

SHEET 10  
LTPP TRAFFIC DATA  
TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE-NO SITE COUNT

STATE ASSIGNED ID [ 0906 ]  
STATE CODE [ 46 ]  
SHRP SECTION ID [ 9187 ]

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)
1991	636	83	318	42	3.1

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

- ☐ Growth factored last year's estimate.  
☒ 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.  
☒ 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.  
☒ Other Estimation 50/50 \_\_\_\_\_

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

- ☐ Sytem distribution factors.  
☒ Other Estimation 50/50 \_\_\_\_\_

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

- ☒ ESAL/Truck factor.  
☐ ESAL/vehicle class  
☐ Sytem distribution factors - \_\_\_\_ # 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 SD Bridge Weigh System \_\_\_\_\_

NAME OF PREPARER Rocky W. Hook  
DATE PREPARED 11/7/95

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**SHEET 10**  
**LTPP TRAFFIC DATA**  
**TRAFFIC VOLUME AND LOAD**  
**ESTIMATE UPDATE - NO SITE COUNT**

\*STATE ASSIGNED ID [ N/A ]\*STATE CODE [ 46 ]\*SHRP SECTION ID [ 9187 ]**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>1991</u>	<u>636</u>	<u>83</u>	<u>318</u>	<u>42</u>	<u>3.1</u>

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

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

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

- [ ] System distribution factors.  
 [ ☒ ] Other Flow map

**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 \_\_\_\_\_

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

- [ ] ESAL/Truck factor.  
 [ ] ESAL/vehicle class factors -  
     Number of classes  
 [ ☒ ] Other Semaphore

**4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT**

- [ ] System distribution factors.  
 [ ☒ ] Other Est 50/c

**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 \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_

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

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