

# Stanley Reach Stabilization Project

California Environmental Quality Act  
(CEQA) - Draft IS/MND Public Meeting

September 9, 2020



# Meeting Agenda

1. Introduction
2. CEQA Process
3. Project Description
4. Overview of Draft Initial Study/Mitigated Negative Declaration (IS/MND)
  - Summary of environmental impacts and mitigation
5. Next Steps
6. Public Comments on the IS/MND
  - Note that no decisions are being made at this meeting

# CEQA Review and Design Team

## Zone 7 Water Agency (Lead Agency)

**Elke Rank** - Environmental Project Manager

**Joe Seto** - Principal Engineer

**Jeff Tang** - Project Engineer

**Jarnail Chahal** - Manager of Engineering

**Carol Mahoney** - Manager of Integrated Water Resources

## Environmental Science Associates

**Dave Davis** - Project Manager

**Jorgen Blomberg** - Design Team Director

**Ally Sung-Jereczek** - Deputy Project Manager







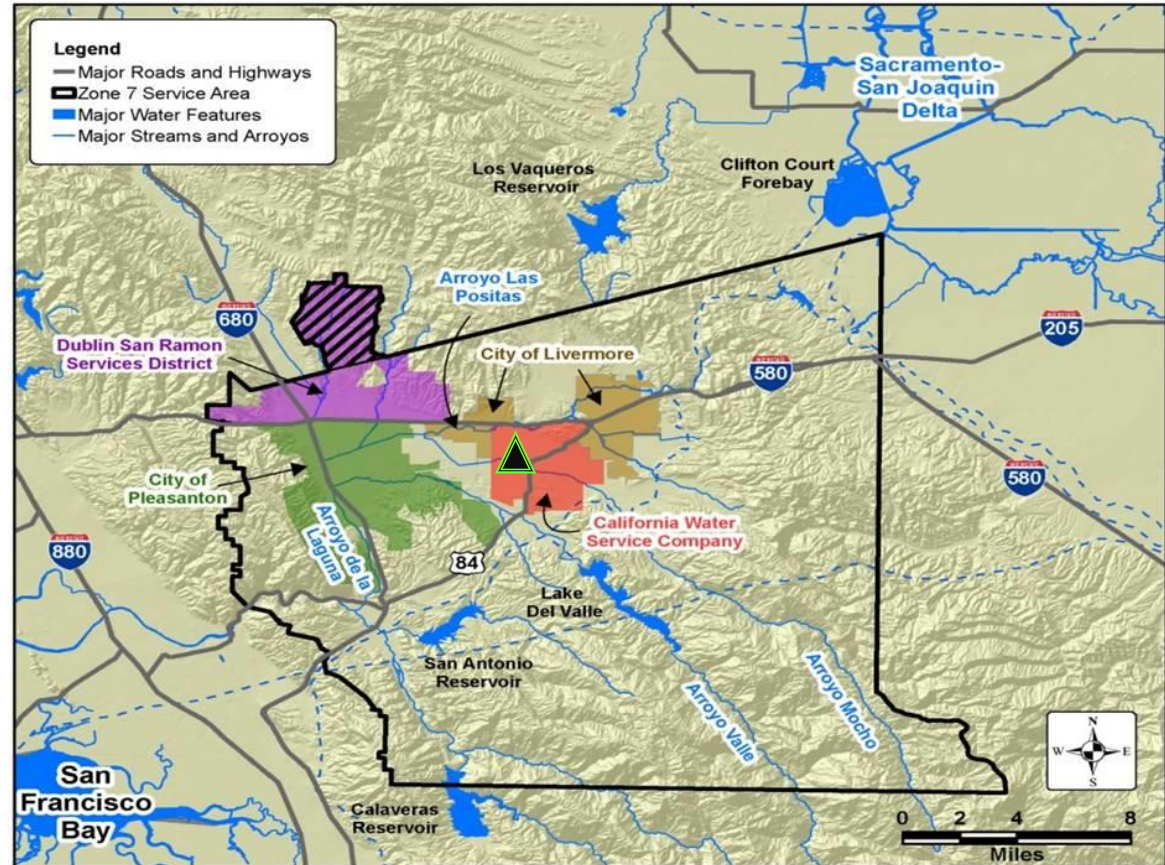
# 1. Introduction

Stanley Reach Stabilization Project



# Zone 7 Water Agency

Zone 7 owns and maintains approximately 37 miles (i.e., about one third) of improved and unimproved channels in the Livermore-Amador Valley for regional flood protection in eastern Alameda County.



