

North Santa Monica Bay Watershed Area Project Update

Presented by:
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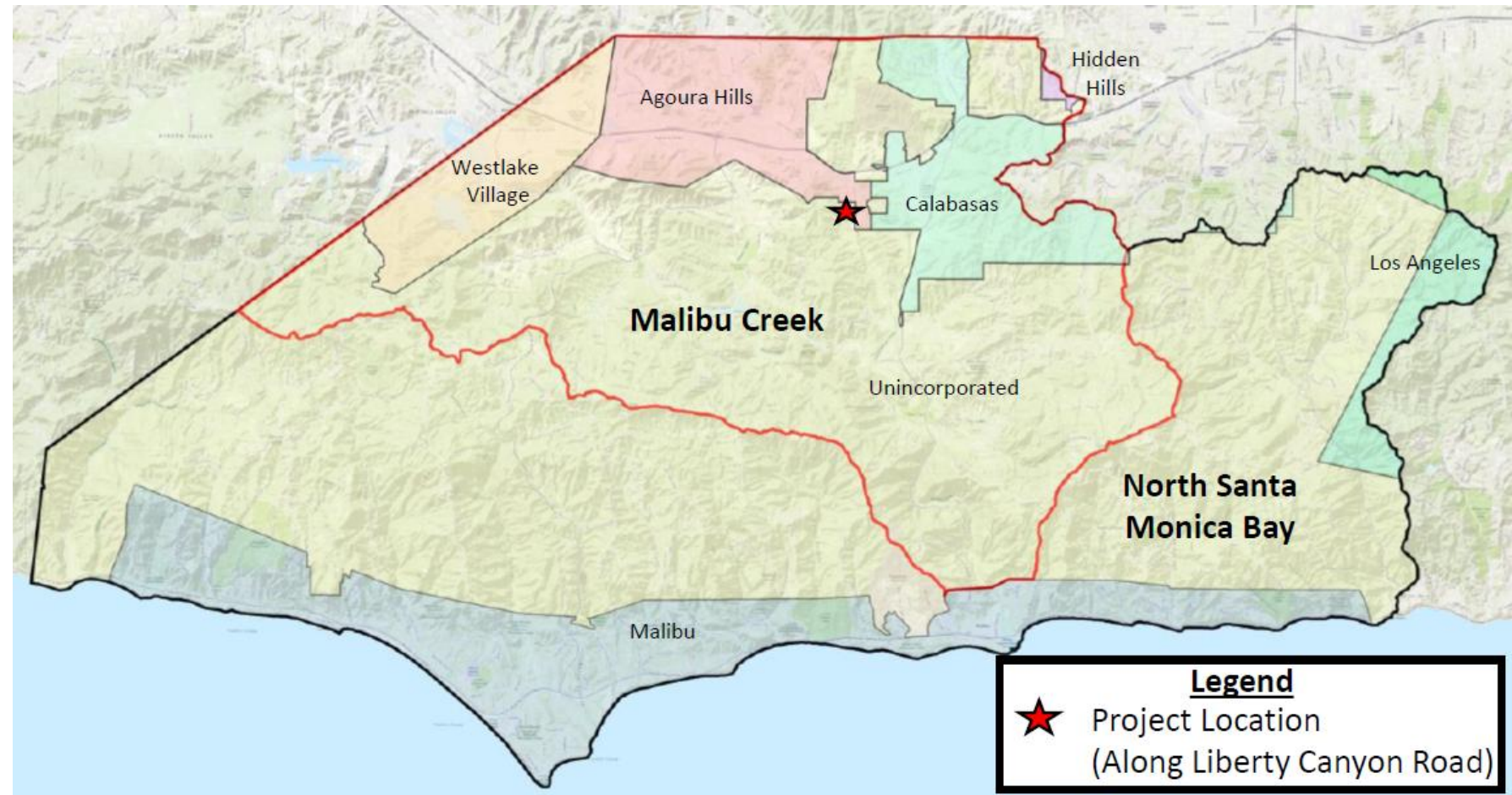
June 12, 2025



Liberty Canyon Rd Green Improvement

Background

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



Liberty Canyon Rd Green Improvement

Project Scope

- Improve water quality
- Approx. 1 AF (85th Percentile)
- Diversion structure
- Pre-treatment units
- Filtration units
- Public Road ROW



Liberty Canyon Rd Green Improvement

Project Scope

- Nature-based solutions
- Bioswales (3,480 ft²)
- Up to 27 trees
- Native/drought tolerant landscaping
- Pervious walkway (3,425 ft²)



