

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID	[0904]	✓
	STATE CODE	[46]	
	SHRP SECTION ID	[3053]	

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)
1994	4520	280	2260	140	21.3

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	Rocky W. Hook	PHONE #	(605) 773-3336
DATE PREPARED	11/7/95		

SHEET 12 TRAFFIC DATA COLLECTION SITE	STATE ASSIGNED ID [3904] STATE CODE [46] SHRP SECTION ID [3053] EFFECTIVE DATE 11/1/1994
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HIGHWAY RT. NO. US16 EB MILEPOST NO. MRM 46.22

LOCATION East of Hill City

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT

AVC EQUIPMENT MAKE/MODEL NO. Traffic Comp III, Model 241

SENSOR TYPE Road Tube or Piezo

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM OTHER

EQUIPMENT MAKE/MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION: Calibration was perform based on visual observation.

FREQUENCY OF CALIBRATION:

COMMENTS: SDDOT will use a temporary automatic vehicle classification
system to conduct classifications near the site. We will try to conducted
seasonally.

NAME OF PREPARER <u>Rocky W. Hook</u> DATE PREPARED <u>11-21-94</u>	PHONE # <u>605-773-3336</u>
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SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID [3904]
STATE CODE [46]
SHRP SECTION ID [3053]
EFFECTIVE DATE 4/1/1994

HIGHWAY RT. NO. US16 EB MILEPOST NO. MRM 46.22

LOCATION East of Hill City

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT

AVC EQUIPMENT MAKE/MODEL NO. Traffic Comp III, Model 241

SENSOR TYPE Road Tube or Piezo

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM OTHER

EQUIPMENT MAKE/MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION: Calibration was perform based on visual observation.

FREQUENCY OF CALIBRATION:

COMMENTS: SDDOT will use a temporary automatic vehicle classification
system to conduct classifications near the site. This will be conducted
seasonally.

NAME OF PREPARER Rocky W. Hook PHONE # 605-773-3336
DATE PREPARED 04-08-94

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE South Dakota
STATE CODE [46]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS. SCHEME
<u>C463053.ID4</u>	<u>07/14/94</u>	<u></u>	<u></u>	<u></u>	<u>FHWA</u>
<u>C463053.LO4</u>	<u>10/25/94</u>	<u></u>	<u></u>	<u></u>	<u>FHWA</u>
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DATE PREPARED 11-21-94