

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE – NO SITE COUNT	STATE ASSIGNED ID [<u>5907</u>]
	STATE CODE [<u>46</u>]
	SHRP SECTION ID [<u>5025</u>]

1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S / YR GPS LANE (1000's)
<u>2000</u>	<u>6180</u>	<u>1662</u>	<u>2781</u>	<u>748</u>	<u>71.8</u>

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☐ Growth factored last year's estimate.
☒ Estimate based on volume counts at nearby locations.
☐ Used computerized network analysis.
☐ Other _____

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.
☒ Used count data from nearby sites.
☐ Used count data from previous years at GPS site.
☐ Used system averages from previous year counts.
☐ Used computerized network analysis.
☐ Other _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- ☐ System distribution factors.
☒ Other Estimation 90/10

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT

- ☐ System distribution factors.
☒ Other Estimation 90/10

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

- ☒ ESAL/Truck factor.
☐ ESAL/vehicle class factors – Number of classes
☐ Other _____

7. ESAL ESTIMATES – SOURCE OF DATA

- ☐ Prior years data collected at GPS site.
☐ Current year system average.
☒ Prior year system average.
☐ Historical W-4 tables.
☐ Other _____

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
☐ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☒ Other N/A

NAME OF PREPARER
DATE PREPARED

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12/27/2001

SHEET 10
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT

STATE ASSIGNED ID [0907]
STATE CODE [46]
SHRP SECTION ID [5025]

1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCKS AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S/YR GPS LANE (1000's)
1995	4640	1364	2088	612	37.0
1996	5420	1593	2439	715	43.2
1997	5630	1436	2412	615	64.2
1998	5640	1534	2538	690	67.6
1999	5760	1549	2592	697	67.0
2000	6180	1662	2781	748	71.8

2. METHODS FOR ESTIMATING TOTAL
VEHICLE AADT (TWO-WAY).

- [] Growth factored last year's estimate.
[X] Estimated based on volume counts at
nearby locations.
[] Used computerized network analysis.
[] Other _____

3. METHOD FOR ESTIMATING TOTAL TRUCK
AADT (TWO-WAY).

- [] Used system average from counts taken
this year.
[X] Used count data from nearby sites.
[] Used count data from previous years at
GPS site.
[] Used system average from previous years
count.
[] Used computerized network analysis.
[] Other _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES
GPS LANE AADT.

- [] System distribution factors.
[X] Other Estimation 90/10

5. METHOD FOR ESTIMATING TOTAL TRUCKS,
GPS LANE, AADT.

- [] System distribution factors.
[X] Other Estimation 90/10

6. METHOD FOR ESTIMATING ESAL/YEAR IN
GPS LANE.

- [X] ESAL/Truck factor.
[] ESAL/vehicle class
[] System distribution factors - ____ # of classes.
[] Other _____

7. ESAL ESTIMATES - SOURCE OF DATA.

- [] Prior years data collected at GPS site.
[] Current year system average.
[X] Prior year system average.
[] Historical W-4 tables.
[] Other _____

8. WEIGHT SCALE TYPE.

- [] WIM scale.
[] Static scale used for enforcement.
[] Static scale not used for enforcement.
[X] Other SD Bridge Weigh System

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