

SHEET 10
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT

STATE ASSIGNED ID [0914]
STATE CODE [46]
SHRP SECTION ID ~~1000~~

A410

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)
1992	<u>3214</u>	<u>289</u>	<u>1446</u>	<u>130</u>	<u>11.7</u>

2. METHOD 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 averages from previous years counts.
[] 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 factor-
Number 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 Weight System

NAME OF PREPARER Rocky W. Hook

DATE PREPARED 7-11-94

PHONE # (605) 773-3336

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID [0914] STATE CODE [46] SHRP SECTION ID [6600] ✓
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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)
1992	<u>3214</u>	<u>482</u> 289	<u>1446</u>	<u>217</u> 130	<u>24</u> 11.9

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 Estimation 90/10

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.
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6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.
☒ ESAL/Truck factor.
☐ ESAL/vehicle class factor-
 Number of classes.
☐ Other _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT.
☐ System distribution factors.
☒ Other Estimation 90/10

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 Weight System

NAME OF PREPARER <u>Rocky W. Hook</u>	PHONE # <u>(605) 773-3336</u>
DATE PREPARED <u>7-11-94</u>	

ENTERED APR 08 2000

**North Central Region of FHWA-LTPP
Traffic Data Collection Equipment Installation And Change Log**

State Code	SHRP Id	Location	Install Date	Brand Name	Model	Serial No. Control Unit	GPS Sensor Type	Software Brand/Version	Loops	Equipment Change	Date of Change
46	3009										
46	3010										
46	3012	E of Sturgis, near Tilford	09/19/91	PAT	DAW200	"N/A"	Bend plate				
46	3012	E of Sturgis, near Tilford		PAT	DAW100	"N/A"	Bend plate				07/31/92
46	3013										
46	3052										
46	3053										
46	5020										
46	5025										
46	5040										
46	6600										
46	7049										
46	9106										
46	9187										
46	9197										
46	SPS6	E of Groton (mp. Approx. 307)		IRD	DD 200		Bend plate				07/22/92