

Zone 5

**Report to the Zone Commissioners
Design and Construction Projects
for Calendar Year 2009**

By Dusty Williams, General Manager-Chief Engineer
January 2010

GENERAL:

Throughout the District (all Zones) during Calendar Year 2009, the Design and Construction Division completed four capital projects with a combined value of \$4.7 million. Two projects with a total contract value of \$8,500,000 are currently under construction. In Calendar Year 2009 the District also inspected and issued notices of completion for 20 developer-built projects with a total value of almost \$24 million.

Recent bids for District construction projects have shown that general contractors are becoming very competitive. The District will continue to try and leverage this dip in construction costs by pushing hard to complete designs and advertise projects while prices are low.

Twenty-five capital improvement projects in the FY 2009/2010 budget are either under active design or pre-design study at the District with five of those projects expected to be advertised for construction in Calendar Year 2010. The total construction contract cost of those five projects is estimated at around \$11 million. Another ten or so drainage projects are being managed by individual cities with the District participating in funding.

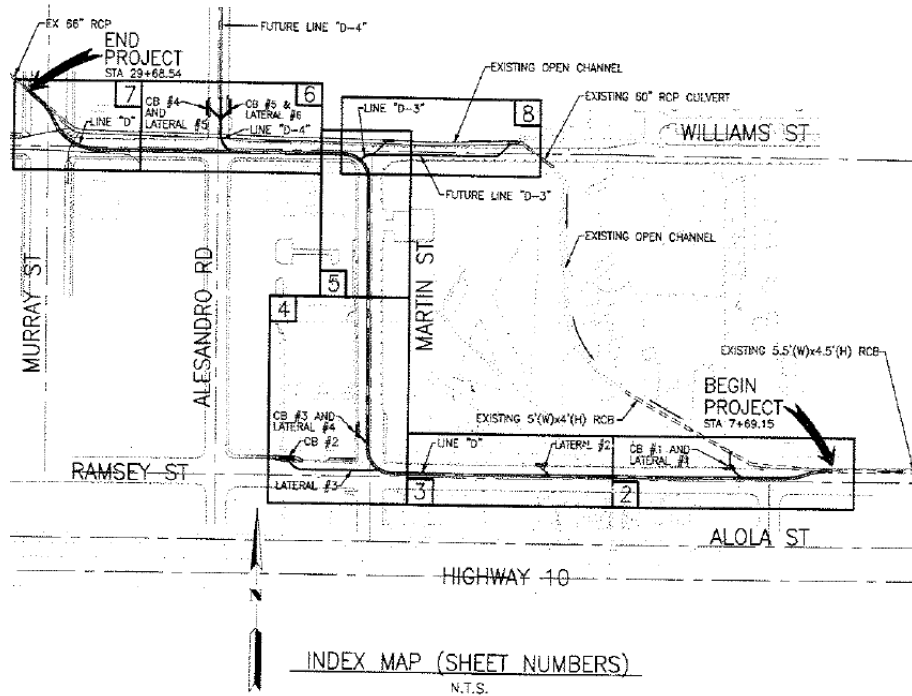
Additionally, we are also underway with six repair projects that require engineered drawings due to the severity of the damage or potential damage to our facilities. Deficiencies range from exposed and rusting rebar to undermined slope paving. As all in-house resources are devoted to our capital improvement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

Calendar Year 2010 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.

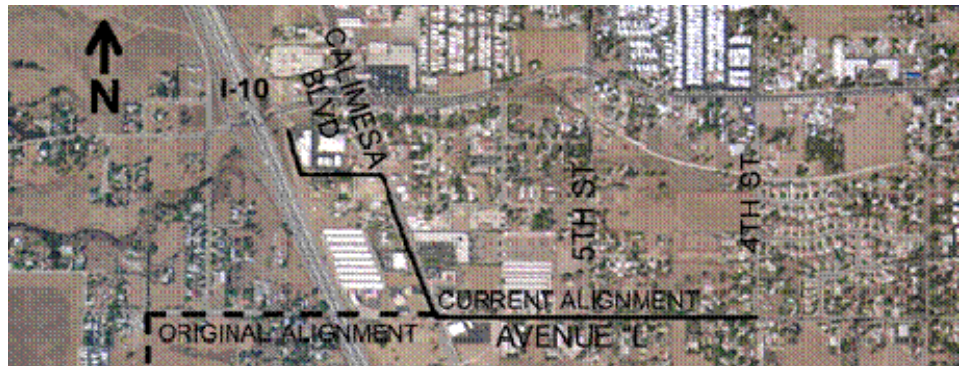
Following is a status summary of the capital improvement projects for Zone 5:

Current Year Capital Projects (Budgeted FY 2009/2010)

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 inspection. Project has not yet begun; schedule is driven by the City.
2. **Banning MDP Line D (5-8-00152-01)** –An underground storm drain to be constructed by the City of Banning. Budgeted for plan check and inspection costs only. Construction of this project was completed in Fall 2009.



3. **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.



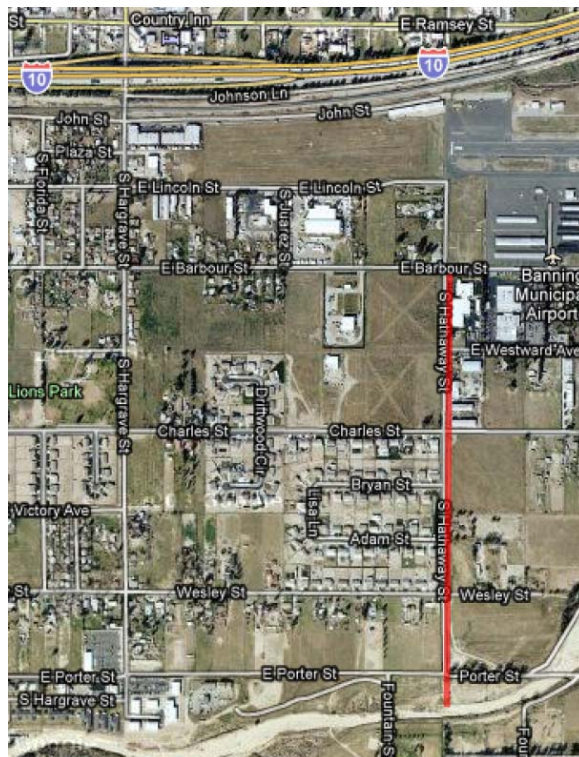
The notice to proceed for this project was issued to L.G. Engineering on August 21, 2009. L.G. Engineering's bid was \$2,520,340.87, well below the engineer's estimate of \$3.6 million. As of January 2010 construction is approximately sixty percent complete and should conclude in late Spring 2010. There have been minor difficulties stemming from both known and unknown utilities and wet material within the trench paylines

but no major problems to date. In July 2009, the City of Calimesa contributed its promised \$300,000 toward the project with funds from the City's Redevelopment Agency and Development Mitigation Fees.

4. **Gilman Home Channel Lateral A, Stage 3 (5-8-00171-03)** - This project is planned as an underground storm drain extending upstream from the existing Gilman Home Channel Lateral A in 8th Street west in Cottonwood Road, north in 10th Street then west again in George Street to an existing wash. This project will allow the abandonment of an existing undersized manmade channel that bisects private property. Design work on this project has been contracted to a consulting engineering firm. The design work only recently began but is proceeding quickly and is scheduled to be completed by late summer 2010.



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. Mapping limits have been defined and once street reconstruction work in Hathaway Street is completed mapping will proceed.



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