

December 10, 2024

Colma Creek Citizens Advisory Committee Meeting

AGENDA

- I. Roll Call**
- II. Public Comment**
- III. Action to set the Agenda and approve the Consent Agenda**
 - a. Approve minutes of the September 11, 2024 meeting**
 - b. Approve 2025 Committee Meeting dates: March 11, June 10, September 9, December 9**
- IV. Update on Colma Creek Flood Zone Projects and Maintenance Activities**
- V. Upcoming Requests for Proposals**
- VI. Updates on Non-District Projects from Committee Participants**
- VII. Adjournment**

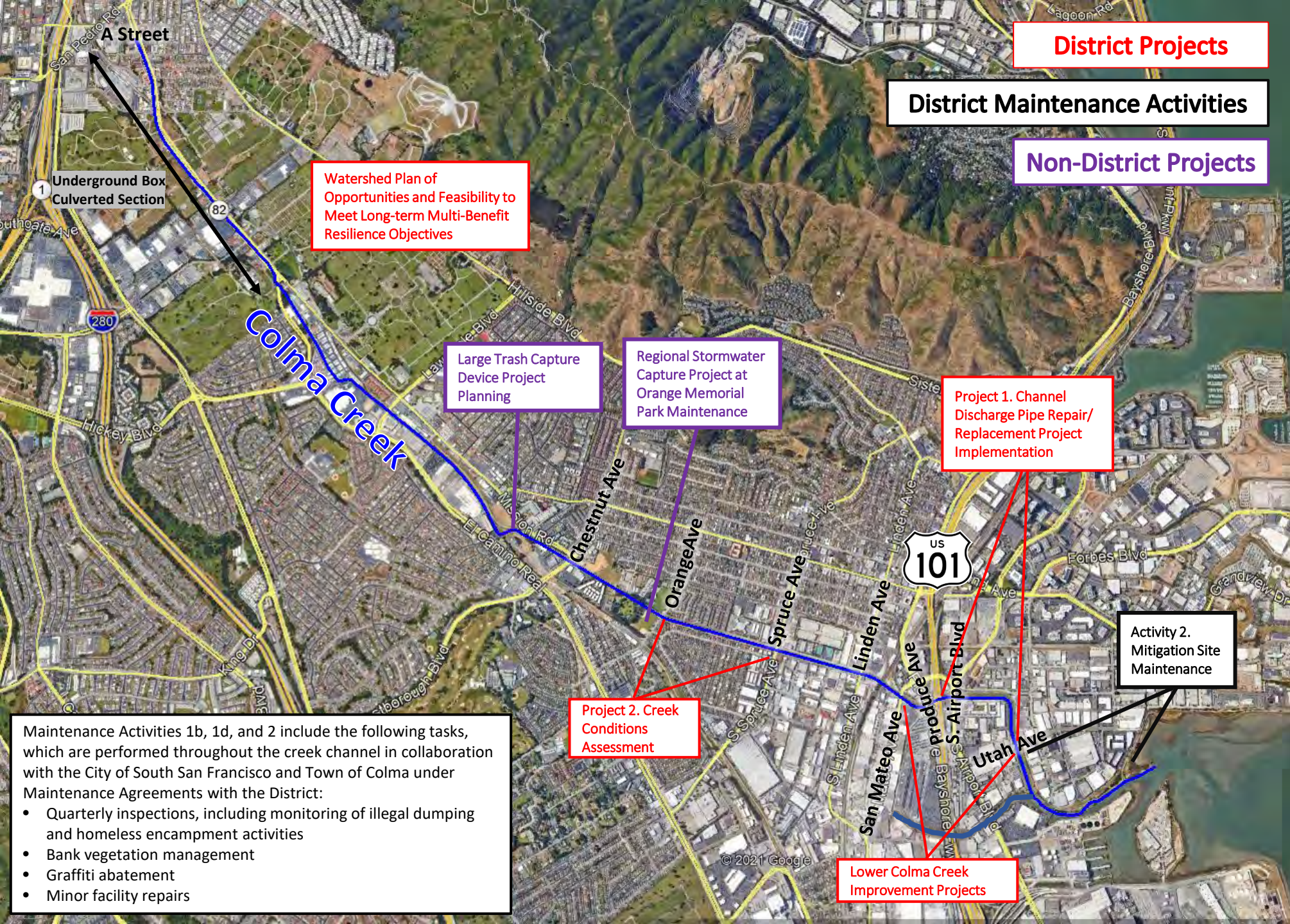
Colma Creek Flood Zone Project List

Project	Status	Timeline
Channel Discharge Pipe Repair/Replacement between U.S. Highway 101 and Utah Avenue	Project scope completed 2024/10/31. Following up on dry weather flooding still observed.	Construction Complete 2024 Q4
Conditions Assessment	Two-dimension ground penetrating radar surveys completed 10/2 between Orange and Spruce Ave. Consultant preparing memo of findings.	Ongoing through 2025 Q1
Lower Colma Creek Improvement Projects: San Mateo Avenue to Utah Avenue Planning and Design	Planning, design, and permitting of channel improvements including walls upstream and downstream of Produce Ave.	RFP Proposed 2025 Q1
Watershed Plan of Opportunities and Feasibility to Meet Long-term Multi-Benefit Resilience Objectives	Update H&H; inform range of projects to reduce peak flows, increase capacity, and reduce flood risks; and identify priority multi-benefit projects.	RFP Proposed 2025 Q1
