

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

\*STATE ASSIGNED ID [0074]  
\*STATE CODE [17]  
\*SHRP SECTION ID [5423]

**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)
1991	16,600	3,666	7,470	1,650	814

**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 1991 RAMP BALANCING ANALYSIS

**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 \_\_\_\_\_

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

- ☒ System distribution factors.  
☐ Other \_\_\_\_\_

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

- ☐ ESAL/Truck factor.  
☒ ESAL/vehicle class factors -  
Number of classes 3  
☐ 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 BY USE OF ESAL/VEHICLE  
AND YEARLY TRAFFIC DATA

**8. WEIGHT SCALE TYPE**

- ☐ WIM Scale.  
☒ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other \_\_\_\_\_

NAME OF PREPARER RAY L. RAMBO PHONE # 217/785-2999  
DATE PREPARED 7-7-92

**SHEET 14  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [0008]

STATE CODE [17]

SHRP SECTION ID [5423]

LOCATION I-74 4 MI WEST OF I-55

DATE OF INSTALLATION May, 1991

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	GK 6000 Awacs Classifier	GK Instrument Ltd.	9101-1118
Interface			
Modem	Model 212A LP	Universal Data Sys.	072134
Loop Amplifiers			
Other DATA MODULE	GK 4 MEG STORAGE	GK INSTRUMENT LTD	19456
Sensor(s) / Platform(s)			
GPS Lane Sensor	Type I Peizo (Element)	Peek Traffic Inc.	None
Sensor Next Adjacent Lane (1)			
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor	Type II Peizo (Film)	Peek Traffic Inc.	None
Right Platform			
Left Platform			
Other TEMP PROBE	ANALOG DEVICE	GK INSTRUMENT LTD	NONE
Software			
Complete Package	Telemetry	Cordon ver. 2.00	1161
Axle Spacing Algorithm Only			
Other Report Program	Data Link	Awacs ver. 1.23	00001037
Loops			
Between Peizo Bars	Standard Count		NONE
Lane 1	Loop 6' X 8'		