

Westside Pumping Plant Replacement

Project Update

**Planning Committee
December 11, 2018**

Agenda

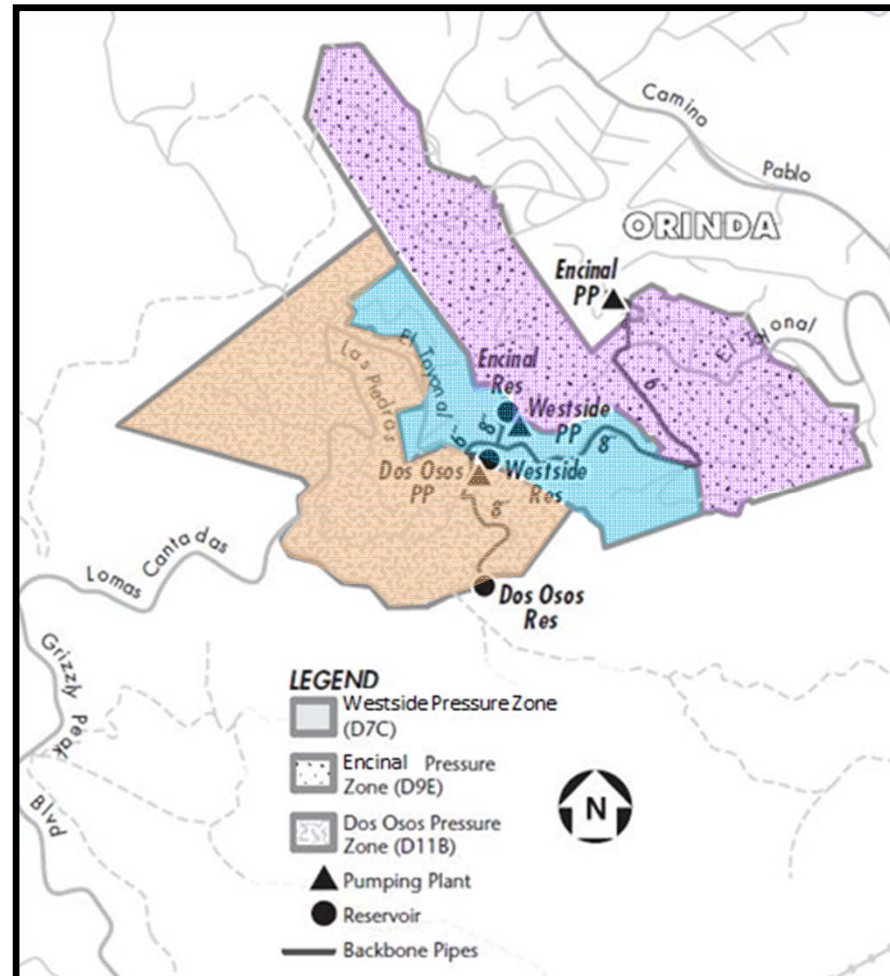


- Project Location & Overview
- Project Need
- Environmental Documentation
- Public Outreach
- Schedule & Next Steps

