

Zone 3

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

By Dusty Williams, General Manager-Chief Engineer
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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.

Ongoing Planning Work - Lakeland Village Master Plan of Drainage - The District has completed the preliminary engineering work for five alternatives that emphasize different goals and objectives (flood protection, water conservation, floodplain management and water quality) for the Lakeland Village Master Drainage Plan (MDP).

Preparation of the MDP is jointly funded by the District and the Lakeland Village/Wildomar Redevelopment Project Area. The District awarded an environmental services contract to Dudek for the preparation of an Environmental Impact Report for the plan. The EIR is expected to be completed in August 2012.

Following is a status summary of the capital improvement projects for Zone 3:

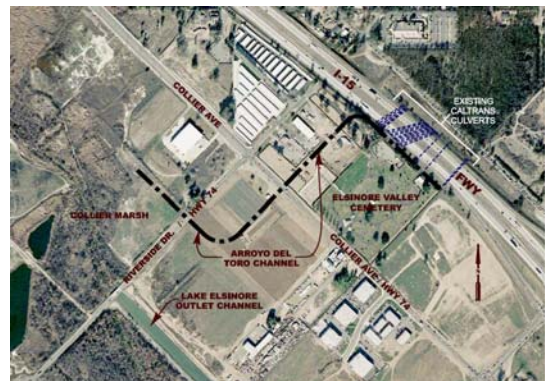
Current Year Capital Projects (Budgeted FY 2010/2011)

1. **Lakeland Village Orange Street Lateral (3-8-00012-01)** - This small lateral to Lime Street Channel is 700 lineal feet of storm drain from existing Lime Street Channel, southwesterly along Fairview Street, then southeasterly along Orange Street. The design is progressing, and the drawings should be completed by summer 2011. Staff is working toward the preliminary plans, soils report and environmental documents.



Orange Street January 20, 2010

2. **Arroyo Del Toro Channel (3-8-00170-01)** - This project is an open channel that collects a battery of culverts presently discharging flows under Interstate 15 onto the Elsinore Valley Cemetery and extends approximately 3,000 feet southwest to an outlet into the Collier Marsh area west of Riverside Drive. This project is a priority for the District. Staff has studied numerous alignments and configurations and determined the most economical and feasible project. They have met with affected property owners downstream of Collier Avenue. Staff has developed preliminary plans based on the preferred alignment and hydraulic considerations. These plans include plan and profile sheets for the mainline and connector pipes, grading plans,



traffic detour plans and utility relocation plans. Design details are currently being evaluated and the design is progressing. Current work includes review and coordination with the utility companies, Caltrans, the City and the Cemetery. Further work includes design of structural and miscellaneous details, and preparation of final costs and specifications. Environmental/CEQA Phase 1 and Phase 2 assessments are presently underway. During this past year progress has been disappointingly slow as we continue to work through environmental issues at the outlet area. Construction on the project should take place in approximately one year.

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