



North Santa Monica Bay Projects

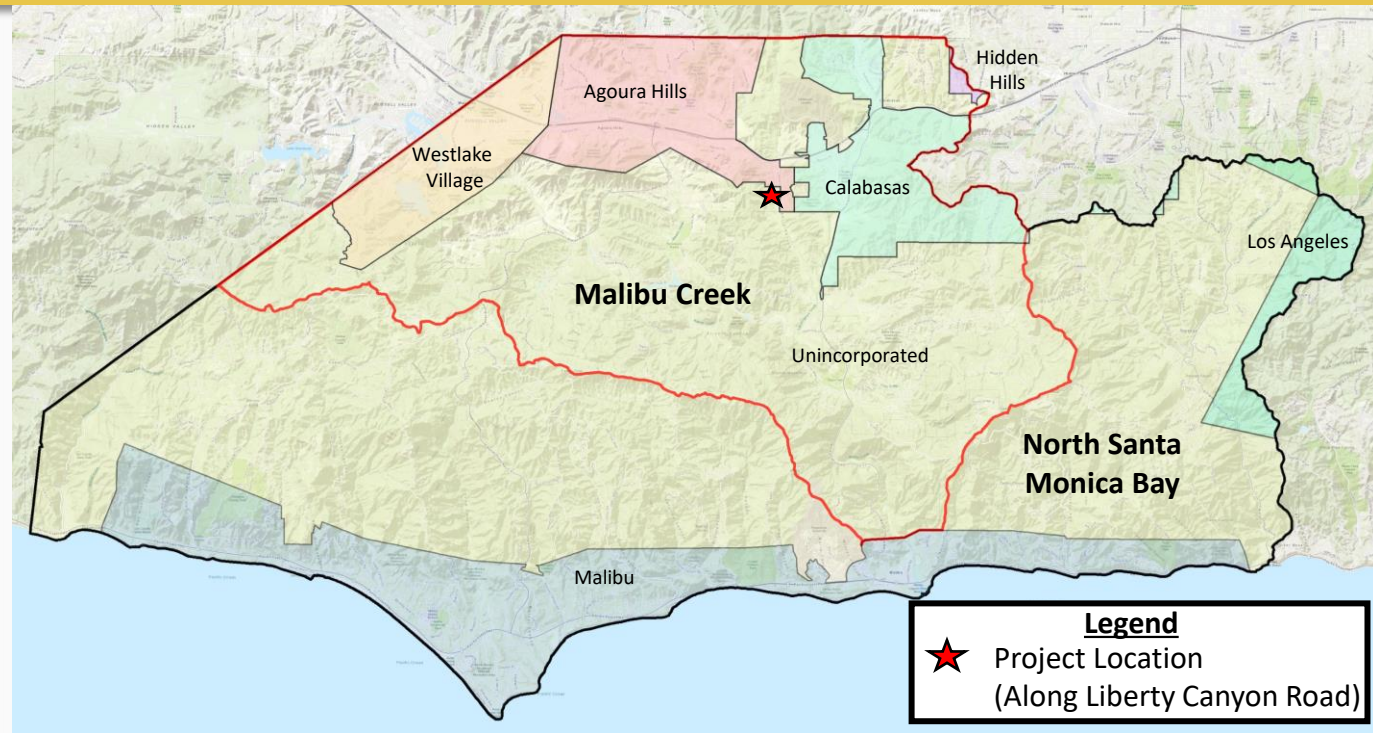
NSMB Watershed Area Project Update
11/14/24

North Santa Monica Bay Projects

Liberty Canyon Road Green Improvement Project

Background

- County Green Street Master Plan
- Malibu Creek WMP
- Capture Area – 41.8 Acres
- Planning Phase



