

# TRANSPORTATION MANAGEMENT PLAN DATA SHEET

For Consultant TMP Projects

PROJECT MANAGER Carlton Haack	(916-595-3272)
PROJECT ENGINEER Brian Stewart	(925-324-5624)
DIST-EA: 04/4G0800 PROGRAM: 0412000332 - HB5, 20.025.700	
PROJECT COMMON NAME - I-80 Express Lanes (East Segment)	
CO-RTE-PM (KP): SOL/80/PM 19.2/30.2	
LEGAL DESCRIPTION: In Solano County from Fairfield to Vacaville on Route 80 from 0.3 mile east of Air Base Parkway Overcrossing to 0.4 mile east of Leisure Town Road Overcrossing	
DETAILED WORK DESCRIPTION: Construct new HOV/Express Lanes in both directions of I-80. Install overhead signs and gantries in the median requiring power and telecommunications. Construct new median concrete barrier. Construct new CHP observation areas. Install highway lighting fixtures and construct MVPs.	
CONSTRUCTION COST ESTIMATE: \$82,800,000	
PROJECT PHASE: PSR <input type="checkbox"/> PR <input checked="" type="checkbox"/> PS&E <input type="checkbox"/> %	

## Traffic Impact Description

A) Does the proposed project includes long term closures ( > 24 hours) Yes \_\_\_\_\_ No  X   
 [Check Applicable Facilities. If "No", Continue to Item D ( Preliminary TMP Elements and Costs.)]

- Freeway Lanes
- Freeway Shoulder
- Freeway Connectors
- Freeway Off-ramps
- Freeway On-ramps
- Local Streets
- Full Freeway Closures

B) Are there any construction strategies that can restore existing number of lanes?  
 (Check Applicable Strategies) Yes \_\_\_\_\_ No \_\_\_\_\_

- Temporary Roadway Widening Structure Involvement?  
 If yes, notify Project Manager Yes \_\_\_\_\_ No \_\_\_\_\_
- Lane Restriping (Temporary Narrow Lane Widths)
- Roadway Realignment (Detour Around Work Area)
- Median and/or Right Shoulder Utilization
- Use of HO V lane as a Temporary Mixed Flow Lane
- Staging Alternatives (Explain Below)

Notes:

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C) Calculated Delays (To be performed if construction strategies in Item B do not mitigate congestion resulting from Item A)

1. Estimated Maximum Individual Vehicle Delay	_____	Minutes
2. Existing or Acceptable Individual Vehicle Delay	_____	Minutes
3. Estimated Individual Vehicle Delay Requiring Mitigation		
	[(1) - (2)]	_____ Minutes
4. Estimated Delay Cost (Most Applicable)		
<input type="checkbox"/> Extended Weekend Closure	\$ _____	
<input type="checkbox"/> Weekly (7 days)	\$ _____	
5. Estimated Duration of Project Related Delays	\$ _____	
6. Cost of Construction Related Delays [(4 x 5)]	\$ _____	

D) Preliminary TMP Elements and Cost

1. Public Information

<input type="checkbox"/> a. Brochures and Mailers	\$ _____
<input type="checkbox"/> b. Press Release	\$ _____
<input type="checkbox"/> c. Paid Advertising	\$ _____
<input type="checkbox"/> d. Public Information Center/Kiosk	\$ _____
<input type="checkbox"/> e. Public Meeting/Speakers Bureau	\$ _____
<input type="checkbox"/> f. Telephone Hotline	\$ _____
<input type="checkbox"/> g. Internet	\$ _____
<input type="checkbox"/> h. Notification to impacted groups	\$ _____
<input type="checkbox"/> ( Bicycle users, Pedestrians with disability, others..)	
<input type="checkbox"/> i. Others <u>MTC Public Outreach</u>	\$ <u>50,000</u>

