



Welcome to the Muir Woods Road Improvement Project Public Scoping Meeting

November 9, 2016

Project Partners

- ◆ Federal Highway Administration – Central Federal Lands Highway Division
- ◆ County of Marin
- ◆ National Park Service – Golden Gate National Recreation Area
- ◆ California Department of Parks and Recreation



Purpose of Meeting

- ◆ Learn about the Muir Woods Road Improvement Project
- ◆ Learn about the environmental process and opportunities to provide public input
- ◆ Provide an opportunity to ask questions of the project team
- ◆ ***Give your input



Agenda for tonight

- ◆ Introduce the project
- ◆ Review the roles and responsibilities
- ◆ Present the range of problems we are trying to solve
- ◆ Review the NEPA/CEQA environmental process
- ◆ Discuss the overall Muir Woods Road project schedule
- ◆ Identify opportunities for public input



Muir Woods Road Project Limits



Project Funding

◆ Road Deficiencies

- Degraded roadway
- Several embankment erosion sites have reduced functionality
- Culverts are at the end of their service life

◆ Bridge Deficiencies

- Structural concrete and steel deficiencies
- Bridge alignment does not meet current road standards
- Railings do not meet current safety standards
- Scour from the creek has undermined the structure

Road Project Funding

Total Cost: \$5.9 million

Federal Lands Access Program

Federal: 88.53%

Local: 11.47%

Bridge Project Funding

Total Cost: \$2.2 million

Highway Bridge Program

Federal: 88.53%

Local: 11.47%

Roles and Responsibilities

◆ FHWA-CFLHD

- Deliver, design, and construct the project
 - Develop plans, specifications, and estimates
 - Advertise and award the construction contract
 - Administer contract during construction
- Lead agency for NEPA compliance

◆ NPS and State Parks

- Provide technical information and data
- Review of plans and environmental documents

◆ County of Marin

- Applicant for the project
- Owner maintaining agency
- Lead agency for CEQA compliance
- Provide technical information and data
- Review of plans and environmental documents



Identified Issues

- ◆ Roadway embankments have been eroded and undermined
- ◆ Slope failures have reduced the road to one lane
- ◆ Pavement is damaged from poor drainage
- ◆ Road widths vary from 18 feet to 24 feet



Identified Issues

- ◆ Narrow lanes make it difficult for vehicles to pass bicyclists
- ◆ Vehicles driving or parking off-road have damaged riparian vegetation and led to increased sedimentation to Redwood Creek
- ◆ Aging bridge has exposed bridge footings, deteriorating concrete, and corroded rebar



Project Description

Phase A –

Proposed Road Project:

- Stabilize slopes and repair roadway in eight locations
- Widen the roadway to a consistent 24-foot width
- Improve drainage by replacing deteriorating and substandard culverts
- Restore, rehabilitate, and resurface the road

Phase B-

Proposed Bridge Replacement:

- Replace existing substandard bridge with new structure with two lanes, shoulders, and a sidewalk



Resources of Concern



Water Quality



Threatened and Endangered Species and Sensitive Species

Wetlands and Water of the U.S.



