

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE - NO SITE COUNT</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 51 ] *SHRP SECTION ID [ 2021 ]
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**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>8800</u>	<u>671</u>	<u>3520</u>	<u>268</u>	<u>75</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 .5 DIRECTION  
AND .8 LANE FACTOR

**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 .5 DIRECTION  
AND .8 LANE FACTOR

**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 .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 _____	

<b>SHEET 12</b> <b>TRAFFIC DATA</b> <b>COLLECTION SITE</b>	STATE ASSIGNED ID: <b>1027</b> STATE CODE: <b>51</b> SHRP SECTION ID: <b>512021</b> EFFECTIVE DATE: <b>11/21/91</b>
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HIGHWAY ROUTE NUMBER:               **58**  
LOCATION:                               **CARROLL 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 <b>J.G. BRADLEY</b> <b>VDOT, 1401 E. BROAD ST., RICHMOND, VA. 23219</b> DATE PREPARED: <b>05/13/93</b>	PHONE # <b>(804) 225-3589</b>
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<b>SHEET 12</b> <b>TRAFFIC DATA</b> <b>COLLECTION SITE</b>	STATE ASSIGNED ID:	1027
	STATE CODE:	51
	SHRP SECTION ID:	512021
	EFFECTIVE DATE:	11/21/91

HIGHWAY ROUTE NUMBER: 58  
 LOCATION: CARROLL 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  
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NAME OF PREPARER J.G. BRADLEY DATE PREPARED: 05/17/93	PHONE # (804) 225-3589 VDOT, 1401 E. BROAD ST., RICHMOND, VA. 23219
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**SHEET 14  
LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

**STATE ASSIGNED ID** (1027)  
**STATE CODE** (51)  
**SHRP SECTION ID** (512021)

**LOCATION** RTE. 58 CARROLL CO.

**DATE OF INSTALLATION** 11/12/91

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	1060P PIEZOELECTRIC WIM SYS	IRD	9108 - 1351
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	