

ENTERED FEB 23 2010

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 ]

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	3640	681	1820	340	19.9
1996	3760	703	1880	352	20.6
1997	3988	582	1795	262	25.6
1998	4250	710	1913	320	31.8
1999	4890	806	2200	363	35.3
2000	5000	855	2250	385	36.1
2001	5300	875	2385	394	38.5
2002	4955	842	2230	379	25.6
2003	5220	793	2350	357	26.2
2004	4910	746	2210	336	24.5
2005	4920	787	2215	354	24.6
2006	4800	888	2160	400	24
2007	4600	994	2070	448	32.9
2008	4680	600	2106	270	28.1
2009	4470	679	2012	306	32.5

2. METHODS 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 \_\_\_\_\_
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 average from previous years count.  
☐ Used computerized network analysis.  
☐ Other \_\_\_\_\_
4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT.  
☐ System distribution factors.  
☒ Other Estimation 90/10
5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.  
☐ System distribution factors.  
☒ Other Estimation 90/10
6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.  
☒ 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.  
☒ 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 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	[ 3914 ]
	STATE CODE	[ 46 ]
	SHRP SECTION ID	[ 6600 ]
	EFFECTIVE DATE	[ 05/15/09 ]

HIGHWAY RT. NO. SD 50 East Bound Driving Lane MILEPOST NO. MRM 393 + .180

LOCATION East of Yankton

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 14 to 21, 2009

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