▲ Project Location @ Stanley Reach

# Relationship to 2013 Project

In 2013, Zone 7 constructed the Arroyo Mocho Stanley Reach Riparian Restoration and Channel Enhancement Pilot Project (Stanley Reach Pilot Project) in an effort to improve water quality conditions and available habitat in the section of the Arroyo Mocho between Isabel Ave. and Murrieta Blvd, referred to as the Stanley Reach.

In the winter of 2017, repeated heavy storm events and resulting storm streamflow caused significant damage to the channel elements constructed in 2013.



# 2021 Project Goals

The Proposed Project is a component of the regional flood protection strategy for Arroyo Mocho in Zone 7's Service Area.

Project objectives include:

1. Repair channel damage and prevent future erosion and scouring;
2. Restore flood control functionality; and,
3. Support the goals of the 2013 project, which includes enhancing natural stream vegetation and improving fish passage and fish habitat potential.





# 2. CEQA Process

Stanley Reach Stabilization Project



# CEQA Review Process

CEQA PROCESS	ZONE 7 COMPLIANCE
Lead Agency prepares IS/MND:	✓ Draft IS/MND was prepared and published on August 21, 2020.
Lead Agency gives public Notice of Availability (NOA) of Negative Declaration:	✓ The Draft IS/MND and/or NOA were made available to the public at the following locations: <ul style="list-style-type: none"><li>• County Recorder's Office &amp; State Clearinghouse</li><li>• Posted to Zone 7 public website: <a href="https://www.zone7water.com/library/environmental-review-documents">https://www.zone7water.com/library/environmental-review-documents</a></li><li>• Mailed to immediately adjacent neighbors</li><li>• E-mailed to local agencies</li><li>• Noticed in local newspaper (Valley Times; Aug 25 &amp; Sept 1)</li></ul>
Public Review Period:	✓ Required 30-day (+) public review period is from <b>August 21 – September 22, 2020</b> .
Consideration and approval of MND:	✓ Zone 7 will consider all comments received during the public review period and prepare a Final IS/MND & Mitigation and Monitoring Reporting Program (MMRP). ✓ Board of Directors is expected to consider adopting the Final IS/MND & MMRP with Project approval on November 18, 2020.
File Notice of Determination (NOD):	✓ On the Board's approval of the Project, the NOD must be filed at County Recorder's office and CEQA compliance is complete.