North Santa Monica Bay Projects

Liberty Canyon Road Green Improvement Project



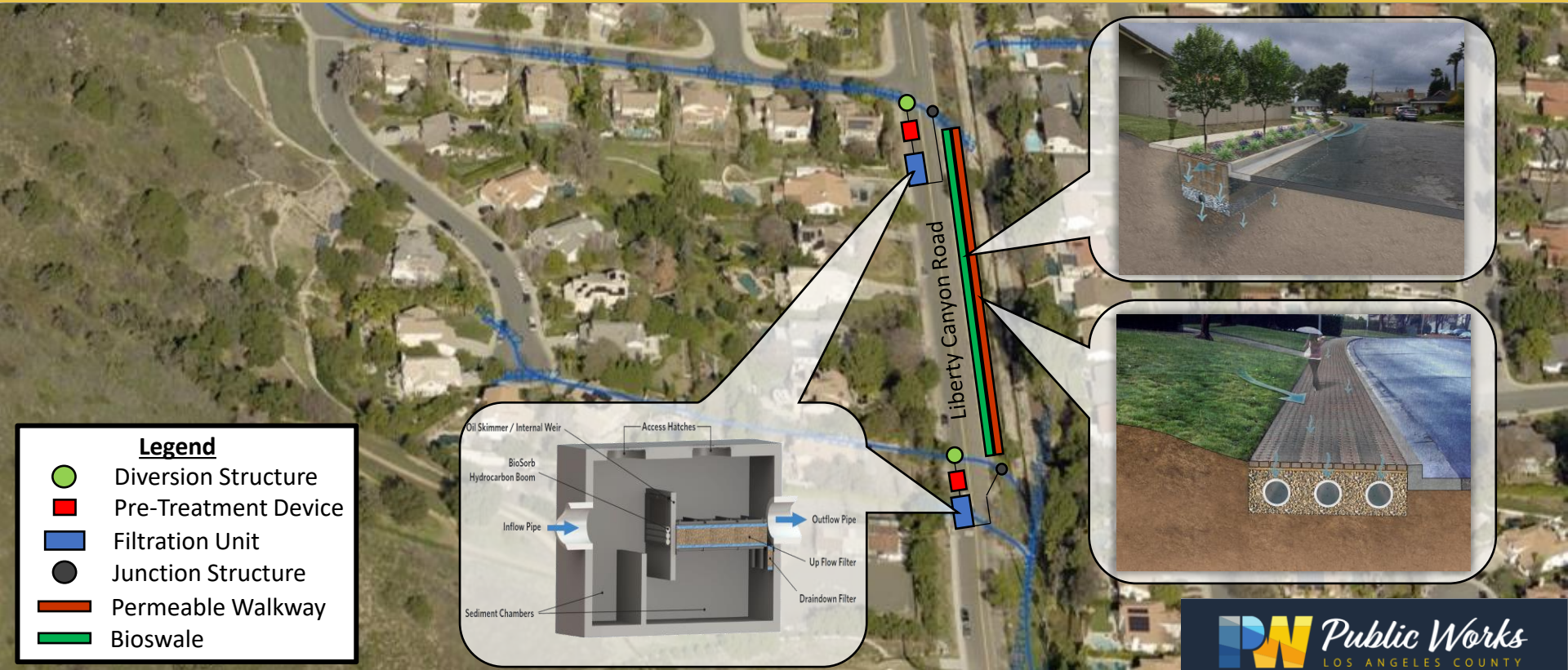
North Santa Monica Bay Projects

Liberty Canyon Road Green Improvement Project



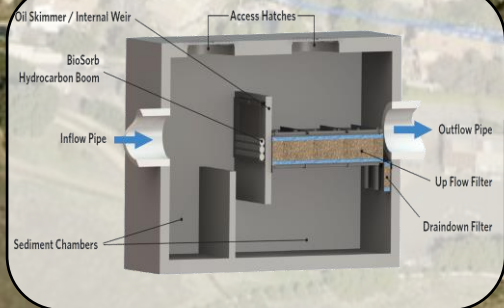
North Santa Monica Bay Projects

Liberty Canyon Road Green Improvement Project



Legend

- Diversion Structure
- Pre-Treatment Device
- Filtration Unit
- Junction Structure
- ▬ Permeable Walkway
- ▬ Bioswale



North Santa Monica Bay Projects

Liberty Canyon Road Green Improvement Project

Benefits

- Water Quality – Filtration System
- Target Pollutants – Bacteria, DDT & PCB , Sediment, Nutrients, and Trash
- Community Enhancements – Vegetation , Trees, Passive Recreation



