

## SAN RAMON CANYON/25<sup>TH</sup> STREET STABILIZATION PROJECT

Website Up-date: 1/20/11

The first draft Project Study Report was received from Harris and Associates in October. The report was extensively reviewed by City Staff and the format was modified and re-submitted. There have been further reviews of subsequent reports by City Staff, to improve the understanding for a non-technical reader. The final draft report was formally received by City Council on January 18, 2011.

### **The Report:**

After investigating ways to convey storm water to the ocean, it was decided that the most feasible solution was to pipe it. Although several alternatives were investigated, two main alternative routes were explored. One follows the stream bed and connects up with the existing drainage system in the City of Los Angeles, immediately above 25<sup>th</sup> Street. The other diverts flow in a more direct route to the ocean by tunneling from the canyon to the beach. This option remains within Rancho Palos Verdes city limits.

Each of the alternatives was evaluated on a number of criteria, including the ability of the design to fulfill all the goals successfully. Environmental impact, site conditions, project cost, regulatory review requirements, constructability and other criteria were all explored. A preferred recommendation was made in the report, which will be publicly discussed by City Council at their March 1, 2011 meeting.



### **Interim Designs to Stabilize Switchbacks:**

Harris and Associates is working on an final design of an interim project to provide protection to the lower switchback in the event the larger project cannot be completed before the roadway faces imminent threat. This design will be completed early in 2011 and will be ready for bidding as soon as the decision is made to proceed with construction. The availability of funding for the full project is uncertain and makes having a "back up plan" a necessity.

### **Interim Solutions for Flooding at 25<sup>th</sup> Street**

The City is finalizing an agreement with the City of Los Angeles to maintain the area immediately up-stream of 25<sup>th</sup> Street. This involves preparing the area for incoming storms, positioning equipment on location during the storm and to immediately clean up after every major event. This worked successfully, keeping the road fully passable in the prolonged rain event in December of 2010.

### **Next Steps:**

The report will be discussed at a City Council public workshop on March 1, 2011, with the goal of Council selecting a preferred alternative and authorizing further work. The next steps involve developing the full design and production of the bid documents and environmental review of the same. Funding opportunities are being explored in both federal and state programs.

