

Watersheds Capital Improvement Program FY 2020 Progress Report

March 10, 2020

FY2020 Key Watersheds Capital Projects' Status Report

1. Almaden Lake Improvements

Total Estimated Cost: \$5.4M



Mid-Year Progress Report:

- Complete 30% design and working on 60% design
- Issued draft EIR for public review

Outlook:

- Finalize EIR, complete 60% design, submit permits, and complete design by December 2020

FY2020 Key Watersheds Capital Projects' Status Report

Stream Stewardship Feasibility Studies

Total Estimated Cost: \$3.6M



Mid-Year Progress Report:

- SC County Parks agreement for Ogier Ponds - ongoing
- Completed water budget/recharge for Metcalf Ponds
- Draft feasibility report preparation for Metcalf Ponds - ongoing
- Evaluation of fish passage along Stevens Creek - ongoing

Outlook:

- Complete evaluation of fish passage along Stevens Creek and develop planning study
- Continue Ogier Ponds planning
- Complete Metcalf Pond feasibility study

FY2020 Key Watersheds Capital Projects' Status Report

3. Bolsa Road Fish Passage Improvements

Total Estimated Cost: \$5.3M



Mid-Year Progress Report:

- Received all the permit applications to the Corps, USFWS, DFWS, and RWQCB.
- Completed design and contract documents for advertising.

Outlook:

- Begin construction in June 2020 and complete construction in December 2020

FY2020 Key Watersheds Capital Projects' Status Report

Coyote Creek Flood Protection Project, Montague Expy. to Tully Rd.



Mid-Year Progress Report:

- Project alternatives developed
- Began Planning Study Report
- Community outreach conducted
- USACE feasibility study scoped

Outlook:

- Conduct public outreach in Spring on recommended project
- Finalize planning study and move into design phase

FY2020 Key Watersheds Capital Projects' Status Report

5. San Francisquito Creek, San Francisco Bay to El Camino Real

Total Estimated Cost: \$63.3M



Mid-Year Progress Report:

- JPA certified EIR in September 2019
- Completed 95% design of channel widening in August 2019

Outlook:

- Submit permit applications in April 2020 for construction
- Complete design of channel widening in November 2020

FY2020 Key Watersheds Capital Projects' Status Report

6. Permanente Creek, San Francisco Bay to Foothill Expressway

Total Estimated Cost: \$88.5M



Mid-Year Progress Report:

- Completed construction of McKelvey Park detention basin in February 2020.
- Continue construction of Rancho San Antonio detention basin.

Outlook:

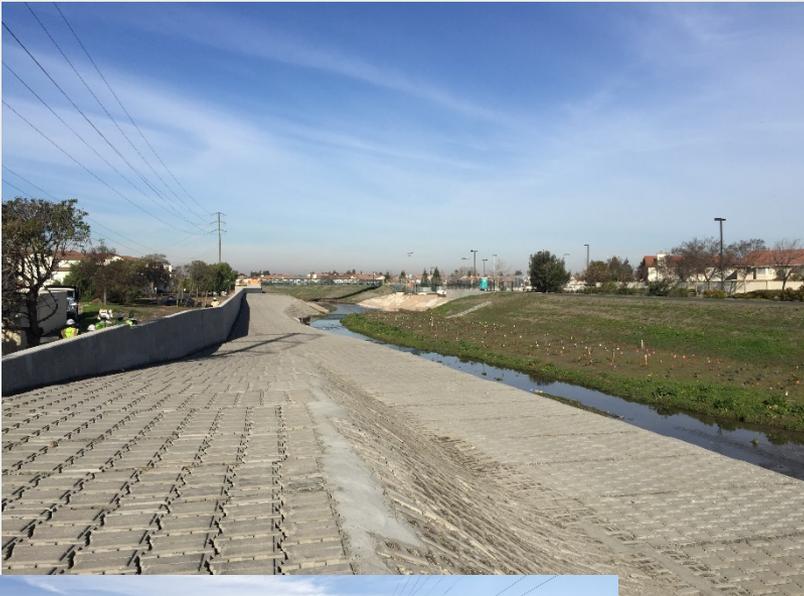
- Complete Rancho San Antonio construction in December 2020.