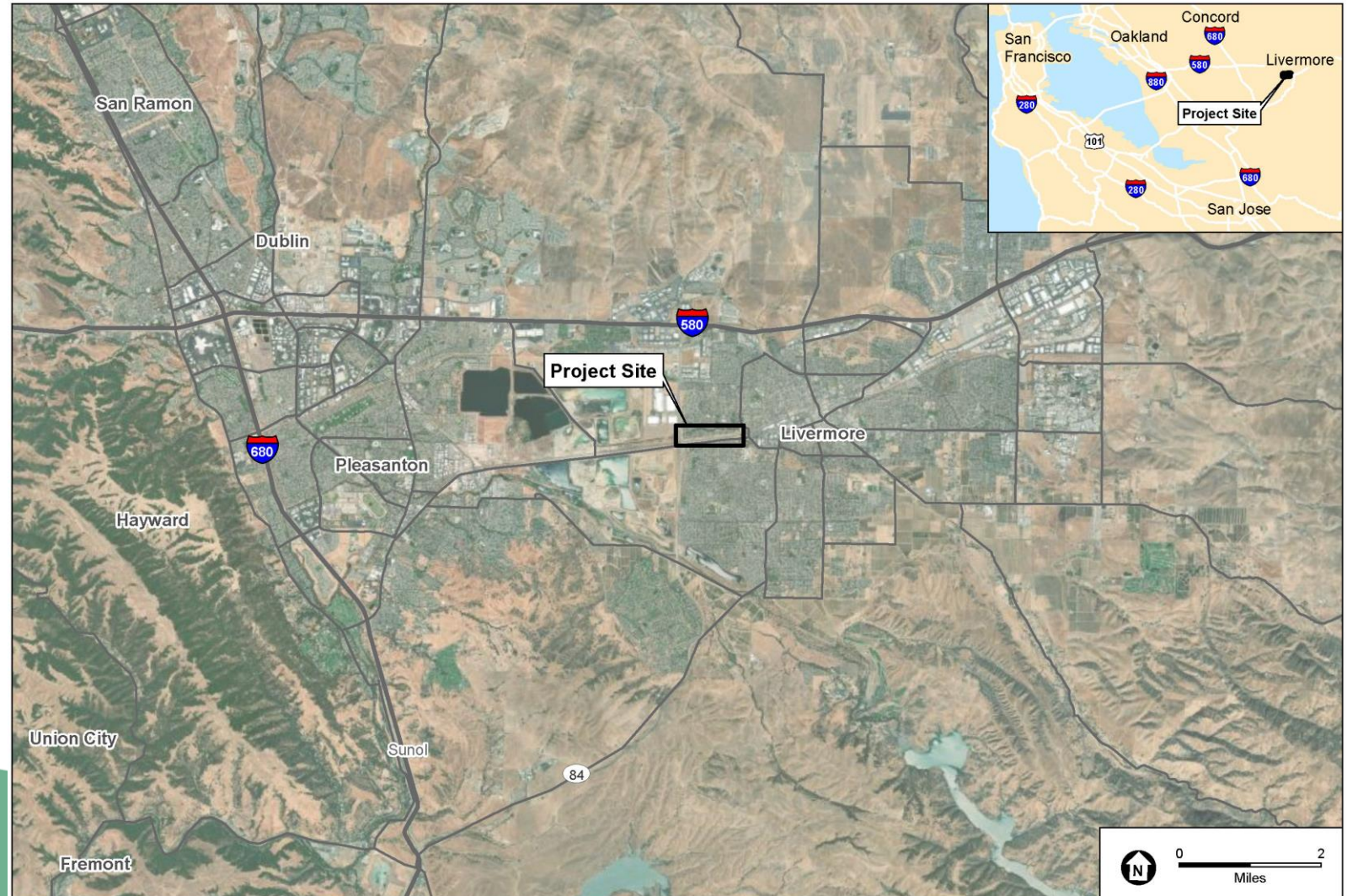
# 3. Project Description

Stanley Reach Stabilization Project



# Project Location

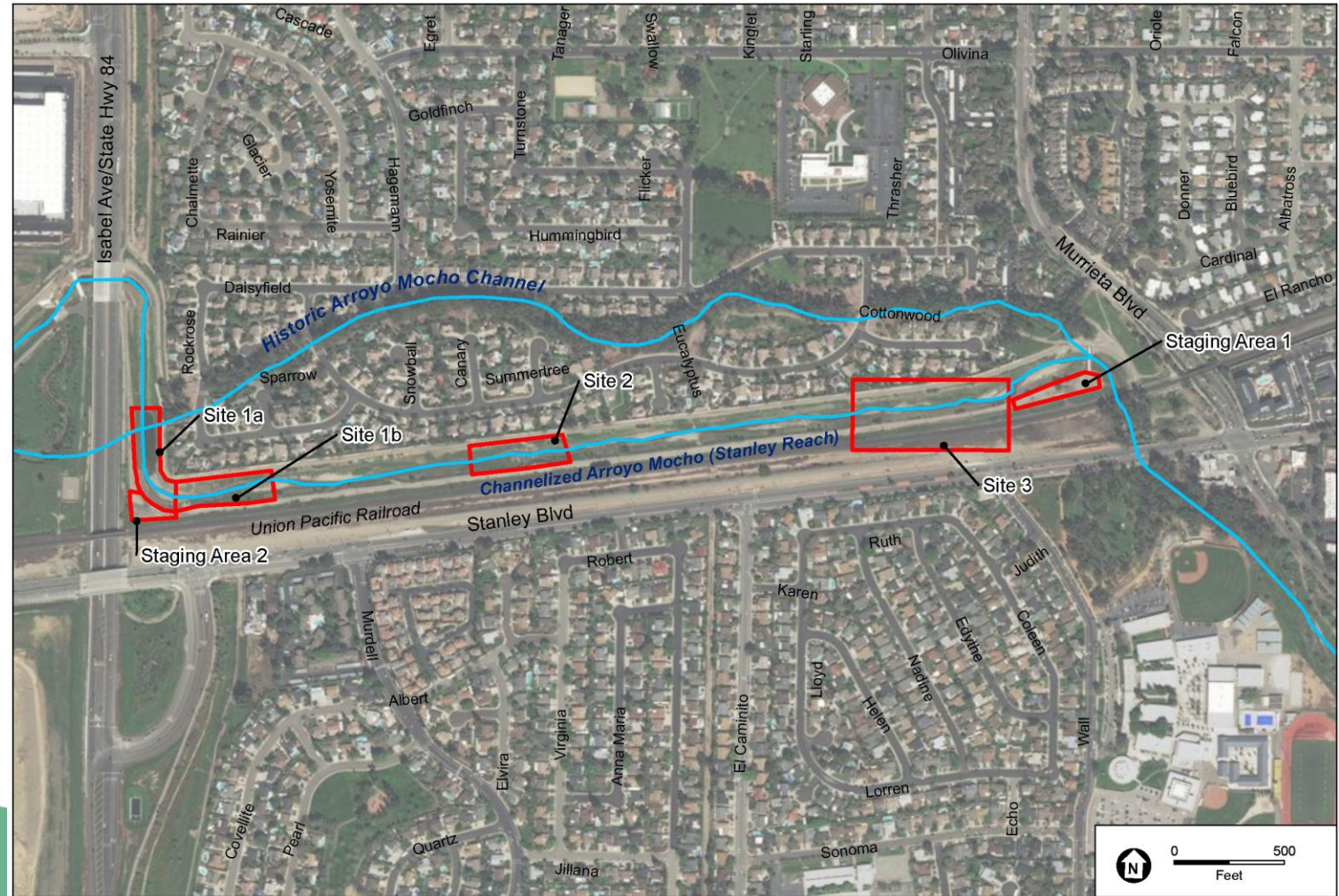
Stanley Reach of Arroyo Mocho, between Murrieta Blvd and Isabel Ave / Hwy 84