Project Location: Encinal Cascade



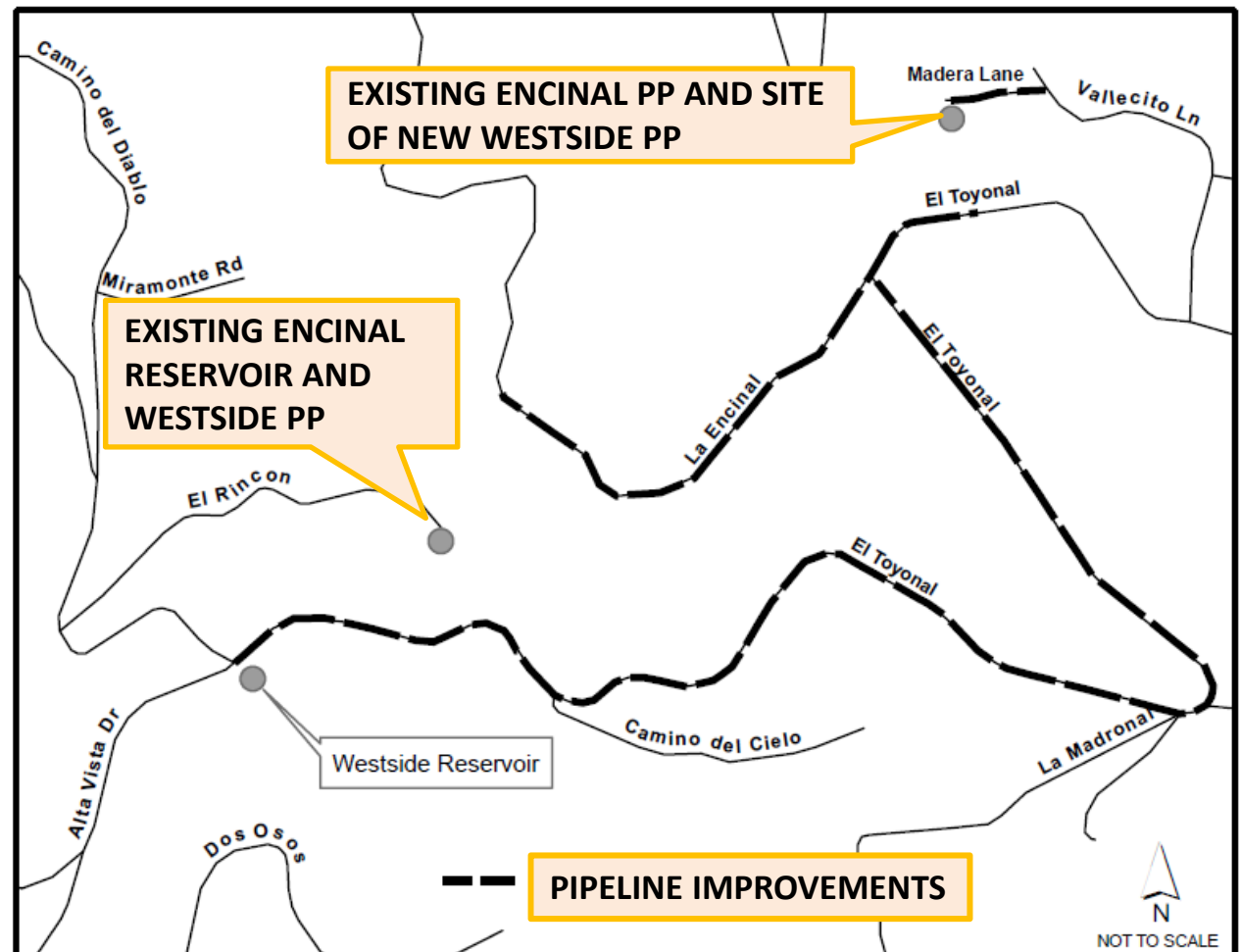
El Toyonal
neighborhood of
Orinda



Project Overview



- Demolish and replace existing Encinal and Westside PPs with new Westside PP
- Demolish existing Encinal Reservoir and replace with Encinal Regulator
- Install ~ 6,900 feet of new and replacement pipelines



