

Carmel River Floodplain Restoration
and Environmental Enhancement
Project (REF 140048)
(Carmel River FREE Project)

Board of Supervisors Meeting

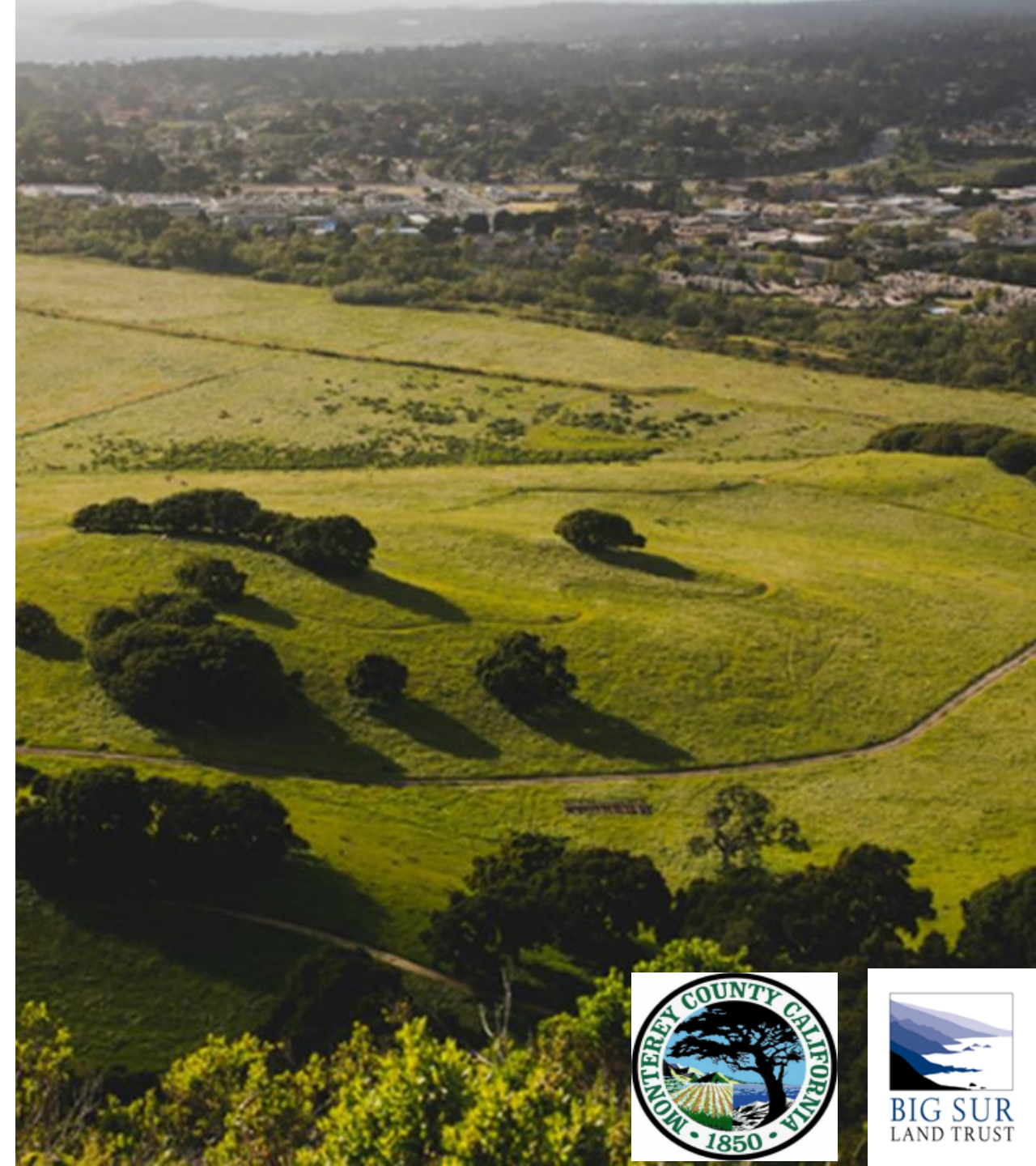
June 15, 2021

Scheduled Item No. 13



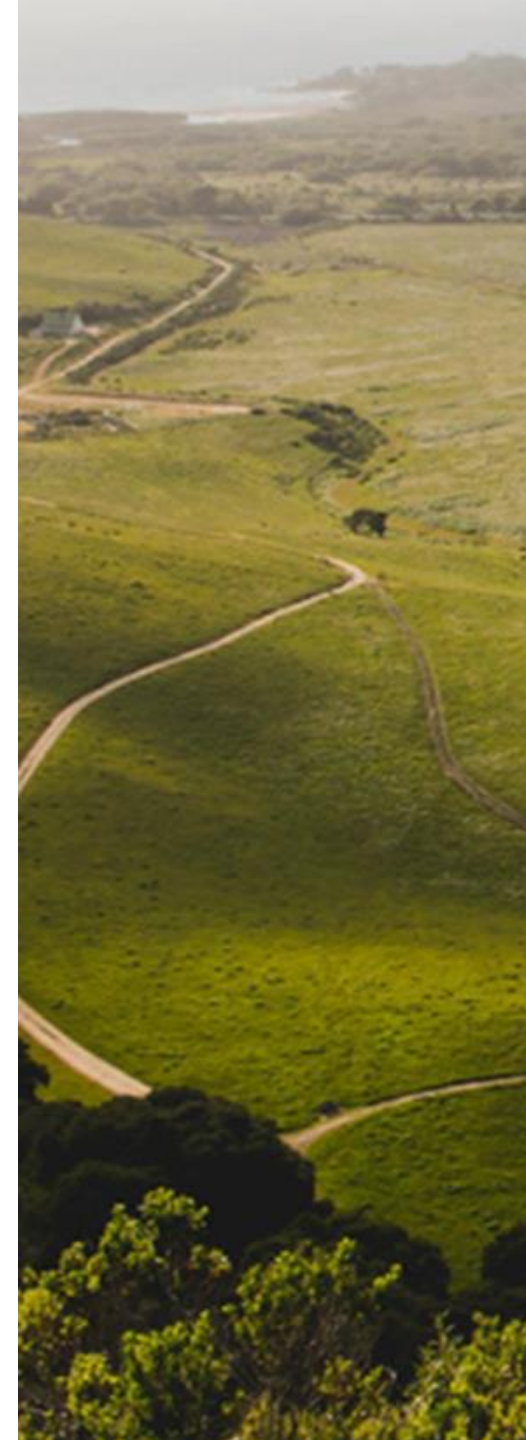
Adopt a Resolution to:

- A. Consider the previously certified EIR/EA;
 - Certified January 28, 2020
- B. Approve the CRFREE Project;