# Project Site

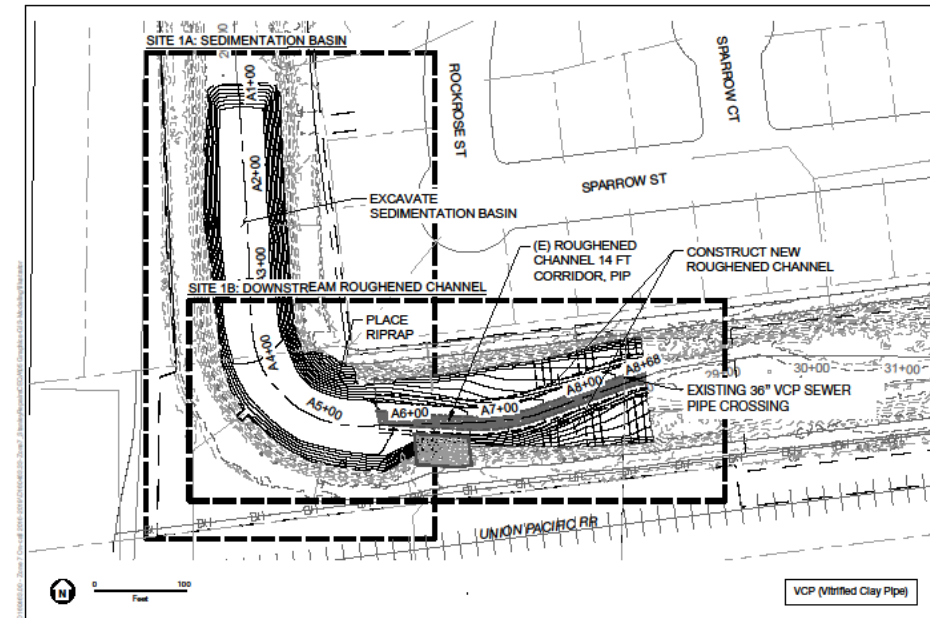
Approximately 1,670 linear feet (3.01 acres) of Stanley Reach channel, consisting of four designated work sites (Sites 1a, 1b, 2, and 3)