Vegetation/Noxious Weeds

Noise



Recreation Access and Safety



Air Quality



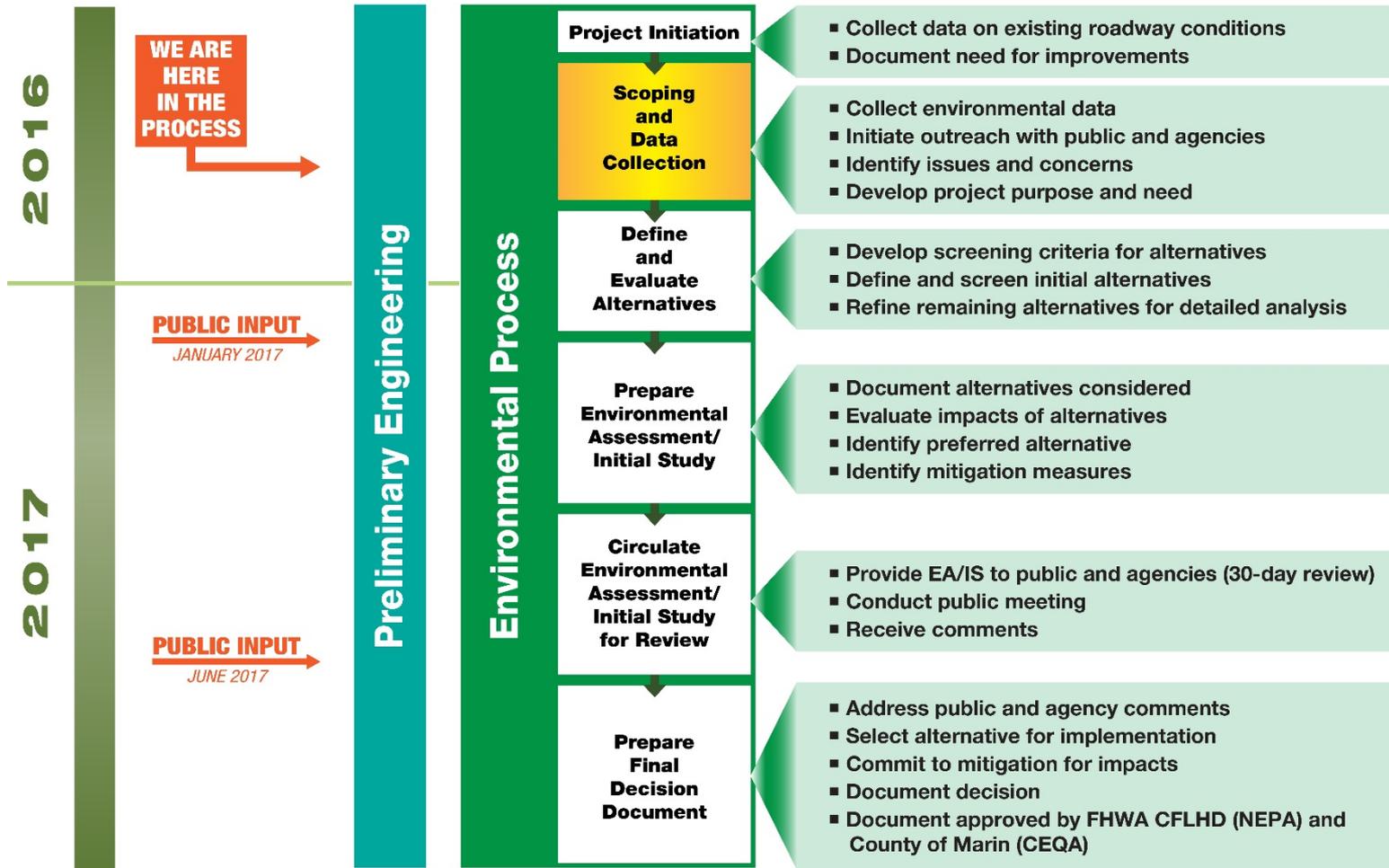
Right of Way

Cultural Resources

and others



Environmental Process



Overall Project Schedule



We Want Your Input

- ◆ What difficulties are you aware of along the corridor?
- ◆ What type of solutions should be considered to address problems in the corridor?
- ◆ What elements should be preserved along the corridor?
- ◆ Are you aware of sensitive resources that may be affected by the project?
- ◆ Are you aware of groups, individuals, or organizations that should be made aware of the project?
- ◆ What concerns or questions do you have about the project?



We want your input

Your input is critical

We welcome comments before December 9, 2016

- ◆ Provide written comments tonight
- ◆ Website at <http://parkplanning.nps.gov/muwo>
- ◆ Send written comments to:
Nathan Allen, Project Manager, CFLHD
12300 West Dakota Ave., Suite. 380
Lakewood, CO 80228



Questions or Comments