 - Preferred Project as described in EIR
- C. Authorize the Director of the HCD to apply for and obtain encroachment permits from Caltrans and to apply for permits and entitlements from the California Coastal Commission, and other agencies; and
- D. Adopt a mitigation monitoring and reporting plan.



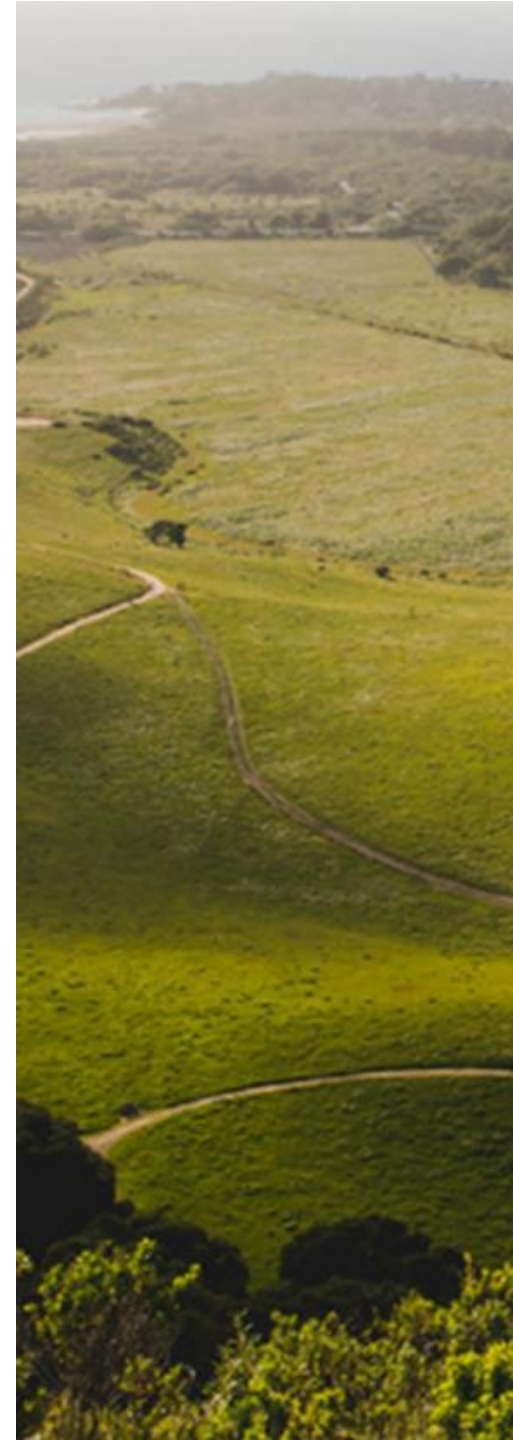
Adopting this Resolution will:

