

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE - NO SITE COUNT</b>	*STATE ASSIGNED ID [ <u>2180</u> ] *STATE CODE [ <u>37</u> ] *SHRP SECTION ID [ <u>2824</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)
13.8 <u>1991</u>	<u>6147</u>	<del>850</del> <u>1108</u>	<del>3460</del> <u>3070</u>	<del>340</del> <del>424</del> <u>571</u>	<del>115</del> <u>146</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

**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 - 5  
 Number of classes  
☐ Other \_\_\_\_\_

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

- ☐ System distribution factors.  
☒ Other ASSUMED 50/50 DIRECTION SPLIT

**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

SCANNED  
FEB 06 2009

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID 2180  
STATE CODE 37  
SHRP SECTION ID 2824  
EFFECTIVE DATE 18 Oct 1991

HIGHWAY RT. NO. US 421 MILEPOST NO. 1.10

LOCATION East of Siler City

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 **[2180]**

STATE CODE **[37]**

SHRP SECTION ID **[2024]**

LOCATION East of Siler City

DATE OF INSTALLATION 18 Oct 91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	C 100 S	Pat Equipment Corp. Inc.	910086
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