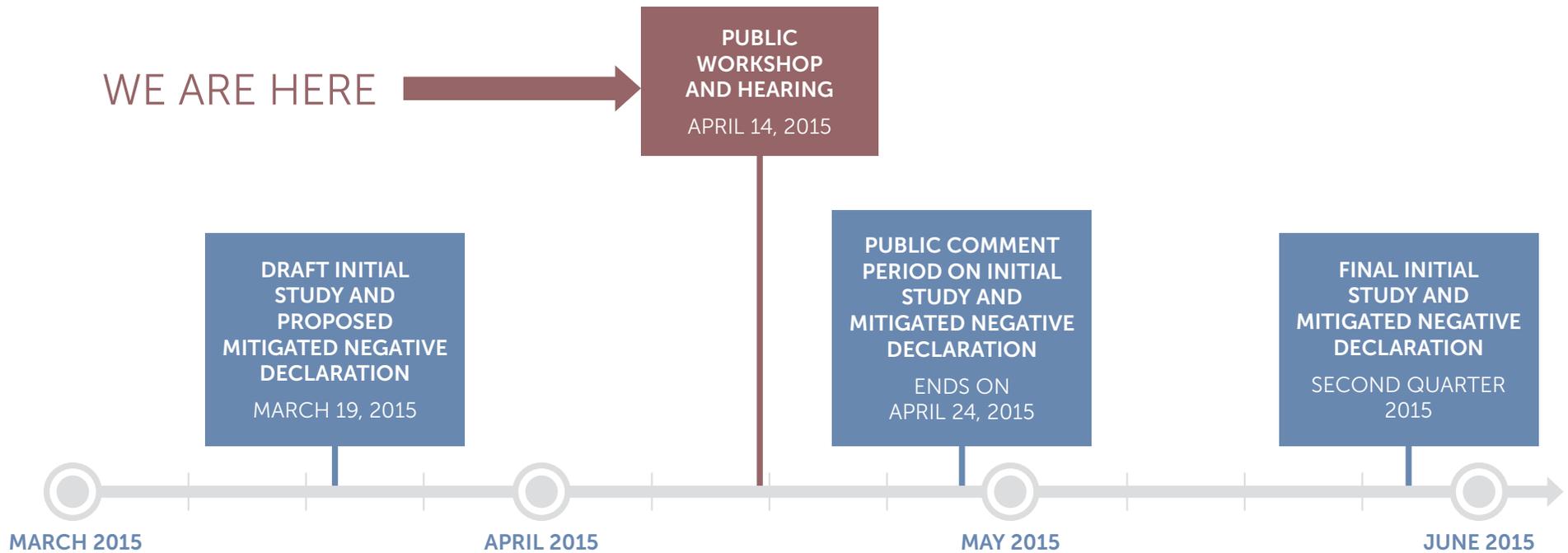
LAX

CEQA Overview

- Purpose is to inform decision-makers, agencies, organizations, and the public of the environmental effects of a project
- Applies to discretionary projects
- Identifies potential effects on the environment
- Identifies ways to avoid or reduce potential effects through mitigation measures or alternatives



CEQA Process

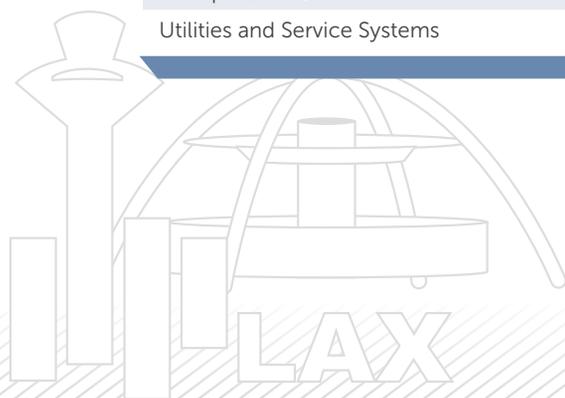


Draft Initial Study Findings

Environmental Topic

Conclusion

Aesthetics	No Impact or Less than Significant Impact
Air Quality	Less than Significant Impact with Mitigation Incorporated
Agriculture and Forestry Resources	No Impact or Less than Significant Impact
Biological Resources	Less than Significant Impact with Mitigation Incorporated
Cultural Resources	Less than Significant Impact with Mitigation Incorporated
Geology and Soils	No Impact or Less than Significant Impact
Greenhouse Gas Emissions	No Impact or Less than Significant Impact
Hazards and Hazardous Materials	No Impact or Less than Significant Impact
Hydrology and Water Quality	No Impact or Less than Significant Impact
Land Use and Planning	Less than Significant Impact with Mitigation Incorporated
Mandatory Findings of Significance	Less than Significant Impact with Mitigation Incorporated
Mineral Resources	No Impact or Less than Significant Impact
Noise	No Impact or Less than Significant Impact
Population and Housing	No Impact or Less than Significant Impact
Public Services	No Impact or Less than Significant Impact
Recreation	No Impact or Less than Significant Impact
Transportation/Traffic	No Impact or Less than Significant Impact
Utilities and Service Systems	No Impact or Less than Significant Impact



Draft Initial Study Mitigation Measures

Air Quality and Human Health:

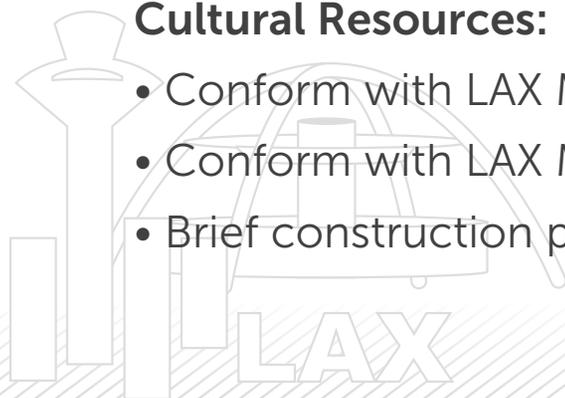
- Use of 2010 model year on-road vehicles for all vehicles over 19,500 pounds (if available)
- Use of Tier 4 (final) equipment for off-road equipment greater than 50 horsepower (if available)

Biological Resources:

- Replace and restore state-designated sensitive habitat if impacted
- Replant Lewis' evening primrose and south coast branching phacelia, if impacted
- Conduct nesting bird surveys prior to construction activities

Cultural Resources:

- Conform with LAX Master Plan Archaeological Treatment Plan
- Conform with LAX Master Plan Paleontological Treatment Plan
- Brief construction personnel prior to excavation activities in native or virgin soils



Public Comments

Comments can be handwritten on comment forms
and submitted at this Public Workshop Meeting

Comments can be mailed to:

Los Angeles World Airports
Capital Programming and Planning
Land Use and Entitlement Section
Attention: Evelyn Quintanilla
One World Way, Suite 218
P.O. Box 92216
Los Angeles, CA 90045

To submit comments online,
visit <http://www.ourLAX.org>



COMMENTS MUST BE RECEIVED BY
5:00 pm Friday, April 24, 2015