# Project Overview (Sites 1a and 1b)

- Site 1a:
  - Restore channel banks to original design elevations
  - Remove approximately 7,900 cubic yards (cy) of sediment
  - Repair 2,500 square feet of channel bank
  - Import 40 cy of rock material
- Site 1b:
  - Repair portions of the existing roughened channel
  - Remove approximately 3,400 cy of sediment
  - Expand and widen existing roughened rock channel
  - Create conditions conducive to fish passage
  - Import 3,790 cy of rock material



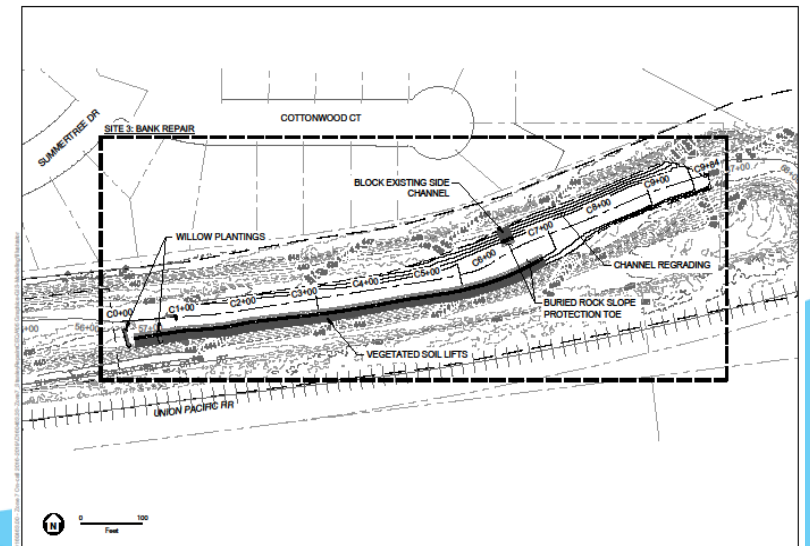
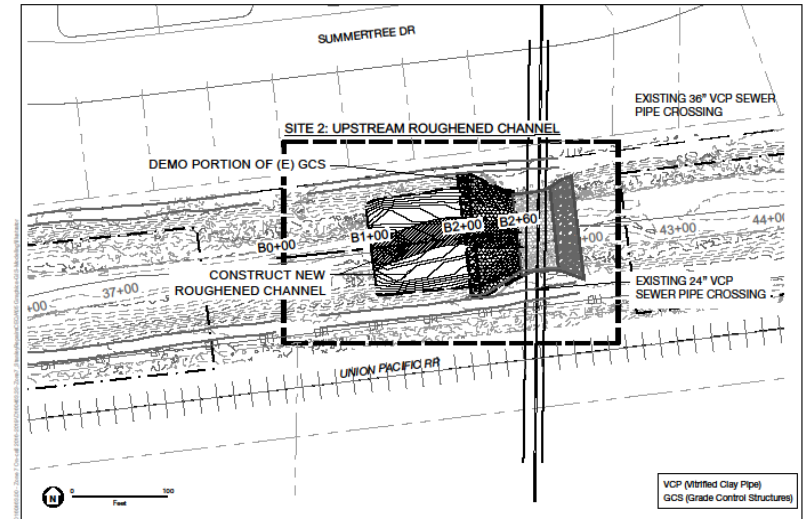
# Project Overview (Sites 2 and 3)

- Site 2:

- Demolition and removal of the portion of the existing grouted grade control structure
- Repair and reconstruction of existing roughened channel and adjacent banks
- Remove approximately 2,800 cy of sediment
- Import approximately 2,800 cy of rock material
- Native soil backfill and seeding

- Site 3:

- Repair existing channel bed to resist erosion
- Remove approximately 3,000 cy of sediment
- Import approximately 9,080 cy of rock material
- Native soil backfill and revegetation with willow stems and native grass seed mix

