



# Pre-Proposal Workshop

## Lower Colma Creek Resilience Projects: San Mateo Avenue to Utah Avenue Planning and Design

San Mateo County Flood and Sea Level Rise Resiliency District

Len Materman, CEO

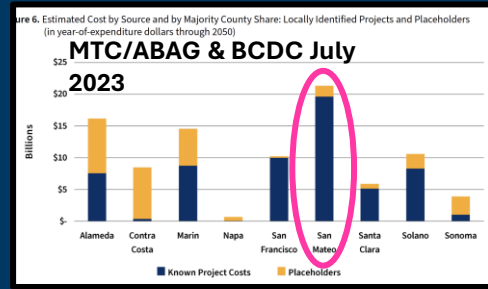
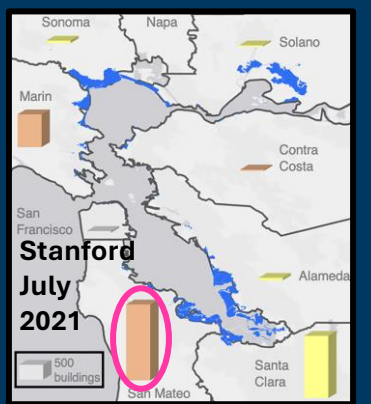
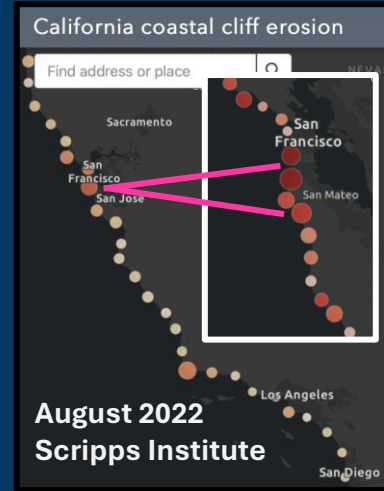
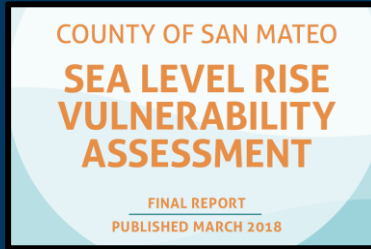
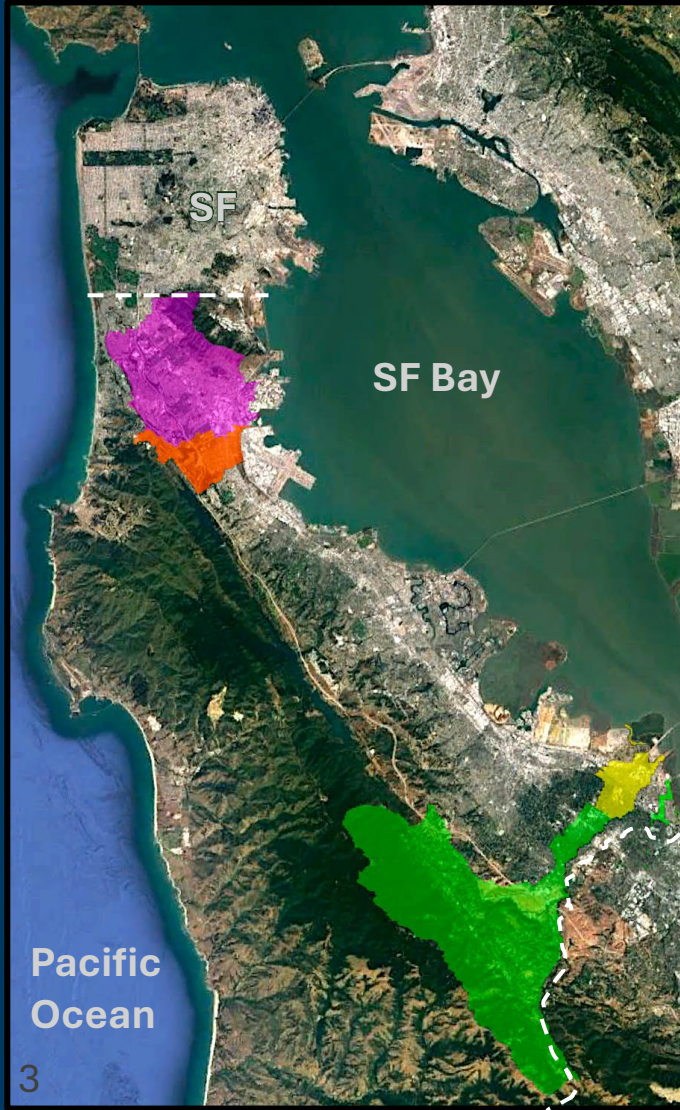
Johnathan Perisho, Project Manager

January 28, 2025

# Outline

- OneShoreline Background
- Project Area
- Lower Colma Creek Resilience Projects RFP
- Dates
- Questions

# OneShoreline Background



Climate change is a transformative challenge that local jurisdictions were not well-positioned to address individually.

State law created OneShoreline on Jan 1, 2020 as the first independent government agency in CA to plan and build regional resilience related to the water-related impacts of climate change: flooding, sea level rise, groundwater rise, and coastal erosion.

