

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_____]
	*STATE CODE	[<u>37</u>]
	*SHRP SECTION ID	[<u>1803</u>]

HIGHWAY RT. NO. (THIS COUNT) US 74-441

MILEPOST NO. OR LOCATION (THIS COUNT) 0.2 MI. EAST OF SR 1391

FILE NAME C371803.C3C DISK ID _____

BEGINNING DATE 1/3/02 BEGINNING TIME 0000

ENDING DATE 3/4/02 ENDING TIME 2400

COUNT DURATION 61 [] 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 BIN 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 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>6/6/02</u>	revised November 11, 1999

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FILE NAME C371803.E7C DISK ID _____

BEGINNING DATE 3/7/02 BEGINNING TIME 0000

ENDING DATE 3/31/02 ENDING TIME 2400

COUNT DURATION 25 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____

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

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MILEPOST NO. OR LOCATION (THIS COUNT) 0.2 MI. EAST OF SR 1391

FILE NAME C371803.F9C DISK ID _____

BEGINNING DATE 4/9/02 BEGINNING TIME 0000

ENDING DATE 6/30/02 ENDING TIME 2400

COUNT DURATION 83 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____

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

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DATE PREPARED	<u>7/25/02</u>	Revised November 11, 1999

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FILE NAME C371803.L1C DISK ID _____

BEGINNING DATE 10/1/02 BEGINNING TIME 0000

ENDING DATE 12/31/02 ENDING TIME 2400

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

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____

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

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NAME OF PREPARER <u>Michael H. Ashbrook</u>	PHONE <u>919-733-4796</u>
DATE PREPARED <u>2/6/03</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_____]
	*STATE CODE [37]
	*SHRP SECTION ID [1803]

HIGHWAY RT. NO. (THIS SESSION) US 74-441

MILEPOST NO. OR LOCATION (THIS SESSION) 0.2 MI. EAST OF SR 1391

FILE NAME W371803.EGC DISK ID _____

BEGINNING DATE 3/17/02 BEGINNING TIME 0000

ENDING DATE 3/23/02 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 _____

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

COMMENTS Automatic calibration capabilities

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NAME OF PREPARER Michael H. Ashbrook PHONE 919-733-4796

DATE PREPARED 6/6/02 revised February 21,2000

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	*STATE CODE [<u>37</u>]
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MILEPOST NO. OR LOCATION (THIS SESSION) 0.2 MI. EAST OF SR 1391

FILE NAME W371803.FKC DISK ID _____

BEGINNING DATE 4/21/02 BEGINNING TIME 0000

ENDING DATE 4/27/02 ENDING TIME 2400

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

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

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HIGHWAY RT. NO. (THIS SESSION) US 74-441

MILEPOST NO. OR LOCATION (THIS SESSION) 0.2 MI. EAST OF SR 1391

FILE NAME W371803.IDC DISK ID _____

BEGINNING DATE 7/14/02 BEGINNING TIME 0000

ENDING DATE 7/20/02 ENDING TIME 2400

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

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

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DATE PREPARED <u>2/6/03</u>	revised February 21,2000

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1803]

SITE CALIBRATION INFORMATION

RECEIVED JUN 17 2002

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR) [3 / 6 / 02]
2. *TYPE OF EQUIPMENT CALIBRATED _____ WIM _____ CLASSIFIER ☒ BOTH
3. *REASON FOR CALIBRATION
☒ 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 ☒ BARE FLAT PIEZO _____ BENDING PLATES
_____ CHANNELIZED ROUND PIEZO _____ LOAD CELLS _____ QUARTZ PIEZO
_____ CHANNELIZED FLAT PIEZO _____ INDUCTANCE LOOPS _____ CAPACITANCE PADS
_____ OTHER (SPECIFY) _____
5. EQUIPMENT MANUFACTURER Peck Traffic

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
_____ 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 0 . 77 STANDARD DEVIATION 5 . 0
DYNAMIC AND STATIC SINGLE AXLES 8 . 03 STANDARD DEVIATION 7 . 7
DYNAMIC AND STATIC DOUBLE AXLES 0 . 56 STANDARD DEVIATION 5 . 99
8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 60 mph
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 1 . 000
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y Lane 1 = class 2, Axle 1, 2, 200 lbs
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: Lane 2 = class 2, Axle 1, 2, 270 lbs

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
_____ VIDEO ☒ MANUAL _____ PARRALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT ☒ TIME _____ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 .1 FHWA CLASS _____
*** FHWA CLASS 8 _____ FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
*** PERCENT UNCLASSIFIED VEHICLES: 0 . 2
- JK only name not missing