

**TRANSPORTATION MANAGEMENT PLAN DATA SHEET
(Preliminary TMP Elements and Costs)**

Co/Rte/PM 07-LA-101, PM 33.0/34.4 EA 257200 Alternative No. 2
 Project Limit On Route 101 between 0.2 miles East of Palo Comado Canyon Road Overcrossing and
0.8 miles West of Palo Comado Canyon Road Overcrossing
 Project Description Widening of Palo Comado Canyon Road and Overcrossing and Maintain Existing Ramp
Configuration

1) Public Information

- a. Brochures and Mailers \$15,000
- b. Press Release
- c. Paid Advertising \$20,000
- d. Public Information Center/Kiosk
- e. Public Meeting/Speakers Bureau
- f. Telephone Hotline
- g. Internet
- h. Others

2) Motorists Information Strategies

- a. Changeable Message Signs (Fixed)
- b. Changeable Message Signs (Portable) \$40,000
- c. Ground Mounted Signs
- d. Highway Advisory Radio
- e. Caltrans Highway Information Network (CHIN)
- f. Others

3) Incident Management

- a. Construction Zone Enhanced Enforcement Program (COZEEP) \$75,000
- b. Freeway Service Patrol
- c. Traffic Management Team
- d. Helicopter Surveillance
- e. Traffic Surveillance Stations (Loop Detector and CCTV)
- f. Others

4) Construction Strategies

- a. Lane Closure Chart _____
- b. Reversible Lanes _____
- c. Total Facility Closure _____
- d. Contra Flow _____
- e. Truck Traffic Restrictions _____
- f. Reduced Speed Zone _____
- g. Connector and Ramp Closures _____
- h. Incentive and Disincentive Clause _____
- i. Moveable Barrier _____
- j. Others _____

5) Demand Management

- a. HOV Lanes/Ramps (New or Convert) _____
- b. Park and Ride Lots _____
- c. Rideshare Incentives _____
- d. Variable Work Hours _____
- e. Telecommute _____
- f. Ramp Metering (Temporary Installation) _____
- g. Ramp Metering (Modify Existing) _____
- h. Others _____

6) Alternative Route Strategies

- a. Add Capacity to Freeway Connector _____
- b. Street Improvement (widening, traffic signal... etc) _____
- c. Traffic Control Officers _____
- d. Parking Restrictions _____
- e. Others _____

7) Other Strategies

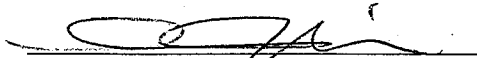
- a. Application of New Technology _____
- e. Others _____

TOTAL ESTIMATED COST OF TMP ELEMENTS = \$150,000

Project Notes:

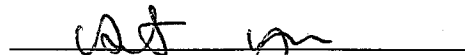
1. This project proposes to widen the entire length of Palo Comado Canyon Road between Driver Avenue to the north and Chesebro Road to the south; from two to four lanes. Within these limits, the Palo Comado Canyon Road Overcrossing would be widened from one lane in each direction to provide two lanes in each direction, along with a dedicated left hand turn lanes, for a total of five striped lanes. A Class II bike lane and sidewalks would be provided on both sides of the overcrossing. It would maintain the existing layout of the interchange ramps; however, the northbound on- and off-ramps would be slightly re-configured, with an additional lane being provided on the northbound off-ramp at the Palo Comado Canyon Road intersection. The intersection of the northbound ramps and Palo Comado Road would be signalized; the remaining intersections would remain un-signalized.
2. The estimated construction cost of the project is \$20 million for Alternative 2 (Build Alternative). Construction is estimated to begin February 1, 2013 and end December 31, 2014.
3. For early budgeting purposes the following assumption and cost has been included as a placeholder in overall project estimate:
 - a. Brochures and Mailer cost will vary depending on number produced and the amount distributed, type of mailer, graphics, and staff involvement. Brochures and mailers assume about 3,000 mailers at \$3.00 each = \$9000 + misc = \$15,000.
 - b. Paid Advertisement: \$20,000.
4. For early budgeting purposes, assume that 4 Changeable Message Signs will be used at \$10,000/ea.
5. For early budgeting purposes the following assumption and cost has been included as a placeholder in overall project estimate:
 - a. The majority of the work occurs at the widening of Palo Comado Canyon Road which requires shifting of traffic to one side for pavement and bridge construction. Freeway lanes will remain open during construction period, except the closure as per maintaining traffic specifications.
Assume 2 COZEPP officers at \$85/officer/hr and \$127.50/officer/hr for overtime.
Assume 8 hr service plus 2hrs travel and 2hrs at reporting station.
Cost = 20 regular days x \$85 x12hr x 2 = \$40,800
Cost = 10 OT days x \$127.50 x12hr x2 = \$30,600
Total = \$71,400, Say \$75,000

PREPARED BY


José Silva, Project Engineer
Kimley-Horn and Associates, Inc.

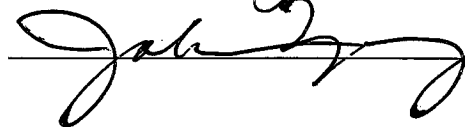
DATE August 2012

APPROVAL RECOMMENDED BY



DATE 8-29-12

APPROVED BY



DATE 8/29/12