A holistic approach to:

**THREATS**

**GEOGRAPHY**

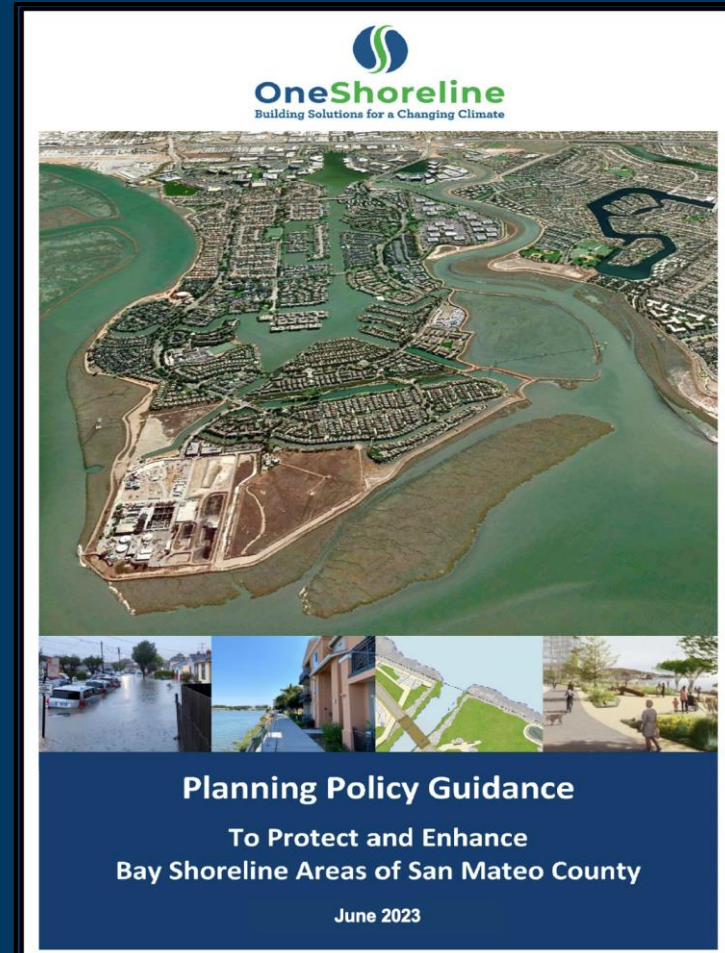
**OBJECTIVES**

# OneShoreline Priorities

Plan land use and infrastructure for future climate-driven conditions

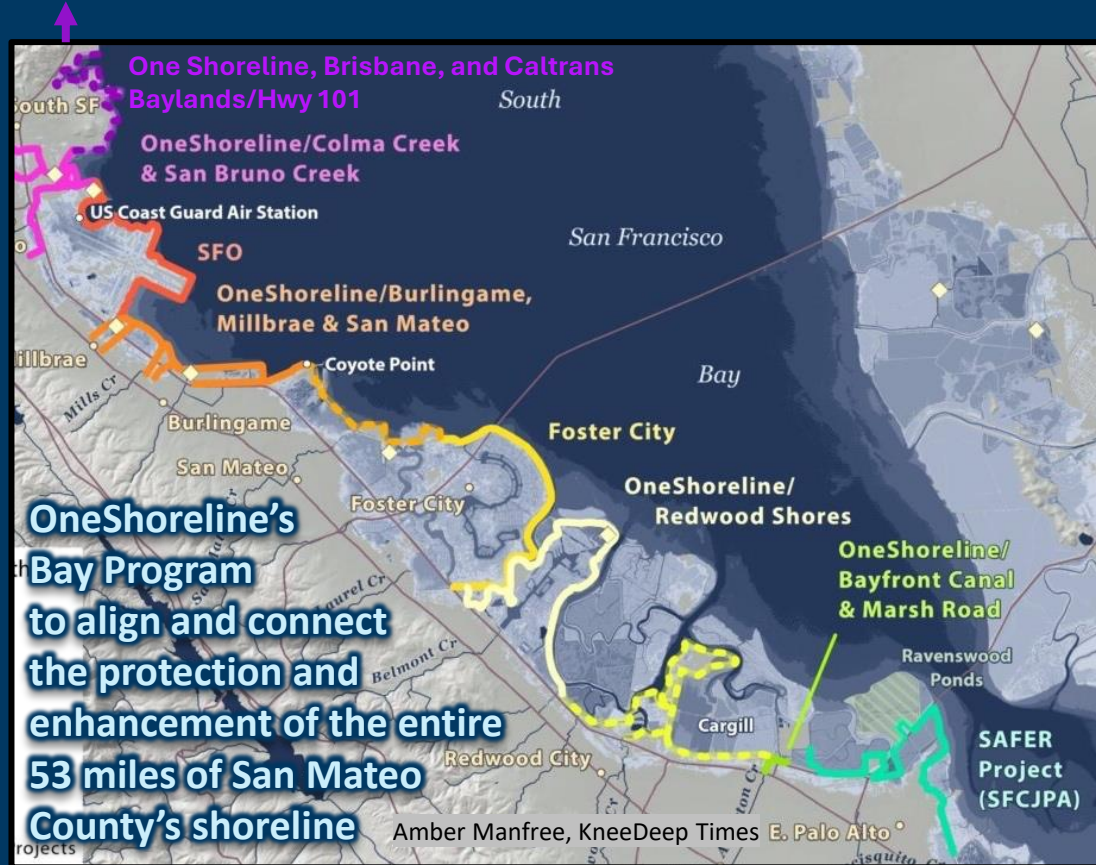


Documents that guide what we want our communities to look like should require that we site and design: buildings (including housing), roads, utilities, parks, etc. so these assets can function for their intended lifespan as the climate changes.



# OneShoreline Priorities

Advance projects that align short- and long-term resilience across jurisdictions



Develop ongoing funding to sustain efforts for resilience today and long-term

This aerial map of San Francisco features several red stars marking specific locations. A text box in the upper right corner reads: "Alert people to, and reduce the impacts of, extreme storms".

Inset images include:

