

| | | |
|--|--------------------|-----------------|
| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [_____] |
| | *STATE CODE | [<u>37</u>] |
| | *SHRP SECTION ID | [<u>3008</u>] |

HIGHWAY RT. NO. (THIS COUNT) US 74

MILEPOST NO. OR LOCATION (THIS COUNT) 23.0

FILENAME C373008.C1B DISK ID _____

BEGINNING DATE 1/1/01 BEGINNING TIME 0000

ENDING DATE 2/28/01 ENDING TIME 2400

COUNT DURATION 59 [] 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>5/22/01</u> | revised November 11, 1999 |

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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>3008</u>] |

HIGHWAY RT. NO. (THIS COUNT) US 74

MILEPOST NO. OR LOCATION (THIS COUNT) 23.0

FILENAME C373008.E3B DISK ID _____

BEGINNING DATE 3/3/01 BEGINNING TIME 0000

ENDING DATE 3/31/01 ENDING TIME 2400

COUNT DURATION 29 [] 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.

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| NAME OF PREPARER <u>Michael H. Ashbrook</u> | PHONE <u>919-733-4796</u> |
| DATE PREPARED <u>5/22/01</u> | revised November 11, 1999 |

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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>3008</u>] |

HIGHWAY RT. NO. (THIS COUNT) US 74

MILEPOST NO. OR LOCATION (THIS COUNT) 23.0

FILENAME C373008.F2B DISK ID _____

BEGINNING DATE 4/2/01 BEGINNING TIME 0000

ENDING DATE 6/30/01 ENDING TIME 2400

COUNT DURATION 90 [] 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.

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>7/27/01</u> | revised November 11, 1999 |

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| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [] |
| | *STATE CODE | [37] |
| | *SHRP SECTION ID | [3008] |

HIGHWAY RT. NO. (THIS COUNT) US 74

MILEPOST NO. OR LOCATION (THIS COUNT) 23.0

FILENAME C373008.L1B DISK ID

BEGINNING DATE 10/1/01 BEGINNING TIME 0000

ENDING DATE 10/27/01 ENDING TIME 2400

COUNT DURATION 27 [] 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.

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>1/31/02</u> | |
| revised November 11, 1999 | |

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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>3008</u>] |

HIGHWAY RT. NO. (THIS COUNT) US 74

MILEPOST NO. OR LOCATION (THIS COUNT) 23.0

FILENAME C373008.LSB DISK ID _____

BEGINNING DATE 10/29/01 BEGINNING TIME 0000

ENDING DATE 11/21/01 ENDING TIME 2400

COUNT DURATION 24 [] 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.

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.

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|---|---------------------------|
| NAME OF PREPARER <u>Michael H. Ashbrook</u> | PHONE <u>919-733-4796</u> |
| DATE PREPARED <u>1/31/02</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>3008</u>] |

HIGHWAY RT. NO. (THIS COUNT) US 74

MILEPOST NO. OR LOCATION (THIS COUNT) 23.0

FILENAME C373008.MMB DISK ID _____

BEGINNING DATE 11/23/01 BEGINNING TIME 0000

ENDING DATE 12/31/01 ENDING TIME 2400

COUNT DURATION 39 [] 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>1/31/02</u> | revised November 11, 1999 |

| | |
|--|-----------------------------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | STATE ASSIGNED ID [_____] |
| | *STATE CODE [37] |
| | *SHRP SECTION ID [3008] |

HIGHWAY RT. NO. (THIS SESSION) US 74

MILEPOST NO. OR LOCATION (THIS SESSION) 23.0

FILENAME W373008.CDB DISK ID _____

BEGINNING DATE 1/14/01 BEGINNING TIME 0000

ENDING DATE 1/20/01 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 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 5/22/01 revised February 21,2000

| | | |
|--|-------------------|------------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | STATE ASSIGNED ID | [] |
| | *STATE CODE | [37] |
| | *SHRP SECTION ID | [3008] |

HIGHWAY RT. NO. (THIS SESSION) US 74

MILEPOST NO. OR LOCATION (THIS SESSION) 23.0

FILENAME W373008.H1B DISK ID

BEGINNING DATE 6/1/01 BEGINNING TIME 0000

ENDING DATE 6/7/01 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 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 7/27/01 revised February 21,2000

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [3008]

SITE CALIBRATION INFORMATION

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR) [8 / 2 / 01]
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) _____
5. EQUIPMENT MANUFACTURER Peek 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
_____ PASSES PER TRUCK
TRUCK TYPE SUSPENSION
1 9 2
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 _____ . 22
DYNAMIC AND STATIC SINGLE AXLES 13 . 53
DYNAMIC AND STATIC DOUBLE AXLES 3 . 09
STANDARD DEVIATION 4 . 5
STANDARD DEVIATION 4 . 6
STANDARD DEVIATION 7 . 12
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) yes
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: Lane 1 = class 2 @ 2,650 lbs on axle 1
Lane 2 = class 2 @ 2,600 lbs on axle 1

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
_____ VIDEO _____ MANUAL _____ PARRALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT 4.5 hrs TIME _____ NUMBER OF TRUCKS
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 1-0 FHWA CLASS _____
*** FHWA CLASS 8 1-0 FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
- *** PERCENT UNCLASSIFIED VEHICLES: 0 . 28