

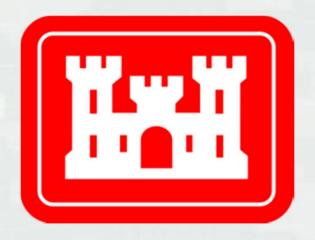
Meeting Objectives

- Study Overview
 - Background
 - Civil Works/SMART Planning Process
 - Schedule
 - Preliminary Study Objectives
 - Measures and Alternatives
- CEQA Overview



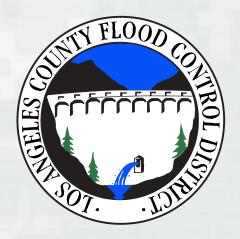


Federal - Local Partnership



U.S. Army Corps of Engineers

Lead Agency

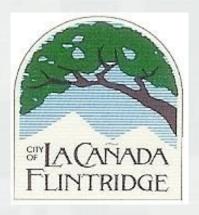


Los Angeles County Flood Control District Lead Local Sponsor





Local Partnerships











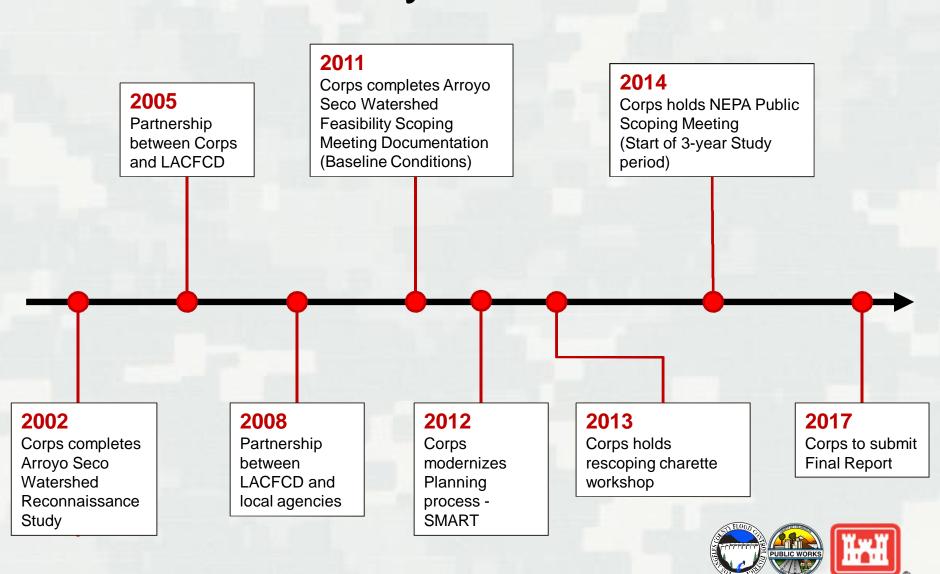
Council of Arroyo Seco Agencies







Study Timeline



BUILDING STRONG® And Taking Care Of People!



Civil Works Process

Congressional Authorization

RECONNAISSANCE PHASE

REPORT

FEASIBILITY PHASE

REPORT

FINAL DESIGN

CONSTRUCTION DOCUMENTS

CONSTRUCTION

PROJECT

OPERATION AND MAINTENANCE

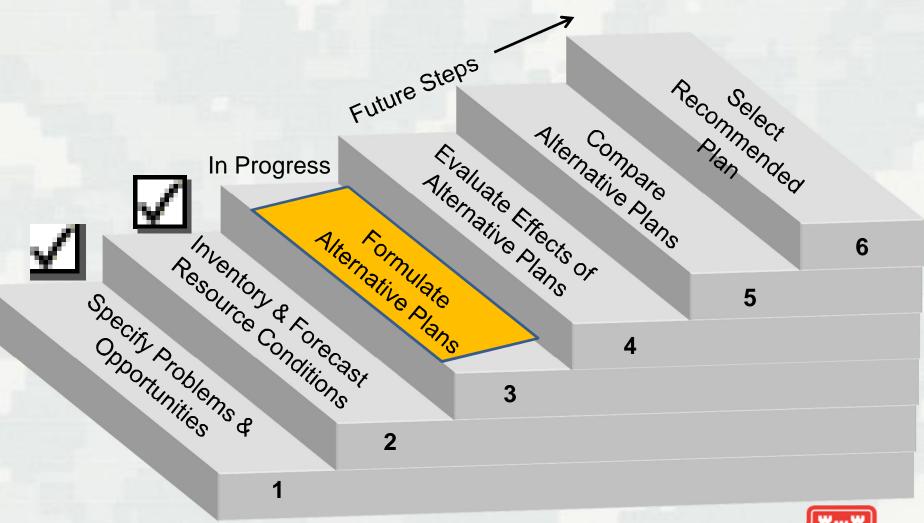
(BY LOCAL SPONSOR)