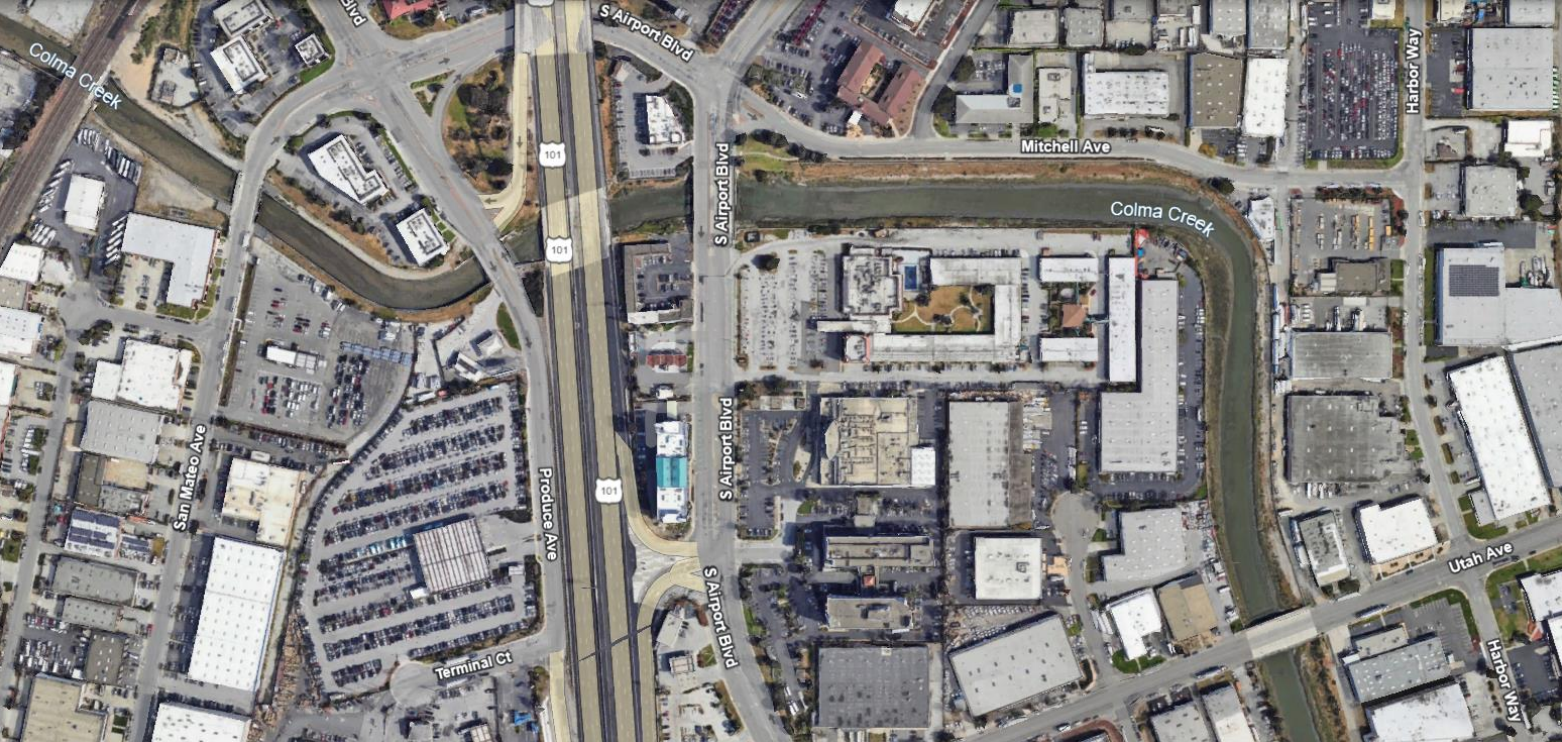
- A large group of people in a meeting room.
- A flooded residential street with a red car.
- A construction site with a crane.
- People cleaning up debris in a flooded area.

A line graph at the bottom right shows water levels for "Atherton Channel upstream of CalTrain (41106) Stage (7)" from January 21, 2024, to January 22, 2024. The graph includes a legend for:

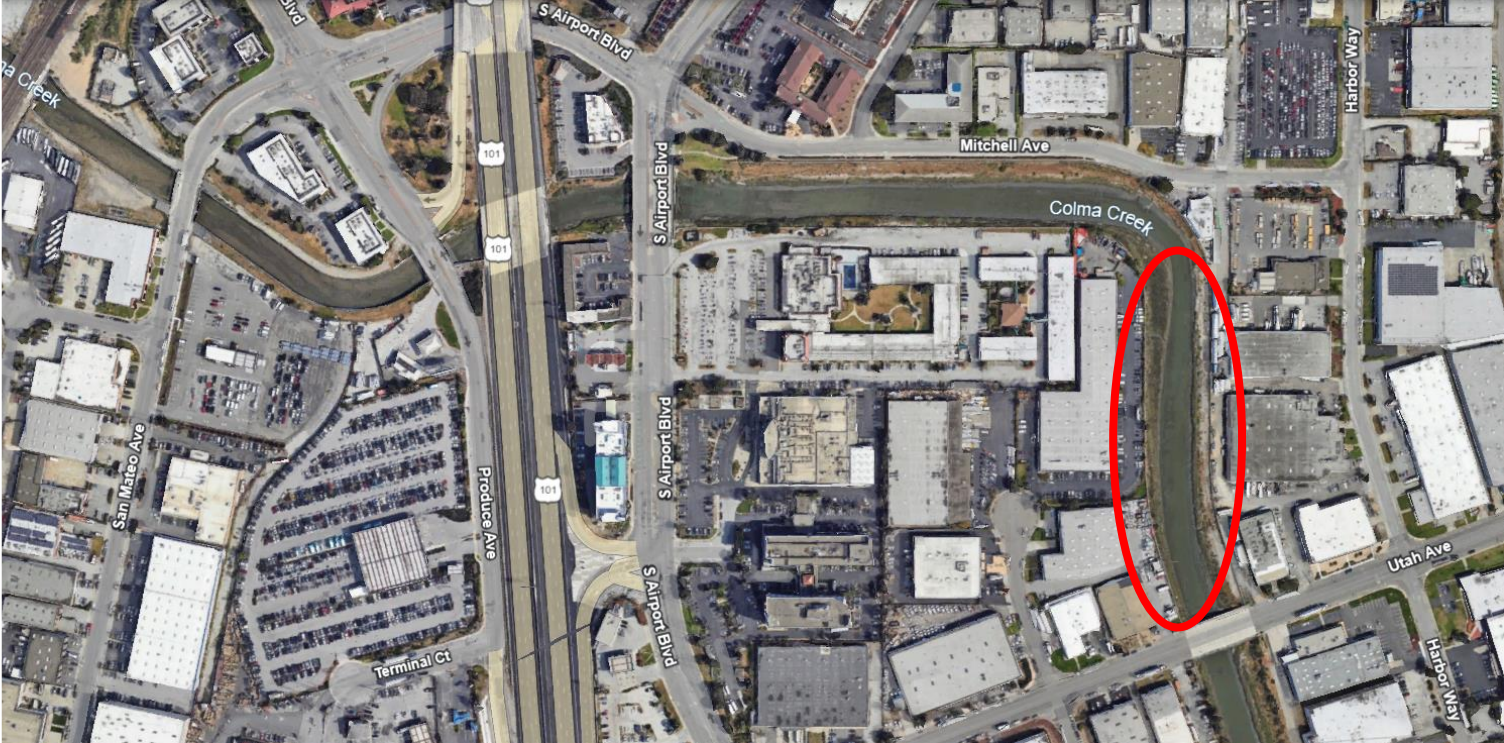
- Flood Warning: 5.50 ft
- Flood Watch: 4.10 ft
- Flood Monitoring: 2.80 ft
- Normal: 0.00 ft

