

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID	[0908]
	STATE CODE	[46]
	SHRP SECTION ID	[9197]

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)
<u>1994</u>	<u>970</u>	<u>174</u>	<u>485</u>	<u>87</u>	<u>4.9</u>

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 SD Bridge Weigh System

NAME OF PREPARER Rocky W. Hook

DATE PREPARED 11/7/95

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SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID [3908]
STATE CODE [46]
SHRP SECTION ID [9197]
EFFECTIVE DATE 4/1/1994

HIGHWAY RT. NO. SD34 WB MILEPOST NO. MRM 315.88

LOCATION West of Wessington

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.

We have installed a permanent automatic vehicle classifications
system near the site but immediately had problems with the axle
sensor (piezo cable). When we resolve the sensor problem, we will begin
supplying continuous data.

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DATE PREPARED 04-08-94