

## LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE - NO SITE COUNT

\*STATE ASSIGNED ID [3801]

\*STATE CODE [55]

\*SHRP SECTION ID [3012]

3012

## 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)
1990	2150	159	1075	80	25.9

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 50/50 split on 2 lane road

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

- ☐ System distribution factors.

☒ Other see 43

6. METHOD FOR ESTIMATING ESAL/YEAR  
IN GPS LANE

- ☒ ESAL/Truck factor. classes 4-13

- ☐ 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 \_\_\_\_\_

## 8. WEIGHT SCALE TYPE

- ☒ WIM Scale.

- ☐ Static scale used for enforcement.

- ☐ Static scale not used for enforcement.

- ☐ Other \_\_\_\_\_

NAME OF PREPARER John WilliamsonPHONE # (608) 267-2939DATE PREPARED 8-17-92

**SHEET 14  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [3601]

STATE CODE [55]

SHRP SECTION ID [3012]

Notes

129 LOCATION 0.3 mile West of CTH E DATE OF INSTALLATION 9/12/90

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	AUC	Streeter-Richardson TC3	T34
Interface			
Modem	1200 baud	UDS 212 AP	#263
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor WB	Piezo-Electric <del>film</del>	Penwalt	DP06-03002
Sensor Next Adjacent Lane (1) EB	" 8' film	"	DP06-03007
Sensor Next Adjacent Lane (2)	—		
Sensor Next Adjacent Lane (3)	—		
Diagonal Sensor	—		
Offscale Sensor	—		
Right Platform	—		
Left Platform	—		
Other _____	—		
Software			
Complete Package		SR 261 Version 3.6	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	6'x6' 12AWG wire in	PVC Conduit	
Downstream - Lane 1	"		
Upstream - Other Lanes	"		
Downstream - Other Lanes	"		

### North Central Region of FHWA-LTPP Traffic Data Collection Equipment Installation And Change Log

State Code	SIIRP Id	Location	Install Date	Brand Name	Model	Serial No. Control Unit	GPS Sensor Type	Software Brand/Version	Loops	Equipment Change	Date of Change
55		0.9 MI. N/O ST 84	08/22/90	SR		T57	Piezo 8'film	Streeter 261/3.6	6'x 6'		
55		0.9 MI. N/O ST 84				T93				TC3	11/29/90
55		0.9 MI. N/O ST 84				T117				TC3	07/15/91
55		0.9 MI. N/O ST 84								modem	07/15/91
55		0.9 MI. N/O ST 84				T17				TC3	03/25/92
55		0.9 MI. N/O ST 84				T120				TC3	06/09/92
55		0.9 MI. N/O ST 84				T33				TC3	09/15/92
55		0.7 MI. E/O ST 32	08/29/90	SR		T60	Piezo 8' film	Streeter 261/3.6	6x6'12AWG/cond		
55		0.7 MI. E/O ST 32				T86				TC3	11/29/90
55		0.7 MI. E/O ST 32				T20				TC3	08/05/91
55		0.7 MI. E/O ST 32					Piezo cables			piezo cables	06/26/91
55		0.7 MI. E/O ST 32				T57				TC3	03/25/92
55		0.7 MI. E/O ST 32	08/29/90	SR		T60	Piezo 8' film	Streeter 261/3.6	6x6'12AWG/cond		
55		0.7 MI. E/O ST 32								TC3	11/29/90
55		0.7 MI. E/O ST 32								piezos	06/26/91
55		0.7 MI. E/O ST 32								TC3	08/05/91
55		0.7 MI. E/O ST 32								TC3	03/25/92
55	3012	0.3 MI. W/O CTH E	09/12/90	SR		T34	Piezo 8' film	Streeter 261/3.6	6x6'12AWG/cond		
55	3012	0.3 MI. W/O CTH E								piezos	06/13/91
55	3012	0.3 MI. W/O CTH E				T44				TC3	02/19/92
55	3012	0.3 MI. W/O CTH E								modem	07/20/92
55	3014	0.6 MI. N/O CTH X	11/08/89	SR		T30	Piezo 6' film	Streeter 261/3.6	6x6'12AWG/cond		
55	3014	0.6 MI. N/O CTH X				T99				piezos & TC3	07/08/91
55	3014	0.6 MI. N/O CTH X				T124				piezos & TC3	07/15/91
55	3014	0.6 MI. N/O CTH X				T21				piezos & TC3	08/05/91
55	3014	0.6 MI. N/O CTH X				T110				piezos & TC3	10/30/91
55	3014	0.6 MI. N/O CTH X				T11				piezos & TC3	03/12/92
55	3015	0.3 MI. S/O CTH D	10/23/89	SR		T14	Piezo 6' film	Streeter 261/3.6	6x6'12AWG/cond		
55	3015	0.3 MI. S/O CTH D				3006				piezos (SB lane)	08/15/90
55	3015	0.3 MI. S/O CTH D				T53				TC3/install modem	08/16/90