

**SHEET 10**  
**LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD**  
**ESTIMATE UPDATE - NO SITE COUNT**

STATE ASSIGNED ID [ ]

STATE CODE [ 19 ]

SHRP SECTION ID [ 3055 ]

1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCKS AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLE AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESALs / YR GPS LANE (1000's)
<b>1994</b>	<b>4270</b>	<b>1106</b>	<b>1920</b>	<b>569</b>	<b>287</b>

2. METHOD FOR ESTIMATING TOTAL VEHICLE  
AADT (TWO-WAY)

- ☒ Growth factored last year's estimates.  
☐ 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 average from previous year counts.  
☐ Used computerized network analysis.  
☒ Other **Growth factored  
last year's estimates.**

4. METHOD FOR ESTIMATING TOTAL VEHICLES  
GPS LANE AADT

- ☐ System distribution factors.  
☒ Other **Distribution factor from  
nearby ATR.**

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

- ☐ System distribution factors.  
☒ Other **Distribution factor from  
nearby ATR.**

6. METHOD FOR ESTIMATING ESAL/YEAR  
IN GPS LANE

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

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS sites  
☐ Current year system average.  
☐ Prior year system average.  
☒ Historical W-4 tables.  
☐ Other

8. WEIGHT SCALE DATA

- ☐ WIM Scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☒ Other **Static scales used for  
enforcement.**

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

State Code	SHRP Id	Location	Install Date	Brand Name	Model	Serial No. Control Unit	GPS Sensor Type	Software Brand/Version	Loops	Equipment Change	Date of Change
19	1044	30 MI W Waterloo 0.2 MI W ST 187	07/02/91	GK	6701	9106-1136	Vibracoax-wt.	Cordon VISA/AWACS			
19	3006	26 MI NE Quad cities 6.3 MI E US 61	07/16/91	GK	6701	9106-1140	Vibracoax-wt.	Cordon VISA/AWACS			
19	3009	Near Cedar Rapids 0.1 MI S US 151		GK	6701						
19	3028	Near Iowa City 1.8 MI S I-80	07/24/91	GK	6701	9106-1138	Vibracoax-wt.	Cordon VISA/AWACS			
19	3033	Near Iowa City 6.6 MI S I-80	07/23/91	GK	6701	9106-1139	Vibracoax-wt.	Cordon VISA/AWACS			
19	3055	Near Webster City - 4.5 MI W OF I-35	06/04/91	GK	6701	9106-1135	Vibracoax-wt.	Cordon VISA/AWACS			
19	5042	15 MI NE Webster City-2.75 MI S IA riv	06/11/91	GK	6701	9106-1141	Vibracoax-wt.	Cordon VISA/AWACS			
19	5046	18 MI NE Webster City-0.5 MI N IA rive		Same equipment as section 195042							
19	6049	19 MI E OF Iowa City -	07/30/91	GK	6701	9106-1146	Vibracoax-wt.	Cordon VISA/AWACS			
19	6150	9 MI S OF Sac City - 2 MI N OF US 71	06/01/90	GK	6701	9106-1149	Vibracoax-wt.	Cordon VISA/AWACS			
19	9116	2 MI S OF MN/Iowa state line	05/30/91	GK	6701						
19	9126	IN Quad Cities - 1.6 MI E OF I-74	08/03/91	GK	6702	9106-1137	Vibracoax-wt.	Cordon VISA/AWACS			
19	SPS6	12 MI S Ames	06/01/90	GK	6701	9106-1130	Vibracoax-wt.	Cordon VISA/AWACS			