

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>06</u> ] *SHRP SECTION ID [ <u>0500</u> ]
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SPS # 5

SPS SITE # 060501-  
060518

SPS 5  
file

STATE OR PROVINCE CALIFORNIA COUNTY SAN BERNARDINO  
 HIGHWAY ROUTE NO. 40 MILEPOST# 23.780 — 28.390  
 NEAREST CITY/TOWN \_\_\_\_\_ NEAREST INTERSECTION \_\_\_\_\_  
 FUNCTIONAL CLASS 1 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAF. \_\_\_\_\_  
 FIPS COUNTY CODE 071 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC ☒ PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES ☒ NO \_\_\_\_\_ MEDIAN: YES ☒ NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL ☒  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO ☒  
 IF YES, DESCRIBE CHANGES \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TRAFFIC VOLUME IS THE SAME FROM PM. 23.780 Thru  
PM 28.390

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE  
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF  
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT  
 STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

## LTPP TRAFFIC DATA

STATE CODE

[06]

TRAFFIC VOLUMES  
AND LOAD ESTIMATES

SHRP SECTION ID [ ]

SPS SITE # 060501-060518

SPS#5

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000'S)
1989	9800	5556	2450	2361	1654
1988	10500	5953	2625	2530	1773
1987	7400	4195	1850	1783	1250
1986	7000	3969	1750	1687	1132
1985	7300	4139	1825	1759	1233
1984	6800	3860	1700	1641	1150
1983	8700	1740	2175	740	519
1982	7000	1400	1750	595	417
1981	6200	1240	1550	527	369
1980	7300	1460	1825	621	435
1979	6300	1260	1575	536	376
1978	7300	1131	1825	481	337
1977	6200	961	1550	408	286
1976	6400	992	1600	422	296
1975	5650	875	1413	372	261
1974	5500	852	1375	362	254
1973	5600	840	1400	357	250

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ ]

\*STATE CODE [06]

\*SHRP SECTION ID [ ]

1. Year Applicable 1973-1989

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 15
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☒ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☒ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

**SHEET 7**  
**LTPP TRAFFIC DATA**  
**VEHICLE CLASSIFICATION**  
**CONVERSION CHART**

\*STATE ASSIGNED ID [ \_\_\_\_\_ ]  
 \*STATE CODE [06]  
 \*SHRP SECTION ID [ALL]

**FOR 4-BIN, 6-BIN, OR OTHER CLASSIFICATION SYSTEMS NOT MATCHING FHWA 13-BIN SCHEME.**

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13 BINS. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS.  
 APPLICABLE PERIOD \*FROM: 01/01/1990 \*TO: 12/31/2010

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
*A	100	---	---	---	---	---	---	---	---	---	---	---	100
*B	100	---	---	---	---	---	---	---	---	---	---	---	100
C	100	---	---	---	---	---	---	---	---	---	---	---	100
D	---	100	---	---	---	---	---	---	---	---	---	---	100
E	---	---	100	---	---	---	---	---	---	---	---	---	100
F	---	---	---	100	---	---	---	---	---	---	---	---	100
G	---	---	---	---	100	---	---	---	---	---	---	---	100
H	---	---	---	---	---	100	---	---	---	---	---	---	100
I	---	---	---	---	---	---	100	---	---	---	---	---	100
J	---	---	---	---	---	---	---	100	---	---	---	---	100
K	---	---	---	---	---	---	---	---	100	---	---	---	100
L	---	---	---	---	---	---	---	---	---	100	---	---	100
M	---	---	---	---	---	---	---	---	---	---	100	---	100
N	---	---	---	---	---	---	100	---	---	---	---	---	---
O	---	---	---	---	---	---	---	---	---	---	---	100	100
P	---	---	---	---	---	---	---	---	---	---	---	---	---
Q	---	---	---	---	---	---	---	---	---	---	---	---	---
R	---	---	---	---	---	---	---	---	---	---	---	---	---
S	---	---	---	---	---	---	---	---	---	---	---	---	---
T	---	---	---	---	---	---	---	---	---	---	---	---	---

NAME OF PREPARER Joe Avis

PHONE# \_\_\_\_\_

DATE PREPARED 12/15/04

rev. March 12, 2001

weight