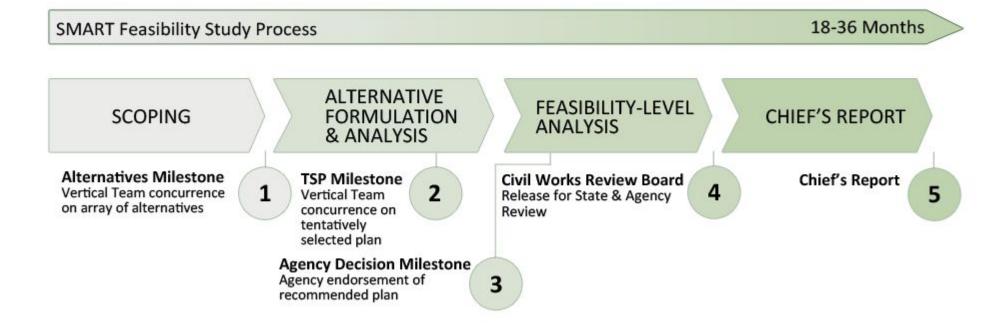
BUILDING STRONG *And Taking Care Of People!*

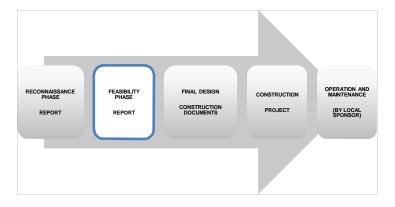
Six Step Planning Process





SMART Process





Study Schedule

| Milestones | Date |
|---------------------------|----------------|
| Charette | November 2013 |
| Review Plan approved | August 2014 |
| Alternative Milestone | May 2015 |
| Tentatively Selected Plan | March 2016 |
| Agency Decision Milestone | September 2016 |
| Submit Final Report | March 2017 |
| CWRB | May 2017 |
| Signed Chief's Report | June 2017 |
| Termination Date | August 2017 |





Integrated Feasibility Study Report

- Decision document
- Includes
 - Recommended action
 - Cost estimate for action
 - NEPA and CEQA document
- Leads to request for Congressional authorization for funding towards design and construction