Project Need



- Aging Infrastructure
- Water Quality
- Poor Access

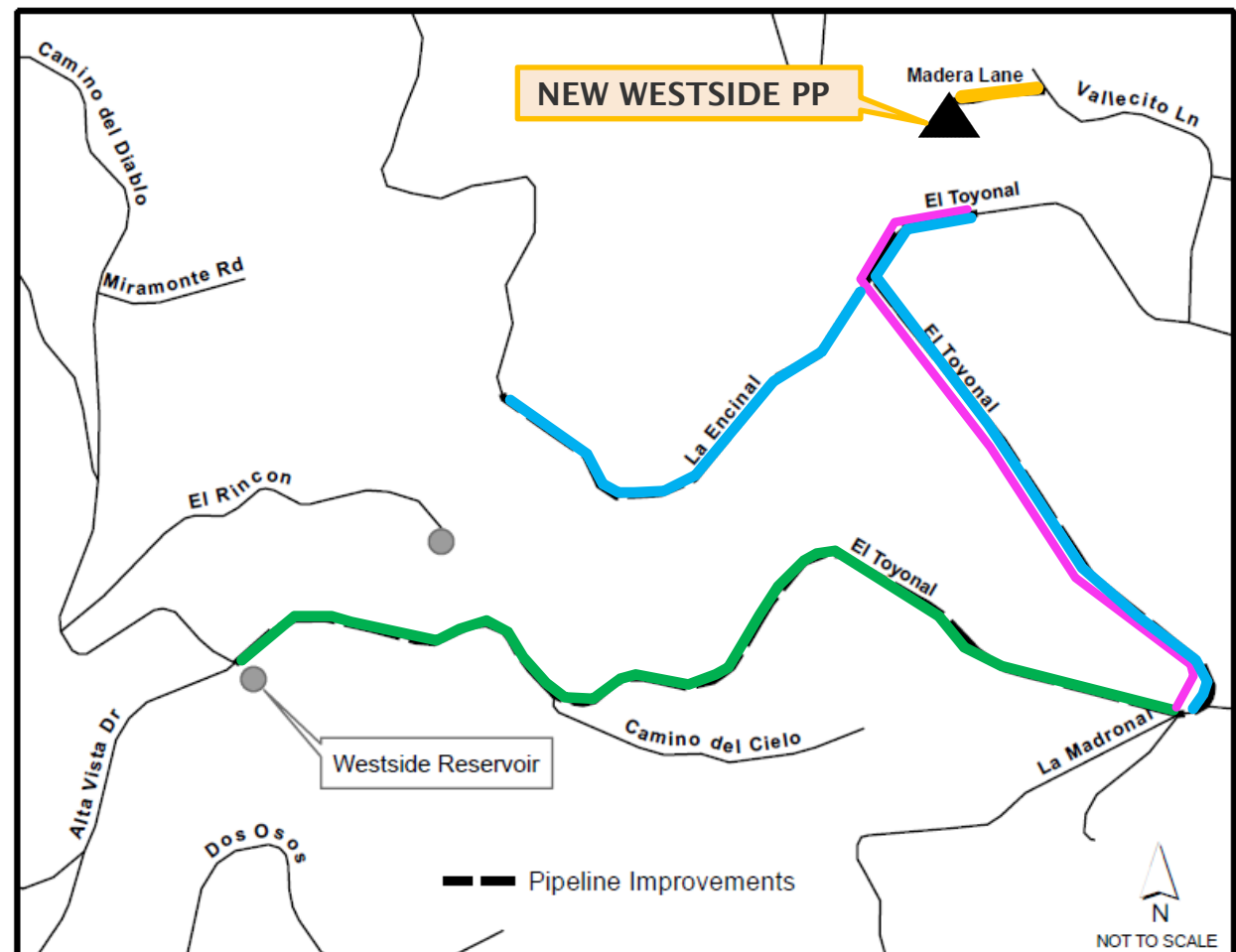


Proposed Westside PP Site Plan



Pipeline Improvements

- 1,500 feet of new 12" discharge pipeline —
- 2,400 feet of 12" replacement pipeline —
- 2,700 feet of 12" replacement pipeline (improvements) —
- 300 feet of new 2" pipeline in Madera Lane —



Construction Challenges

- Narrow, private roadways
- Road closures and detours
- Temporary parking
- Construction staging
- Paving



Environmental Documentation



- Notice of Exemption
- EBMUD Standard Practices and Procedures



Public Outreach - Completed



- NOE posted August 31, 2018 for 30 days
- Staff met with City of Orinda and Moraga Orinda Fire District (MOFD) - early September 2018
 - Key issues discussed: traffic, noise, paving, fire flows, and new PP details
- Staff met with MOFD - October 2018
 - Key issues discussed: emergency access, evacuation and notification requirements, Project phasing, and communication

Public Outreach - Future



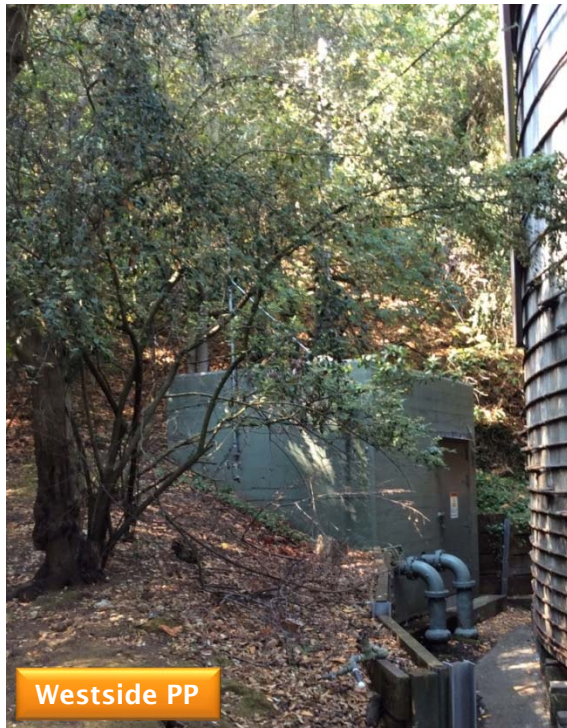
- Community Outreach - December 2018
 - Website
 - Postcards
 - Text service
- Public Meeting - January 2019
- Orinda City Council future meeting - early 2019

Schedule & Next Steps



- Public Outreach
- Pipeline Improvements
 - Design FY19-20
 - Construction FY20-21
- Facilities
 - Design FY20-21
 - Construction FY22-23

Questions



Westside PP



Encinal PP



Encinal Reservoir

Leland Reservoir Replacement Project

Update and Final Environmental Impact Report

**Planning Committee
December 11, 2018**

Agenda



- Project Location & Overview
- Project Need
- Project Description
- EIR & Public Outreach
- Impacts & Community Concerns
- Schedule & Next Steps



Project Location & Overview



Leland Reservoir (1955)