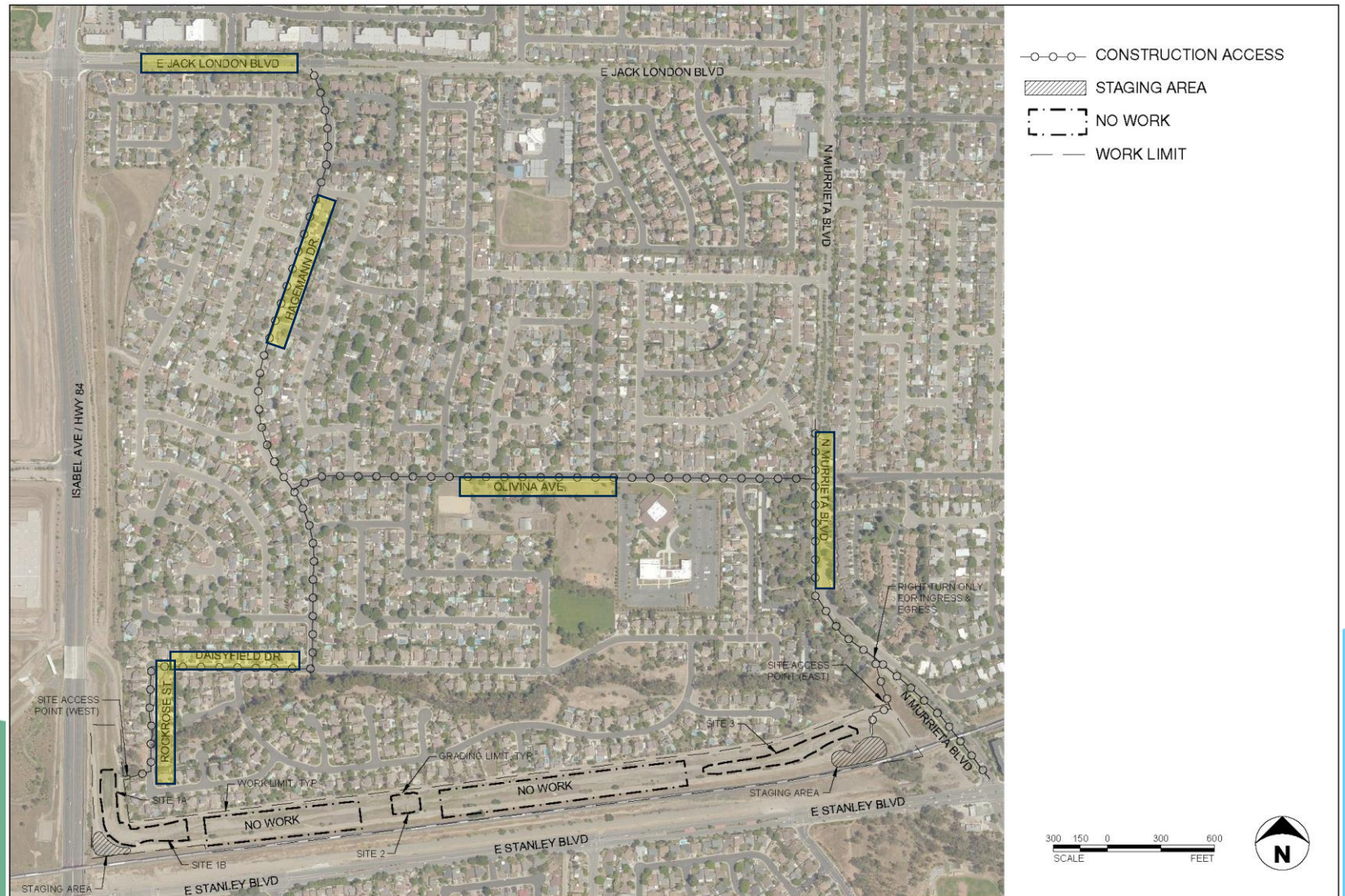




# Haul Routes and Staging Areas

## Haul Routes

- E. Jack London Blvd.
- Hagemann Dr.
- Olivina Avenue
- N. Murrieta Blvd.
- Daisyfield Dr.
- Rockrose St.