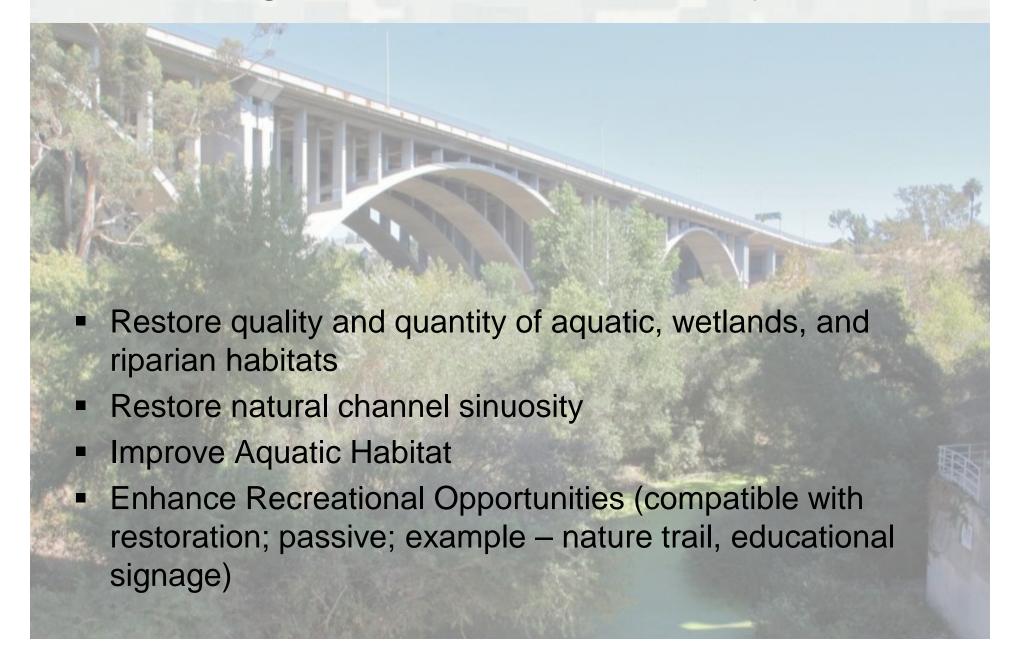
Ecosystem Restoration Fundamentals







Planning Objective and Study Goals



Planning Constraints and Considerations

- Maintain flood risk management function/capability of existing Arroyo Seco system
- Maintain Devil's Gate Dam flood storage capacity
- Avoid Hazardous and Toxic Waste (HTW) site at Jet Propulsion Lab
- Minimize impacts to transportation infrastructure such as highways and bridges
- Minimize adverse impacts to nearby residences, especially historic and culturally significant districts and properties
- Minimize impacts to existing facilities and infrastructure such as Rose Bowl





Habitat Evaluation

- CHAP evaluation –
 Combined Habitat
 Assessment Protocol
- Allows comparison of quality of existing habitat versus alternatives
- Assists in selection of the recommended plan



