

Zone 7
Report to the Zone Commissioners
By Jason Uhley, General Manager-Chief Engineer
November 2018

Current/Recent Construction Projects

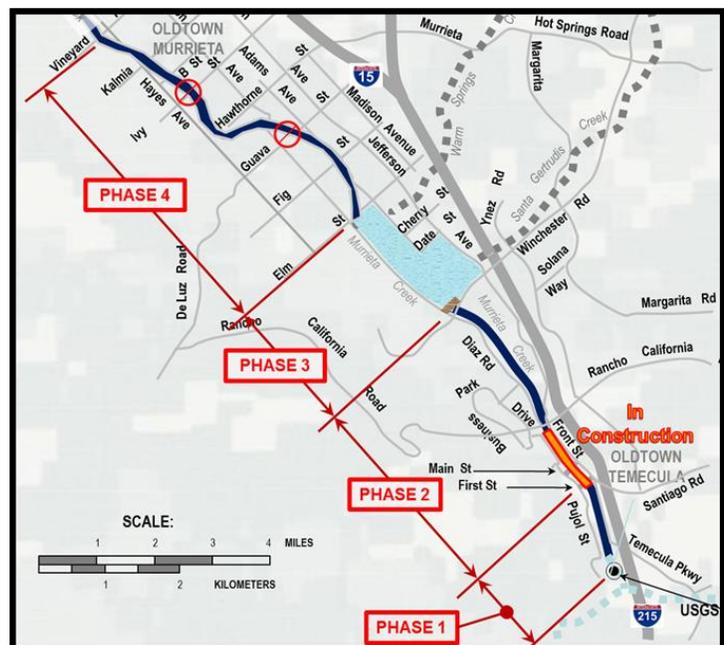
Murrieta Creek Channel - Corps of Engineers (7-8-00021-01)

Murrieta Creek continues to be the District's highest priority project in Zone 7. The project is divided into four phases: Phase I - channel improvements from the Front Street/Highway 79 south junction upstream to First Street (Temecula); Phase II - channel improvements from First Street upstream to Winchester Road (Temecula); Phase III - the detention basin/environmental restoration/sports park (Murrieta/Temecula); and Phase IV - channel improvements from the detention basin upstream to Vineyard Parkway (Murrieta).

Phase I construction was completed in December 2004. Due to Corps funding constraints, Phase II is being constructed in multiple reaches. The contract for Phase IIA, 600 feet south of Rancho California Road to the existing Phase I just south of First Street, was awarded to OHL USA, Inc. for \$16 million and was completed in 2018. This phase of the project was funded by the District through an amendment of the project Cooperative Agreement that allowed the District to provide "accelerated funding" to the Corps of approximately \$17,100,000 in FY 2014-2015.