Mitigation Sites	Confirmed closed by Regional Water Board, stewardship ongoing. Coastal Cleanup Day 9/21 hosted 104 volunteers, removed approx. 16 cy trash.	Confirmed Complete 2024 Q4
Operations and Maintenance	Following up on illegal dumping and encampment activities observed at Airport Blvd and downstream of Utah Ave. Other maintenance activities to resume 2025.	Ongoing
Colma Creek Technical Advisory Committee	TAC Reconvened 2024 Q3 and Q4.	2024 Q4 12/3, Next meeting 2025 Q1 3/4

Agenda Item 5

Update on Colma Creek Flood Zone Projects and Maintenance Activities

Map of Colma Creek Flood Zone Projects and Maintenance Activities



District Projects

District Maintenance Activities

Non-District Projects

Watershed Plan of Opportunities and Feasibility to Meet Long-term Multi-Benefit Resilience Objectives

Large Trash Capture Device Project Planning

Regional Stormwater Capture Project at Orange Memorial Park Maintenance

Project 1. Channel Discharge Pipe Repair/Replacement Project Implementation

Project 2. Creek Conditions Assessment

Activity 2. Mitigation Site Maintenance

Lower Colma Creek Improvement Projects

Maintenance Activities 1b, 1d, and 2 include the following tasks, which are performed throughout the creek channel in collaboration with the City of South San Francisco and Town of Colma under Maintenance Agreements with the District:

