

ENTERED FEB 23 2010 *PC*

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID	[0911]
	STATE CODE	[46]
	SHRP SECTION ID	[3009]

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	5860	1265	2637	569	70.2
1996	6290	1359	2831	611	75.4
1997	6420	1405	2889	632	76.9
1998	6580	1335	2961	600	78.9
1999	6830	1420	3074	639	79.4
2000	6840	1425	3078	640	79.5
2001	5950	1190	2678	536	68.7
2002	5960	1270	2682	571	68.8
2003	6430	1376	2894	620	73.5
2004	6610	1415	2975	637	78.3
2005	6770	1557	3047	701	80.2
2006	7410	1601	3335	721	87.8
2007	7310	1491	3290	671	88.7
2008	7410	1593	3335	717	88.9
2009	7220	1394	3249	627	86.6

2. METHODS 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 average from previous years count.
- [] 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
- [] System distribution factors - ____ # 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 NA - Classification site

NAME OF PREPARER Kenneth E. Marks
 DATE PREPARED 02/25/2010

PHONE # (605) 773-3336

SHEET 12
LTPP TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID [3911]
STATE CODE [46]
SHRP SECTION ID [3009]
EFFECTIVE DATE [05/15/09]

HIGHWAY RT. NO. Interstate 29 North Bound Driving Lane MILEPOST NO. MRM 175 + .390

LOCATION North of Watertown

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER # BINS 13

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT

AVC EQUIPMENT MAKE/MODEL NO. Diamond Unicorn Limited

SENSOR TYPE Road Tube

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM OTHER

EQUIPMENT MAKE/MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION: Field Tech manual observations and comparisons of live traffic stream vs counter recording

FREQUENCY OF CALIBRATION: Yearly

COMMENTS: Data from April 13 to 20, 2009

NAME OF PREPARER Kenneth E. Marks PHONE # (605) 773-3336
DATE PREPARED 05/15/2009