The graph shows a significant peak in water levels on January 22, 2024, reaching above the Flood Warning threshold.

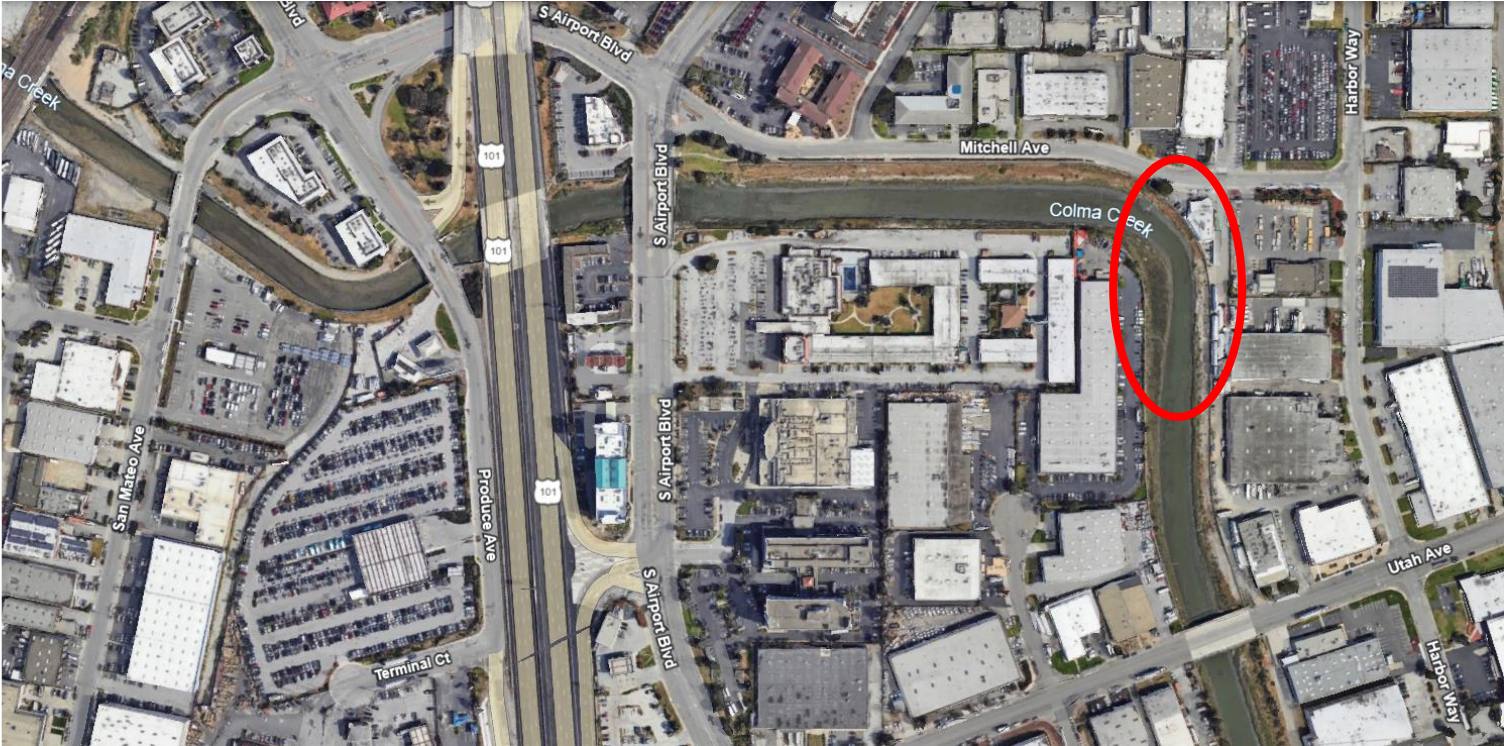
# Project Area



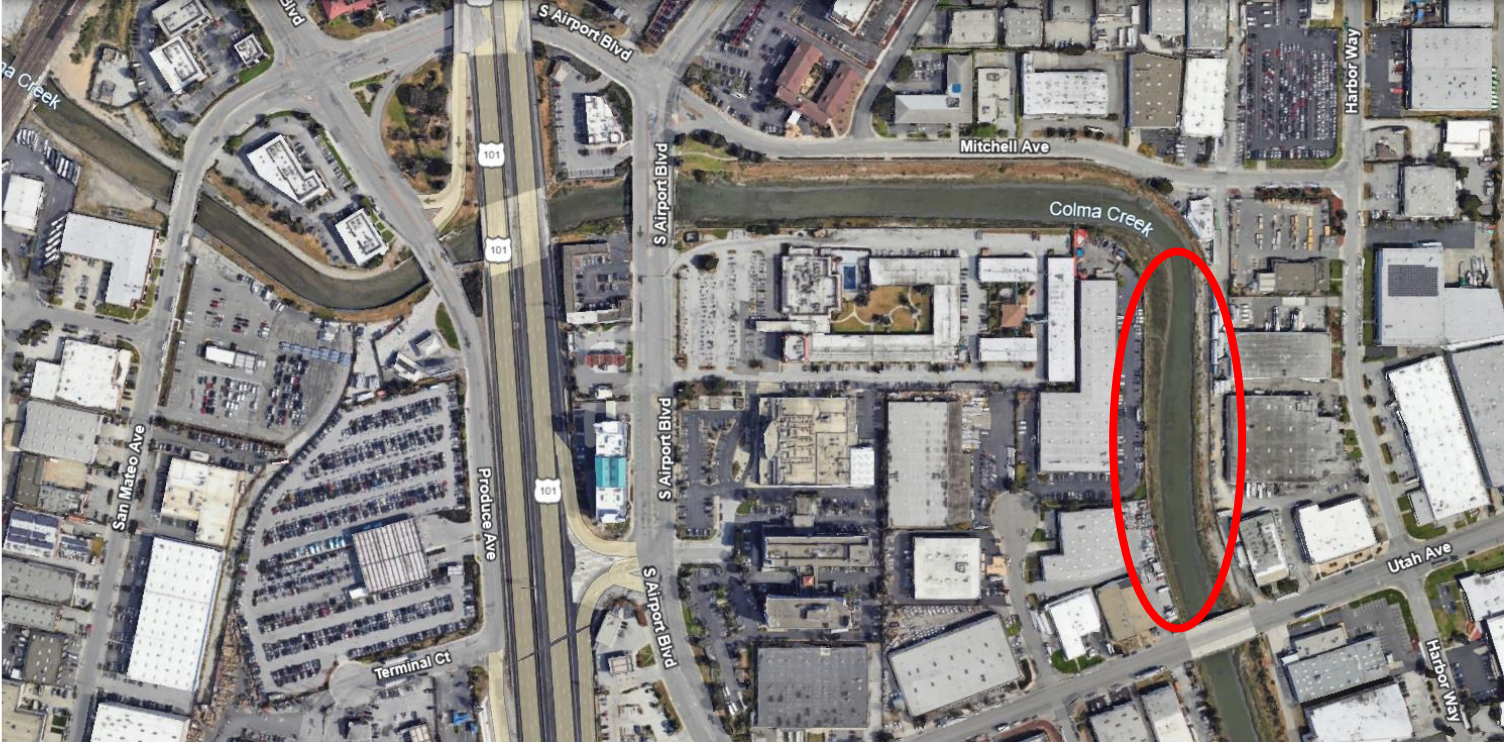