- Existing 18 MG, open cut
- Pre-cast concrete panel roof

36-Inch Critical Pipeline

- Located under existing reservoir



Project Need



- Replace aging infrastructure
- Improve water quality operations
- Improve domestic and emergency water service reliability



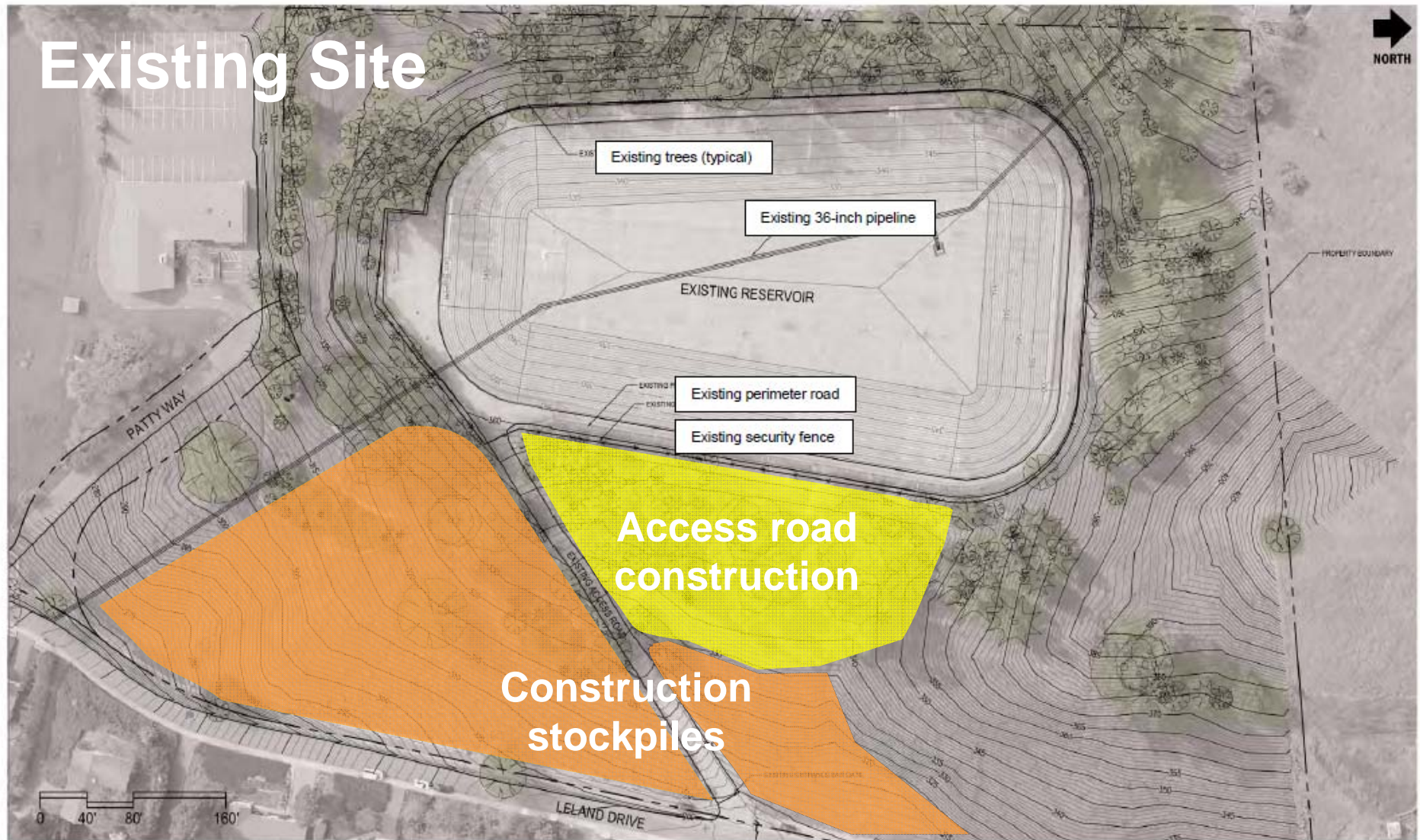
Project Description



- Replace existing open cut with two 8 MG concrete tanks
- Construct 3,650 feet of 36-inch pipeline
- Abandon inaccessible pipeline
- Construct new storm drain

