

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE – NO SITE COUNT	STATE ASSIGNED ID	[<u>3293</u>]
	STATE CODE	[<u>46</u>]
	SHRP SECTION ID	[<u>3010</u>]

1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S / YR GPS LANE (1000's)
<u>1999</u>	<u>3910</u>	<u>930</u>	<u>1760</u>	<u>418</u>	<u>45.4</u>

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☐ Growth factored last year's estimate.
☒ Estimate 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 averages from previous year counts.
☐ 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 factors – Number 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 _____

NAME OF PREPARER
DATE PREPARED

Kenneth E. Marks PHONE # (605) 773-3336
12/27/2001

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID [0910] STATE CODE [46] SHRP SECTION ID [3010]
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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	3650	909	1643	409	43.7
1996	3660	911	1647	410	43.9
1997	4010	1120	1805	504	48.1
1998	3890	984	1750	443	46.6
1999	3910	930	1760	418	45.4

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.
- [] Sytem distribution factors.
- [X] Other Estimation 90/10

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 <u>Rocky W. Hook</u> DATE PREPARED <u>04/12/1999</u>	PHONE # <u>(605) 773-3336</u>
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SHEET 14	STATE ASSIGNED ID	<u>3803</u>
LTPP TRAFFIC DATA	STATE CODE	<u>46</u>
LOG OF CHANGES AT GPS TEST	SHRP SECTION ID	<u>3010</u>
LOCATIONS WITH PERM. AVC OR WIM		

LOCATION	South of Sisseston	TYPE EQUIP.	PAT Bending Plate
MILEPOST NO.	MRM 229.96	MODEL #	DAW 190

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE	NEW EQUIP. SERIAL#
Sep-99		Installation of DAW190 BP		(605) 698-4421	
04/10/2001		Replace Eprom	Dan LeBlanc(Pat)		
06/19/2001	A.M.	Replace Eprom	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
05/01/2001		The calibration process was performed at this site in the month of May.	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
10/22/2001	P.M.	Replace Eprom - The system quit recording on Wednesday the 10th of October.	Dan Strand Jon Becker	(605) 773-3871 (605) 773-6242	
05/29/2003	P.M.	Replace Eprom	Darin Charlson Jon Becker	(605) 773-5026 (605) 7736242	

SHEET 14 LTPP TRAFFIC DATA LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM	STATE ASSIGNED ID <u>3803</u> STATE CODE <u>46</u> SHRP SECTION ID <u>3010</u>
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LOCATION South of Sisseston TYPE EQUIP. PAT Bending Plate
 MILEPOST NO. MRM 229.96 MODEL # DAW 190

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE	NEW EQUIP. SERIAL#
Sep-99		Installation of DAW190 BP		(605) 698-4421	
4/10/2001		Replace Eprom	Dan LeBlanc(Pat)		
6/19/2001	A.M.	Replace Eprom	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
5/1/2001		The calibration process was performed at this site in the month of May.	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
10/22/2001	P.M.	Replace Eprom - The system quit recording on Wednesday the 10th of October.	Dan Strand Jon Becker	(605) 773-3871 (605) 773-6242	
5/29/2003	P.M.	Replace Eprom	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
			Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
7/27/2004 7/28/2004		The calibration process was performed at this site in the month of July.	Jon Becker	(605) 773-5026 (605) 773-6242	

SHEET 14 LTPP TRAFFIC DATA LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM	STATE ASSIGNED ID <u>3803</u> STATE CODE <u>46</u> SHRP SECTION ID <u>3010</u>
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LOCATION South of Sisseston TYPE EQUIP. PAT Bending Plate
 MILEPOST NO. MRM 229.96 MODEL # DAW 190

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE	NEW EQUIP. SERIAL#
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04/10/2001		Replace Eprom	Dan LeBlanc(Pat)		
06/19/2001	A.M.	Replace Eprom	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
05/01/2001		The calibration process was performed at this site in the month of May.	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
10/22/2001	P.M.	Replace Eprom - The system quit recording on Wednesday the 10th of October.	Dan Strand Jon Becker	(605) 773-3871 (605) 773-6242	
05/29/2003	P.M.	Replace Eprom	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
07/27/2004 07/28/2004		The calibration process was performed at this site in the month of July.	Jon Becker	(605) 773-5026 (605) 773-6242	
01/17/2005		Problems with Bending Plates	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
02/22/2006	A.M.	Replace Eprom - avoid system locking up.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
07/25/2006		Replace the leading and trailing bending plates of the passing lane in the south bound direction.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
05/30/2007	A.M.	Maintenance check- replaced splices for trailing bending plate lane 2 NB & for the trailing bending plate lane 4 SB. The wpa and cpu should be replaced.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	

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LOCATION South of Sisseston TYPE EQUIP. PAT Bending Plate
 MILEPOST NO. MRM 229.96 MODEL # DAW 190

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE	NEW EQUIP. SERIAL#
Sep-99		Installation of DAW190 BP		(605) 698-4421	
04/10/2001		Replace Eprom	Dan LeBlanc(Pat)		
06/19/2001	A.M.	Replace Eprom	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
05/01/2001		The calibration process was performed at this site in the month of May.	Dan Strand Darin Charlson	(605) 773-3871 (605) 773-5026	
10/22/2001	P.M.	Replace Eprom - The system quit recording on Wednesday the 10th of October.	Dan Strand Jon Becker	(605) 773-3871 (605) 773-6242	
05/29/2003	P.M.	Replace Eprom	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
07/27/2004 07/28/2004		The calibration process was performed at this site in the month of July.	Jon Becker	(605) 773-5026 (605) 773-6242	
01/17/2005		Problems with Bending Plates	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
02/22/2006	AM	Replace Eprom - avoid system locking up.	Darin Charlson Jon Becker	(605) 773-5026 (605) 773-6242	
07/25/2006		Replace the leading and trailing bending plates of the passing lane in the south bound direction.	Darin Charlson Jon Becker	(605) 773-7458 (605) 773-8674	