

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID [] STATE CODE [46] SHRP SECTION ID [3052] ✓
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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	1390	317	695	158	9.5
1996	1425	325	713	163	9.7
1997	1500	294	750	147	9.4
1998	1605	255	803	128	10
1999	1665	305	833	152	13.3
2000	1550	245	775	122	9.2
2001	1615	255	808	128	13.0
2007	1410	190	705	95	18.5

2. METHODS FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY).
- [] Growth factored last year's estimate.
- 3 [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.
- 3 [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.
- 3 [X] Other Estimation50/50 _____

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.
- [] System distribution factors.
- 3 [X] Other Estimation50/50 _____

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.
- 4 [X] Prior year system average.
- [] Historical W-4 tables.
- [] Other _____

8. WEIGHT SCALE TYPE.
- [X] WIM scale.
- [] Static scale used for enforcement.
- [] Static scale not used for enforcement.
- [] Other _____

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 DATE PREPARED 02/08/2008

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Year 2007

SHEET 14 LTPP TRAFFIC DATA LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM	STATE ASSIGNED ID <u>3909</u> STATE CODE <u>46</u> SHRP SECTION ID <u>3052</u>
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LOCATION West of Manchester TYPE EQUIP. PAT Bending Plate
 MILEPOST NO. MRM 376 MODEL # DAW100

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE	NEW EQUIP. SERIAL#
10/01/1996		Installation of DAW100 BP		(605) 546-0215	
01/08/1997		Turn Auto Calibration OFF Due To Low Traffic volumes resulting in gross calibration adjustments	Daniel Strand & Dale Engelman		
05/07/1997	11:00	Update EPROM to version 8.65 which will compensate for temperature	Daniel S. & Daris O.		
07/02/2001		Removed WIM operating system from cabinet. The system was taken offline.	Dan Strand Jon Becker	(605) 773-3871 (605) 773-6242	
09/10/2001	A.M.	The operating system was reinstalled, and it was put back online. The EB lane is not registering axles correctly.	Dan Strand	(605) 773-3871	
06/17/2002		The calibration process was performed at this site on Monday June 17th.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
05/30/2007	P.M.	Maintenance Check - Leading bending plate lane 1 (EB) is bad. Need to pull cable for all plates.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
08/07/2007		Replaced leading bending plate in the east bound direction.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
10/24/2007		Replaced the exit loop in the west bound direction.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	