

SHEET 10
LTPP TRAFFIC DATA
TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE - NO SITE COUNT

*STATE ASSIGNED ID [3631]
*STATE CODE [37]
*SHRP SECTION ID [3011]

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) |
|---------------------|--|---|---|---|--|
| 22.3 <u>1991</u> | <u>23,900</u> | <u>5330</u> | <u>9560</u> | <u>2130</u> | <u>889</u> |

**2. METHOD 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 averages from previous year counts.
☐ Used computerized network analysis.
☐ Other _____

**4. METHOD FOR ESTIMATING TOTAL VEHICLES
GPS LANE AADT**

- ☐ System distribution factors.
☒ Other ASSUMED 50/50 DIRECTION
SPLIT AND 0.8 LANE FACTOR

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

- ☐ System distribution factors.
☒ Other ASSUMED 50/50 DIRECTION
SPLIT AND 0.8 LANE FACTOR

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

- ☐ ESAL/Truck factor.
☒ ESAL/vehicle class factors -
Number of classes 5
☐ 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 _____ PHONE # _____
DATE PREPARED _____

SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID 3631
STATE CODE 37
SHRP SECTION ID 3011
EFFECTIVE DATE 4/10/91

HIGHWAY RT. NO. I-95 MILEPOST NO. 129.0

LOCATION West of Rocky Mount

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. PAT EQUIPMENT CORP INC / C 100 S

SENSOR TYPE PIEZO ELECTRIC

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM X OTHER

EQUIPMENT MAKE / MODEL NO. PAT EQUIPMENT CORP. INC. / DAW 100

SENSOR TYPE PIEZO ELECTRIC

METHOD OF CALIBRATION: SELF CALIBRATION FACTOR ADJUSTED ON CLASS 9'S

FREQUENCY OF CALIBRATION: HOURLY

COMMENTS: AUTOMATIC CALIBRATION CAPABILITES

NAME OF PREPARER GREG BENNETT PHONE NO. (919) 250-4094
DATE PREPARED 26 May 93

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID **[3631]**

STATE CODE **[37]**

SHRP SECTION ID **[3011]**

LOCATION West of Rocky Mount

DATE OF INSTALLATION 4 Oct 91

| | TYPE | BRAND NAME | SERIAL NUMBER |
|--|-------------------------------|--------------------------|---------------|
| Control Unit(s) and peripheral equipment | | | |
| Control Unit | C 100 S | Pat Equipment Corp. Inc. | 910088 |
| Interface | | | |
| Modem | | | |
| Loop Amplifiers | | | |
| Other _____ | | | |
| Sensor(s) / Platform(s) | | | |
| GPS Lane Sensor | Piezo Electric Class 1 Sensor | Philips Electronics Inc. | N/A |
| Sensor Next Adjacent Lane (1) | Piezo Electric Class 2 Sensor | Philips Electronics Inc. | N/A |
| Sensor Next Adjacent Lane (2) | | | |
| Sensor Next Adjacent Lane (3) | | | |
| Diagonal Sensor | | | |
| Offscale Sensor | | | |
| Right Platform | | | |
| Left Platform | | | |
| Other _____ | | | |
| Software | | | |
| Complete Package | | | |
| Axle Spacing Algorithm Only | | | |
| Other _____ | | | |
| Loops | | | |
| Upstream - Lane 1 | Induction Loops | N/A | N/A |
| Downstream - Lane 1 | Induction Loops | N/A | N/A |
| Upstream - Other Lanes | Induction Loops | N/A | N/A |
| Downstream - Other Lanes | Induction Loops | N/A | N/A |