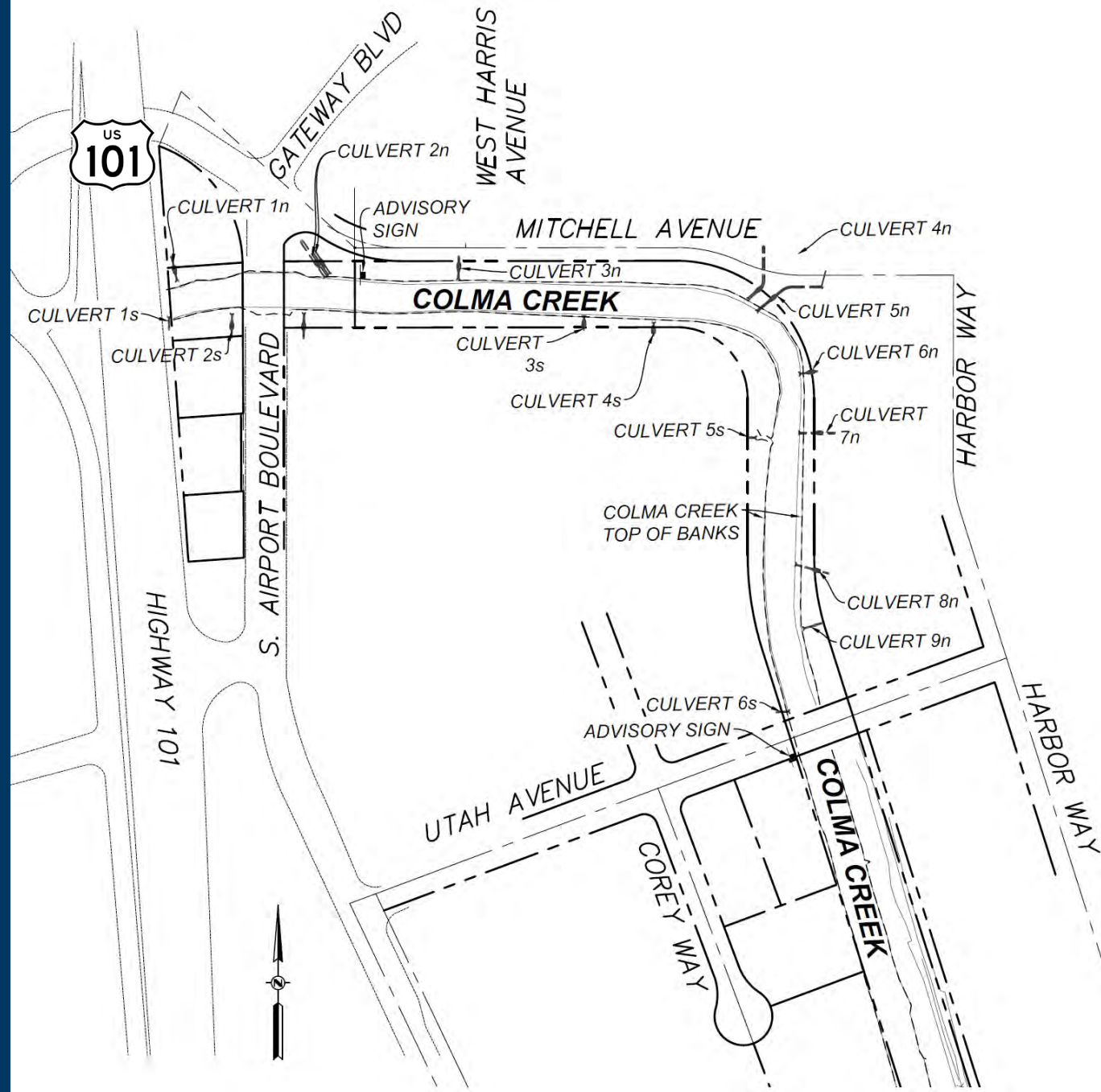
- Quarterly inspections, including monitoring of illegal dumping and homeless encampment activities
- Bank vegetation management
- Graffiti abatement
- Minor facility repairs

Channel Discharge Pipe Repair/Replacement Project

- Completed October 31
- Repair and replacement of stormwater culverts that drain to Colma Creek, between U.S. Highway 101 and Utah Avenue