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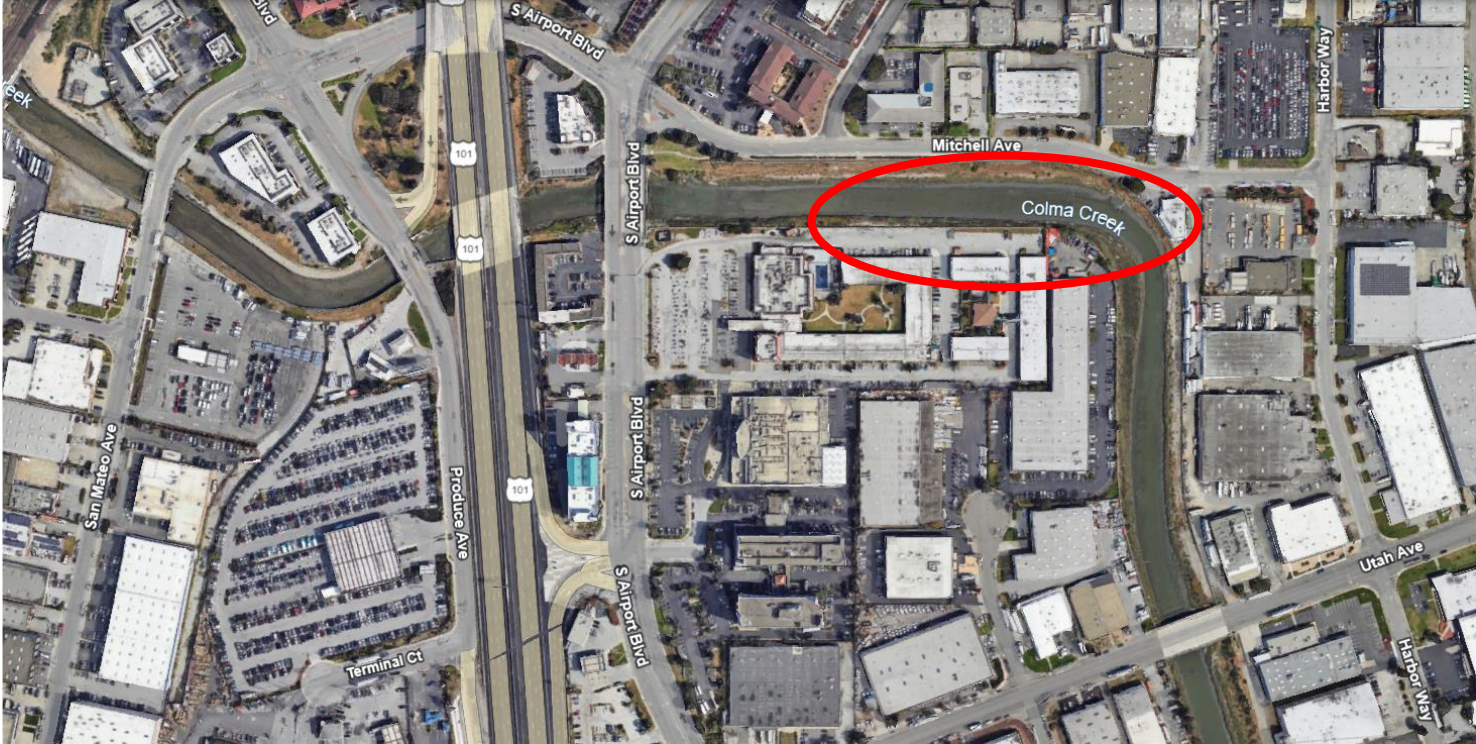
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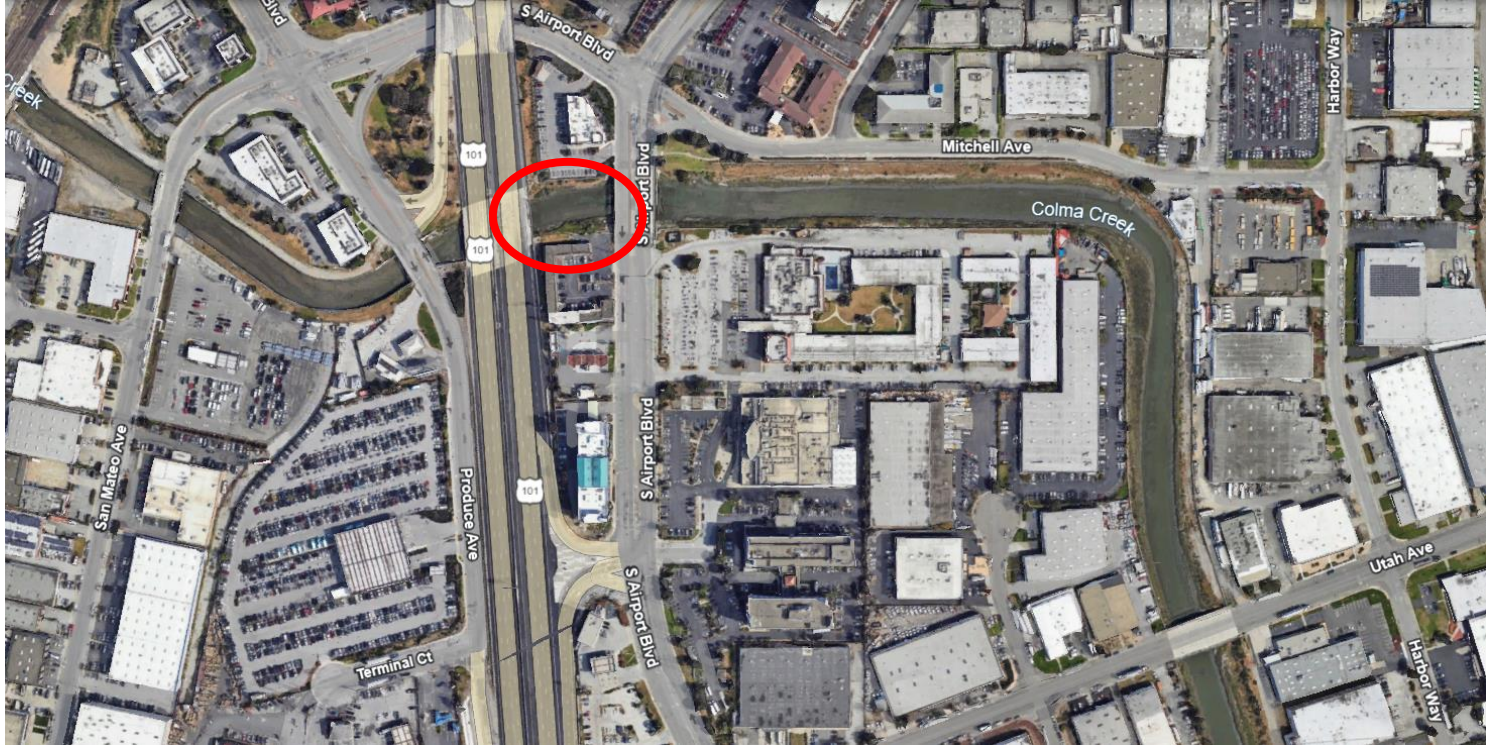
# Project Area



