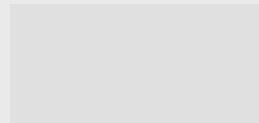


Watersheds Capital Improvement Program FY 2016-17 Progress Report

SCVWD Board of Directors
April 11, 2017



FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection (USACE)

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

Total Estimated Cost: \$171.8M



Mid-Year Progress Report:

- Right of way
 - Phase 1: 3 acquisitions remaining
 - Phase 2: ~20 acquisitions remaining
 - Temporary construction easements pending
- 100% Phase 1 (P&S) completed
- 95% Phase 2 (P&S) completed
- Resource agency permits
 - CDFW 1600 permit received - Jan 2017
 - RWQCB 401 permit pending

FY18 Outlook: USACE to release final EIS/ROD; receive USACE 404 permit; advertise/award Phase 1 for construction

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection

2. Berryessa Creek, Lower Penitencia Ck to Calaveras Blvd - Phase 2

Total Estimated Cost: \$130.4M



Mid-Year Progress Report:

- Main Stem:
 - Constructed of 260 CIDH piles
 - Site winterized
 - Redesigned Edgewater Drive floodwall
 - Public meetings conducted - July 20, 2016; Nov 18, 2016; and Jan 30, 2017
- Phase 2B (Lower Calera Creek):
 - 60% channel & planting design completed

FY18 Outlook: continue construction of main stem; continue Phase 2B (Lower Calera Creek) 60% structural design

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection

3. Lower Penitencia Ck Improvements, Berryessa Ck to Coyote Ck

Total Estimated Cost: \$33.1M



Mid-Year Progress Report:

- 30% design completed - Dec 2016
- Basis of design report completed - Dec 2016
- Coordinate with Milpitas, Caltrans, resource agencies - ongoing

FY18 Outlook: complete design; conduct CEQA public meeting; finalize EIR; receive resource agency permits; acquire right-of-way and easements; advertise and award project for construction

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection (USACE)

4. Guadalupe River, Upper, SPRR to Blossom Hill Road (R7-12)

Total Estimated Cost: \$182.3M



Mid-Year Progress Report:

- 65% channel design completed - Dec 2016
- 90% vehicular bridge designs (Alma Ave & Willow St) completed - Dec 2016
- Real estate acquisition from CSJ, Caltrans, & Elks Lodge - ongoing
- Mitigation planting contracts (R10B & 12) awarded - Oct 2016

FY18 Outlook: 100% design; acquire all ROW; complete mitigation planting; receive federal funds to award & construct

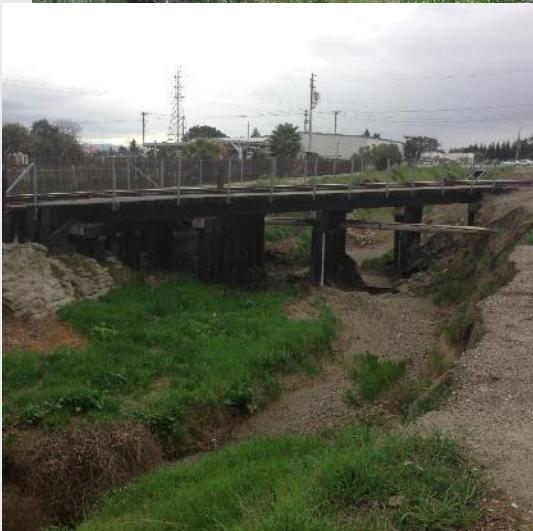


FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection (USACE)

5. Berryessa Creek, Calaveras to I-680

Total Estimated Cost: \$59.2M



Mid-Year Progress Report:

- Construction contract awarded - Aug 2016
- Montague to I-680 channel work completed - Dec 2016
- Installed 3 storm drains; pruned & removed trees south of Montague - Dec 2016
- Set up staging and yard areas & coordinated with contractors - Dec 2016

FY18 Outlook: complete channel work & tree pruning Montague to Calaveras; relocate PG&E utilities

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection

6. Upper Penitencia Creek, Coyote Creek to Dorel Drive

Total Estimated Cost: \$63.5M



Mid-Year Progress Report:

- Planning phase work underway:
 - Hydrology model completed
 - New floodplain model developed
 - Landscape concepts workshop held
 - Problem definition report under development
 - Community outreach plan under development

FY18 Outlook: develop Problem Definition Report; conduct detailed outreach; develop alternatives; begin Planning Study Report

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection (USACE)

7. San Francisquito Creek, San Francisco Bay to Searsville Dam

Total Estimated Cost: \$58.9M



Mid-Year Progress Report:

- Bay to Hwy 101
 - Began construction
 - Retaining walls along ISTP & USPS completed
 - Begin floodwall construction - May 2017
- Hwy 101 to El Camino Real
 - EIS/EIR scoping meeting

FY18 Outlook: Bay to Hwy 101 - complete floodwall construction and begin levee construction; Hwy 101 to El Camino Real - identify Tentatively Selected Plan, finalize EIR, and draft Feasibility Report

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection

8. Permanente Creek, SF Bay to Foothill Expressway

Total Estimated Cost: \$85.2M



Mid-Year Progress Report:

- Rancho San Antonio construction contract awarded - Oct 2016
- McKelvey Park construction contract awarded - Nov 2016
- Public meetings conducted - Nov & Dec 2016
- Issued notice to begin work for Rancho San Antonio construction - Dec 2016
- Issued notice to begin work for McKelvey Park - Jan 2017

