

Zone 5

**Report to the Zone Commissioners  
Design and Construction Projects  
for Calendar Year 2010**

By Dusty Williams, General Manager-Chief Engineer  
January 2011

**GENERAL:**

Throughout the District (all Zones) during Calendar Year 2010, the Design and Construction Division completed five capital projects with a combined value of \$11.7 million. In Calendar Year 2010 the District also inspected and issued notices of completion for 20 developer-built projects with a total value of almost \$14 million.

As with last year, bids for District construction projects have shown that general contractors are still making very competitive bids. The District will continue to try to leverage this dip in construction costs by pushing hard to complete designs and advertise projects while prices are low.

Eleven capital improvement projects in the FY 2010/2011 budget are scheduled to either commence construction or to purchase right-of-way in Calendar Year 2011. The total cost of these eleven projects exceeds 30 million dollars. Several other drainage projects are being managed by individual Cities with the District participating in funding.

Additionally, we are also underway with six repair projects that require engineered drawings due to the severity of the damage or potential damage to our facilities. Deficiencies range from exposed and rusting rebar to undermined slope paving. As all in-house resources are devoted to our capital improvement projects, these six projects are being designed by outside consulting engineers. The plans for all of these repair projects are essentially complete and we expect to advertise these for construction in the spring of 2011.

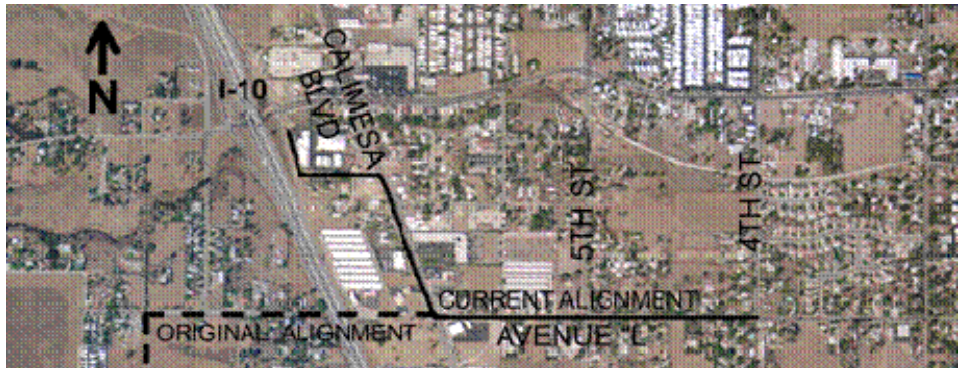
Calendar Year 2011 should also see completion of significant changes at the District's office site. The proposed Low Impact Development (LID) Retrofit Project is a three-part project. The completed project will convert the District's Market Street campus into a regional example of green development concepts. The upgraded facility will be used as a regional "green" training center for municipal employees, developers, engineers, and contractors throughout the Inland Empire and Orange County. Currently, there are limited locations and opportunities to demonstrate the proper application of LID BMPs. This facility is uniquely designed to accomplish both demonstration and monitoring of the effectiveness of LID practices. This project is intended to facilitate the support and implementation of LID BMPs by municipalities and developers. The cost of this project is being partially subsidized by a \$475,000 State Proposition 13 grant administered by SAWPA.

Following is a status summary of the capital improvement projects for Zone 5:

**Current Year Capital Projects (Budgeted FY 2010/2011)**

1. **Montgomery Street Channel (5-8-00051-01)** - Budgeted for construction inspection only. The City of Banning intends to complete the developer abandoned project using performance bonds. At the request of the City, the District will assist by funding the construction inspection. The project has not yet begun; schedule is driven by the City.

2. **Calimesa Line L, Stage 1 (5-8-00165-01)** - This is an underground storm drain extending from an existing culvert under the I-10 Freeway near County Line Road east to Calimesa Boulevard then south in Calimesa Boulevard to Avenue L and east in Avenue L approximately 2,500 feet. Construction is complete and a Notice of Completion will be filed in January 2011.



3. **Calimesa Line L, Stage 2 (5-8-00165-02)** – This is an extension of the existing Avenue L underground storm drain constructed in 2010, and will complete the Avenue L storm drain system. The proposed alignment meets the Stage 1 terminus near 4<sup>th</sup> Street and extends 6,400 feet east along Avenue L, where it turns north onto Douglas Street and extends an additional 690 feet. A major hurdle of this project involves permitting of the storm drain crossing of a California Department of Water Resources (DWR) 54" potable water mainline at the Avenue L and Bryant Street intersection.

30% plans are scheduled to be complete in spring 2011. We anticipate advertising the project for construction in spring 2012.



4. **Gilman Home Channel Lateral A, Stage 3 (5-8-00171-03)** - This project consists of two parts. The first part is upgrading the existing undersized storm drain in 4<sup>th</sup> Street from Williams Street to Nicolet Street and the second part consists of extending the existing Gilman Home Channel Lateral A, Stage 2 west in Cottonwood Road, north in 10<sup>th</sup> Street, west again in George Street then northwest along the East Gilman Home Wash (Channel). The project will cross 12<sup>th</sup> Street and end south of Wilson Street joining the existing East Gilman Home Wash. This project will allow the abandonment of an existing undersized manmade channel that bisects private property and eliminate the floodplain. Design work on this project has been contracted to a consulting engineering firm. The design work is proceeding quickly and is scheduled to be completed by late spring 2011.



5. **Banning MDP Line H, Stage 1 (5-8-00177-01)** - This project is an underground storm drain extending from Smith Creek north in Hathaway Street to Barbour Street. Design mapping was compiled in October 2010 and design work will be contracted out to a consulting engineering firm as soon as the District completes the Request for Qualifications package in January 2011.