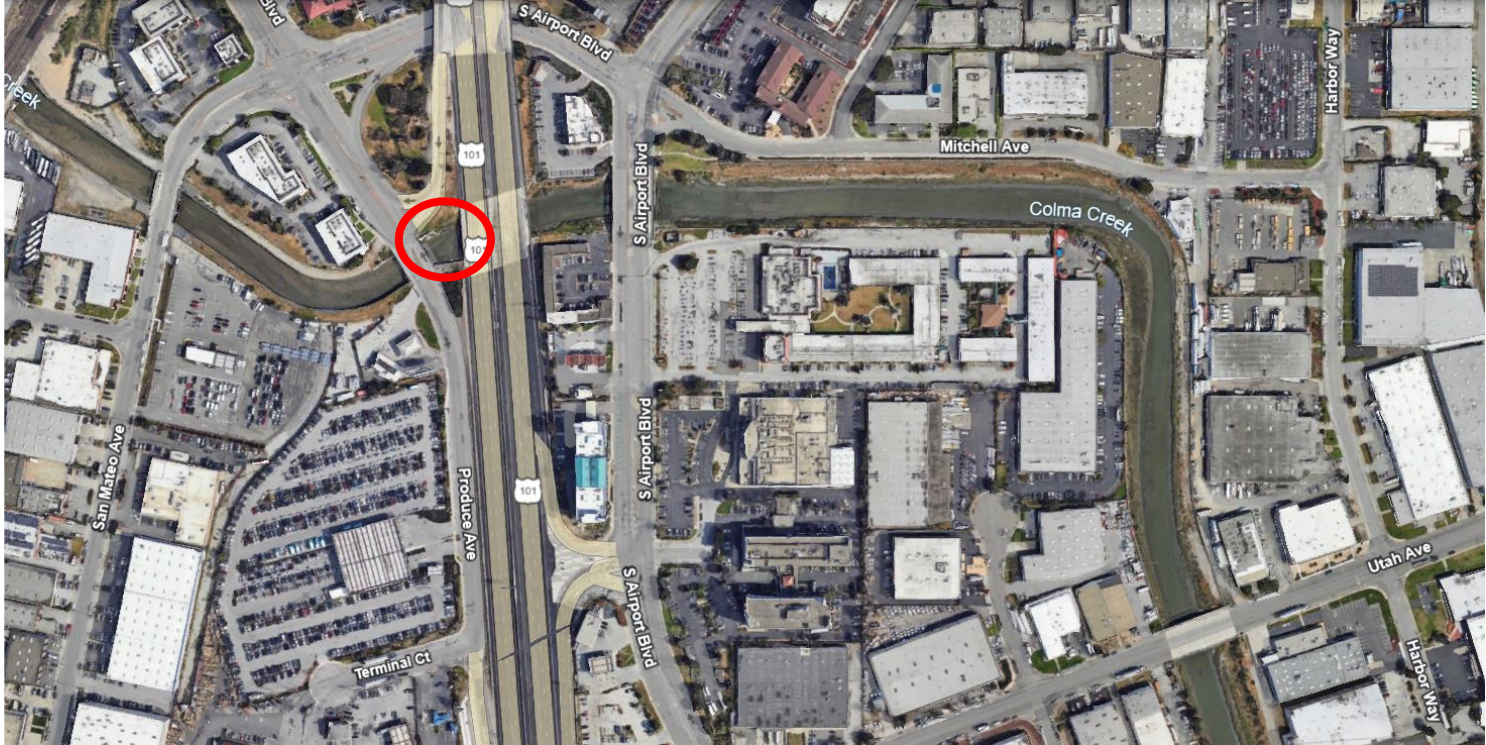
# Project Area



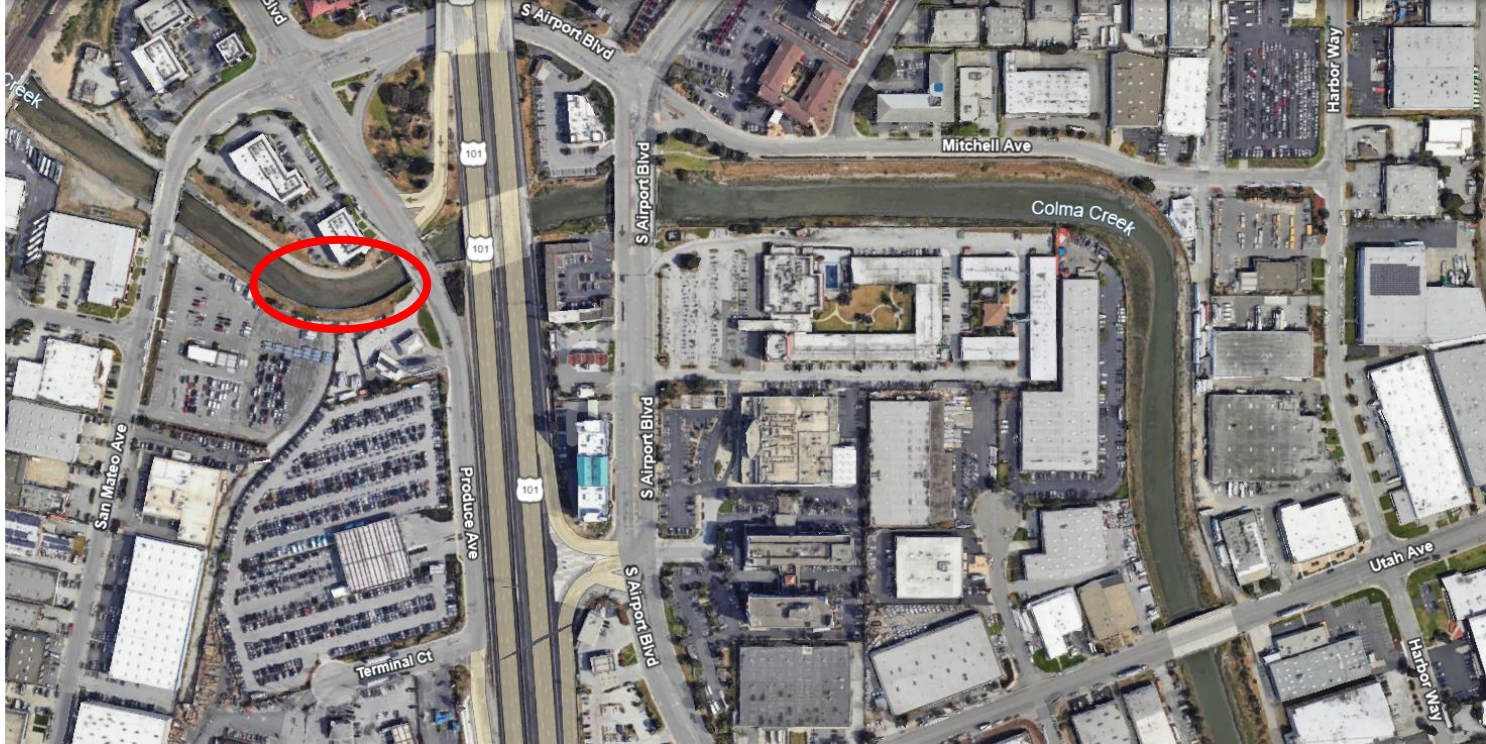
