

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID	[0909]
	STATE CODE	[46]
	SHRP SECTION ID	[3052]

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	1380	255	690	128	14 103

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 50/50

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.

- ☐ Sytem distribution factors.
☒ Other Estimation 50/50

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.

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

ENTERED APR 08 2009

SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID [3909]
STATE CODE [46]
SHRP SECTION ID [3052]
EFFECTIVE DATE 4/1/1994

HIGHWAY RT. NO. US14 EB MILEPOST NO. MRM 366.72

LOCATION East of Iroquois

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.

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