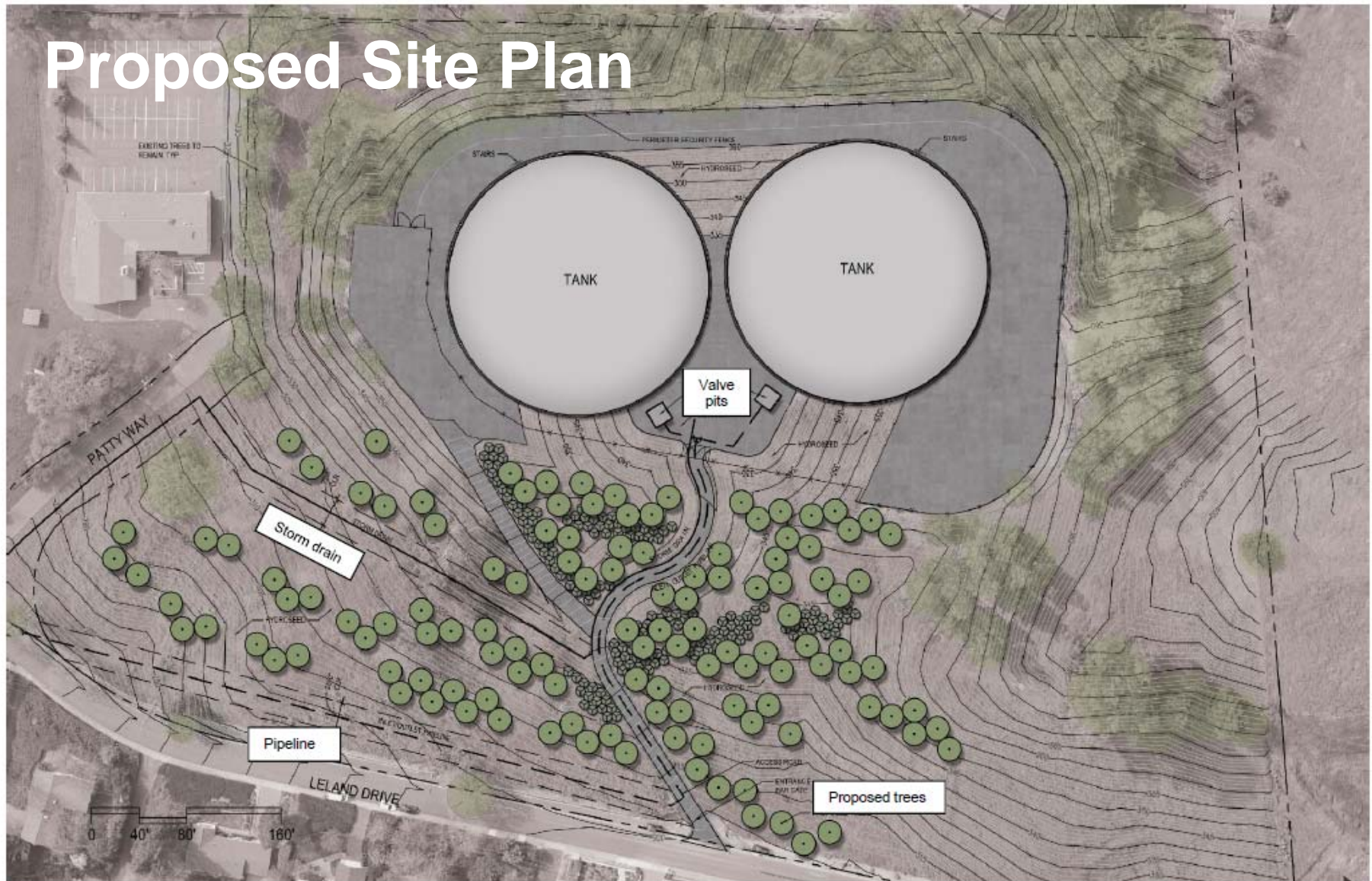


Existing Site



Source: RHAA Landscape Architecture + Planning, 2017

Proposed Site Plan



Source: RHAA Landscape Architecture + Planning, 2018



LELAND RESERVOIR - FINAL EIR
 EAST BAY MUNICIPAL UTILITY DISTRICT
1048 LELAND DRIVE | 15 YEAR PROJECTION
 JUNE 2018



Draft EIR Analysis



- Environmental Impact Report (EIR)
- EBMUD Standard Practices and Procedures
- Mitigation Monitoring and Reporting Plan