Existing maintenance road

Existing rock structure protecting sewer main

Willow pole plantings

Buried roughened channel structure

Roughened channel lattice

Existing oaks (projected growth)

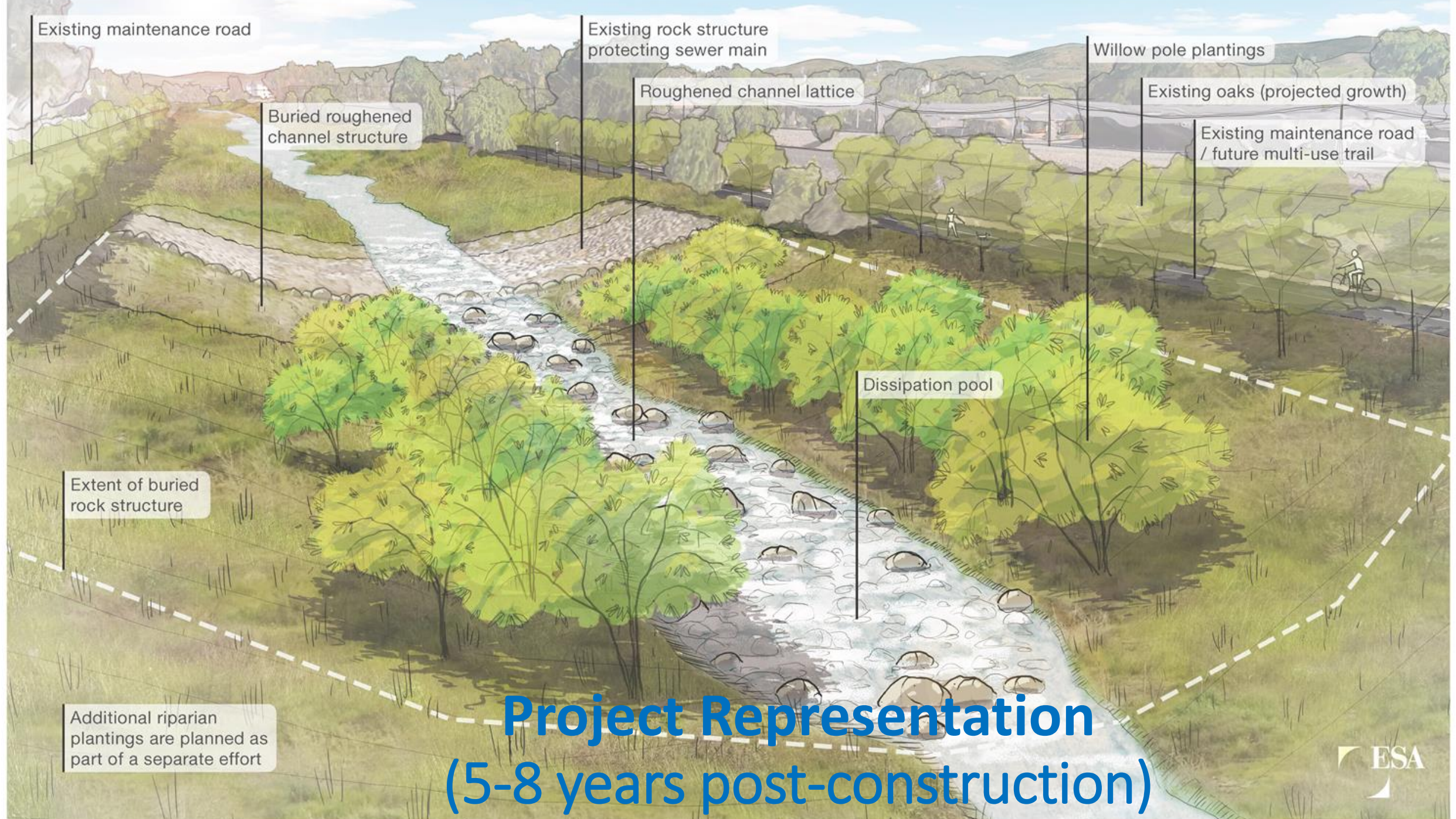
Existing maintenance road / future multi-use trail