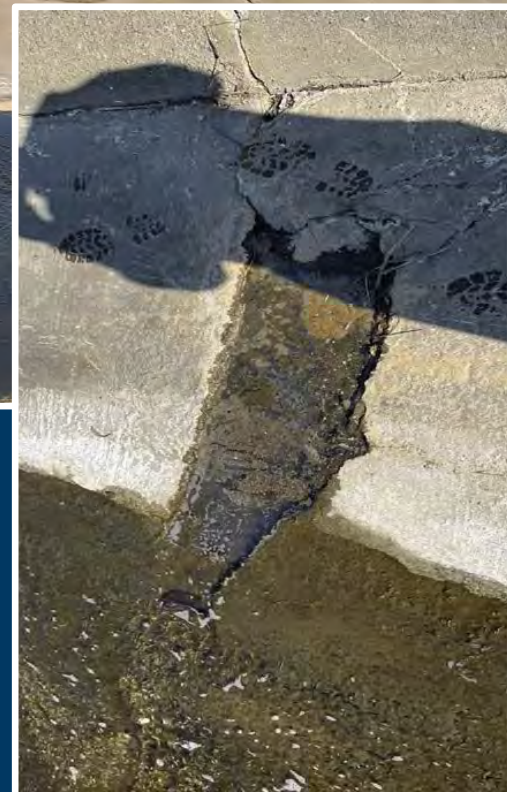


Channel Discharge Pipe Repair/Replacement Project



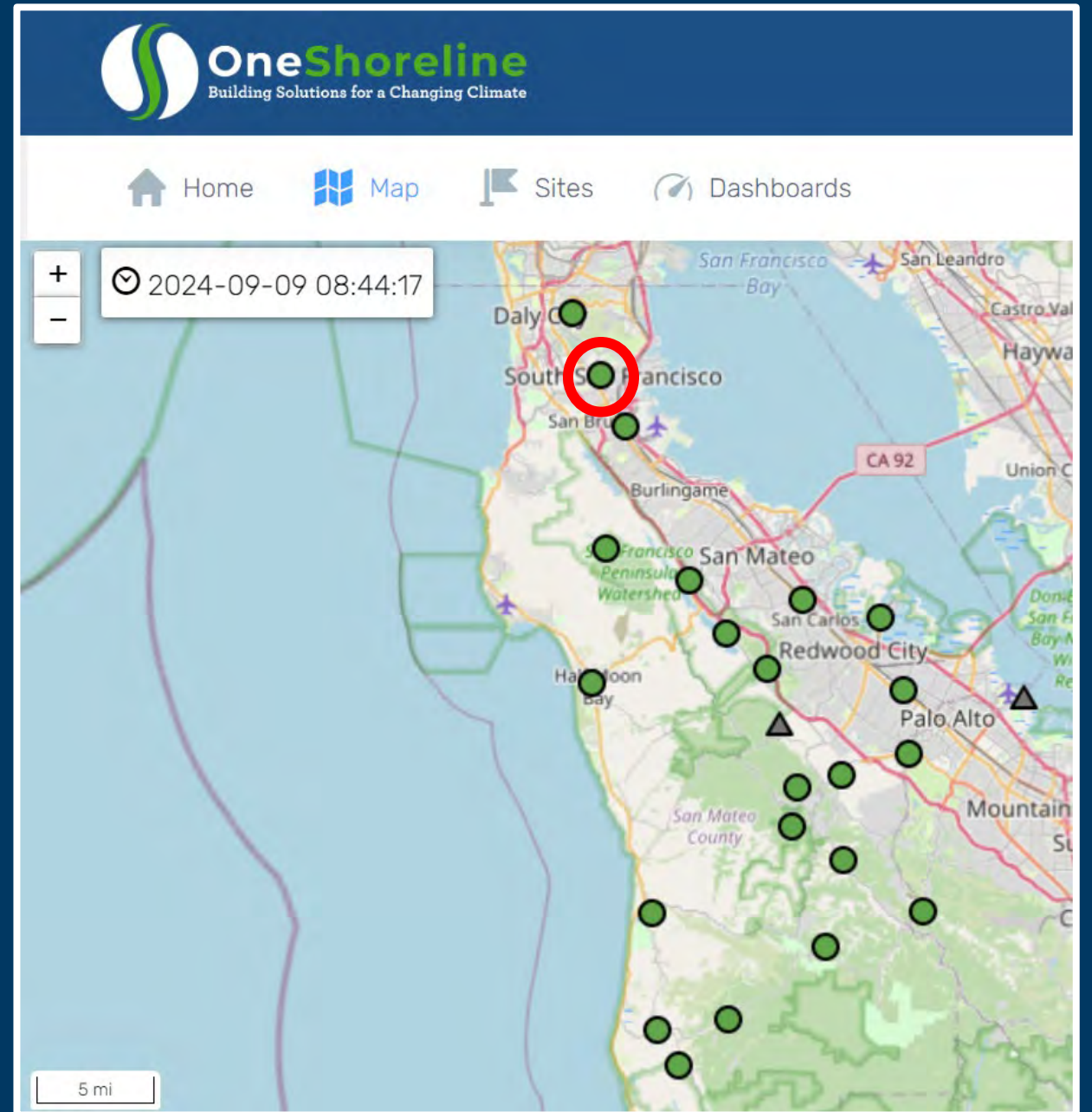
Colma Creek Conditions Assessment

- 2023 Draft Assessment by Schaaf & Wheeler identified apparent settling and displacement of channel walls between Orange and Spruce Ave
- Two-dimensional ground penetrating radar surveys completed October
- Memo on findings to be completed early 2025



Flood Early Warning System

- San Bruno Mountain precipitation monitoring station upgraded with signal repeater November 6
- December performing follow up maintenance replacing battery and increasing size of solar panel
- Improve system signal strength and reliability
- Allow for expansion of system to additional locations



Colma Creek Coastal Cleanup Day

OneShoreline partnered with South San Francisco, County Public Works, and San Bruno Mountain Watch to host a Colma Creek Coastal Cleanup Event September 21 with 104 volunteers removing approximately 16 cubic yards of trash.