FY2020 Key Watersheds Capital Projects' Status Report

7. Lower Berryessa Creek, Phase 2 - Abel St. to E. Calaveras Blvd.

Total Estimated Cost: \$76.2M



Mid-Year Progress Report:

- Completed construction of Phase 2A (Abel St. to E. Calaveras Blvd.) in December 2019
- Completed 90% design of Phase 2B (Lower Calera Creek)

Outlook:

- Award Phase 2B construction contract by August 2018.

FY2020 Key Watersheds Capital Projects' Status Report

8. Upper Berryessa Creek, E. Calaveras Blvd. to I-680

Total Estimated Cost: \$59.2M



Mid-Year Progress Report:

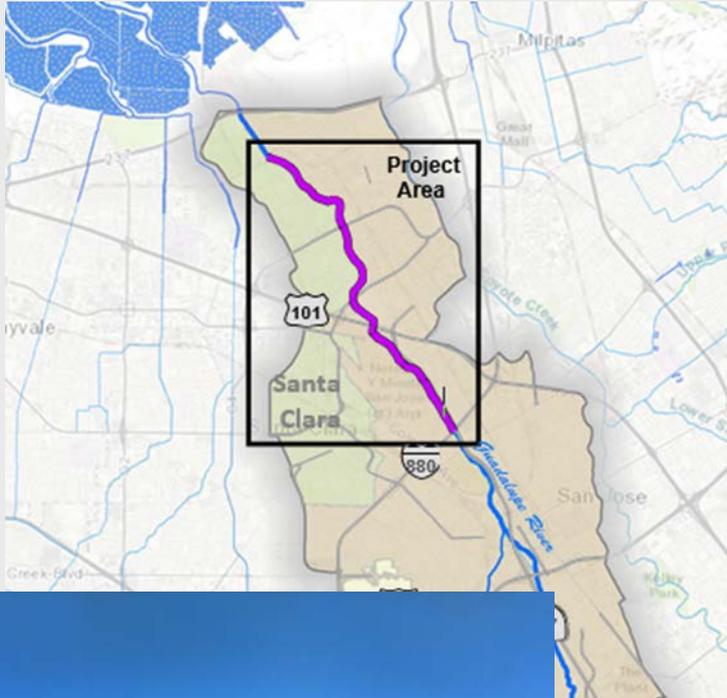
- All channel work completed (USACE) in December 2017
- Montague Expy. bridge completed (VTA) in June 2018
- USACE is working on deficiency list items from channel construction

Outlook:

- USACE to complete O&M Manual and turn over maintenance to District by summer 2019
- USACE to complete deficiency list items by October 2020

FY2020 Key Watersheds Capital Projects' Status Report

Guadalupe River – Tasman Drive to I-880



Mid-Year Progress Report:

- Problem definition completed
- Project alternatives being developed
- Community outreach conducted

Outlook:

- Complete alternatives analysis and develop recommended project
- Conduct public outreach on recommended project
- Finalize planning study and move into design phase



FY2020 Key Watersheds Capital Projects' Status Report

9. Guadalupe River, Upper, SPRR to Blossom Hill Rd. (R7-12)

Total Estimated Cost: \$182.3M



Mid-Year Progress Report:

- USACE received \$1.5M to re-evaluate the scope and cost of the project.
- Design is on hold until USACE completes re-evaluation of project scope.

FY20 Outlook:

- Support USACE in evaluating the project scope, benefit-cost-ratios for each remaining reach, and revise scope of project so that the project can comply with USACE project cost increase policy and more competitive for federal funding.

FY2020 Key Watersheds Capital Projects' Status Report

10. Watersheds Asset Rehabilitation Program

Total Estimated Program Cost:
\$177.0M



Coyote Creek Levee Rodent Damage Repair,
D/S of SR 237

Mid-Year Progress Report:

- Completed 4 projects: (1) Uvas Creek Outboard Levee Repair (June 2019); (2) San Tomas Creek Erosion Repair (Virginia-Payne) (November 2019); (3) Baron Creek Erosion Repair (November 2019); and (4) Uvas Creek Inboard Levee Repair (December 2019).
- Begin design of (1) Calabazas Creek Rehabilitation Project and (2) Piedmont Creek Erosion Repair.

