

File: 800.12.7.8.12

SHE 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	STATE ASSIGNED ID [ ]
	STATE CODE [30]
	SHRP SECTION ID [7082]

*Bis Tinker*

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)
<u>1998</u>	<u>5380</u>	<u>1059</u>	<u>2690</u>	<u>530</u>	<u>396.0</u> <i>440</i>

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 Used ATR class data and oracle data base daily reports

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 Same as above

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- ☐ System distribution factors.  
☒ Other Same as above

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

- ☐ System distribution factors.  
☒ Other Same as above

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

- ☐ ESAL/Truck factor.  
☒ ESAL/vehicle class factors -  
 Number of classes 13  
☐ Other (440.0 x .90 = 396.0) used 90% because of volume of traffic on Interstate

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

MAR 06 2001

By JDP

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_  
 DATE PREPARED \_\_\_\_\_

**SHEET 14  
LTPP TRAFFIC DATA  
EQUIPMENT INSTALLATION LOG**

\*STATE ASSIGNED ID  
\*STATE CODE  
\*SHRP SECTION ID

[ ] [ 30 ]  
[ 7088 ]

LOCATION Big Timber I-90 MP 356.0

INSTALLATION DATE 07/20/1998

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	ECM	Hestia	
Interface			
Modem	Micro-Aide	LPM-14	
Loop Amplifiers			
Other			
Sensor(s) / Platform(s)			
LTPP Lane Sensor	ECM class 1 piezo	Vibra-coax	
Sensor Next Adjacent Lane (1)	ECM class 1 piezo	Vibra-coax	
Sensor Next Adjacent Lane (2)	ECM class 1 piezo	Vibra-coax	
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor	ECM class 2 piezo	Vibra-coax	
Right Platform			
Left Platform			
Other			
Software			
Complete Package	Polling using ECM software	TRADAS used to evaluate software	
Axle Spacing Algorithm Only	State Algorithm		
Other			
Loops			
Upstream - Lane 1			
Downstream - Lane 1	One loop 4 turns	State Manufactured	
Upstream - Other Lanes			
Downstream - Other Lanes	One loop 4 turns	State Manufactured	

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