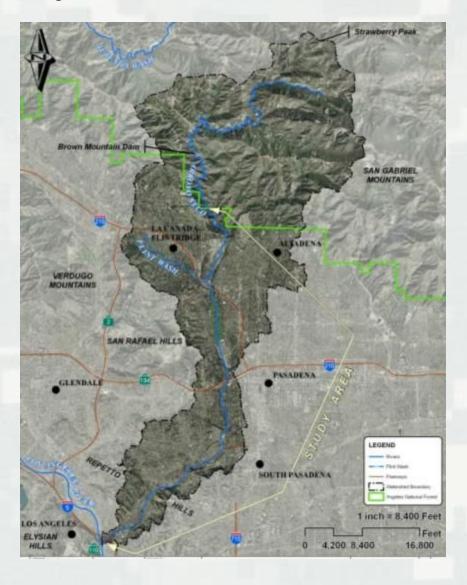




Study Location



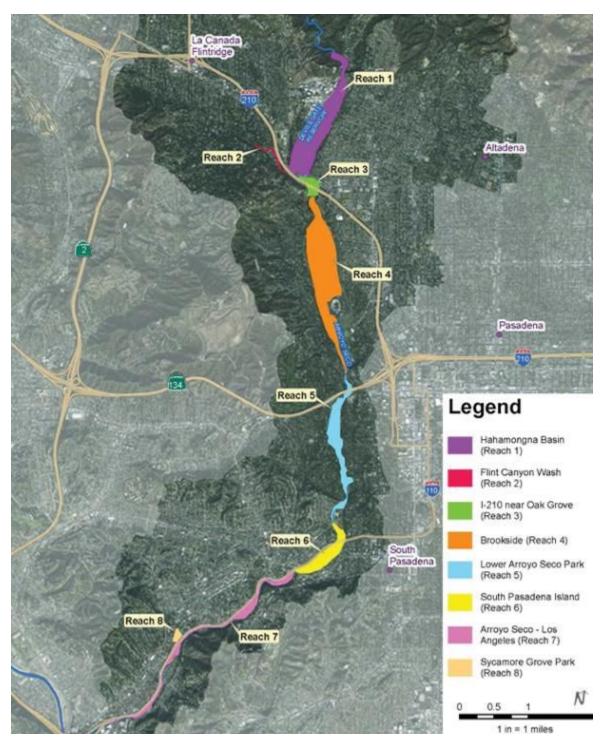
Arroyo Seco Watershed

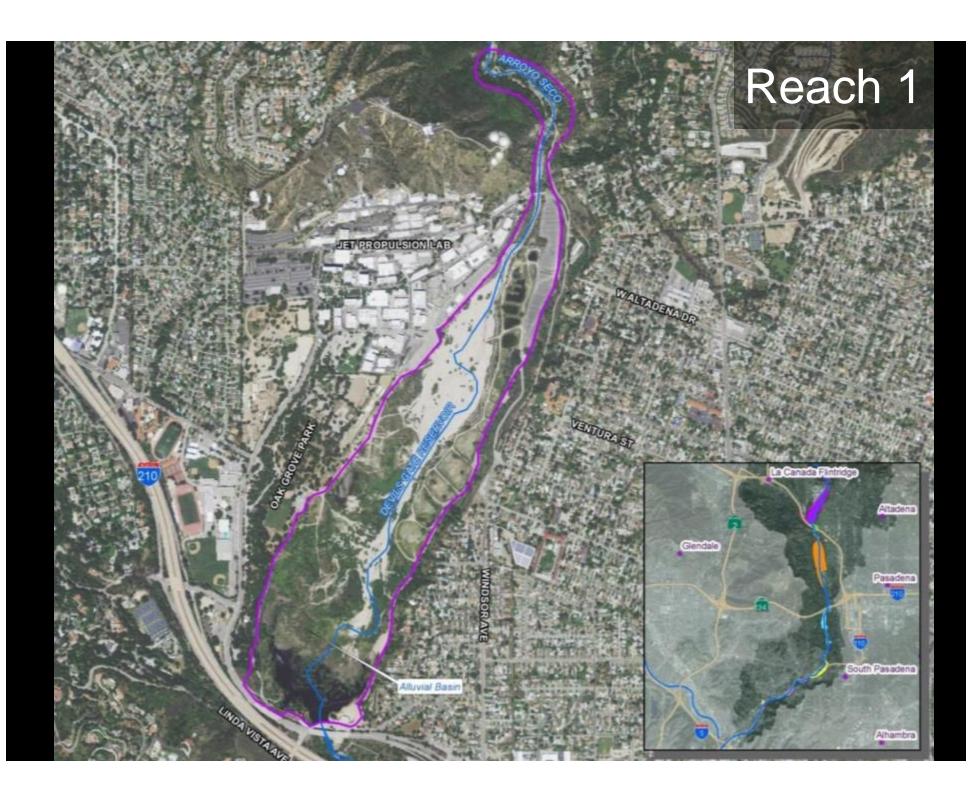






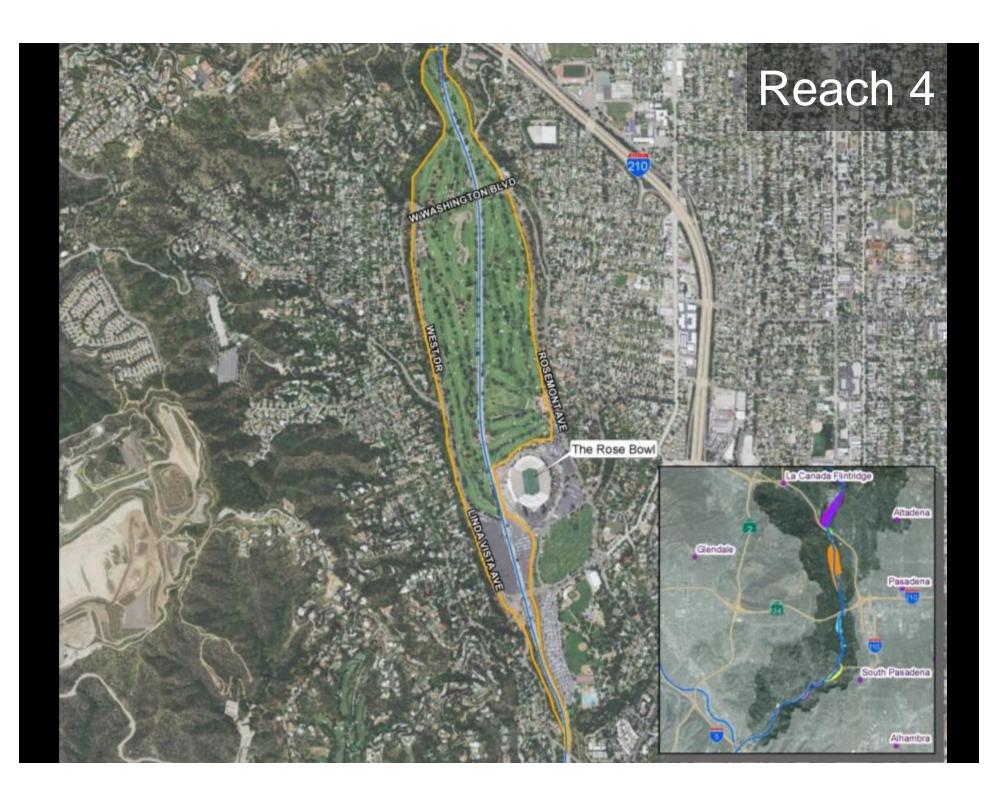
Study Reaches

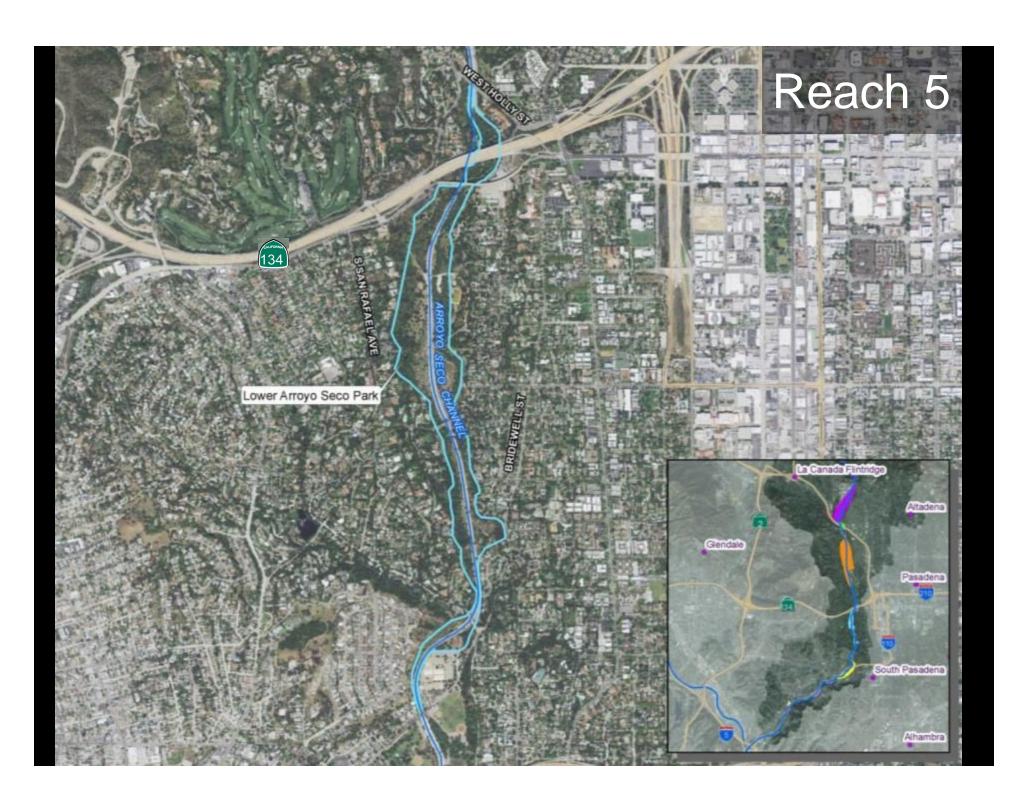


