

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[37]
	*SHRP SECTION ID	[1817]

HIGHWAY RT. NO.(THIS SESSION) US 311

MILEPOST NO. OR LOCATION (THIS SESSION) .6 mi. S. of SR 2698

FILENAME C371817.ile DISK ID _____

BEGINNING DATE 07/01/2004 BEGINNING TIME 0000

ENDING DATE 09/30/2004 ENDING TIME 2400

COUNT DURATION 92 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS _____

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL# Peek ADR-3000

SENSOR TYPE Bare flat piezo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES OF CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Randy T. Perry</u>	PHONE <u>(919)-212-4562</u>
DATE PREPARED <u>03/17/2006</u>	REVISED _____

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	.STATE ASSIGNED ID	[]
	*STATE CODE	[37]
	*SHRP SECTION ID	[1817]

HIGHWAY RT. NO.(THIS SESSION) US 311

MILEPOST NO. OR LOCATION (THIS SESSION) .6 mi. S. of SR 2698

FILENAME C371817.mle DISK ID _____

BEGINNING DATE 11/01/2004 BEGINNING TIME 0000

ENDING DATE 12/31/2004 ENDING TIME 2400

COUNT DURATION 61 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS _____

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL# Peek ADR-3000

SENSOR TYPE Bare flat piezo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES OF CLASSIFICATION:

GENERAL FACTORS: _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	<u>Randy T. Perry</u>	PHONE	<u>(919)-212-4562</u>
DATE PREPARED	<u>02/27/2006</u>	REVISED	_____

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID []
	*STATE CODE [37]
	*SHRP SECTION ID [1817]

HIGHWAY RT. NO.(THIS SESSION) US 311

MILEPOST NO. OR LOCATION (THIS SESSION) .6 mi. S. of SR 2698

FILENAME W371817.jee DISK ID _____

BEGINNING DATE 08/15/2004 BEGINNING TIME 0000

ENDING DATE 08/21/2004 ENDING TIME 2400

COUNT DURATION 7 [] HOURS [X] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# Peek ADR-3000

SENSOR TYPE Bare flat piezo

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____

7-card 6 digit Truck Weight study _____ W-card X OTHER 7-card FHWA 13 bin cols. 20-21

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS _____

NOTE : IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Self calibration factor adjusted hourly on predominate Vehicle class at the site.

COMMENTS:

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Randy T. Perry</u>	PHONE <u>(919)-212-4562</u>
DATE PREPARED <u>03/17/2006</u>	REVISED _____

SHEET 13
LTPP TRAFFIC DATA

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

.STATE ASSIGNED ID []

*STATE CODE [37]

*SHRP SECTION ID [1817]

HIGHWAY RT. NO.(THIS SESSION) US 311

MILEPOST NO. OR LOCATION (THIS SESSION) .6 mi. S. of SR 2698

FILENAME W371817.m7e DISK ID _____

BEGINNING DATE 11/07/2004 BEGINNING TIME 0000

ENDING DATE 11/13/2004 ENDING TIME 2400

COUNT DURATION 7 [] HOURS [X] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# Peek ADR-3000

SENSOR TYPE Bare flat piezo

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____

7-card 6 digit Truck Weight study _____ W-card X OTHER 7-card FHWA 13 bin cols. 20-21

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS _____

NOTE : IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE
VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE
AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Self calibration factor adjusted hourly on predominate
Vehicle class at the site.

COMMENTS:

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Randy T. Perry PHONE (919)-212-4562

DATE PREPARED 02/27/2006

REVISED _____

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

*STATE ASSIGNED ID []
 *STATE CODE [37]
 *SHRP SECTION ID [1817]

LOCATION US 311, 0.6 mi. East of SR 2698
 INSTALLATION DATE 2/29/04

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	ADR-3000	PEEK TRAFFIC , INC	
Interface			
Modem	DC POWERED 14.4 BPS	MICRO-AIDE	
Loop Amplifiers	SL58P		
Other _____	SW58P		
Sensor(s) / Platform(s)			
LTPP Lane Sensor	BARE FLAT PIEZO	MSI	
Sensor Next Adjacent Lane (1)	BARE FLAT PIEZO	MSI	
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	TDP VER. 3.32, TMG VER. 8.5, VISA WIM VER. 1.53		
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane I	6'x6' 4 TURN INDUCTIVE LOOP		
Downstream - Lane I	6'x6' 4 TURN INDUCTIVE LOOP		
Upstream - Other Lanes			
Downstream - Other Lanes			

revised November
11, 1999)

<div>SHEET 16</div> <div>LTPP MONITORED TRAFFIC DATA</div> <div>SITE CALIBRATION SUMMARY</div>	<div>*STATE ASSIGNED ID<div></div></div> <div>*STATE CODE<div>37</div></div> <div>*SHRP SECTION ID<div>1817</div></div>
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SITE CALIBRATION INFORMATION

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR)

4 / 1 / 04

2. *TYPE OF EQUIPMENT CALIBRATED

WIM

CLASSIFIER

X BOTH

3. *REASON FOR CALIBRATION

REGULARLY SCHEDULED SITE VISIT

EQUIPMENT REPLACEMENT

DATA TRIGGERED SYSTEM REVISION

RESEARCH

TRAINING

X NEW EQUIPMENT INSTALLATION

4. *SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

BARE ROUND PIEZO CERAMIC

X BARE FLAT PIEZO

BENDING PLATES

CHANNELIZED ROUND PIEZO

LOAD CELLS

QUARTZ PIEZO

CHANNELIZED FLAT PIEZO

INDUCTANCE LOOPS

CAPACITANCE PADS

OTHER (SPECIFY)

5. EQUIPMENT MANUFACTURER

PEEK Traffic

ENTERED DEC 15 2004

WIM SYSTEM CALIBRATION SPECIFICS**

6.** CALIBRATION TECHNIQUE USED:

TRAFFIC STREAM

STATIC SCALE (Y/N)

X TEST TRUCKS

NUMBER OF TRUCKS COMPARED

1 NUMBER OF TEST TRUCKS USED

5 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	9	1
2		
3		

TYPE PER FHWA 13 BIN SYSTEM

SUSPENSION: 1 – AIR; 2 – LEAF SPRING

3 – OTHER (DESCRIBE)

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN --

DYNAMIC AND STATIC GVW	1	.09	STANDARD DEVIATION	2	.7
DYNAMIC AND STATIC SINGLE AXLES	11	.01	STANDARD DEVIATION	4	.7
DYNAMIC AND STATIC DOUBLE AXLES	-1	.04	STANDARD DEVIATION	4	.90

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH)

55

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

1 . 000

11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N)

Y

LN1 - CLASS 2, FRONT AXLE, 1,800 lbs

IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE:

LN2 - CLASS 2, FRONT AXLE, 1,800 lbs

CLASSIFIER TEST SPECIFICS***

12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:

VIDEO

X MANUAL

PARRALLEL CLASSIFIERS

13. METHOD TO DETERMINE LENGTH OF COUNT

6hrs

X TIME

NUMBER OF TRUCKS

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9

.03%

FHWA CLASS

*** FHWA CLASS 8

.32%

FHWA CLASS

FHWA CLASS

FHWA CLASS

*** PERCENT UNCLASSIFIED VEHICLES:

0

85%

PERSON LEADING CALIBRATION EFFORT

Michael H. Ashbrook

CONTACT INFORMATION

919-733-4796

 rev. November 9, 1999