Draft EIR Analyses

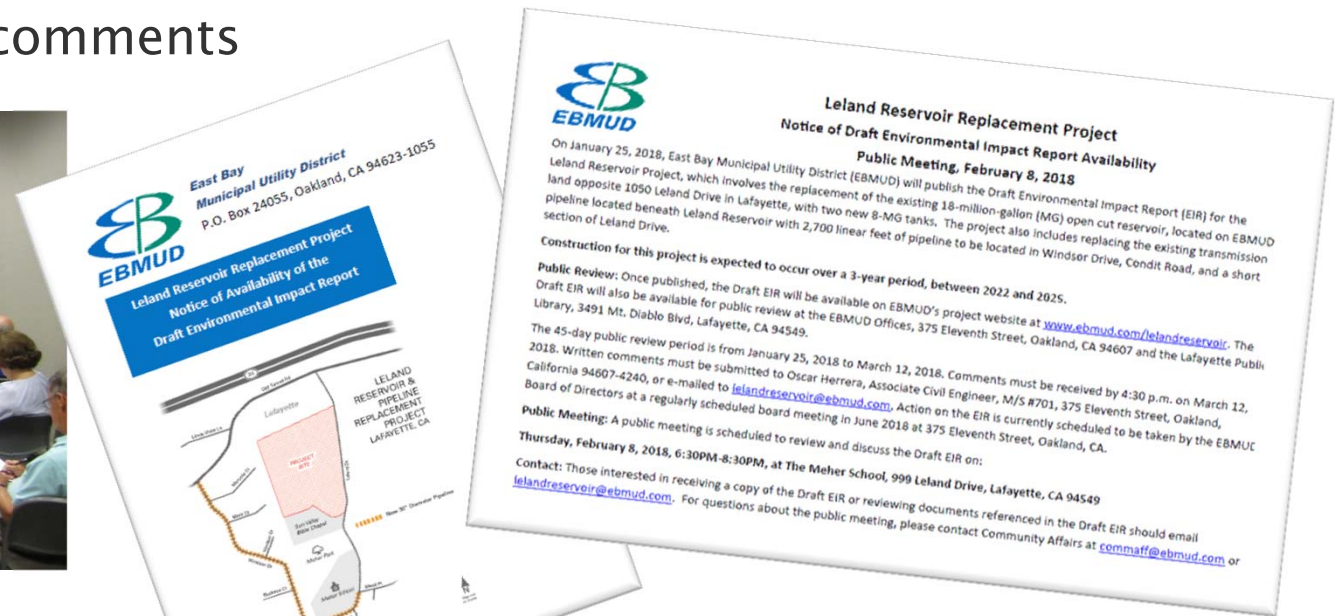


Environmental Factors	Less than Significant	Less than Significant with Mitigation	Significant and Unavoidable
Aesthetics		✓	
Air Quality	✓		
Biological		✓	
Cultural	✓		
Energy	✓		
Geology	✓		
GHGs	✓		
Hazards		✓	
Hydrology	✓		
Noise			✓
Recreation	✓		
Traffic		✓	

Draft EIR Public Outreach



- 210 mailers sent
- 1 public meeting - February 8, 2018
 - 30 comments recorded
- 17 comment letters and e-mails
 - 97 individual comments



Key Community Comments



- Visual impacts
- Tree removal and planting
- Construction hours and noise
- Advance notification
- Construction truck routes
- Temporary road closures



City of Lafayette Comments



- Visual impacts
- Tree removal and planting
- Construction hours and noise
- Advance notification
- Construction truck routes
- Storm drain sizing
- Street paving
- Traffic analysis

