

**MEMORANDUM**

**DATE:           OCTOBER 6, 2011**

**TO:             TECHNICAL PLANNING COMMITTEE**

**FROM:          TY PHIMMASONE, PLANNER**

**RE:            PROJECT STUDY REPORT FOR APPLGATE INTERCHANGE AND  
HIGHWAY 99 WIDENING – APPROVED BY CALTRANS**

The Project Study Report (PSR) for the Applegate Interchange and Highway 99 Widening commenced in April 2008. The scope includes reconstructing the Applegate Interchange with Highway 99 and increasing the capacity of Highway 99 through the City of Atwater to six lanes.

The PSR identified three alternatives to move forward to the next Environmental Phase of project implementation.

These alignment options differ in their configuration and design of the Applegate Interchange as shown in the following.

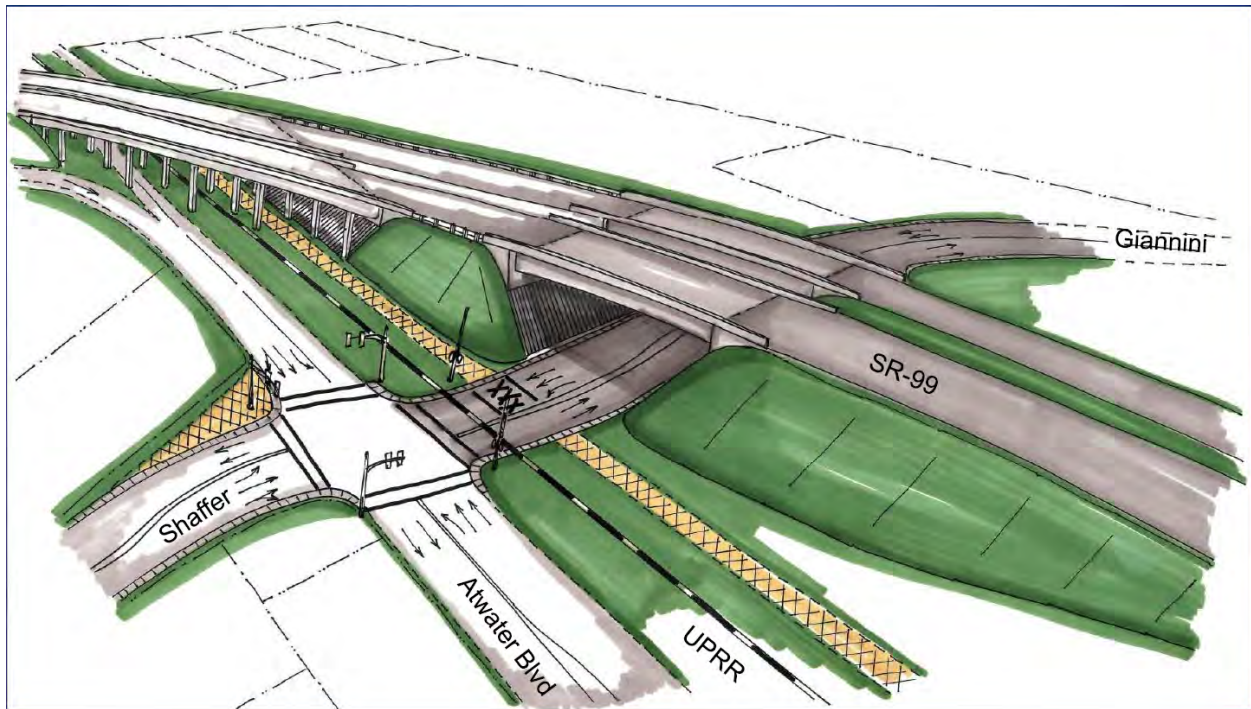
- Alternative 1: Tight Diamond Interchange with At-Grade Crossing over Union Pacific Railroad.







These three alignment options all include the shifting of Broadway Boulevard to the north to accommodate the Highway 99 widening to 6 lanes, and the extension of Shaffer Road across the Union Pacific Railroad and under Highway 99 to connect to Giannini Road.



The maps and renderings of the three alignments are available on MCAG’s website, <http://www.mcagov.org/programs/trans/status.html>.

Below are the preliminary cost estimates for the three alternatives. Fundings have not been identified to move this project forward to the next implementation phase, Environmental Work.

	<b>Alternative 1</b>	<b>Alternative 2</b>	<b>Alternative 3</b>
Environmental Work (PA&ED)	\$13,730,000	\$16,178,000	\$16,579,000
Design (PS&E)	\$13,730,000	\$16,178,000	\$16,579,000
Right of Way (R/W)	\$47,700,000	\$61,712,000	\$66,270,000
Environmental Mitigation	\$30,000	\$30,000	\$250,000
Utility Relocation	\$4,500,000	\$4,566,000	\$3,420,000
Construction	\$105,340,000	\$124,851,000	\$129,207,000
Construction Support	\$13,730,000	\$16,178,000	\$16,579,000
<b>Total Estimated Cost</b>	<b>\$198,770,000</b>	<b>\$239,659,000</b>	<b>\$248,884,000</b>

Caltrans District 10 approved the Final PSR on August 16, 2011.

### REQUESTED ACTION

For information only.