- Approve the Preferred Project, as described by the 2020 EIR/EA
- Find the Project Consistent with the following:
 - The 1982 Monterey County General Plan
 - The Carmel Land Use Area Plan
 - Title 20 of the Monterey County Code (coastal zoning ordinance)
 - The Carmel Area Coastal Implementation Plan (Monterey County Code, Title 20. Part 4)



**Potential CEQA Impacts –
Potentially Significant Environmental Impacts Reduced to ‘Less than
Significant’ by Mitigation Measures:**

- Aesthetics
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Noise
- Public Services
- Transportation/Traffic
- Tribal Cultural Resources



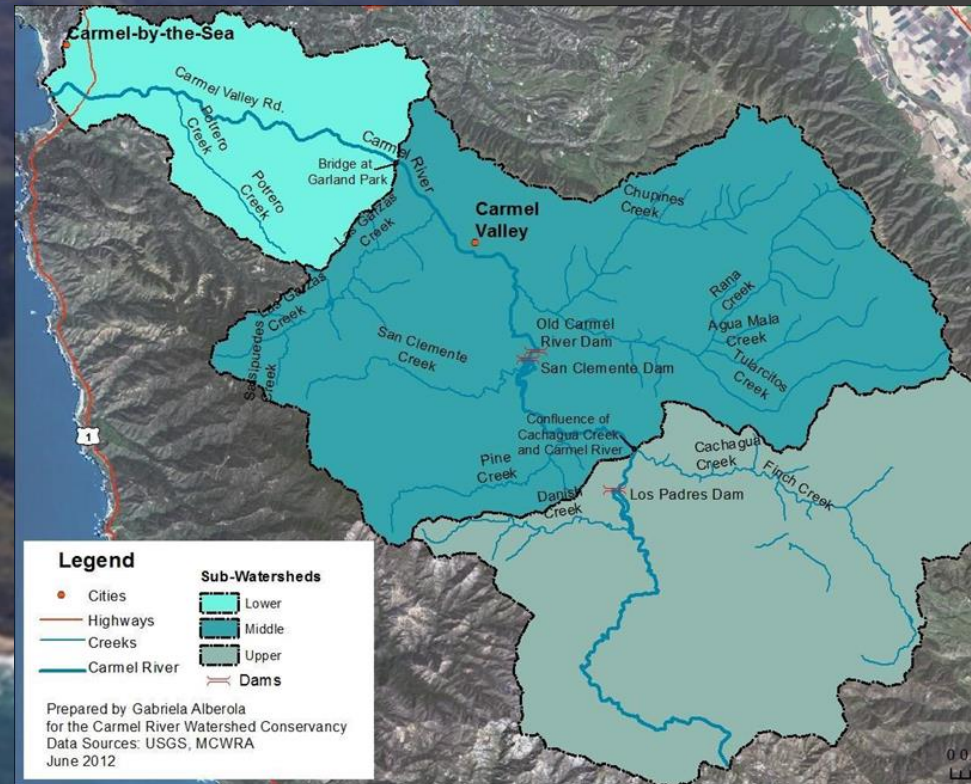
Rancho Canada Carmel River Protection and Instream Flow Enhancement Project

