

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>51</u>] *SHRP SECTION ID [<u>1423</u>]
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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>7770</u>	<u>590</u>	<u>3380</u>	<u>230</u>	<u>84</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 LINEAR REGRESSION

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

- ☐ System distribution factors.
☒ Other PREVIOUS YEAR DATA
AT SITE

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 PREVIOUS YEAR DATA
AT GPS SITE

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 1 ESAL/TR

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
☐ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☒ Other ASSUMED 1 ESAL/TR

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 12 TRAFFIC DATA COLLECTION SITE	STATE ASSIGNED ID:	1036
	STATE CODE:	51
	SHRP SECTION ID:	511423
	EFFECTIVE DATE:	10/07/91

HIGHWAY ROUTE NUMBER: 23
 LOCATION: WISE 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 PREPARED: 05/13/93	PHONE # (804) 225-3589
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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	PHONE # (804) 225-3589
VDOT, 1401 E. BROAD ST., RICHMOND, VA. 23219		
DATE PREAPARED:	05/17/93	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [1036] *STATE CODE [51] *SHRP SECTION ID [1423]
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HIGHWAY RT. NO. (THIS SESSION) RTE. 23, WISE CO.MILEPOST NO. OR LOCATION (THIS SESSION) .05 MI. S. S. INT RTE. 614FILENAME W511423.L11 DISK/TAPE ID _____BEGINNING DATE 10-1-91 BEGINNING TIME 00:00ENDING DATE 10-31-91 ENDING TIME 24:00COUNT DURATION 1 [] HOURS [] DAYS [☒] MONTHSWEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM ☒ OTHER _____EQUIPMENT MAKE/MODEL# IRDSENSOR TYPE PIEZO

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>J. G. BRADLEY</u>	PHONE # <u>225 3589</u>
DATE PREPARED <u>1-14-92</u>	

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID (1036)
STATE CODE (51)
SHRP SECTION ID (511423)

LOCATION RTE. 23 WISE CO.

DATE OF INSTALLATION 10/7/91

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