

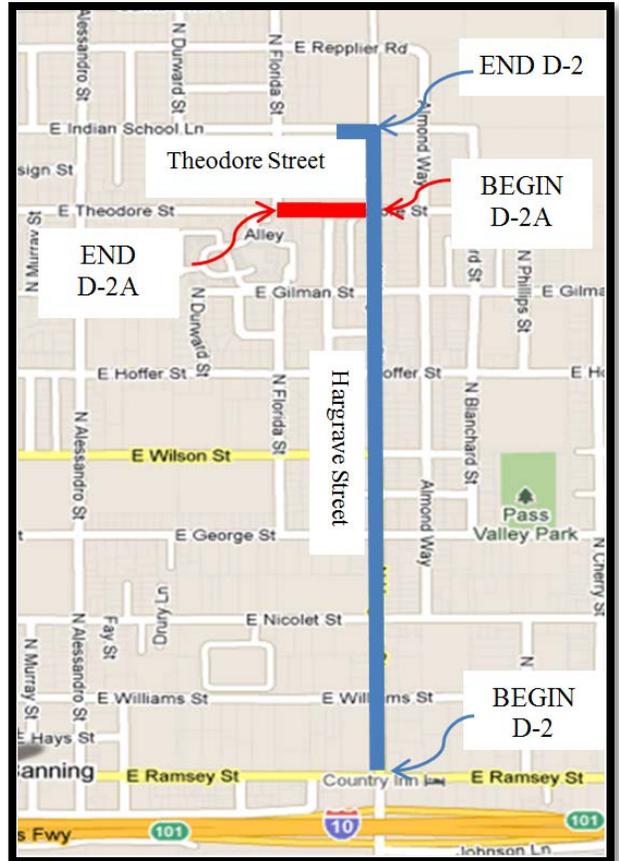
Zone 5
Report to the Zone Commissioners
By Jason Uhley, General Manager-Chief Engineer
November 2017

Current/Recent Construction Projects

Banning MDP Lines D-2 and D-2A (5-8-00169-01)

This District-led project is constructing over one mile of underground storm drain that will help collect runoff from the local streets and reduce flooding at the intersection of Ramsey and Hargrave Streets. The system collects water west of the intersection of Hargrave and Indian School Lane and conveys it in an underground storm drain southerly along Hargrave Street collecting more surface runoff until it discharges into the existing Ramsey Street storm drain.

The storm drain project is fully funded by the District, and the 8-inch water line relocation is funded by the City of Banning. The contractor, Mamco, Inc. dba Alabbasi, was the lowest bidder at \$3,133,777.00. Construction began on May 15, 2017 and will be complete this fiscal year.



Active Design Projects

Calimesa Channel, Stage 3 (5-8-00160-03)

The City of Calimesa is leading this project to provide flood protection and reduce erosion along Calimesa Creek and adjacent public facilities. The project consists of an underground storm drain in County Line Road that will collect flow from the improved section of channel from 5th Street and convey it to the natural wash just downstream of Calimesa Boulevard. The City's overall project will also provide water quality enhancement benefits and recreational opportunities. The District is funding 50% of the \$6.4 million cost to deliver the project. The City secured a \$900,000 U.S. E.P.A. grant for preliminary engineering and environmental work, and is currently evaluating alternative designs, including a plan that would add an upstream basin and omit some of the proposed channel improvements.



Banning MDP Line H, Stage 1 (5-8-00177-01)

This project is located in the city of Banning, south of Interstate 10, west of Cabazon. The underground storm drain will be a 100-year facility rather than the 10-year facility proposed in the District's Banning Master Drainage Plan. The project will collect flows from along Hathaway Street and Wesley Street, and convey the flows to Smith Creek.

The District has hired JLC Engineering & Consulting as the design consultant for this project, and the design plans are 90% complete. The District has also started the process to acquire the right of way and easements for the project which should be complete by mid-March 2018, assuming friendly acquisition. This project is funded by the District.



Beaumont MDP Line 16, Stage 1 (5-8-00201-01)

This project will build MDP Line 16 as an element of a cooperative project with the Beaumont-Cherry Valley Water District (BCVWD) to provide both flood control and stormwater capture for groundwater recharge. Line 16 will be built in Grand Avenue beginning at the intersection of Grand Avenue and Winesap Avenue heading west along the right of way of Grand Avenue until it reaches BCVWD's Noble Creek Recharge Facility (NCRF) - Ph II. The project will also include a "feeder" line connection from Bellflower Avenue to Winesap Avenue to capture small flows from Bellflower Avenue. Line 16 will collect storm flows from Winesap Avenue, Jonathan Avenue, Cherry Avenue, and Noble Street. This new alignment will provide 10-year storm protection to the area south of Grand Avenue and allow BCVWD to recharge storm flows from Line 16's tributary area into the Beaumont Groundwater Basin. The Preliminary Design Report has been completed, and a Request for Proposals (RFP) is now being prepared to hire a consultant for the final design of the project.

