

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [51] *SHRP SECTION ID [1412]
---	---

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>1991</u>	<u>10000</u>	<u>1768</u>	<u>4000</u>	<u>707</u>	<u>199</u>

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 _____

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

- ☐ System distribution factors.
☒ Other ASSUMED 50% DIR.
AND 80% LANE FACTORS

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 _____

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE

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

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT

- ☐ System distribution factors.
☒ Other ASSUMED 50% DIR
AND 80% LANE FACTORS

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 ASSUMED 0.77 PER TRUCK

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
☐ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☐ Other _____

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 12 TRAFFIC DATA COLLECTION SITE	STATE ASSIGNED ID:	1034
	STATE CODE:	51
	SHRP SECTION ID:	511417
	EFFECTIVE DATE:	11/19/91

HIGHWAY ROUTE NUMBER: 17
 LOCATION: FAUQUIER COUNTY
 VEHICLE CLASSIFICATION METHOD: FHWA
 TYPE OF CLASSIFICATION: PERMANENT
 AVC EQUIPMENT MAKE/MODEL NO: INTERNATIONAL ROAD DYNAMICS
 SENSOR TYPE: PIEZO ELECTRIC
 WEIGHT SCALE TYPE: PERMANENT WIM
 EQUIPMENT MAKE/MODEL: INTERNATIONAL ROAD DYNAMICS
 SENSOR TYPE: PIEZO ELECTRIC
 METHOD OF CALIBRATION: ANALYSIS OF RECORDED TRUCK WEIGHTS
 FREQUENCY OF CALIBRATION: MONTHLY

COMMENTS: NO FACTORS USED, ACTUAL DATA
DATA LOSS AND/OR ERROR DUE TO EQUIPMENT PROBLEMS

NAME OF PREPARER J.G. BRADLEY VDOT, 1401 E. BROAD ST., RICHMOND, VA. 23219 DATE PREAPARED: 05/17/93	PHONE # (804) 225-3589
---	------------------------

SHEET 12 TRAFFIC DATA COLLECTION SITE	STATE ASSIGNED ID:	1034
	STATE CODE:	51
	SHRP SECTION ID:	511417
	EFFECTIVE DATE:	11/19/91

HIGHWAY ROUTE NUMBER: 17
 LOCATION: FAUQUIER COUNTY
 VEHICLE CLASSIFICATION METHOD: FHWA
 TYPE OF CLASSIFICATION: PERMANENT
 AVC EQUIPMENT MAKE/MODEL NO: INTERNATIONAL ROAD DYNAMICS
 SENSOR TYPE: PIEZO ELECTRIC
 WEIGHT SCALE TYPE: PERMANENT WIM
 EQUIPMENT MAKE/MODEL: INTERNATIONAL ROAD DYNAMICS
 SENSOR TYPE: PIEZO ELECTRIC
 METHOD OF CALIBRATION: ANALYSIS OF RECORDED TRUCK WEIGHTS
 FREQUENCY OF CALIBRATION: MONTHLY

COMMENTS: NO FACTORS USED, ACTUAL DATA
DATA LOSS AND/OR ERROR DUE TO EQUIPMENT PROBLEMS

NAME OF PREPARER J.G. BRADLEY VDOT, 1401 E. BROAD ST., RICHMOND, VA. 23219 DATE PREAPARED: 05/13/93	PHONE # (804) 225-3589
---	------------------------

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID (1034)
STATE CODE (51)
SHRP SECTION ID (51417)

LOCATION RTE. 17 FAUQUIER CO.

DATE OF INSTALLATION 11/19/91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	1060P PIEZOELECTRIC WIM SYS	IRD	9110-1451
Interface	SENSOR	VIBRACOAX	
Modem	FASTALK V32/42b	MOTOROLA/UBS	
Loop Amplifiers	YES	MICRO SENSOR	
Other _____	N/A		
Sensor(s) / Platform(s)			
GPS Lane Sensor	PIEZO	VIBRACOAX	
Sensor Next Adjacent Lane (1)	PIEZO	VIBRACOAX	
Sensor Next Adjacent Lane (2)	PIEZO	VIBRACOAX	
Sensor Next Adjacent Lane (3)	PIEZO	VIBRACOAX	
Diagonal Sensor	N/A		
Offscale Sensor	N/A		
Right Platform	N/A		
Left Platform	N/A		
Other _____	N/A		
Software			
Complete Package	VERSION 7.2.2	IRD WIM L.P.	
Axle Spacing Algorithm	SCHEME 7	FHWA	
Other _____	N/A		
Loops			
Upstream - Lane 1	YES	IRD	
Downstream - Lane 1	YES	IRD	
Upstream - Other Lanes	YES	IRD	
Downstream - Other Lanes	YES	IRD	