FY18 Outlook: award and begin construction contract for channel improvements; support 3 ongoing construction contracts

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection (USACE)

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

Total Estimated Cost: \$42.3M



Mid-Year Progress Report:

- EIA 11
 - Design agreement signed - July 2016
 - Reach 1 levee design begins - Oct 2016
 - BCDC, RWQCB coordination begins - Oct 2016
 - Begin LERRDs coordination - ongoing
 - 30% Reach 1 levee design completed
- EIAs 1-10
 - Prelim feasibility report completed
 - Stakeholders meeting conducted - Mar 2017
 - Coordinate with SBSP project - ongoing

FY18 Outlook: EIA 11 - attain RWQCB & BCDC permits; complete Reach 1 levee design; develop PMP for construction; acquire ROW and easements; EIAs 1-10 - prepare material for a USACE charrette; develop cost share MOU for SBSP EIA 4 levee

FY2016-17 Key Watersheds Capital Projects' Status Report

Flood Protection

10. Sunnyvale East and West Channels

Total Estimated Cost: \$68.4M



Mid-Year Progress Report:

- ROW
 - C. of Sunnyvale - 4 easements completed
 - PG&E easement completed
 - Temporary construction easements pending
- 95% design (P&S) completed
- Resource Agency Permits
 - Submit JARPA application - April 2017
- SF Bay wetland mitigation bank

FY18 Outlook: receive resource agency permits; advertise/award project for construction

FY2016-17 Key Watersheds Capital Projects' Status Report

Water Resources Stewardship

1. Almaden Lake Improvements

Total Estimated Cost: \$4.6M



Mid-Year Progress Report:

- Preliminary design - ongoing
- Water options analysis - ongoing
- Initiated contract for water budget analysis
- Draft EIR preparation - ongoing
- Coordination with stakeholders – ongoing

FY18 Outlook: complete preliminary design and water options analysis; complete draft EIR and conduct public meeting; finalize EIR

FY2016-17 Key Watersheds Capital Projects' Status Report

Water Resources Stewardship

2. Watershed Habitat Enhancements

Feasibility Studies (Ogier, Metcalf, prioritizing removal of Stevens Creek Fish Barriers)

Total Estimated Cost: \$2.3M



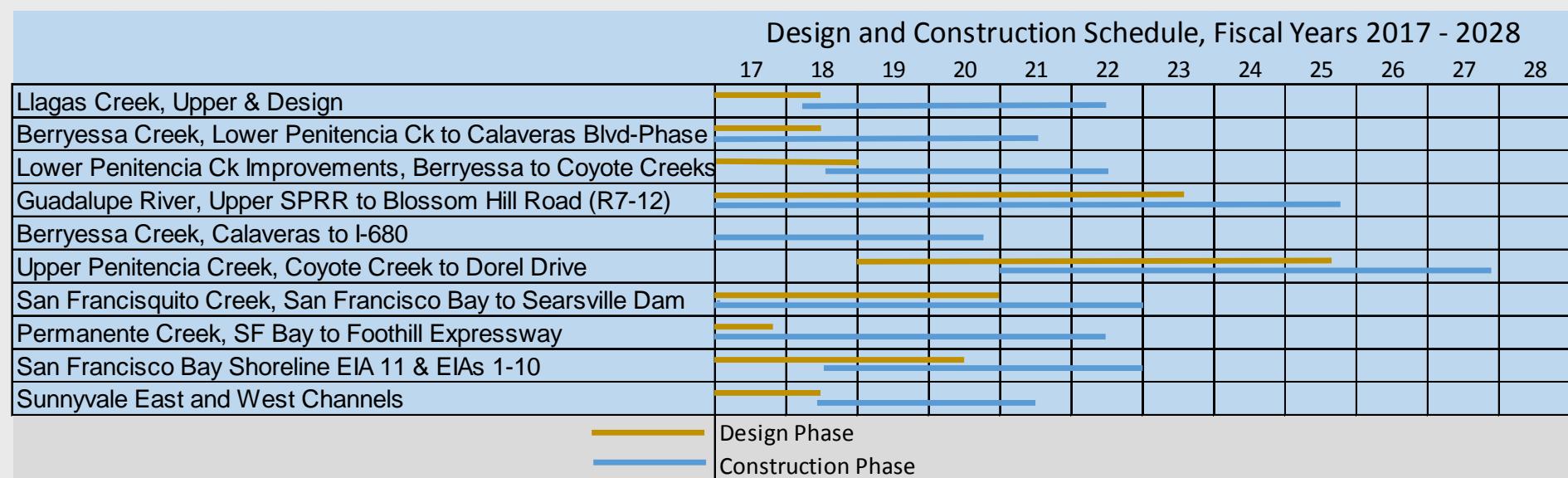
Mid-Year Progress Report:

- SC County Parks agreement for Ogier Ponds completed
- Initiated contract for water budget/recharge for Ogier Ponds
- Draft feasibility report preparation - ongoing
- Initiated planning for Stevens Creek Fish Passage and Metcalf Ponds

FY18 Outlook: complete Ogier Ponds feasibility study; continue Stevens Creek and Metcalf Pond studies

FY2016-17 Key Watersheds Capital Projects' Construction Schedule

Construction Schedule



FY2016-17 Key Watersheds Capital Projects' Status Report

SCW Program Schedule Adjustments