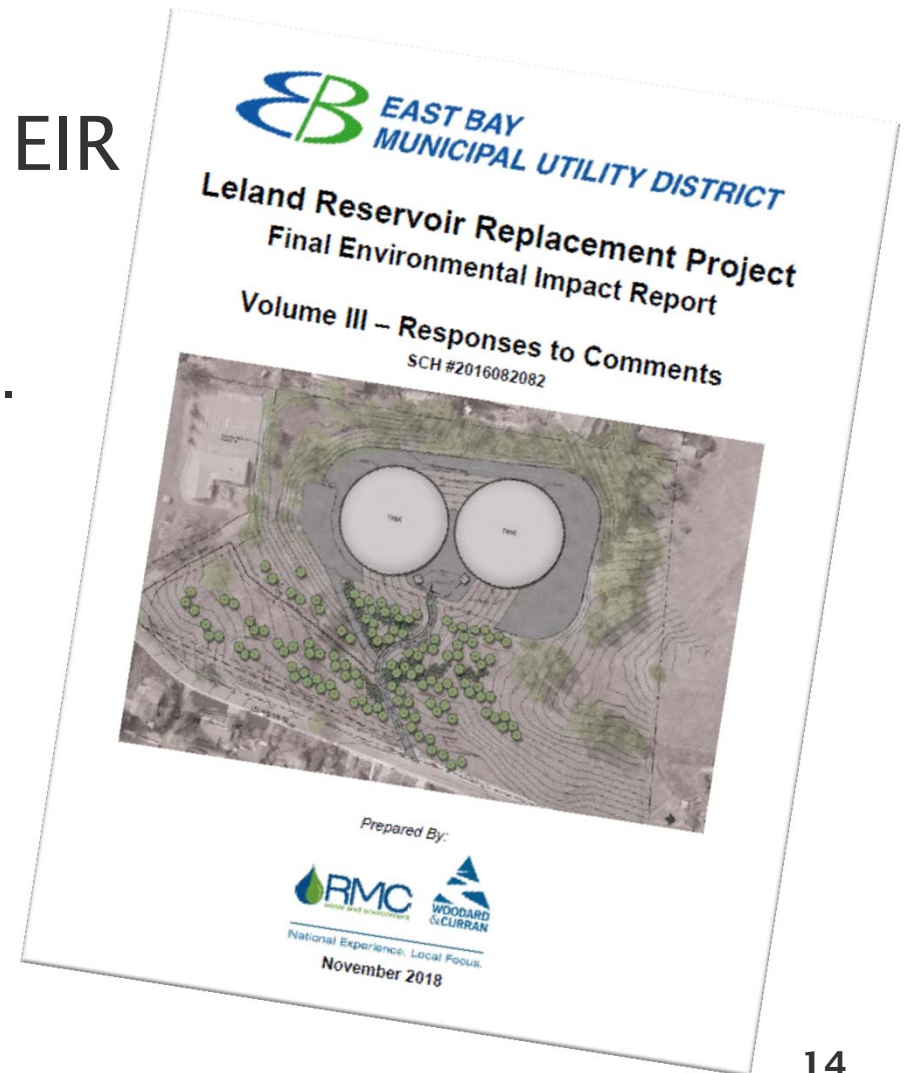


Final EIR



No substantial changes to EIR

- Revised typical construction start time from 7 a.m. to 8 a.m.
- Additional tree planting and changes to fencing type and location



Key Mitigation Measures

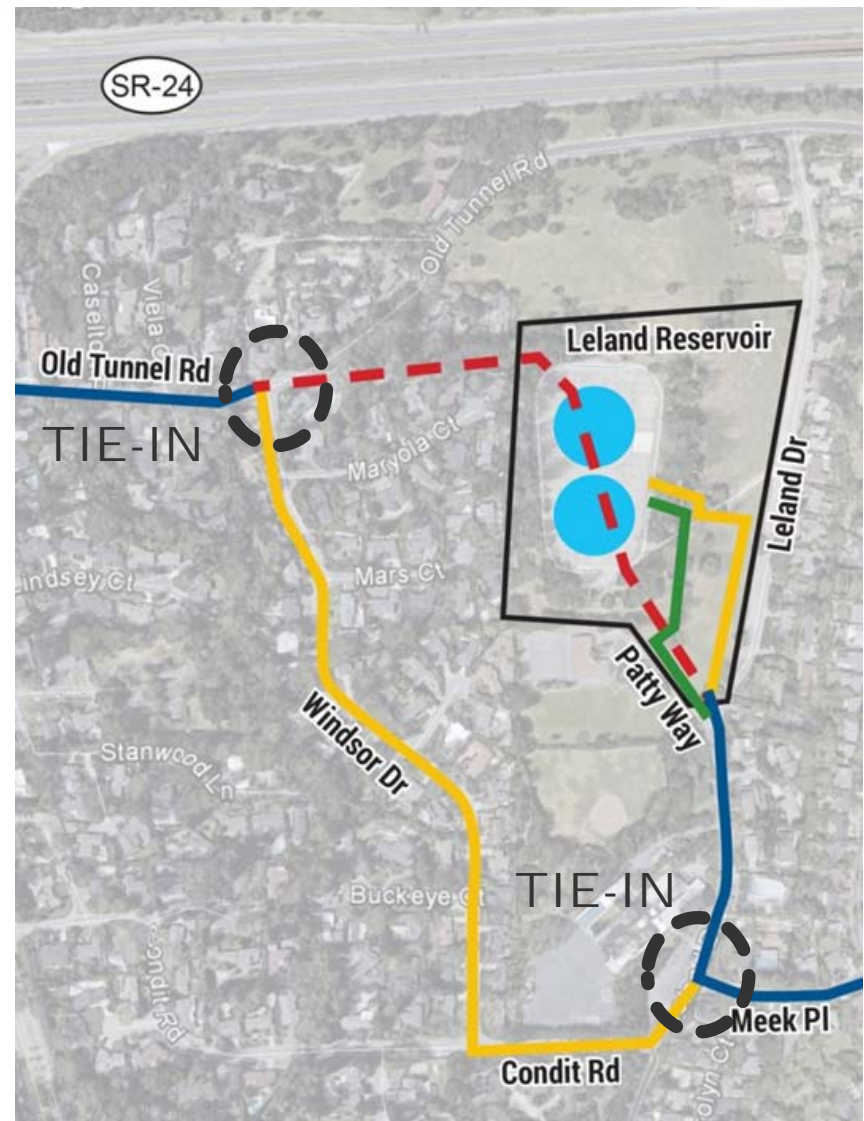


- Advance noticing
- Emergency access maintenance
- Noise source controls
- Preconstruction surveys for special status species
- Species-specific avoidance and mitigation
- Traffic control measures
- Nighttime lighting controls for night work
- Alternative lodging for night work

Significant & Unavoidable Impacts



- Nighttime noise levels exceed sleep disturbance thresholds
 - 24-hour pipeline tie-in connection work
 - Notify residents within 500' at least 10 days in advance
 - Provide alternative lodging, if requested
- Construction work starting before 8:00 a.m.