CAREX OVALIS
SHRDLAND SEDGE
2' HIGH X 3' WIDE



CAREX FLACCA
CALIFORNIA MEADOW
2' HIGH X 3' WIDE



CAREX WOODII
WOOD'S SEDGE
3' HIGH X 3' WIDE



DIETSA BICOLOR
AFRICAN DASSY
3' HIGH X 3' WIDE



FESTUCA MARITIMA
ATLAS FESCUE
3' HIGH X 2' WIDE



CAREX DIVARICATA
SHRDLAND SEDGE
3' HIGH X 2' WIDE

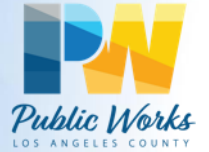


LEYMUS CONDENSATUS
SWART WILD RYE
3' HIGH X 2' WIDE



MUHLENBERGIA RIGENS
DAIR GRASS
3' HIGH X 4' WIDE

Liberty Canyon Rd Green Improvement

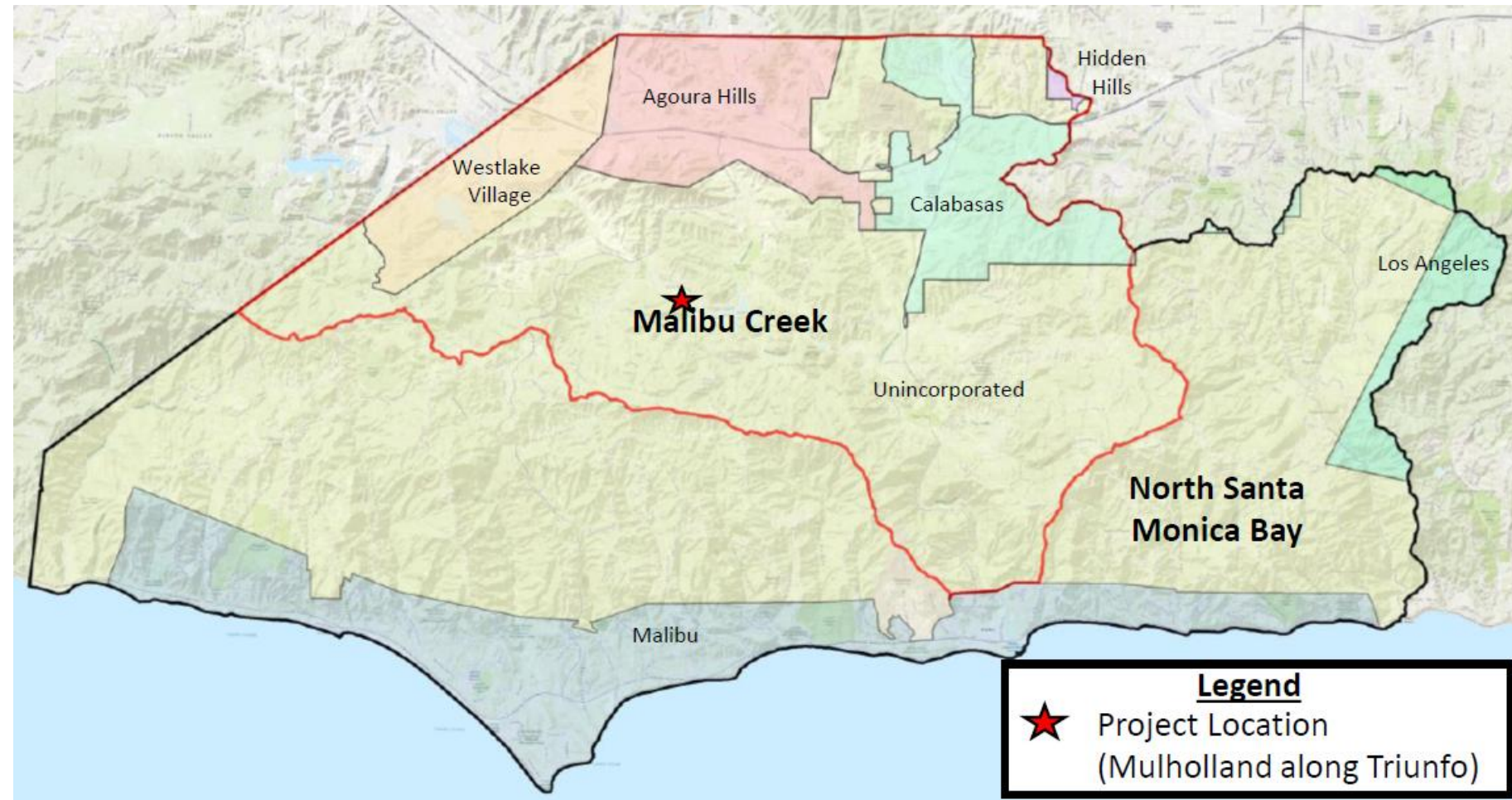


Schedule	
Complete Planning	3 rd Qtr 2025
Complete Design	3 rd Qtr 2026
Begin Construction	2 nd Qtr 2027
Complete Construction	2 nd Qtr 2028

Mulholland Hwy Green Improvement

Background

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



Mulholland Hwy Green Improvement

Project Scope

- Improve water quality
- Approx. 1 AF (85th Percentile)
- Diversion structure
- Pre-treatment units
- Filtration units
- Infiltration galleries
- Public Road ROW



Mulholland Hwy Green Improvement

Project Scope

- Nature-based solutions
- Bioswales
- Trees
- Aboveground landscaping



MULHOLLAND HWY AT WARING DR



MULHOLLAND HWY AT CAREFUL AV



MULHOLLAND HWY AT 590' E/O CAREFUL AV

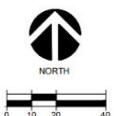


MULHOLLAND HWY AT OUTLETT TR

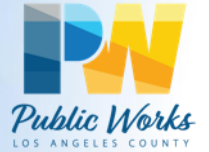
LEGEND

- ① 8" HIGH PCC CURB
- ② CURB INLETS
- ③ SIDEWALK
- ④ CURB OUTLET
- ⑤ NEW CURB RAMP
- ⑥ GUARD RAIL
- ⑦ PERMEABLE ASPHALT PAVEMENT
- ⑧ GABION RETAINING WALL SYSTEM
- ⑨ CRUSHED ROCK RETENTION BASIN
- ⑩ BOULDERS
- ⑪ VEGETATED BIOSWALE
- ⑫ TREES
- ⑬ EXIST. FIRE HYDRANT AND POSTS

MULHOLLAND HWY ET AL CONCEPT DESIGN - PLAN ENLARGEMENTS



Mulholland Hwy Green Improvement



Schedule	
Complete Planning	4 th Qtr 2025
Complete Design	4 th Qtr 2026
Begin Construction	2 nd Qtr 2027
Complete Construction	2 nd Qtr 2028

Thank You



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