

**SHEET 10**  
**LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD**  
**ESTIMATE UPDATE - NO SITE COUNT**

\*STATE ASSIGNED ID [ ]

\*STATE CODE [ 37 ]

\*SHRP SECTION ID [ 1006 ]

ENTERED MAR 25 1999

**1. ANNUAL TRAFFIC ESTIMATES**

| YEAR | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>GPS LANE | ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>GPS LANE | ESTIMATED<br>ESAL'S / YR<br>GPS LANE<br>(1000's) |
|------|--|---|---|---|--|
| 1994 | 63,300   | 7,700   | 19,654  | 2,282   | 552  |

**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.  
[X] Other. Used counts from site.

**3. METHOD FOR ESTIMATING TOTAL  
TRUCK AADT (TWO-WAY)**

- [X] 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**

- [X] System distribution factors.  
[ ] Other \_\_\_\_\_

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

- [X] System distribution factors.  
[ ] Other \_\_\_\_\_

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

- [X] 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.  
[X] Other Used counts from site.

**8. WEIGHT SCALE TYPE**

- [ ] WIM Scale.  
[ ] Static scales used for enforcement.  
[ ] Static scale not used for enforcement.  
[X] Other None.

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DATE PREPARED 2/1/99

**SHEET 14  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [1210]

STATE CODE [22]

SHRP SECTION ID [1006]

LOCATION EAST of Cam

DATE OF INSTALLATION Dec 1 1994

|  | TYPE                   | BRAND NAME              | SERIAL NUMBER |
|--|------------------------|-------------------------|---------------|
| Control Unit(s) and peripheral equipment |                        |                         |               |
| Control Unit                             | PAWS 100               | Pat. Equipment Corp INC | N/A           |
| Interface                                |                        |                         | reusing       |
| Modem                                    |                        |                         | PAWS          |
| Loop Amplifiers                          |                        |                         |               |
| Other _____                              |                        |                         |               |
| Sensor(s) / Platform(s)                  |                        |                         |               |
| GPS Lane Sensor                          | Pireo Electric Class 2 | Pat. Equipment Corp INC | N/A           |
| Sensor Next Adjacent Lane (1)            | Pireo Electric Class 2 | Pat. Equipment Corp 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        |                         |               |
| Downstream - Lane 1                      |                        |                         |               |
| Upstream - Other Lanes                   |                        | N/A                     | N/A           |
| Downstream - Other Lanes                 |                        |                         |               |

**SHEET 14  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [1910]

STATE CODE [37]

SHRP SECTION ID [1006]

LOCATION East of Cary

DATE OF INSTALLATION Dec 1 1994

|  | TYPE                  | BRAND NAME             | SERIAL NUMBER |
|--|-----------------------|------------------------|---------------|
| Control Unit(s) and peripheral equipment |                       |                        |               |
| Control Unit                             | C1005                 | Pat Equipment Corp INC | 910105        |
| Interface                                |                       |                        |               |
| Modem                                    |                       |                        |               |
| Loop Amplifiers                          |                       |                        |               |
| Other _____                              |                       |                        |               |
| Sensor(s) / Platform(s)                  |                       |                        |               |
| GPS Lane Sensor                          | Pico Electric Class 1 | Pat Equipment Corp INC | N/A           |
| Sensor Next Adjacent Lane (1)            | Pico Electric Class 2 | Pat Equipment Corp 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       |                        |               |
| Downstream - Lane 1                      |                       |                        |               |
| Upstream - Other Lanes                   |                       | N/A                    | N/A           |
| Downstream - Other Lanes                 |                       |                        |               |

LOCATION EAST OF CARY

## LTPP TRAFFIC DATA

MP = 291.30

\*SHRP SECTION ID [1006 \_ ]

TYPE EQUIP. PAT EQUIPMENT CORP.

MODEL #

[illegible]