

SHEET 12 TRAFFIC DATA COLLECTION SITE	STATE ASSIGNED ID []
	STATE CODE [37]
	SHRP SECTION ID [0200]
	EFFECTIVE DATE 4 / 25 / 08

HIGHWAY RT. NO. US 52 MILEPOST NO. 89.5

LOCATION MM 89.5 South bound.

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. PEEK Traffic, Sarasota / ADR-3000

SENSOR TYPE Piezo electric and inductive loops.

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

EQUIPMENT MAKE / MODEL NO. PEEK Traffic, Sarasota / ADR-3000

SENSOR TYPE Piezo electric and inductive loops.

METHOD OF CALIBRATION: Self calibration factor adjusted on class 9's.

FREQUENCY OF CALIBRATION: Hourly.

COMMENTS: Automatic calibration capabilities.

NAME OF PREPARER <u>Michael H. Ashbrook</u>	PHONE NO. <u>919-733-4796</u>
DATE PREPARED <u>4/25/08</u>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[37]
	*SHRP SECTION ID	[0200]

HIGHWAY RT. NO. (THIS COUNT) US 52

MILEPOST NO. OR LOCATION (THIS COUNT) 91.5

FILENAME C370200.f3a DISK ID _____

BEGINNING DATE 4/3/00 BEGINNING TIME 0000

ENDING DATE 6/30/00 ENDING TIME 2400

COUNT DURATION 89 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____

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

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRPILTPP, 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 BIN 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 BY 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>Michael H. Ashbrook</u>	PHONE <u>919-733-4796</u>
DATE PREPARED <u>7/27/00</u>	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_____]
	*STATE CODE	[<u>37</u>]
	*SHRP SECTION ID	[<u>0200</u>]

HIGHWAY RT. NO. (THIS COUNT) US 52

MILEPOST NO. OR LOCATION (THIS COUNT) 91.5

FILENAME C370200.11A DISK ID _____

BEGINNING DATE 7/1/00 BEGINNING TIME 0000

ENDING DATE 8/6/00 ENDING TIME 2400

COUNT DURATION 37 [] 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 BIN SYSTEM.

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

COMMENTS _____

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NAME OF PREPARER <u>Michael H. Ashbrook</u>	PHONE <u>919-733-4796</u>
DATE PREPARED <u>11/15/00</u>	revised November 11, 1999

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[37]
	*SHRP SECTION ID	[0200]

HIGHWAY RT. NO. (THIS COUNT) US 52

MILEPOST NO. OR LOCATION (THIS COUNT) 91.5

FILENAME C370200.JAA DISK ID _____

BEGINNING DATE 8/11/00 BEGINNING TIME 0000

ENDING DATE 9/30/00 ENDING TIME 2400

COUNT DURATION 51 [] 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 BIN SYSTEM.

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EQUIPMENT MAKE/MODEL# Peek ADR-3000

SENSOR TYPE Bare flat piezo.

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GENERAL FACTORS: _____

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

COMMENTS _____

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NAME OF PREPARER <u>Michael H. Ashbrook</u>	PHONE <u>919-733-4796</u>
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SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_____]
	*STATE CODE	[<u>37</u>]
	*SHRP SECTION ID	[<u>0200</u>]

HIGHWAY RT. NO. (THIS COUNT) US 52

MILEPOST NO. OR LOCATION (THIS COUNT) 91.5

FILENAME C370200.L1A DISK ID _____

BEGINNING DATE 10/1/00 BEGINNING TIME 0000

ENDING DATE 12/31/00 ENDING TIME 2400

COUNT DURATION 92 [] HOURS [☒] 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 BIN SYSTEM.

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SENSOR TYPE Bare flat piezo.