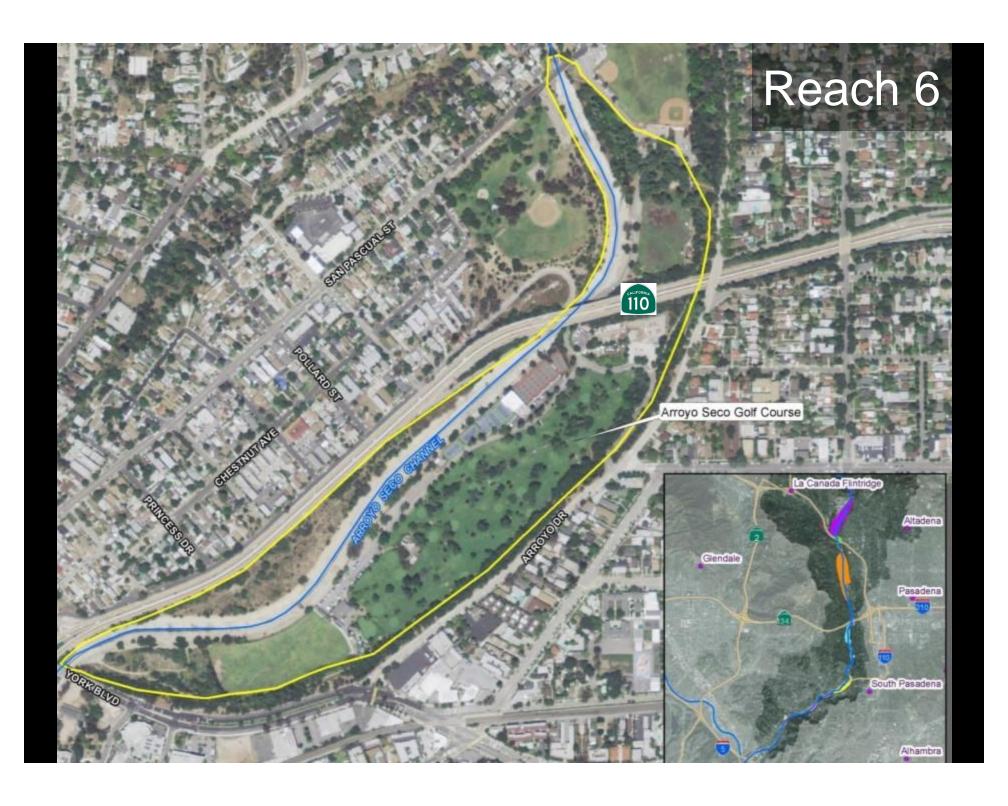








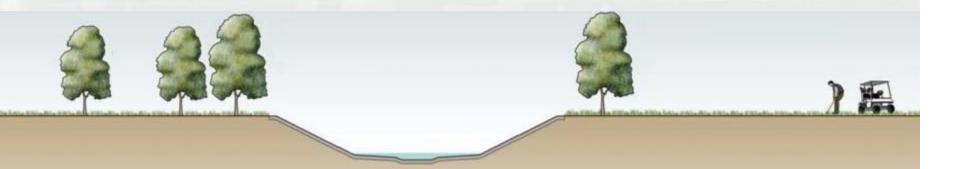








 No Action: Under this alternative, the Corps would take no action to restore any ecosystem functions or values within the Arroyo Seco study area.







Parallel Natural System: Low-Flow Channel







