



REGIONAL STORMWATER PROJECT AT I-280 & I-380 PRE-DESIGN AGREEMENT

CITY COUNCIL MEETING

March 9, 2021

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Objective

- ❖ Provide background information on the Regional Stormwater Capture project at I-280/I-380, grants obtained, Caltrans process, and project phasing
- ❖ Council action to authorize City Manager to:
 - ❖ Execute agreement with WRECO for pre-design support
 - ❖ Execute cooperative agreement with Caltrans for Project Initiation Document phase

Agenda



- I. Overview of San Bruno Storm Drain System
- II. Grants
- III. Project Concept and Background
- IV. Project Phasing
- V. Staff Recommendation
- VI. Council Questions, Public Comment, Council Deliberations and Action



Storm Drain System

- ❖ A network of pipes that collects rainwater runoff and conveys it to the San Bruno channel prior to draining into the San Francisco Bay.
- ❖ City's trunk lines (e.g., large pipes, culverts)
 - ❖ Storm Drain Master Plan Completed in 2014
- ❖ Residential system (e.g., gutters, pipes, ditches, inlets)
- ❖ Regulatory component (Regional Water Board)
 - ❖ Water Quality and Flow
 - ❖ Municipal Regional Permit





Current Project Funding (Grants)

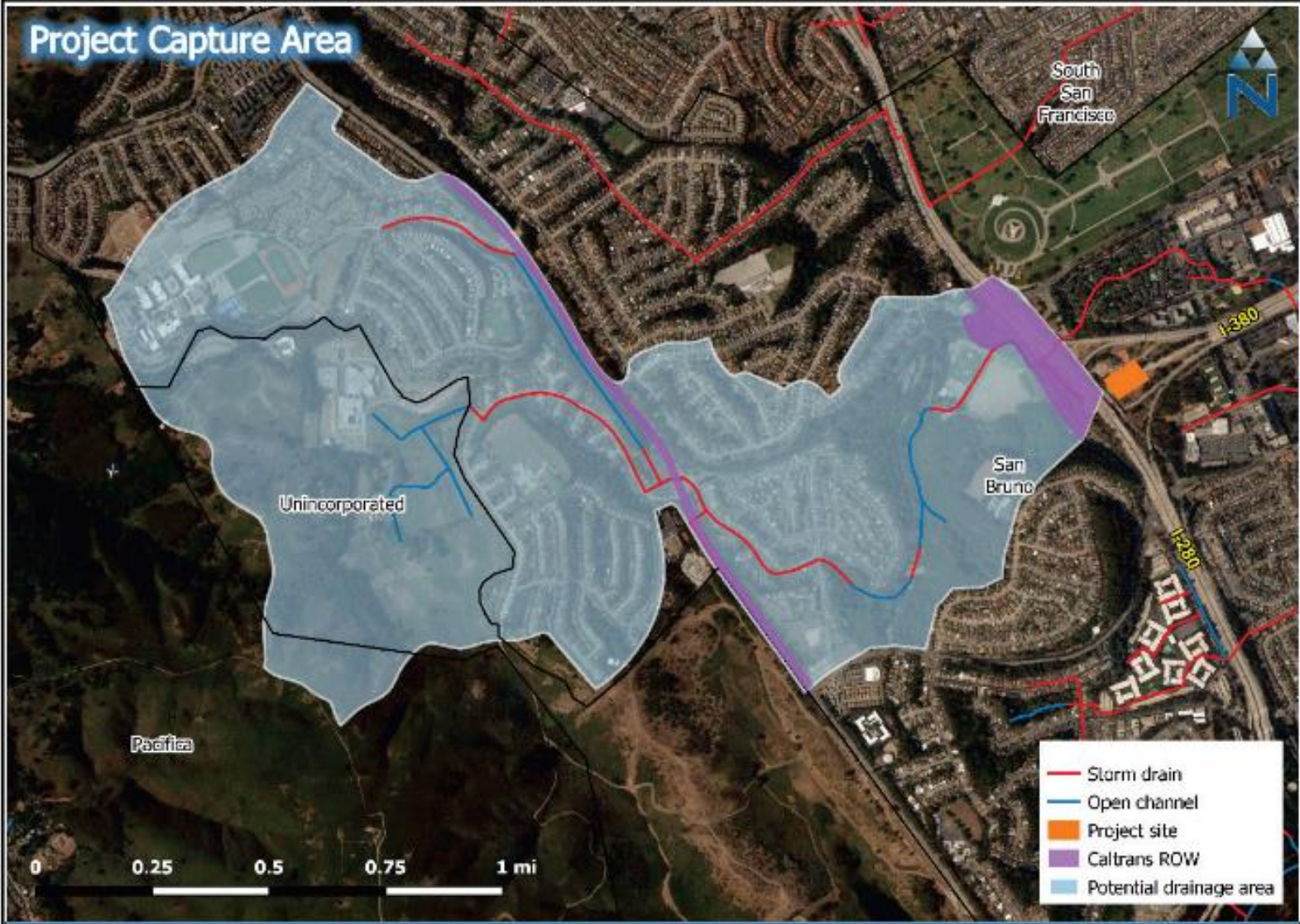
- 2019 County Office of Sustainability and C/CAG call for projects
 - All grants, no local match required
- \$200,000 EPA Water Quality Improvement Fund (December 2021)
- \$913,333 California Natural Resources Agency (March 2022)



Regional SW Capture at I-280/I-380

- ▲ San Mateo County provided project concept in June 2018 to utilize I-280/I-380 undeveloped area as a treatment and capture site that would provide regional benefit
- ▲ Total project estimated cost \$20 million – this is separate from the \$26+ million recommended improvements projects in master plan

Regional Stormwater Capture Project





Project Benefits

- Meet Regional Water Board requirements
- Alleviate flooding issues in lower lying areas of the City
- After construction, surface area restored



Project Challenges

- Caltrans right-of-way
 - Permits
 - Agreements (encroachment, coop, maintenance)
- Caltrans oversight process
 - PID, PA&ED, PS&E...
 - Cost (estimated \$20 million)
- Funding
- Operations and maintenance



Request for Proposals

- Issued on San Mateo County public purchase platform on May 1, 2020
- 8 proposals received June 12, 2020
- 2 firms interviewed
- WRECO selected

WRECO Proposal



- Total \$2,631,135
 - Phase I - Pre-Design (PID and PA&ED), \$996,240
 - Phase II – Design, Permitting, Design Support during Construction, \$1,409,680
- Project budget allows for authorization for Phase I



Project Phasing

- Caltrans cooperative agreement currently being developed, exact costs unknown
- Authorize agreement with WRECO and authorize Project Initiation Document phase (\$340,000)
- Execute Caltrans agreement
- Authorize WRECO for portion of Project Approval and Environmental Document phase (\$656,000)
- Continue to seek grant funding



Staff Recommendation

- ❖ Execute an Agreement for Consultant Services with WRECO for pre-design support on the Regional Stormwater Capture Project at I-280 and I-380 in an amount not to exceed \$996,240
- ❖ Execute a Caltrans Cooperative Agreement for the Project Initiation Document phase

Questions and Discussion