Upcoming RFPs

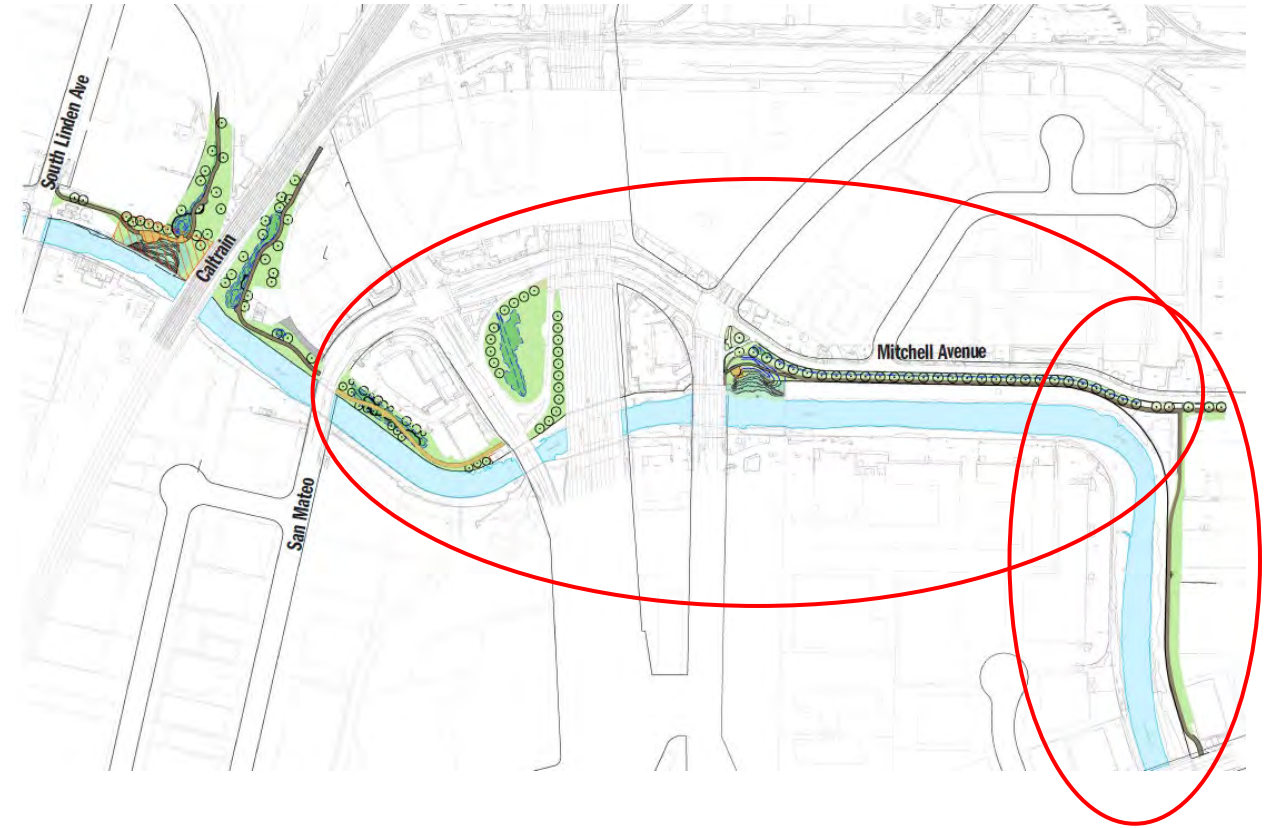
- In early 2025, OneShoreline plans to release requests for proposals for professional services:
 - San Mateo Avenue to Utah Avenue Planning and Design
 - Watershed Plan of Opportunities and Feasibility to Meet Long-Term Multi-Benefit Resilience Objectives
- RFPs build upon the 2021 Hydrology and Hydraulic Modeling Analysis and the community resilience visioning work completed by Hassel in collaboration with local partners
- This approach allows us to advance near-term flood risk reduction and resilience projects for the most vulnerable Colma Creek reaches, while concurrently developing a holistic, watershed-wide plan to make the creek a community asset
- **Draft RFP sent to Colma Creek Citizens Advisory Committee and staff at cities today. Requesting comments on RFP by December 20th.**



San Mateo Avenue to Utah Avenue Planning and Design RFP

DRAFT PROJECT OBJECTIVES

- Develop conceptual plans and establish hydraulic and structural feasibility
- Develop detailed design packages and construction cost estimates
- Secure necessary permitting, CEQA, and right-of-way work to authorize construction