Trust for Public Land, MPRPD, Santa Lucia Conservancy, Trout Unlimited

Carmel River FREE Project
Monterey County and Big Sur Land Trust

Carmel Lagoon Enhancement Project
State Parks
(Completed 2007)

Carmel Lagoon Ecosystem Protection Barrier, Scenic Rd. Protection and Sand Bar Management - Monterey County

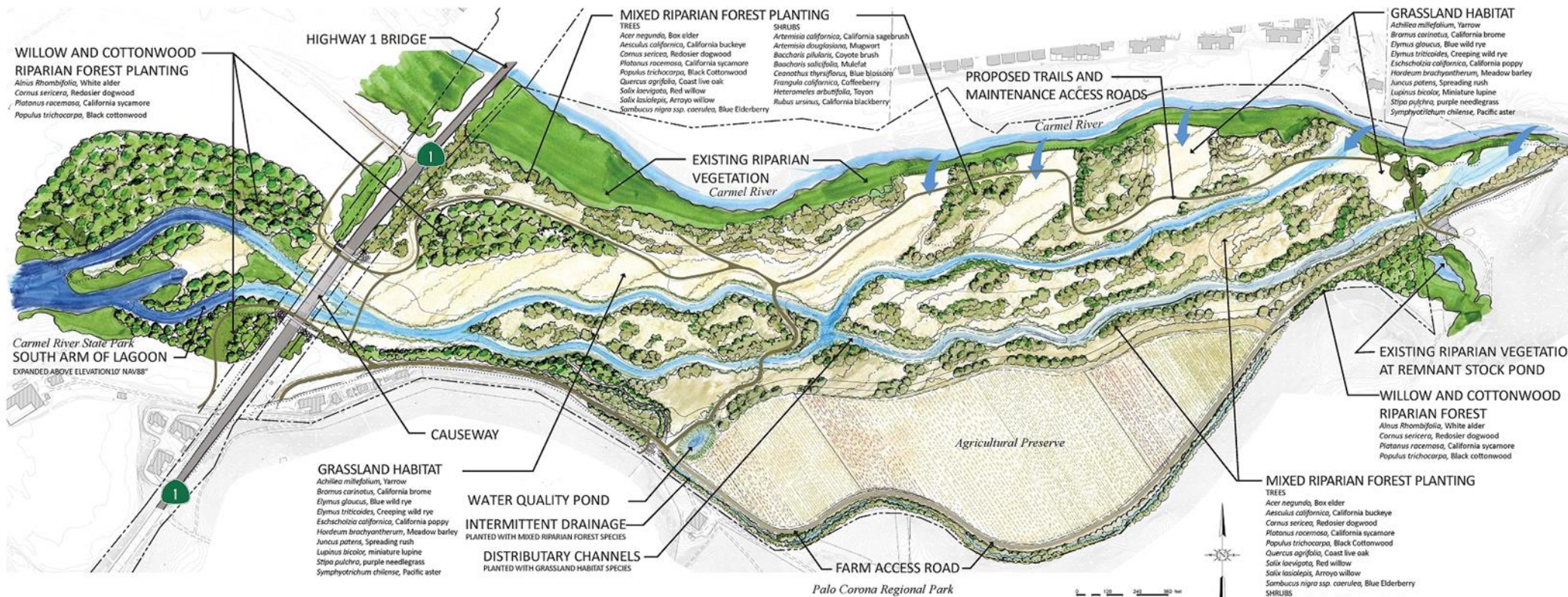


Park Plans:

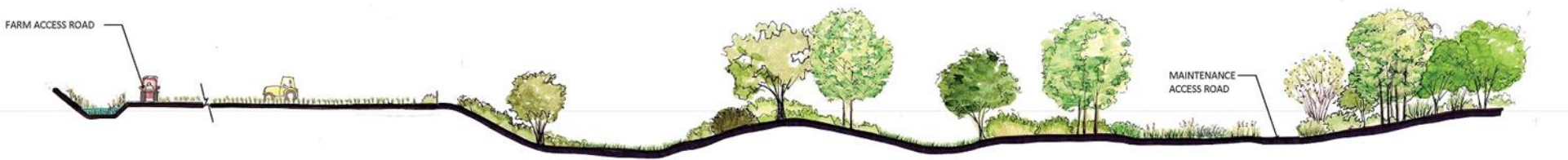
- **Palo Corona Regional Park General Plan**
Monterey Peninsula Regional Park District (MPRPD)
- **Carmel Area State Parks General Plan**
State Parks

