

**SHEET 10
LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT**

*STATE ASSIGNED ID

0441 sb

*STATE CODE

29

*SHRP SECTION ID

0900

1. ANNUAL TRAFFIC ESTIMATES

| *YEAR | ESTIMATED TOTAL VEHICLES AADT (TWO-WAY) | ESTIMATED TOTAL TRUCK AADT (TWO-WAY) | ESTIMATED TOTAL VEHICLES AADT LTPP LANE | *ESTIMATED TOTAL TRUCKS AADT LTPP LANE | *ESTIMATED ESAL=S/YR LTPP LANE (1000'S) |
|-------------|--|---|--|---|--|
| <u>2000</u> | <u>8880</u> | <u>1260</u> | <u>3820</u> | <u>580</u> | <u>225</u> |

**2. METHOD FOR ESTIMATING TOTAL VEHICLE
AADT (TWO-WAY)**

- ☒ Growth factored last year=s estimate. (6)
- ☐ Estimated based on volume counts at nearby locations. (3)
- ☐ Used computerized network analyses. (4)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Average multiple counts taken this year at the LTPP site. (2)
- ☐ Average and factored multiple count taken this year at the LTPP site. (5)
- ☐ Used flow maps. (7)
- ☐ Other: (8) _____

Other:
(9) _____

**4. METHOD FOR ESTIMATING TOTAL VEHICLES
LTPP LANE AADT**

- ☐ System distribution factors. (2)
- ☒ Based on actual lane count data. (1) *from previous year*
- ☐ Other: (3) _____

***5. METHOD FOR ESTIMATING TOTAL TRUCKS,
LTPP LANE, AADT**

- ☐ System distribution factors. (2)
- ☒ Based on actual lane data count. (1) *from previous year*
- ☐ Other: (3) _____

***6. METHOD FOR ESTIMATING ESAL/YEAR
IN LTPP LANE**

- ☐ ESAL/Truck factor (1)
- ☒ ESAL/Vehicle class. (2) (No. of classes)
- ☐ ESAL/Axle(3) Sing. _____ Tand. _____ Tri. _____
- ☐ Other:(4) _____

7. ESAL ESTIMATES - SOURCE OF DATA

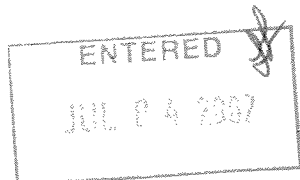
- ☒ Weight data collected at LTPP site prior years. (2)
- ☐ Weight data from system averages this year. (3)
- ☐ Weight data from system averages prior years. (4)
- ☐ Weight data from historic W-4 Tables used. (5)
- ☐ Other: (6) _____

8. WEIGHT SCALE TYPE

- ☒ WIM scale. (1)
- ☐ Static scale used for enforcement. (2)
- ☐ Static scale not used for enforcement. (3)
- ☐ Other: (4) _____

**3. METHOD FOR ESTIMATING TOTAL TRUCK
AADT (TWO-WAY)**

- ☐ Used system averages from counts taken this year. (6)
- ☐ Used count data from nearby sites. (3)
- ☐ Used count data from previous years at the LTPP site. (7)
- ☒ Used system averages from previous years. (8)
- ☐ Used computerized network analyses. (4)
- ☐ Used a single count taken this year at the LTPP site. (5)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)



NAME OF PREPARER

Darla Fischer

PHONE#

573 7751 2842

DATE PREPARED

1/30/2007

rev. March 12, 2001

| | | |
|--|--------------------|--------|
| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [0441] |
| | *STATE CODE | [29] |
| | *SHRP SECTION ID | [0900] |

HIGHWAY RT. NO. (THIS COUNT) US 65

MILEPOST NO. OR LOCATION (THIS COUNT) S. 2 (3 miles n/o Rts. H & HH)

FILENAME moDOT-LTPP046 DISK ID _____

BEGINNING DATE 1/1/06 BEGINNING TIME _____

ENDING DATE 12/31/06 ENDING TIME _____

COUNT DURATION 12 [] HOURS [] DAYS ☒ MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: F-13 class NO. OF BINS 15

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# IRD 1067

SENSOR TYPE Piezo cable-loops

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>Darla Fischer</u> | PHONE <u>573 751 0842</u> |
| DATE PREPARED <u>1/19/07</u> | revised November 11, 1999 |

| | | |
|--|--------------------|--------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [0441] |
| | *STATE CODE | [09] |
| | *SHRP SECTION ID | [0900] |

HIGHWAY RT. NO. (THIS SESSION) US 65

MILEPOST NO. OR LOCATION (THIS SESSION) 5.2 (3 miles n/o Rts. H & HH)

FILENAME moDot LTPP 046 DISK ID _____

BEGINNING DATE 1/1/06 BEGINNING TIME _____

ENDING DATE 12/31/06 ENDING TIME _____

COUNT DURATION 12 [] HOURS [] DAYS ☒ MONTHS

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

EQUIPMENT MAKE/MODEL# IRD 1067

SENSOR TYPE piezo cable & loops

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 _____

NAME OF AGENCY CLASSIFICATION SCHEME: F NO. OF BINS 13

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: Test Truck only
performed annually or as needed

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

| | |
|---------------------------------------|---------------------------|
| NAME OF PREPARER <u>Darla Fischer</u> | PHONE <u>513 751 2842</u> |
| DATE PREPARED <u>1/22/07</u> | revised February 21, 2000 |

| | | |
|--|--------------------|--------|
| SHEET 16 LTTP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY | *STATE ASSIGNED ID | [0441] |
| | *STATE CODE | [29] |
| | *SHRP SECTION ID | [0900] |

SB

SITE CALIBRATION INFORMATION

12/28/2006

[12/28/2006]

- * DATE OF CALIBRATION (MONTH/DAY/YEAR)
- * TYPE OF EQUIPMENT CALIBRATED ☐ WIM ☐ CLASSIFIER ☒ BOTH
- * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT ☐ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
- * SENSORS INSTALLED IN LTTP 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) _____
- EQUIPMENT MANUFACTURER IRD 1067

Entered
Mar 29/07
[Signature]

WIM SYSTEM CALIBRATION SPECIFICS**

- ** 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) _____
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN --
 DYNAMIC AND STATIC GVW _____ .98 STANDARD DEVIATION _____
 DYNAMIC AND STATIC SINGLE AXLES _____ STANDARD DEVIATION _____
 DYNAMIC AND STATIC DOUBLE AXLES _____ STANDARD DEVIATION _____
- NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED _____
- DEFINE THE SPEED RANGES USED (MPH) 60-65
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) .65 Lead
.52 trail
- ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) _____
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- *** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☒ MANUAL ☐ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 _____ FHWA CLASS _____
 *** FHWA CLASS 8 _____ FHWA CLASS _____
 FHWA CLASS _____
 FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT: [Signature]
 CONTACT INFORMATION: _____ rev. November 9, 1999