

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

\*STATE ASSIGNED ID [3901]  
 \*STATE CODE [46]  
 \*SHRP SECTION ID [3012]

**1. ANNUAL TRAFFIC ESTIMATES**

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)
1991	10580	1481

ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S/YR GPS LANE (1000's)
4761	666	86.0

**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 maps

**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 Summation

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

- ☐ System distribution factors.  
☒ Other Estimate 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 \_\_\_\_\_

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

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

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

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ 3 9 0 1 ]
	*STATE CODE [ 4 6 ]
	*SHRP SECTION ID [ 3 0 1 2 ]

HIGHWAY RT. NO. (THIS SESSION) I-90

MILEPOST NO. OR LOCATION (THIS SESSION) MRM 43.42

FILENAME W463012 .LE1 DISK/TAPE ID SD

BEGINNING DATE 10/15/91 BEGINNING TIME ?

ENDING DATE 12/8/91 ENDING TIME ?

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [X] MONTHS

WEIGHT SCALE TYPE: PORT. WIM \_\_\_\_\_ PERM. WIM X OTHER \_\_\_\_\_

EQUIPMENT MAKE/MODEL# PAT DAW200

SENSOR TYPE Bending Plate

COMMENTS Our equipment has been vandalized and is out of commission.  
We will send data on a monthly basis when repair is completed.

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FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Evelyn M. Putzier</u>	PHONE # <u>605/773-3335</u>
DATE PREPARED <u>March 5, 1992</u>	

<p style="text-align: center;">SHEET 14 LTPP TRAFFIC DATA</p> <p>LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM</p>	<p style="text-align: right;">STATE ASSIGNED ID <u>3901</u> STATE CODE <u>46</u> SHRP SECTION ID <u>3012</u></p>
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LOCATION E. of Sturgis near Tilford TYPE EQUIP. PAT Bending Plate

MILEPOST NO. MRM 43.42 MODEL # DAW 100

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE	NEW EQUIP. SERIAL#
9-19-91		Installation of DAW 200	PAT Rep Leggett, Dan Strand & Blair Lunde	(605) 787-6205	NA
7-31-92		Change to DAW 100	PAT Rep Gassner & Dan Strand		NA
04/18/1997	11:00	Update EPROM to version 8.65 which will compensate for temperature	Daniel S.		
04/21/1997		Set up auto calibration desired weights and ranges	Dale Engelman		
06/05/2001	2:30 PM	The calibration process was performed at this site in the month of June. The sensitivity values in Mode 0 were changed for lanes 1 & 2.	Darin Charlson Dan Strand	(605) 773-5026 (605) 773-3871	
08/28/2002		The calibration process was performed at this site in the month of June.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
08/07/2003		The calibration process was performed at this site in the month of June.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	

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5/14/2003		Replaced load frame for dummy plate in the east bound driving lane.	Jon Becker Daris Ormesher	(605)773-6242 (605)773-6234	
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