**TOTAL** \$ 50,000

2. Motorists Information strategies

<input type="checkbox"/> a. Changeable Message Signs (Fixed)	\$ _____
<input type="checkbox"/> b. Changeable Message Signs (Portable)	\$ <u>75,000</u>
<input type="checkbox"/> c. Ground Mounted Signs	\$ <u>10,000</u>
<input type="checkbox"/> d. Highway Advisory Radio	\$ _____
<input type="checkbox"/> e. Caltrans Highway Information Network (CHIN)	\$ _____
<input type="checkbox"/> f. Revised Transit Schedules/Maps	\$ _____
<input type="checkbox"/> g. Others _____	\$ _____

**TOTAL** \$ 85,000

3. Incident Management

<input type="checkbox"/> a. Construction or Maintenance Zone Enhanced Enforcement Program ( COZEEP OR MAZEEP)	\$ <u>250,000</u>
<input type="checkbox"/> b. Freeway Service Patrol	\$ _____
<input type="checkbox"/> c. Traffic Management Team	\$ _____
<input type="checkbox"/> d. New CCTVs and Detectors	\$ _____
<input type="checkbox"/> e. Others _____	\$ _____

**TOTAL** \$ 250,000

4. Construction Strategies (In Addition to Elements Identified on Item B)

- a.. Off Peak/Night/Weekend Work (Lane Closure Charts) \$ 100,000
- b. Reversible Lanes \$ \_\_\_\_\_
- c. Total Facility Closure \$ \_\_\_\_\_
- d. Extended Weekend Closure \$ \_\_\_\_\_
- e. Truck Traffic Restrictions \$ \_\_\_\_\_
- f. Reduced Speed Zone \$ \_\_\_\_\_
- g. Connector and Ramp Closures \$ \_\_\_\_\_
- h. Incentive and Disincentive \$ \_\_\_\_\_
- i. Moveable Barrier \$ \_\_\_\_\_
- j. Others Maintain Traffic \$ 100,000

\*For K-Rail See PR Estimate

**TOTAL** \$ 200,000

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 (New Installation) \$ \_\_\_\_\_
- g. Ramp Metering (Maintain Existing) \$ 25,000
- h. Others \_\_\_\_\_ \$ \_\_\_\_\_

**TOTAL** \$ 25,000

6. Alternate Route Strategies

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

**TOTAL** \$ \_\_\_\_\_

7. Other Strategies

- a. Application of New Technology \$ \_\_\_\_\_
- b. Others \_\_\_\_\_ \$ \_\_\_\_\_

**TOTAL** \$ \_\_\_\_\_

8. The Project includes the following: (Check applicable type of facility closures)

- a. Highway or Freeway Lanes
- b. Highway or Freeway Shoulders
- c. Full Freeway Closure
- d. Freeway On/Off-Ramps
- e. Freeway Connectors
- f. Local Streets

9. Major operations requiring traffic control and working days for each

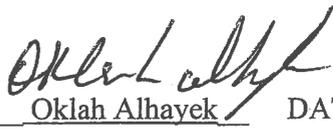
<u>Operation</u>	<u># of working days</u>
<input type="checkbox"/> a. Clearing and Grubbing	<u>20</u>
<input type="checkbox"/> b. Existing Feature Removal	<u>30</u>
<input type="checkbox"/> c. Excavation of Embankments Construction	<u>100</u>
<input type="checkbox"/> d. Structural Section Construction	<u>100</u>
<input type="checkbox"/> e. Drainage Feature Construction	<u>60</u>
<input type="checkbox"/> f. Structures Construction	<u>120</u>
<input type="checkbox"/> g. MBGR/Barrier Construction	<u>100</u>
<input type="checkbox"/> h. Striping	<u>40</u>
<input type="checkbox"/> i. Electrical Component Construction	<u>100</u>
<input type="checkbox"/> j. Other	<u>          </u>
Total days requiring Traffic Control (Some overlap of work assumed)	<u>450</u>

TOTAL ESTIMATED COST OF TMP ELEMENTS = \$ 610,000

Notes: Extensive TMP is required due to excessive delays expected.

PREPARED BY (Consultant) Brian Stewart DATE: 01-12-2015

APPROVAL RECOMMENDED BY  
(TMP Reviewer) \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED BY (TMP Office)  DATE 1/14/2015