

File: 800, 12.7.9.12

SHE. 10 <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE - NO SITE COUNT</b>	STATE ASSIGNED ID [ _ _ _ _ ]
	STATE CODE [ 30 ]
	SHRP SECTION ID [ 0500 ]

*Big Tim from WB*

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>7050</u>	<u>1204</u>	<u>3525</u>	<u>902</u>	<u>387.0</u> <u>517</u>

*2/1/01 MPT  
AS INSTRUCTED  
BY DAN B. SOM*

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 Automatic Traffic Recorder Classification Data  
Oracle data base daily reports

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

- ☐ System distribution factors.
- ☒ Other Same as above

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

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

- ☐ ESAL/Truck factor.
- ☒ ESAL/vehicle class factors -  
Number of classes 13
- ☐ Other  $(430.0 \times .90 = 387.0)$   
90% was used because of the volume of traffic on the interstate

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- ☐ System distribution factors.
- ☒ Other Same as above

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 ENTERED**  
 MAR 28 2001 MAR 06 2001  
 By MPT 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 ]  
[ 0500 ]

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	
Senor 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	