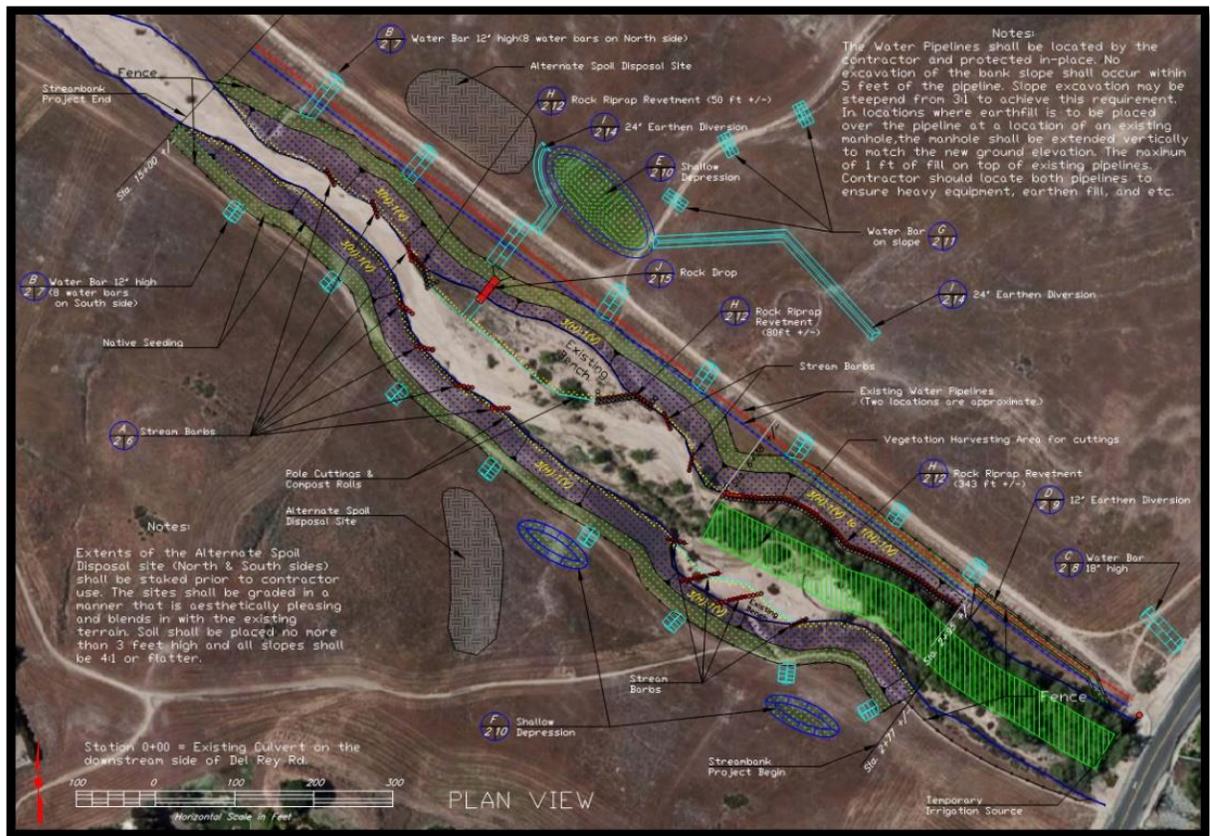
The Corps has received additional funding of \$9.9 million during FY 2018-2019. This funding will allow the Corps to:

- Construct lateral drainage inlets and place fencing along the Phase IIA project. This portion of the project has been awarded to Whitehorn Construction, Inc. and will be in construction soon.
- Excavate an interim 45 foot wide strip within Phase I as an interim measure to address ponding issues at the downstream terminus of Phase IIA.
- Remove all sediment buildup within Phase I in order to bring the facility up to original lines and grades and for the development of the operation and maintenance manual for Phases I and IIA.



Meadowview Stream Restoration (7-8-00361-60)

The Meadowview Stream Restoration project is a multi-agency collaborative streambank stabilization/restoration project in the city of Temecula. The project addresses existing hydromodification and erosion/sedimentation issues in the creek and serves to mitigate potential resulting water quality problems downstream. The project is located approximately 200 feet south of the Calle Pina Colada / Del Rey Road intersection at Meadowview Creek and continues northwesterly along the creek for approximately 1,450 feet. The project includes stream stabilization with native vegetation and bioengineering techniques such as laying back cut banks and adding rock riprap, compost rolls and hydroseed in all disturbed areas. The project is currently under construction and is expected to finish by the end of 2018.



Active Design Projects

Santa Gertrudis Valley-Browning Street Water Quality Basin (7-8-00025-60)

This is a District-led project to design and construct an improvement to alleviate dry weather water quality concerns at the system outfall at the northwest corner of Encanto Road. The District will be conducting public outreach in the residential area draining to the Browning Street Storm Drain in an effort to reduce over-irrigation as a first approach in reducing dry weather flows at the outfall.

Wildomar MDP Lateral C Basin (7-8-00075-03)

This is a District-led project to reduce flooding along Bundy Canyon Wash in the city of Wildomar. The project consists of a detention basin on a 19-acre site at the southeast corner of Bundy Canyon Road and Monte Vista Street, as well as replacing an existing open channel along Monte Vista Street. This project will attenuate flows from a 1,700-acre watershed which would otherwise overwhelm existing downstream facilities. Right of way for the basin site was secured in FY 2015-2016. Construction of the project is fully funded by the District in the 5-year CIP, and final plans are expected in FY 2019-2020.



Uncategorized/Other Contributions

Hydrogeotechnical Analysis (7-6-10020-00)

This is a District-led project to hire geotechnical engineers to test existing District facilities for groundwater recharge potential. This is fully funded by the District. As of October 2018, three basins in Zone 7 were tested for infiltration and one was found eligible for stormwater/urban runoff capture.