

ENTERED FEB 23 2010

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID	[0905]
	STATE CODE	[46]
	SHRP SECTION ID	[9106]

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	850	150	425	75	4.7
1996	824	145	412	73	4.5
1997	755	102	378	51	4.1
1998	680	110	340	55	4.2
1999	681	110	341	55	4.0
2000	620	85	310	42	3.7
2001	621	95	311	48	3.6
2002	680	114	340	57	3.9
2003	665	134	333	67	4.7
2004	612	152	306	76	4.4
2005	615	125	308	63	4.4
2006	570	102	285	51	4.0
2007	520	106	260	53	3.7
2008	460	41	230	20	1.7
2009	535	77	268	39	2.5

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 50/50

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.
- [] Sytem distribution factors.
- [X] Other Estimation 50/50

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.
- [X] ESAL/Truck factor.
- [] ESAL/vehicle class
- [] Sytem 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	[3905]
	STATE CODE	[46]
	SHRP SECTION ID	[9106]
	EFFECTIVE DATE	[05/15/09]

HIGHWAY RT. NO. SD 73 South Bound Lane MILEPOST NO. MRM 393 + .180

LOCATION South of Lemmon

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 <u>Kenneth E. Marks</u>	PHONE # <u>(605) 773-3336</u>
DATE PREPARED <u>05/15/2009</u>	