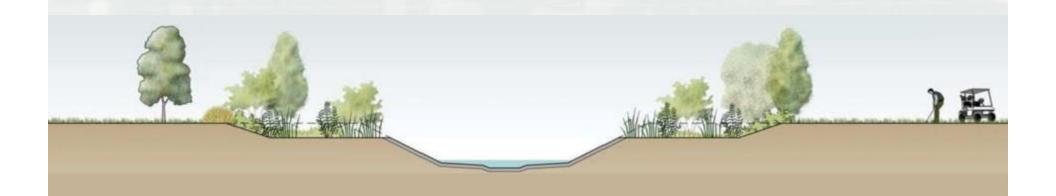
Parallel Natural System: RCB Culverts with low-flow channel







Notched Side-Walls with low-flow channel







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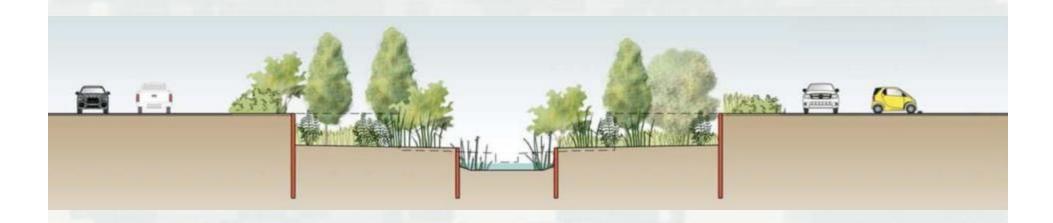
Floodplain Benching