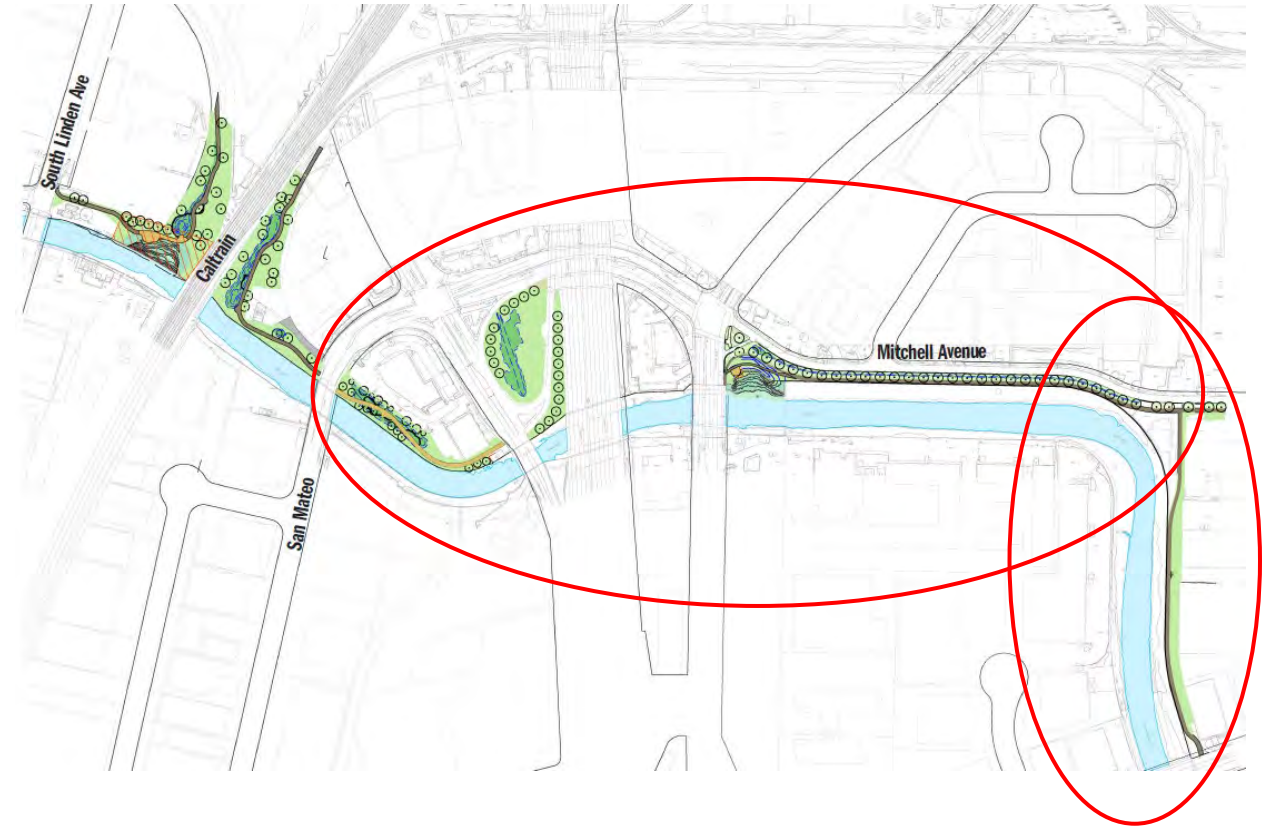
San Mateo Avenue to Utah Avenue Planning and Design RFP

DRAFT PROJECT OBJECTIVES

- Develop conceptual plans and establish hydraulic and structural feasibility
- Develop detailed design packages and construction cost estimates
- Secure necessary permitting, CEQA, and right-of-way work to authorize construction

Question for CCCAC:

Do the draft project objectives reflect desired outcomes of a lower watershed implementation project?



