

PM Conformity Hot Spot Analysis – Project Summary for Interagency Consultation

<b>RTIP ID#</b> <i>(required)</i> 200417					
<b>TCWG Consideration Date</b> : March 2009					
<b>Project Description</b> <i>(clearly describe project)</i>					
Generally, the project proposes to install a signal at the Fish Hatchery/Bear Valley Road Intersection.					
<b>Type of Project</b> <i>(use Table 1 on instruction sheet)</i>					
Intersection Signalization					
<b>County</b> San Bernardino	<b>Narrative Location/Route &amp; Postmiles</b> Victorville/ N/A				
	<b>Caltrans Projects – EA#</b> 08-925072L				
<b>Lead Agency:</b> City of Victorville					
<b>Contact Person</b> Allen Farr	<b>Phone#</b> 760-243-6359	<b>Fax#</b>	<b>Email</b>		
<b>Hot Spot Pollutant of Concern</b> <i>(check one or both)</i> <b>PM2.5</b> <b>PM10</b> X					
<b>Federal Action for which Project-Level PM Conformity is Needed</b> <i>(check appropriate box)</i>					
X	<b>Categorical Exclusion (NEPA)</b>	<b>EA or Draft EIS</b>	<b>FONSI or Final EIS</b>	<b>PS&amp;E or Construction</b>	<b>Other</b>
<b>Scheduled Date of Federal Action:</b>					
<b>NEPA Delegation – Project Type</b> <i>(check appropriate box)</i>					
Exempt		X	<b>Section 6004 – Categorical Exemption</b>	<b>Section 6005 – Non-Categorical Exemption</b>	
<b>Current Programming Dates</b> <i>(as appropriate)</i>					
	<b>PE/Environmental</b>	<b>ENG</b>	<b>ROW</b>	<b>CON</b>	
<b>Start</b>	08/2002	5/2009	N/A	10/09	
<b>End</b>	07/2005	6/2009	N/A	5/10	

**Project Purpose and Need (Summary):** *(attach additional sheets as necessary)*

Bear Valley Road is the major thoroughfare in the Victor Valley, with access to three communities, Apple Valley, Hesperia and Victorville as well as the unincorporated community of Spring Valley Lake. Commuters living in the outlying areas of Apple Valley and Hesperia utilize this arterial road.

The existing Fish Hatchery / Bear Valley Road Intersection is currently operating at level of service F. A signalized intersection synchronized with adjacent signals will significantly improve the level of service of the intersection to a level C.

**Surrounding Land Use/Traffic Generators** *(especially effect on diesel traffic)*

The project site is located within existing right of way, surrounded by Public/Institutional uses to the North and commercial uses to the south.

**Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility**

The facility will be constructed and operational by 2010. Upon project completion, the intersection will operate at Level of Service C. Average Daily Traffic at the north leg of Fish Hatchery is approximately 2,748 (1,002,030/year). Once the project is constructed and operational the ADT will be 5,900 (2,153,500/year).

Truck/Diesel vehicle percentage along Bear Valley Road will be 5%. and 3% along Fish Hatchery.

**RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility**

The 2008 RTP horizon year/design year is 2035.  
Once the project is constructed the intersection will operate at Level of Service D. Average Daily traffic at the north leg of Fish Hatchery will be approximately 12,000 vehicles per day (4,380,000/year). Average Daily traffic at Bear Valley will be 37,506 (13,689,690/year).  
Percentage of Truck/Diesel vehicles will remain the same as the opening year along both streets.

<p><b>Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT</b> Fish Hatchery North Leg Build AADT: 1,003,020 - LOS F No Build AADT: 2,153,500 - LOS C % trucks: 3% truck AADT build: 30,091</p> <p><b>RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT</b> Build AADT: 4,380,000 - LOS D No Build AADT: 4,380,000 - LOS F % trucks: 3% truck AADT build: 131,400</p>
<p><b>Describe potential traffic redistribution effects of congestion relief</b> <i>(impact on other facilities)</i></p> <p>The installation of the signal at Fish Hatchery / Bear Valley Road will improve the existing level of service of the existing intersection.</p>
<p><b>Comments/Explanation/Details</b> <i>(attach additional sheets as necessary)</i></p>