

SHEET 10
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE - NO SITE COUNT

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1803]

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) |
|------|--|---|---|---|--|
| 1997 | 14326 | 102 702 | 5237 | 38 283 | 72 |

**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 ESTIMATIONG TOTAL
VEHICLES GPS LANE AADT**

- ☒ System distribution factors.
☐ Other _____

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

- ☐ System distribution factors.
☒ Other Used counts from nearby site.

**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 Used counts from nearby site.

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
☐ Static scales used for enforcement.
☐ Static scale not used for enforcement.
☒ Other None.

NAME OF PREPARER Michael H. Ashbrook

PHONE # 919-733-4796

DATE PREPARED 12/5/97

ENTERED JUN 05 2009

SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID []
STATE CODE [37]
SHRP SECTION ID [1803]
EFFECTIVE DATE 10 / 30 / 97

HIGHWAY RT. NO. US 74 - 441 MILEPOST NO. _____

LOCATION .2 Miles East of SR 1391 _____

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____ #BINS _____

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE _____ PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. PAT Equipment Corp. Inc. / C100S _____

SENSOR TYPE Piezo Electric and Inductive loops. _____

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

EQUIPMENT MAKE / MODEL NO. _____

SENSOR TYPE _____

METHOD OF CALIBRATION: _____

FREQUENCY OF CALIBRATION: Yearly. _____

COMMENTS: Classification site only - No WIM data. _____

NAME OF PREPARER Michael H. Ashbrook PHONE NO. 919-733-4796
DATE PREPARED 10/30/97 _____

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LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

*STATE ASSIGNED ID []

*STATE CODE [37]

*SHRP SECTION ID [1803]

LOCATION US 74-441 .2 MILES EAST OF SR 1391

DATE OF INSTALLATION 7/14/97

| | TYPE | BRAND NAME | SERIAL NUMBER |
|--|---|-------------------|------------------|
| Control Unit(s) and Peripheral Equipment | | | |
| Control Unit | ADR-3000 | PEEK TRAFFIC INC. | 0300009601180023 |
| Interface | | | |
| Modem | FB 1414VQP | INFOTEL | |
| Loop Amplifiers | SL58P | PEEK TRAFFIC INC. | |
| Other <i>WIM</i> | SW58P | PEEK TRAFFIC INC. | |
| Sensor(s) / Platform(s) | | | |
| GPS Lane Sensor | PIEZO CABLE | AMP | |
| Sensor Next Adjacent Lane (1) | PIEZO CABLE | AMP | |
| Sensor Next Adjacent Lane (2) | | | |
| Sensor Next Adjacent Lane (3) | | | |
| Diagonal Sensor | | | |
| Offscale Sensor | | | |
| Right Platform | | | |
| Left Platform | | | |
| Other: | | | |
| Software | | | |
| Complete Package | TDP VER 3.01, AWACS VER 1.47, TMG VER 3.30C | PEEK TRAFFIC INC. | |
| Axle Spacing Algorithm Only | | | |
| Other | | | |
| Loops | | | |
| Upstream - Lane 1 | 6' X 6' 4 TURN INDUCTIVE LOOP | | |
| Downstream - Lane 1 | | | |
| Upstream - Other Lanes | 6' X 6' 4 TURN INDUCTIVE LOOP | | |
| Downstream - Other Lanes | | | |