Schedule and Next Steps



- Draft and Final EIR
 - January 2018 to November 2018
-

Completed

- Board Action on Final EIR
 - December 2018
- Design Phase
 - 2022 to 2024
- Construction Phase
 - 2024 to 2027

Next Steps

Questions



Main Wastewater Treatment Plant (MWWTP) Yerba Buena Access Road Acquisition

Planning Committee
December 11, 2018

Access Gates to MWWTP



Three access gates for employees, contractors, and emergency service personnel.

Existing Yerba Buena Access Road Property Rights



Eminent Domain Proceedings



- Conduct a public hearing to provide the property owner to address the Board
- Adopt a Resolution of Necessity
- To adopt a Resolution of Necessity, the Board must make four findings:
 - The project is necessary
 - The property rights are necessary
 - The project will accomplish the least private injury and the most public good
 - Offer of just compensation has been made

The Project is Necessary



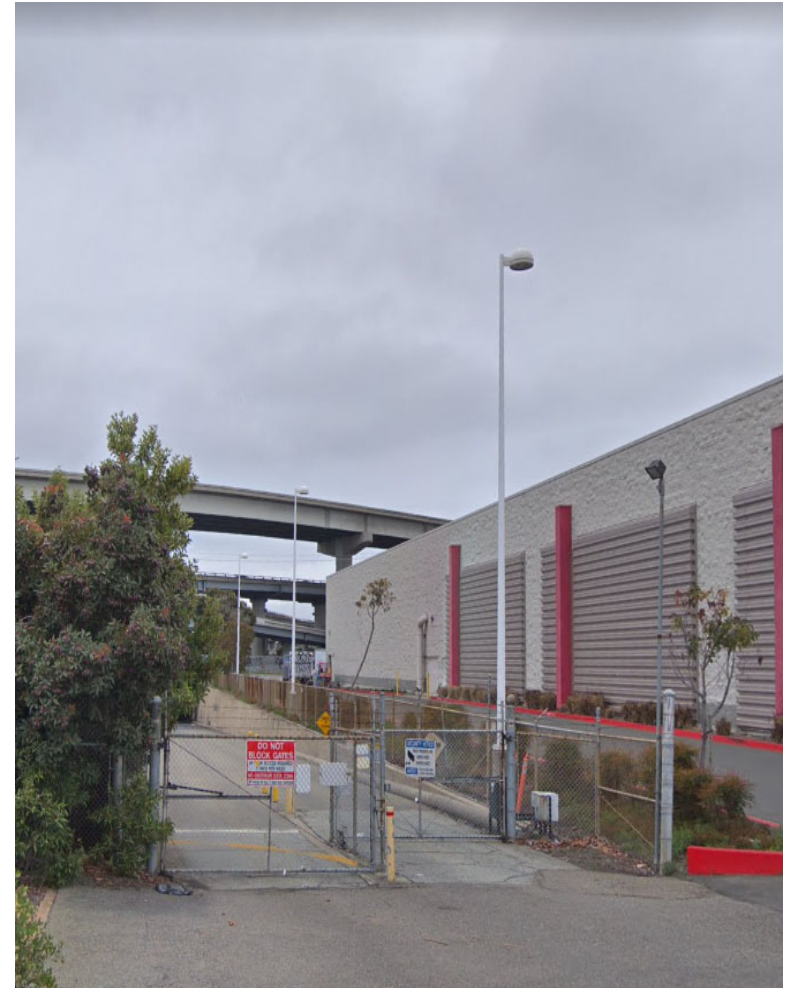
- Must have secondary access to the MWWTP due to traffic impacts
- The Yerba Buena Access Road provides reliable routine and emergency access



The Property Right is Necessary



- No formal property rights
- At risk of losing a vital access without formal property rights
- No other alternative to access the MWWTP (under-rail crossing)



Accomplish Least Private Injury and Most Public Good



- This section of road is fenced and only used by the District and not by the public
- Only access to MWWTP and dead ends into District property
- Would not serve any public benefit in the future
- No impact on the development or owner's development rights
- ***Offer of Just Compensation Has Been Made***

Next Steps



- Conduct a public hearing during the December 11, 2018 Board Meeting
- Adopt a Resolution of Necessity authorizing staff to file eminent domain actions

QUESTIONS?