Carmel River FREE has multiple benefits

- Increase riparian and wetland habitat
- Reconnect restored floodplain from east to west of Highway 1
- Reduce flood risks in urban areas
- Save flood control improvement costs
- Avoid overtopping Highway 1 during flood events
- Protect agricultural land from flooding
- Improve water quality
- Recharge groundwater and base flows to the Carmel River
- Provide public trails and recreation



CONCEPTUAL FLOODPLAIN RESTORATION AND REVEGETATION PLAN VIEW



TYPICAL SECTION 1" = 30' horizontal, x 3 vertical

INTERMITTENT DRAINAGE AGRICULTURAL PRESERVE DISTRIBUTARY CHANNEL MIXED RIPARIAN FOREST DISTRIBUTARY CHANNEL MIXED RIPARIAN FOREST GRASSLAND PLANTING (E)RIPARIAN AT CARMEL RIVER



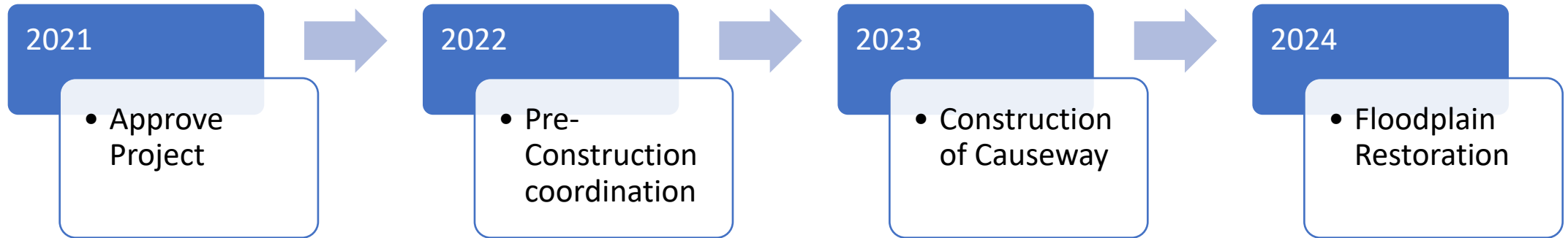
PROJECT PARTNERS:
 Big Sur Land Trust
 Monterey County RMA

DESIGN TEAM:
 Whitson Engineers
 Balance Hydrologics
 H.T. Harvey & Associates
 Cornerstone Structural Engineering Group
 Kleinfelder
 Avila & Associates
 Conservation Collaborative



CARMEL RIVER FLOODPLAIN RESTORATION & ENVIRONMENTAL ENHANCEMENT PROJECT
 Monterey County, California
 May 22, 2015

Timeline



CRFREE Project Cost Estimate

Spent to date: \$1,326,315

Total remaining cost: \$42,034,954

Potential and Awarded Grant Funds: \$43,648,298



Grant Funding

Active Grants	Amount	Term
Wildlife Conservation Board	\$2,500,000	Feb 2020 – Nov 2024
National Fish and Wildlife Foundation	\$300,243	Dec 2019 – Jun 1, 2022
DWR * Flood Corridor	\$5,000,000	2014 – Dec 2022
DWR* Urban Streams	\$1,000,000	2015 – Dec 2022
Big Sur Land Trust Private Funding	\$2,000,000	For ongoing maintenance

*California Department of Water Resources (DWR)

Awarded not yet accepted Grants	Amount	Expiration
CalTrans	\$1,000,000	
California State Coastal Conservancy	\$4,250,000	Dec 2024

Applied, not yet awarded Grants	Amount	
CalOES/FEMA HMGP	\$22,949,000	5 years after award
DWR Coastal Flood	\$5,147,149	Dec 2024

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