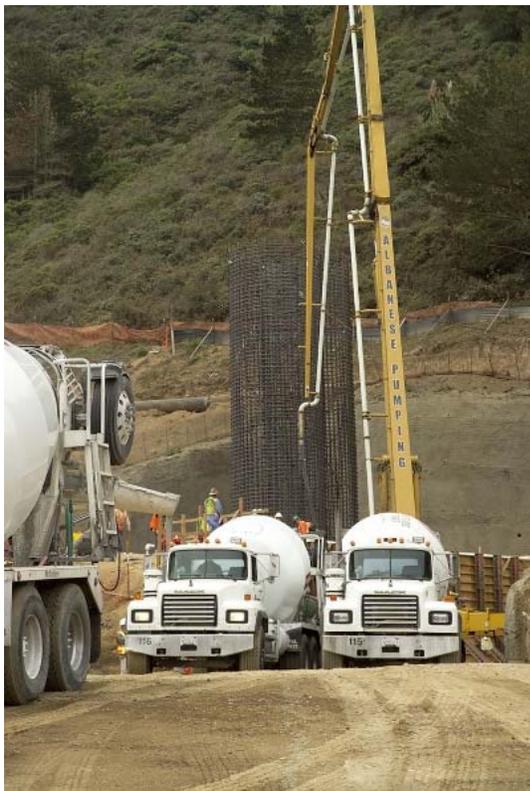


# UPDATE

**Date:** 8/29/2006  
**District:** District 4, Oakland  
**Contact:** John Cunliffe

## Bridge Construction – First Footing Poured

The first of four massive, 2,000 ton, concrete bridge footings was poured on Monday August 28. Over 120 truckloads of concrete filled the 48 feet long by 40 feet wide and 15 feet high forms.



Trucks unloading into the concrete pump



Footing No. 1

Trucks started arriving at the Shamrock Ranch site shortly after 9:00 a.m. and the last loads were delivered 12 hours later at 9:30 p.m.. Construction workers finished the job shortly before midnight. By the end of the pour over 1,100 cubic yards of concrete had been pumped into the footing. PVC pipes embedded in the concrete carried chilled water to prevent overheating and cracking during the curing process.

## UPDATE



In the foreground placing concrete. In the background, vibrating. White PVC pipes carry cooling water.

Each of the four footings is supported by nine steel reinforced concrete piles, arranged in a 3 x 3 pattern. Each pile is 5 feet in diameter and approximately 40 feet deep.

During the pour, concrete trucks arrived at the site at a rate of ten per hour. A flagman controlled traffic on Highway 1 to facilitate trucks turning left into the site. Caltrans delayed the start of the pour until 9:00 a.m. to avoid any impact on morning commuters. No significant traffic delays were reported, even during peak evening commute hours.

Caltrans Construction Manager, Ed Der, said “The whole operation went very smoothly and according to plan”. He commended the contractor, Disney Construction, for a job well done.

Rick Disney, owner of Disney Construction, said he “was very happy with the way things went”. His crews worked over the weekend to make sure everything was ready for the Monday pour.

The three remaining bridge footings are being constructed simultaneously. By the second week of September the second footing should be poured. Overall, bridge construction is on schedule and will be completed in early 2008.