San Mateo Avenue to Utah Avenue Planning and Design RFP

Goals of the improvement projects:

- 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

DRAFT TASK LIST

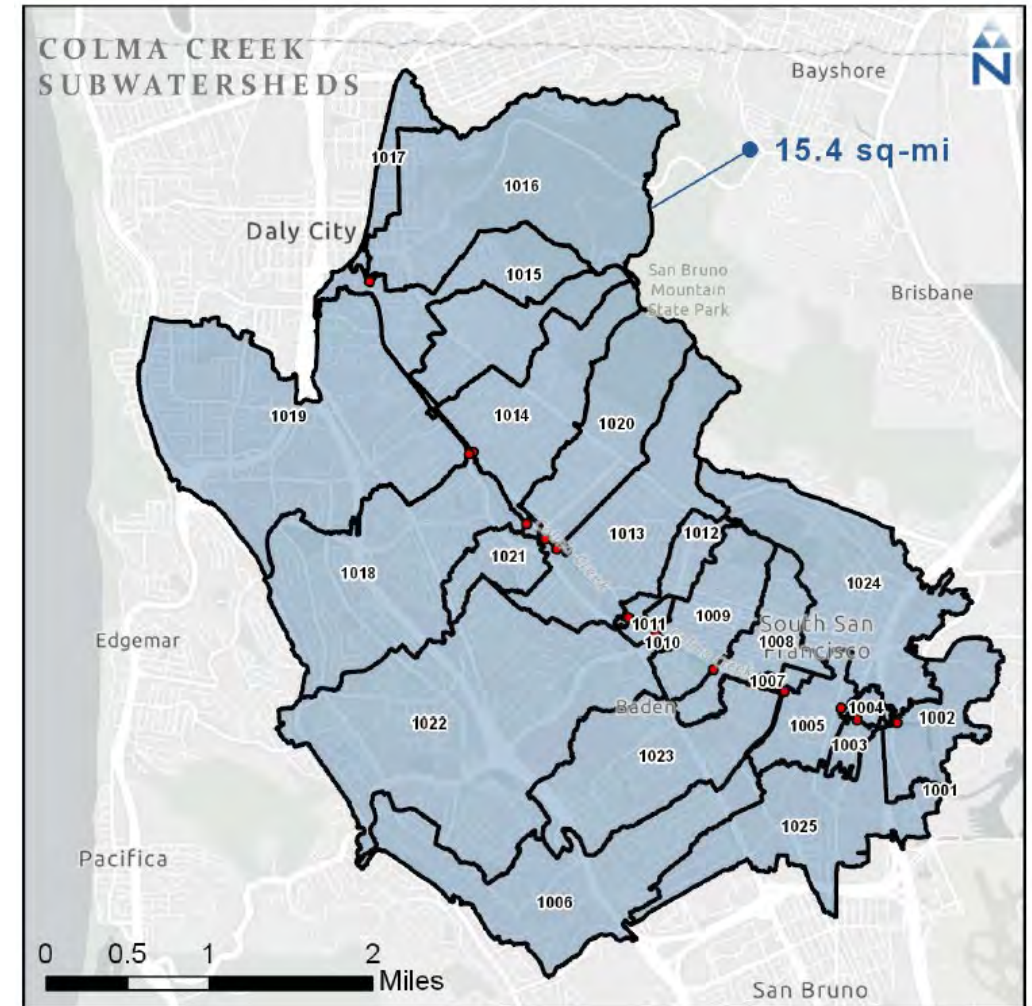
- 1 — Project Management
- 2 — Review Existing Plans and Reports
- 3 — Implementation Partner and Community Engagement
- 4 — Establish Basis of Design
- 5 — CEQA, Permitting, and Approvals
- 6 — 30% Design and Hydraulic Feasibility Study
- 7 — Final Design
 - 60% Design
 - 90% Design
 - 100% Design



Watershed Plan of Opportunities and Feasibility to Meet Long-term Multi-Benefit Resilience Objectives RFP

DRAFT PROJECT OBJECTIVES

- Update 2021 H&H analysis to incorporate stormwater model updates and best available science on extreme precipitation
- Identify and evaluate opportunities to reduce peak inflows and increase capacity to reduce flood risk, and increase habitat and recreational opportunities
- Develop list of priority multi-benefit projects and define next steps to advance implementation



