

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)
1995	<u>471</u>	<u>62</u>	<u>236</u>	<u>31</u>	<u>2.1</u>
1996	<u>433</u>	<u>57</u>	<u>217</u>	<u>28</u>	<u>1.9</u>
1997	<u>473</u>	<u>105</u>	<u>237</u>	<u>52</u>	<u>3.5</u>
1998	<u>525</u>	<u>104</u>	<u>263</u>	<u>52</u>	<u>3.8</u>
1999	<u>515</u>	<u>102</u>	<u>258</u>	<u>51</u>	<u>3.1</u>
2000	<u>585</u>	<u>116</u>	<u>293</u>	<u>58</u>	<u>3.5</u>

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

- 3 [] 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).

- 3 [] 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.

- 3 [] System distribution factors.
[X] Other Estimation 50/50

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

- 3 [] System distribution factors.
[X] Other Estimation 50/50

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

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

7. ESAL ESTIMATES - SOURCE OF DATA.

- 4 [] 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.

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

NAME OF PREPARER Kenneth E. Marks
DATE PREPARED 02/02/2001

PHONE # (605) 773-3336