Dissipation pool

Extent of buried rock structure

Additional riparian plantings are planned as part of a separate effort

# Project Representation (5-8 years post-construction)







# 4. Draft IS/MND

Stanley Reach Stabilization Project



# Draft IS/MND Impact Overview

Impact Designation	Natural Resource	
No Impact	<ul style="list-style-type: none"> <li>• Agriculture and Forestry Resources</li> <li>• Land Use and Planning</li> </ul>	<ul style="list-style-type: none"> <li>• Mineral Resources</li> <li>• Population and Housing</li> <li>• Recreation</li> </ul>
Less than Significant Impact	<ul style="list-style-type: none"> <li>• Aesthetics</li> <li>• Energy</li> <li>• Hydrology and Water Quality</li> </ul>	<ul style="list-style-type: none"> <li>• Noise and Vibration</li> <li>• Public Services</li> <li>• Transportation</li> <li>• Utilities and Service Systems</li> </ul>
Less than Significant Impact with Mitigation Measure Incorporated	<ul style="list-style-type: none"> <li>• Air Quality</li> <li>• Biological Resources</li> <li>• Cultural Resources</li> <li>• Geology and Soils</li> <li>• Greenhouse Gas Emissions</li> </ul>	<ul style="list-style-type: none"> <li>• Hazards and Hazardous Materials</li> <li>• Tribal Cultural Resources</li> <li>• Wildfire</li> </ul>
Significant Unavoidable Impact	None	



# Mitigation Measure Highlights

- **Air Quality and Greenhouse Gas Emissions**

- Reduce emissions of fugitive dust and equipment exhaust (*Mitigation Measure: AQ-1*)

- **Biological Resources**

- Pre-construction surveys and worker trainings for special status species (i.e. California red-legged frog, western pond turtle) (*Mitigation Measure: BIO-1*)
- Pre-construction nesting bird surveys (*Mitigation Measure: BIO-2*)
- Minimize erosion and sedimentation into waters during and after construction (*Mitigation Measure: BIO-3*)

# Mitigation Measure Highlights

- **Cultural Resources / Tribal Cultural Resources**
  - Inadvertent discoveries of cultural resources (*Mitigation Measure: CUL-1*) or human remains (*Mitigation Measure CUL-2*)
- **Geology and Soils**
  - Inadvertent discoveries of paleontological resources (*Mitigation Measure: GEO-1*)
- **Hazards and Hazardous Materials / Wildfire**
  - Fire safety measures (*Mitigation Measure: WIL-1*)





# 5. Next Steps

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# Next Steps

- 30-day (+) comment period ends **September 22, 2020**
- Responses to all timely comments will be addressed in the Final IS/MND

## **Anticipated Schedule**

- Complete CEQA – November 2020
- Complete design – November 2020
- Complete Permitting – December 2020
- Advertise for construction contract bids – early 2021
- Award construction contract – early 2021
- Construction – approx. May 1 to Oct 31, 2021 (+ 2022 if needed)



A wide-angle photograph of a rocky stream in an arid environment. The stream flows from the upper center towards the lower right, surrounded by numerous large, grey, rounded boulders and smaller rocks. The banks are composed of light-colored gravel and sand. Sparse, dry, brownish vegetation is visible along the edges of the stream. The overall scene is brightly lit, suggesting a sunny day.

# 6. Public Comments on the Draft IS/MND

Stanley Reach Stabilization Project



# How to Comment on the Draft IS/MND

## Zoom Meeting Comments

- Moderator will unmute one at a time
- State name and affiliation if any; street address is useful if a local resident
- Be concise
- Stay on topic
- Support everyone's participation
- Respect others' opinions
- All comments will be recorded
- **Written comments (mail or e-mail) are preferred to ensure accuracy**

## Written comments can be submitted via mail or electronically to

Elke Rank  
Zone 7 Water Agency  
100 North Canyons Parkway  
Livermore, CA 94551  
[erank@zone7water.com](mailto:erank@zone7water.com)

Public Comment period closes  
**5 p.m., September 22, 2020.**



Document and its entirety (i.e. Notices) can be found on the Zone 7 website:  
<https://www.zone7water.com/library/environmental-review-documents>