North Santa Monica Bay Projects

Liberty Canyon Road Green Improvement Project

Schedule

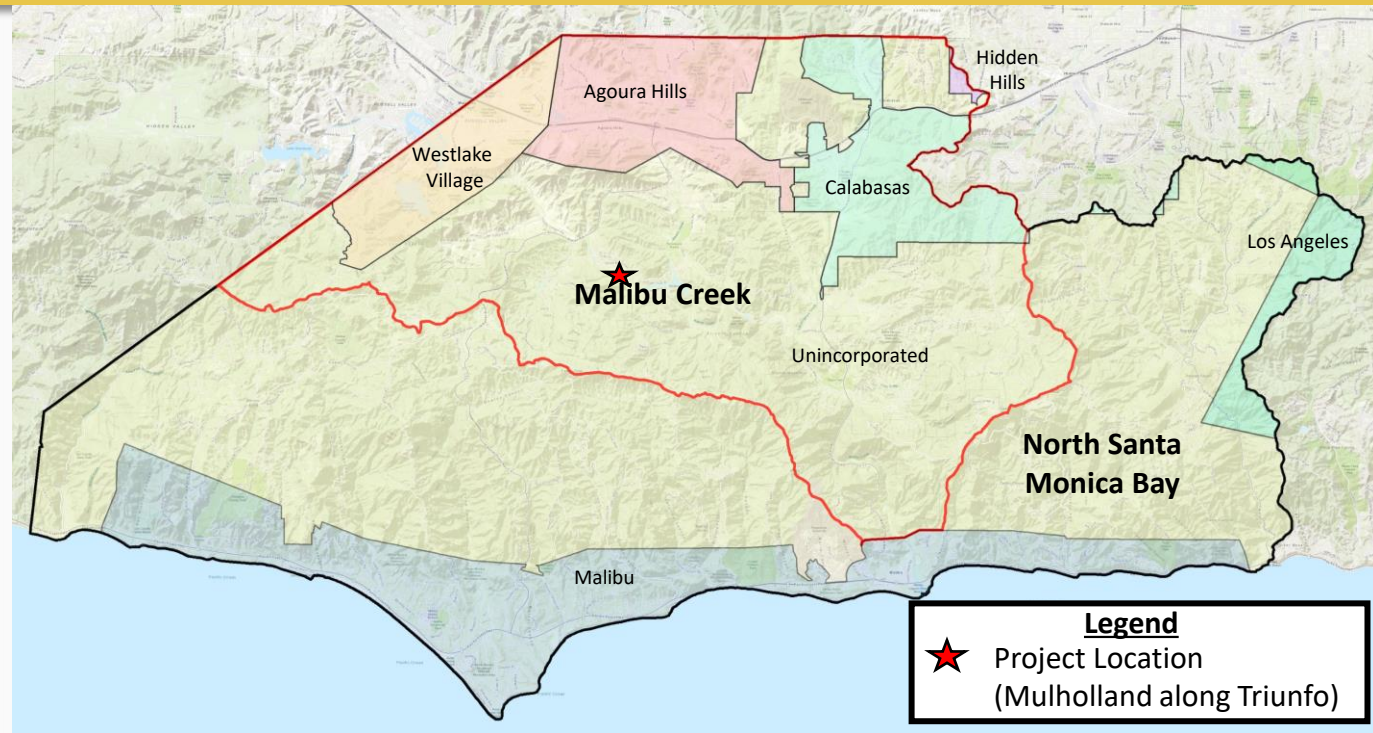
Complete Planning	1 st Qtr 2025
Complete Design	2 nd Qtr 2026
Begin Construction	1 st Qtr 2027
Complete Construction	1 st Qtr 2028

North Santa Monica Bay Projects

Mulholland Highway Green Improvement Project

Background

- Malibu Creek WMP
- Capture Area – 72.3 Acres
- Planning Phase



North Santa Monica Bay Projects

Mulholland Highway Green Improvement Project

Benefits

- Water Quality
- Protect Beneficial Uses
- Nature Based Solutions/Community Enhancements



North Santa Monica Bay Projects

Mulholland Highway Green Improvement Project



North Santa Monica Bay Projects

Mulholland Highway Green Improvement Project

MULHOLLAND HIGHWAY GREEN IMPROVEMENT PROJECT - LOCATION 1 WARING DR

- ① EXISTING STORM DRAIN
- ② DIVERSION STRUCTURE
- ③ INFLUENT PIPE
- ④ PRETREATMENT UNIT
- ⑤ STORMWATER FILTRATION UNIT
- ⑥ PUMP WELL
- ⑦ EFFLUENT PIPE
- ⑧ CONVERGENT MANHOLE
- ⑨ EXISTING CATCH BASIN
- ⑩ SURFACE RUNOFF FILTRATION UNIT
- ⑪ PUMP CONTROL VAULT
- ⑫ MONITORING STATION
- ⑬ CONNECTION TO STORM DRAIN



North Santa Monica Bay Projects

Mulholland Highway Green Improvement Project

Schedule

Complete Planning	2 nd Qtr 2025
Complete Design	2 nd Qtr 2026
Begin Construction	1 st Qtr 2027
Complete Construction	1 st Qtr 2028

North Santa Monica Bay Projects

