

SHEET 12
LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.c1h DISK ID _____

BEGINNING DATE 01/01/2007 BEGINNING TIME 0000

ENDING DATE 02/05/2007 ENDING TIME 2400

COUNT DURATION 36 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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>05/02/2007</u>	REVISED _____

SHEET 12
LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []

*STATE CODE [37]

*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.d7h DISK ID _____

BEGINNING DATE 02/07/2007 BEGINNING TIME 0000

ENDING DATE 02/18/2007 ENDING TIME 2400

COUNT DURATION 12 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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>05/02/2007</u>	REVISED	_____

SHEET 12
LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.djh DISK ID _____

BEGINNING DATE 02/20/2007 BEGINNING TIME 0000

ENDING DATE 03/10/2007 ENDING TIME 2400

COUNT DURATION 19 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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>05/02/2007</u>	REVISED _____

SHEET 12
LTPP TRAFFIC DATA
CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.ebh DISK ID _____

BEGINNING DATE 03/12/2007 BEGINNING TIME 0000

ENDING DATE 03/31/2007 ENDING TIME 2400

COUNT DURATION 20 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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>05/02/2007</u>	REVISED _____

SHEET 12
LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []

*STATE CODE [37]

*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.flh DISK ID _____

BEGINNING DATE 04/01/2007 BEGINNING TIME 0000

ENDING DATE 06/17/2007 ENDING TIME 2400

COUNT DURATION 78 [] 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 John T. Davis

PHONE (919)-212-4546

DATE PREPARED 07/20/2007

REVISED _____

SHEET 12
LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.hih DISK ID

BEGINNING DATE 06/19/2007 BEGINNING TIME 0000

ENDING DATE 06/27/2007 ENDING TIME 2400

COUNT DURATION 9 [] 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 John T. Davis PHONE (919)-212-4546
DATE PREPARED 07/20/2007 REVISED

SHEET 12
LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.hsh DISK ID _____

BEGINNING DATE 06/29/2007 BEGINNING TIME 0000

ENDING DATE 06/30/2007 ENDING TIME 2400

COUNT DURATION 2 [] 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>John T. Davis</u>	PHONE <u>(919)-212-4546</u>
DATE PREPARED <u>07/20/2007</u>	REVISED _____

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID []
	*STATE CODE [37]
	*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.ilh ✓ DISK ID _____

BEGINNING DATE 07/01/2007 BEGINNING TIME 0000

ENDING DATE 07/08/2007 ENDING TIME 2400

COUNT DURATION 8 [] 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>10/19/2007</u>	REVISED _____

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[37]
	*SHRP SECTION ID	[1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.i0h ✓ DISK ID _____

BEGINNING DATE 07/10/2007 BEGINNING TIME 0000

ENDING DATE 09/30/2007 ENDING TIME 2400

COUNT DURATION 83 [] 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>10/19/2007</u>	REVISED	_____

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID []
	*STATE CODE [37]
	*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.1lh✓ DISK ID _____

BEGINNING DATE 10/01/2007 BEGINNING TIME 0000

ENDING DATE 10/17/2007 ENDING TIME 2400

COUNT DURATION 17 [] 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>02/05/2008</u>	REVISED _____

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID []
	*STATE CODE [37]
	*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.lib ✓ DISK ID _____

BEGINNING DATE 10/19/2007 BEGINNING TIME 0000

ENDING DATE 11/03/2007 ENDING TIME 2400

COUNT DURATION 16 [] 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>02/05/2008</u>	REVISED _____

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID []
	*STATE CODE [37]
	*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME C371992.m5h ✓ DISK ID _____

BEGINNING DATE 11/05/2007 BEGINNING TIME 0000

ENDING DATE 12/31/2007 ENDING TIME 2400

COUNT DURATION 57 [] 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>02/05/2008</u>	REVISED _____

SHEET 13
LTPP TRAFFIC DATA
VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1992]

HIGHWAY RT. NO.(THIS SESSION) US 421

MILEPOST NO. OR LOCATION (THIS SESSION) 1.2 MI. NORTH OF US 64 SB

FILENAME W371992.dah

DISK ID _____

BEGINNING DATE 02/11/2007

BEGINNING TIME 0000

ENDING DATE 02/17/2007

ENDING TIME 2400

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

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM ☒ 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 ☒ 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>05/02/2007</u>	REVISED	_____

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*STATE ASSIGNED ID      [      ]
*STATE CODE              [  37  ]
*SHRP SECTION ID        [ 1992  ]
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REVISÉD

<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>1992</div></div>
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SITE CALIBRATION INFORMATION

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

10 / 17 / 07

2. *TYPE OF EQUIPMENT CALIBRATED

WIM

CLASSIFIER

X BOTH

3. *REASON FOR CALIBRATION

X

 REGULARLY SCHEDULED SITE VISIT

RESEARCH

EQUIPMENT REPLACEMENT

TRAINING

DATA TRIGGERED SYSTEM REVISION

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 2007
NE

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

15 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

3

46

DYNAMIC AND STATIC SINGLE AXLES

- 9

40

DYNAMIC AND STATIC DOUBLE AXLES

5

48

STANDARD DEVIATION

5

3

STANDARD DEVIATION

5

5

STANDARD DEVIATION

6

2.8

8.

1

 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH)

65 MPH

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

1

.000

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

Y

LN1 - class 9, FRONT AXLE, 10,200 lbs

LN2 - class 9, FRONT AXLE, 2,000 lbs

LN3 - class 9, FRONT AXLE, 10,300 lbs

LN4 - class 2, FRONT AXLE, 1,900 lbs

IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE:

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

.7%

*** FHWA CLASS 8

.12%

FHWA CLASS

FHWA CLASS

FHWA CLASS

FHWA CLASS

*** PERCENT UNCLASSIFIED VEHICLES:

0

73%

PERSON LEADING CALIBRATION EFFORT	Michael H. Ashbrook
CONTACT INFORMATION	919-733-4796
	rev. November 9, 1999