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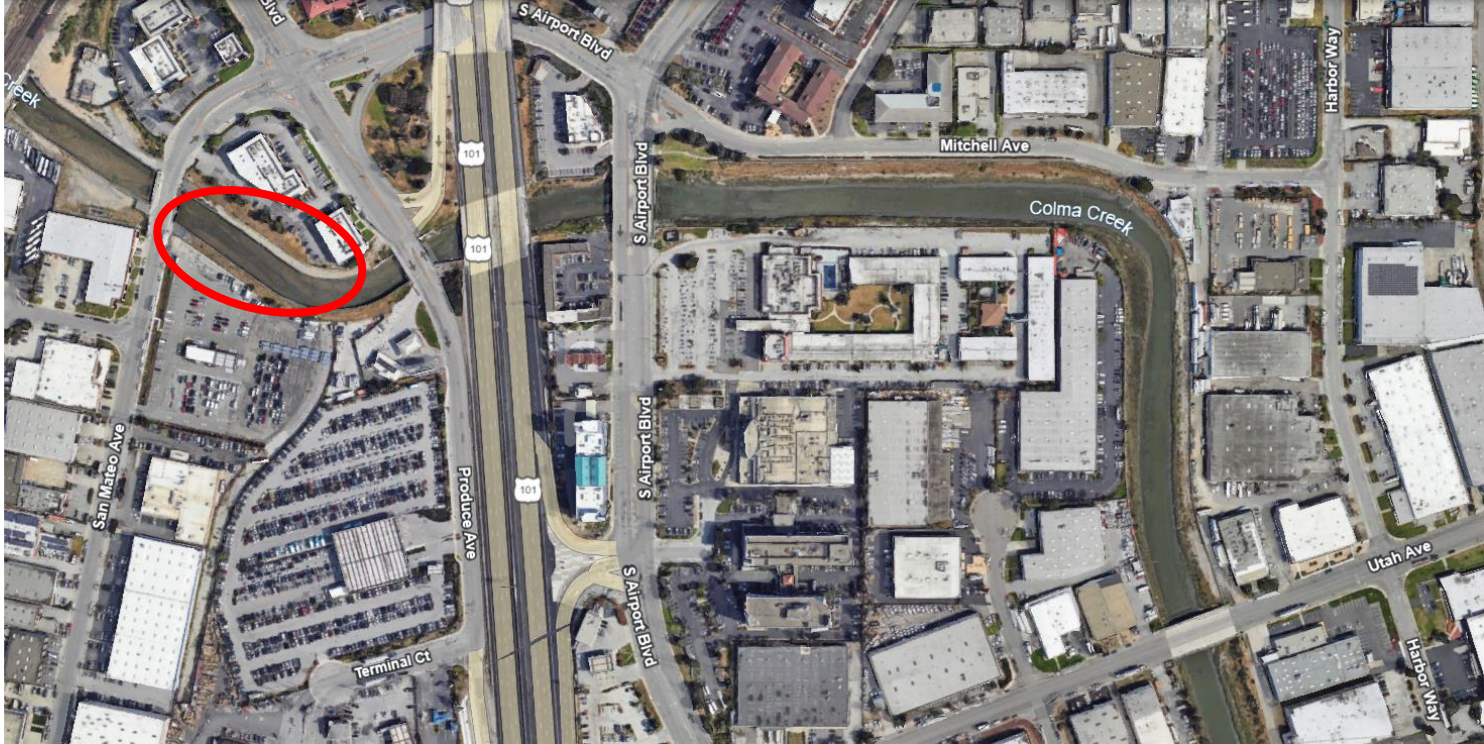
# Project Area



