

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

*STATE ASSIGNED ID [3220]
 *STATE CODE [37]
 *SHRP SECTION ID [3008]

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)
10.2 <u>1991</u>	<u>14,100</u>	<u>1470</u>	<u>5640</u>	<u>587</u>	<u>161</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 _____

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

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

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 _____

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

- ☐ ESAL/Truck factor.
☒ ESAL/vehicle class factors -
 Number of classes 5
☐ Other _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

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

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 3220
STATE CODE 37
SHRP SECTION ID 3008
EFFECTIVE DATE 24 Sept 1991

HIGHWAY RT. NO. US 74 MILEPOST NO. 22.92

LOCATION Kings Mountain

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

12.18.15

SHEET 14
LTPP TRAFFIC DATA

STATE ASSIGNED ID [3220]
STATE CODE [32]
SHRP SECTION ID [3008]

EQUIPMENT INSTALLATION LOG

LOCATION Kings Mountain DATE OF INSTALLATION 24 Sept 91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	C 100 S	Pat Equipment Corp. Inc.	910075
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

SHEET 14
LTPP TRAFFIC DATA

STATE ASSIGNED ID [2596]

STATE CODE [27]

EQUIPMENT INSTALLATION LOG

SHRP SECTION ID [2025]

LOCATION Arrowood Blvd Charlotte DATE OF INSTALLATION 25 Sept 91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	C 100 S	Pat Equipment Corp. Inc.	910083
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