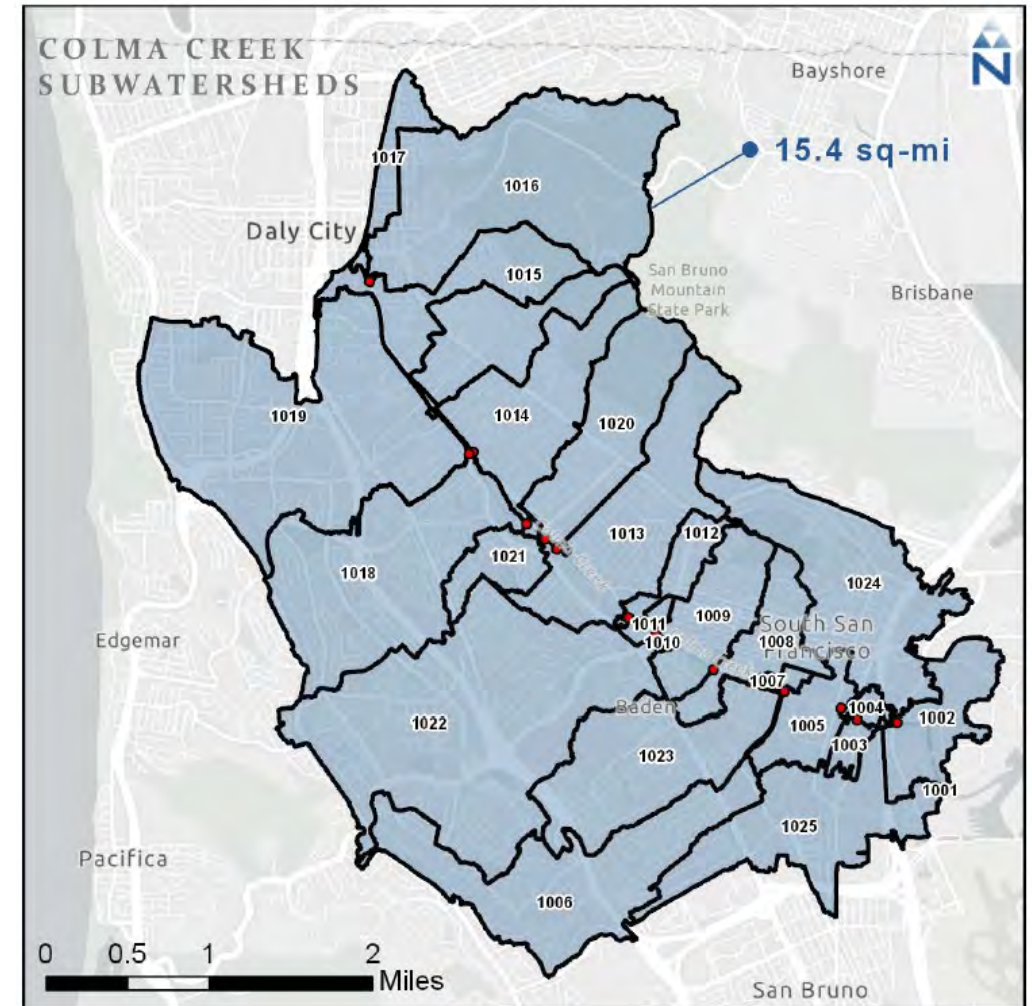
Watershed Plan of Opportunities and Feasibility to Meet Long-term Multi-Benefit Resilience Objectives RFP

DRAFT PROJECT OBJECTIVES

- Update 2021 H&H analysis to incorporate stormwater model updates and best available science on extreme precipitation
- Identify and evaluate opportunities to reduce peak inflows and increase capacity to reduce flood risk, and increase habitat and recreational opportunities
- Develop list of priority multi-benefit projects and define next steps to advance implementation

Question for CCCAC:

Do the draft project objectives reflect your desired outcomes of a watershed-scale resilience plan?



Watershed Plan of Opportunities and Feasibility to Meet Long-term Multi-Benefit Resilience Objectives RFP

Goals of priority stormwater management projects:

- Increase system flow capacity to reduce flood risk
- Water quality benefits
- Resilience for infrastructure and improved habitat and recreational opportunities
- Improved public safety along channel

DRAFT TASK LIST

- 1 — Project Management and Partner Engagement
- 2 — Review Existing and Ongoing Plans and Reports
- 3 — Develop Planning Criteria and Assumptions
- 4 — Develop and Assess Scenarios
 - Channel Capacity Scenarios
 - Watershed Stormwater Capture Projects
 - Floodplain and Setback Analysis in Concert with City Land Use Decisions
- 5 — Evaluate Projects and Develop Implementation Plan
- 6 — Final Report





Next scheduled Committee Meeting

Tuesday, March 11, 2025

3:00 p.m.