

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [<u>1910</u>] *STATE CODE [<u>37</u>] *SHRP SECTION ID [<u>1006</u>]
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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)
18.1 <u>1991</u>	<u>53,900</u>	2760 <u>6576</u>	<u>21560</u>	3900 <u>2501</u>	1076 <u>639</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 _____

ENTERED JUN 05 2009

FEB 26 2009

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

12.18.15

SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID 1 9 1 0
STATE CODE 3 7
SHRP SECTION ID 1 0 0 6
EFFECTIVE DATE 3 10 Oct 1991

HIGHWAY RT. NO. I-40 MILEPOST NO. 291.30

LOCATION East of Cary

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 [1910]

STATE CODE [37]

SHRP SECTION ID [1006]

LOCATION East of Cary

DATE OF INSTALLATION 3 Oct 91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	C 100 S	Pat Equipment Corp. Inc.	910105
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