Sheet-pile Bank Protection with Floodplain Benching







California Environmental Quality Act (CEQA)



Identifies potential impacts to the environment



Informs the public and decision makers about potential environmental impacts

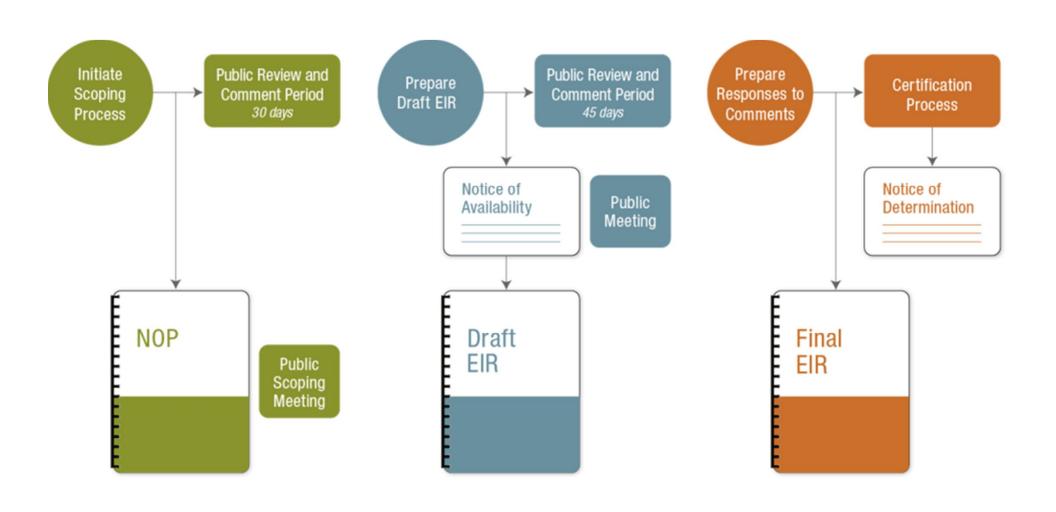


Identifies ways to avoid or reduce potential impacts





CEQA Environmental Impact Report (EIR) Process



Public Participation

- Notice of Preparation (NOP) and scoping meeting
- Draft EIR
 - 45-day review and comment period
 - Public meeting





Schedule

| Milestones | Date |
|---------------------------|----------------|
| Charette | November 2013 |
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Schedule

| Tentatively Selected Plan | March 2016 |
|---|------------------|
| Draft Study/EIS/EIR Document • 45 day Public Review Period • Public Meeting | June – July 2016 |
| Agency Decision Milestone | September 2016 |





Issues to be Analyzed

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology & Soils
- Greenhouse Gas Emissions
- Hazards & Hazardous Materials
- Cumulative Impacts

- Hydrology & Water Quality
- Land Use & Planning
- Mineral Resources
- Noise
- Population & Housing
- Public Services
- Recreation
- Traffic & Transportation
- Utilities & Service Systems
- Mandatory Findings of Significance





Public Participation NOP and Scoping Meeting

- NOP can be downloaded here: goo.gl/XEhAKp
- Fill out comment response forms
- Limit oral comments to three minutes





Public Participation Written Comments

County of Los Angeles Department of Public Works Watershed Management Division, 11th Floor Attention: Mr. Patrick Goodfellow 900 South Fremont Avenue Alhambra, CA 91803

or by email to: pgoodfellow@dpw.lacounty.gov

Submit comments by May 23, 2015



Questions

For more information on the Study:

| U.S. Army Corps of Engineers | Los Angeles County Flood Control District |
|---------------------------------|---|
| Priyanka Wadhawan | Patrick Goodfellow |
| 915 Wilshire Blvd, Suite 980 | 900 S. Fremont Avenue |
| Los Angeles, CA 90017 | Alhambra, CA 91803 |
| (213) 452-3802 | (626) 458-7034 |
| Priyanka.wadhawan@usace.army.mi | pgoodfellow@dpw.lacounty.gov |



