



Cliff Drive Resiliency Project

City Council
October 12, 2023

Cliff Drive Resiliency Project Background



Cliff Drive

- Heavily utilized arterial road
- Emergency Access
- Multi-user

Sustained damage January 2023

- Rip rap revetment damage
- Localized bluff erosion

Funding Secured

- FHWA ER
- CCC LCP Grant



Jewel St

Opal St

Topaz St

47th Ave

49th Ave

Active Matrix Networks

Surf & Sand
Mobile Home Park

Parking

Hooper Beach
Cliff-backed beach with a pier

North Pier

Localized erosion
lower parking lot

Localized erosion,
upper parking lot

Google

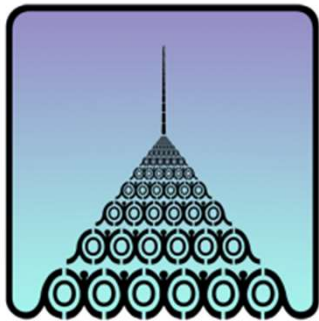




Cliff Drive Resiliency Project Design Consultant Selection



CSW | ST 2



moffatt & nichol



ENGEO



Cliff Drive Resiliency Project

Design Scope



Phase 1 - Alternatives

- Existing conditions, opportunities, and constraints
- Community and stakeholder outreach
- Project alternatives
- Refine preferred alternative for CEQA and NEPA

Phase 2 -Environmental Review and Design

- Environmental review and regulatory permits
- Final plans for bidding and construction

Cliff Drive Resiliency Project

Phase 1: Opportunities and Constraints Assessment



Tasks

- Assess existing conditions (property boundaries, topography, utilities, etc.)
- Initial technical analyses
- Understand precedent and mitigation measures for bluff armoring

Deliverable

- Opportunities and constraints map integrating topography, boundaries, environmental and cultural resources, geologic hazards, and view corridors.

Cliff Drive Resiliency Project

Phase 1: Alternatives Analysis



Tasks

- Detailed analysis and visual exhibits of alternatives
- Outreach
- Refine alternatives and identify preferred option

Deliverable

- Final alternatives report and preferred alternative
- LCP Amendment

Cliff Drive Resiliency Project

Phase 1: Preliminary Engineering



Tasks

- Final technical analyses and surveying
- Stakeholder Outreach

Deliverable

- 35% PS&E and renderings

Cliff Drive Resiliency Project

Phase 2: Environmental Review



Tasks

- Project description based on 35% design
- Prepare and circulate CEQA documentation (IS/MND)
- NEPA categorical exclusions

Cliff Drive Resiliency Project

Phase 2: Permitting



Regulatory Permit Applications

- Endangered Species Act Biological Assessment, Lake and Streambed Alteration Agreement, Cultural Resources Assessment, USACE Nationwide Permit, Water Quality Certification
- And more!

Coastal Development Permit

- Complete application and secure approval through the Local Coastal Program

Cliff Drive Resiliency Project

Phase 2: Final Design



Final (bid ready) PS&E

Documents for Caltrans Local Assistance

- Request for authorization

Cliff Drive Resiliency Project Project Schedule



	2023 Q4			2024 Q1			2024 Q2			2024 Q3			2024 Q4			2025 Q1			2025 Q2		
TASK	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Phase 1 - Alternatives																					
Opportunities and Constraints	Active	Active	Active	Completed				Active						Active						Active	
Alternatives Analysis		Active		Completed	Completed	Completed	Active	Active	Active	Active	Active	Active		Active						Active	
Preliminary Engineering		Active					Active	Active	Active	Active	Active	Active		Active						Active	
Phase 2 - Environmental Review and Design																					
Environmental Review		Active						Active	Active	Active	Active	Active	Active	Active	Active					Active	
Permitting		Active						Active	Active	Active	Active	Active	Active	Active	Active					Active	
Final Design		Active						Active							Active	Completed	Completed	Completed	Active	Active	

Cliff Drive Resiliency Project

Fiscal Impact



Federal ER funding awarded: \$839,408

- FHWA/Caltrans LA reimbursement: \$743,127 (88.53%)

City match: \$96,281 (11.47%)

- Coastal Commission grant: \$96,281

Total project budget: \$1.2M

- Remaining design project budget covered by CCC Grant (\$354k)
- $\$743k + \$96k + \$354k = \$1.2M$

Cliff Drive Resiliency Project Construction Funding



Available funding: \$8.4M

- Federal funding reimbursement rate: 88.53%

City match: \$918,000 (11.47%)

- Measure F
- State Coastal Conservancy
- Other Grant Opportunities

Recommended Action

- Authorize City Manager to execute a Professional Services Agreement with CSW/ST2 substantially similar form as the attached agreement
 - Pending Caltrans A&I and A&E approval
- Adopt a resolution amending FY 2023-24 Budget to accept and appropriate grant funding from CCC and FHWA