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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>Michael H. Ashbrook</u>	PHONE <u>919-733-4796</u>
DATE PREPARED <u>2/28/01</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	STATE ASSIGNED ID [_____]
	*STATE CODE [37]
	*SHRP SECTION ID [0200]

HIGHWAY RT. NO. (THIS SESSION) _____ US 52

MILEPOST NO. OR LOCATION (THIS SESSION) _____ 91.5

FILENAME _____ W370200.f3a _____ DISK ID _____

BEGINNING DATE _____ 4/3/00 _____ BEGINNING TIME _____ 0000

ENDING DATE _____ 6/30/00 _____ ENDING TIME _____ 2400

COUNT DURATION _____ 89 [] 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 _____ Automatic calibration capabilities

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER _____ Michael H. Ashbrook	PHONE _____ 919-733-4796
DATE PREPARED _____ 7/27/00	revised February 21,2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	• STATE ASSIGNED ID [_____]
	*STATE CODE [37]
	*SHRP SECTION ID [0200]

HIGHWAY RT. NO. (THIS SESSION) US 52

MILEPOST NO. OR LOCATION (THIS SESSION) 91.5

FILENAME W370200.I1A DISK ID _____

BEGINNING DATE 7/1/00 BEGINNING TIME 0000

ENDING DATE 8/6/00 ENDING TIME 2400

COUNT DURATION 37 [] 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.

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COMMENTS Automatic calibration capabilities

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DATE PREPARED <u>11/15/00</u>	revised February 21,2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_____]
	*STATE CODE [37]
	*SHRP SECTION ID [0200]

HIGHWAY RT. NO. (THIS SESSION) _____ US 52

MILEPOST NO. OR LOCATION (THIS SESSION) _____ 91.5

FILENAME _____ W370200.JAA _____ DISK ID _____

BEGINNING DATE _____ 8/11/00 _____ BEGINNING TIME _____ 0000

ENDING DATE _____ 9/30/00 _____ ENDING TIME _____ 2400

COUNT DURATION _____ 51 _____ [] 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 _____ Automatic calibration capabilities

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER _____ Michael H. Ashbrook	PHONE _____ 919-733-4796
DATE PREPARED _____ 11/15/00	revised February 21,2000

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_____]
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HIGHWAY RT. NO. (THIS SESSION) US 52

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ENDING DATE 12/31/00 ENDING TIME 2400

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

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SENSOR TYPE Bare flat piezo

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 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 Automatic calibration capabilities

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Michael H. Ashbrook</u>	PHONE <u>919-733-4796</u>
DATE PREPARED <u>2/28/01</u>	revised February 21,2000

North Carolina

37

[illegible]

PHONE NO. 919-733-4796

4/25/00

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [0200]

SITE CALIBRATION INFORMATION

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR) [8/10/00]
2. *TYPE OF EQUIPMENT CALIBRATED _____ WIM _____ CLASSIFIER ☒ BOTH
3. *REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT
_____ EQUIPMENT REPLACEMENT
_____ DATA TRIGGERED SYSTEM REVISION
_____ RESEARCH
_____ TRAINING
_____ NEW EQUIPMENT INSTALLATION
4. *SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
_____ BARE ROUND PIEZO CERAMIC ☒ BARE FLAT PIEZO
_____ CHANNELIZED ROUND PIEZO _____ LOAD CELLS
_____ CHANNELIZED FLAT PIEZO _____ INDUCTANCE LOOPS
_____ OTHER (SPECIFY) _____
_____ BENDING PLATES
_____ QUARTZ PIEZO
_____ CAPACITANCE PADS
5. EQUIPMENT MANUFACTURER Peck Traffic

ENTERED JUN 14 2002

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
_____ TRAFFIC STREAM _____ STATIC SCALE (Y/N) ☒ TEST TRUCKS
_____ NUMBER OF TRUCKS COMPARED _____ NUMBER OF TEST TRUCKS USED

TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE)

5 PASSES PER TRUCK
TRUCK TYPE SUSPENSION
1 9 2
2 _____
3 _____

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN --
DYNAMIC AND STATIC GVW 2 . 56 STANDARD DEVIATION 2 . 40
DYNAMIC AND STATIC SINGLE AXLES 1 . 28 STANDARD DEVIATION 2 . 20
DYNAMIC AND STATIC DOUBLE AXLES 2 . 98 STANDARD DEVIATION 3 . 51
8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 55 MPH
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 1 . 00

- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Yes
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: Lane 1: Class 2, Axle 1, Expected WT 1,650 lbs
Lane 2: Class 2, Axle 1, Expected WT 1,580 lbs

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
_____ VIDEO ☒ MANUAL _____ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT 4 hrs TIME _____ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 1.0 FHWA CLASS _____
*** FHWA CLASS 8 1.5 FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
*** PERCENT UNCLASSIFIED VEHICLES: 0