# Project Area



# Project Area



# San Mateo Avenue to Utah Avenue Planning and Design

## Goals:

- Improve infrastructure resilience along Colma Creek
- Increase flow capacity in Colma Creek
- Improve ecological function, including native species habitat and resilience
- Increase public access and safety



# San Mateo Avenue to Utah Avenue Planning and Design

## Scope of Work:

- Review existing plans and reports
- Together with OneShoreline, facilitate stakeholder meetings, coordination, and public engagement
- Establish basis for design in collaboration with OneShoreline and project partners
- Develop 30% construction drawings for improvements between San Mateo Avenue and Utah Avenue repairing and/or replacing channel walls with multiple benefits
- Concurrent with the 30% design process, hydraulic study of channel improvement scenarios evaluating design concept impact on structural integrity of existing and infrastructure



# San Mateo Avenue to Utah Avenue Planning and Design

## Scope of Work:

- Develop 60%, 90%, and 100% design packages for channel improvements repairing and/or replacing channel walls with multiple benefits
- Develop cost estimates
- Secure permits and approvals including supporting OneShoreline in both completion of CEQA process, construction permits, and facilitating rights of access
- Should project advance through 100% design and be authorized for construction, OneShoreline may modify selected consultant contract to provide:
  - Bidding services
  - Construction architectural/engineering services



# Proposals

Proposals must be in font size 11 pt and not exceed 30 pages, including any supporting materials:

- Cover letter
- Title page
- Organizational chart
- Technical proposal
- Project schedule
- Fee schedule
- List of team members
- Example projects and references

Electronic submissions only.

# Proposals: Evaluation Criteria

- Experience with projects of similar scope
- Quality and completeness of proposal
- Quality of proposed solution and services
- Experience with public engagement
- Project cost
- Ability to perform work within proposed schedule and in a professional manner
- Proposer's record of regulatory compliance

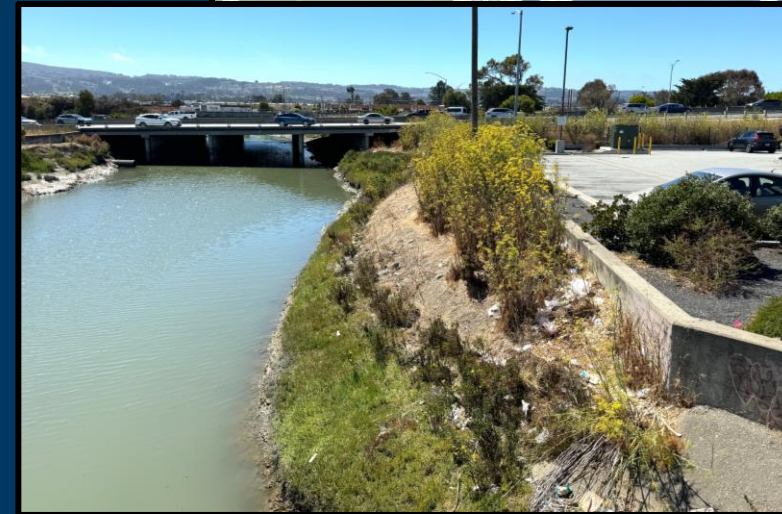
# Colma Creek Watershed Plan of Opportunities and Feasibility RFP

## Goals

- Increase system capacity to reduce flood risks
- Water quality
- Resilience for infrastructure, ecological functions, and recreational opportunities
- Public safety along creek banks

## Scope

- Review and integrate existing plans and reports
- Update hydrology and hydraulic modeling to incorporate climate change
- Identify and evaluate opportunities to provide flood protection, and new habitat and recreation
- Develop and assess opportunities to increase channel capacity in the context of local land use policies
- Create a list of priority multi-benefit projects and outline next steps for implementation



# Dates

- **January 31 at 5:00 PM | Deadline for Questions**
- February 4 at 5:00 PM | Responses to Questions and Addenda Posted
- **February 11 at 5:00 PM | Deadline to Respond**
- February 25–March 4 | Interviews May Be Expected
- **April 1, 2025 | Approximate Date of Agreement Execution**

# Questions?

Projects@OneShoreline.org

Subject: Lower Colma Creek Resilience Projects RFP