Outlook:

- Complete design of Piedmont Creek Rehabilitation Project for construction to begin in June 2021

FY2020 Key Watersheds Capital Projects' Status Report

11. San Francisco Bay Shoreline EIA 11 & EIAs 1-10

Total Estimated Cost: \$133M



Mid-Year Progress Report:

- EIA 11
 - Valley Water acquired and delivered 106,000 cubic yards of levee for USACE construction of Reach 1 in December 2019.
 - Valley Water completed right of way acquisition of Reach 1.
 - USACE completed design of Reaches 1-3 and advertised for construction in December 2019.
- EIAs 1-10
 - USACE is reviewing scope of work for Phase 2 study.
 - Areas not included in Phase 2 Study will be proposed in Phase 3 study.

FY20 Outlook:

- USACE awards and begin construction of Reach 1.
- Valley Water completes right of way acquisition for Reaches 2-5.
- USACE determines the scope and proceed with feasibility study of Phase 2 area.

FY2020 Key Watersheds Capital Projects' Status Report

12. Llagas Creek, Upper, Buena Vista Ave. to Llagas Rd.

Total Estimated Cost: \$247.1M



Mid-Year Progress Report:

- Resource agency permits obtained (Completed)
 - CDFW 1600 permit received - Jan 2017
 - RWQCB 401 permit received – July 2017
 - USACE 404 permit – March 2019
- Right of Way
 - Phase 1: Completed
 - Phase 2A: One Acquisition Pending
 - Phase 2B: Six Acquisitions remaining with temporary construction easements pending
- Phase 1 began construction on Sept. 3, 2019
- Phase 2A – Tunnel (P&S): 95% complete
- Phase 2B – Reaches 5 (portion), 6, 7B, 8 (portion), & 14 (P&S): 95% complete

FY21 Outlook:

- Phase 1 construction continues
- Advertise/award Phase 2A for construction
- Explore and Secure Funding for Phase 2B construction

14. Cunningham Flood Detention Certification

Total Estimated Cost: \$11.6M



Mid-Year Progress Report:

- Completed construction in December 2019
- Submitted information to FEMA for remapping of flood plain

FY20 Outlook:

- Complete remapping of flood plain

FY2020 Key Watersheds Capital Projects' Status Report

13. Sunnyvale East and West Channels

Total Estimated Cost: \$68.4M



Mid-Year Progress Report:

- ROW
 - City of Sunnyvale - 4 easements completed
 - PG&E easement completed
 - Temporary construction easements pending
- 99% design (P&S) completed
- Resource Agency Permits
 - Submit JARPA application – Completed
 - SCVWD responding to Agency concerns
- Proposed Mitigation
 - SF Bay wetland mitigation bank
 - Google, LLC. Caribbean Campus Project

FY21 Outlook:

- Receive resource agency permits
- Advertise/award project for construction

FY2020 Key Watersheds Capital Projects' Status Report

15. Palo Alto Flood Basin Tide Gate Structure Replacement, Lower Peninsula

Total Estimated Cost: \$32.8M



Mid-Year Progress Report:

- Began design work
- Began preparing environmental document

FY20 Outlook:

- Complete Draft CEQA document (may 2020)
- Complete 60% design (October 2020)
- Final design (February 2020)
- Begin construction (September 2021)

FY2020 Key Watersheds Capital Projects' Status Report

16. Lower Penitencia Creek Improvements, Berryessa Creek to Coyote Creek

Total Estimated Cost: \$27.3M



Mid-Year Progress Report:

- Completed 90% design in February 2019
- Received Permits from RWQCB and USACE and Lake and Streambed Alternation Agreement from CDFW
- Coordination with Milpitas, Caltrans, USACE, RWQCB - Ongoing

FY20 Outlook:

- Advertise and award project for construction

FY2020 Key Watersheds Capital Projects' Status Report

Upper Penitencia Creek, Coyote Creek to Dorel Dr.



Mid-Year Progress Report:

- Alternatives development completed
- Public meetings conducted
- Recommended project developed

Outlook:

- Develop planning study report
- Finalize planning study and move into design phase

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