

**SHEET 10  
LTPP TRAFFIC DATA**

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

\*STATE ASSIGNED ID 0420 nb  
\*STATE CODE 29  
\*SHRP SECTION ID 4036

**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>2006</u>	<u>22677</u>	<u>3293</u>	<u>8296</u>	<u>1558</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) \_\_\_\_\_

**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)

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) \_\_\_\_\_

NAME OF PREPARER Dave Fischer  
DATE PREPARED 1/30/2007

PHONE# 573/51-2842  
rev. March 12, 2001

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[0420]
	*STATE CODE	[29]
	*SHRP SECTION ID	[4036]

HIGHWAY RT. NO. (THIS COUNT) IS 435

MILEPOST NO. OR LOCATION (THIS COUNT) 6.38 (1.0 miles n/o 108<sup>th</sup> st.)

FILENAME moDOT-LTPP06 DISK ID \_\_\_\_\_

BEGINNING DATE 1/1/106 BEGINNING TIME \_\_\_\_\_

ENDING DATE 12/31/106 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-100fs

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>513-751-2842</u>
DATE PREPARED <u>1/19/07</u>	revised November 11, 1999

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[0420]
	*STATE CODE	[29]
	*SHRP SECTION ID	4036

HIGHWAY RT. NO. (THIS SESSION) IS 435

MILEPOST NO. OR LOCATION (THIS SESSION) 6.38 (1 mile n/o 108th st.)

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

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

EQUIPMENT MAKE/MODEL# IRD 1067

SENSOR TYPE piezo cable - 100ps

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 \_\_\_\_\_

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

<b>SHEET 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	*STATE ASSIGNED ID [0420] *STATE CODE [29] *SHRP SECTION ID [4036]
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SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [12/12/2006]
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  
☐ OTHER (SPECIFY) \_\_\_\_\_
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 IRO

*Entered  
Mar 29/07  
RW*

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  
  
☐ 8 PASSES PER TRUCK  

	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1	9	2
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	2		
3 - OTHER (DESCRIBE)	3		

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
 MEAN DIFFERENCE BETWEEN --  
 DYNAMIC AND STATIC GVW    1.03 STANDARD DEVIATION \_\_\_\_  
 DYNAMIC AND STATIC SINGLE AXLES    \_\_\_\_ STANDARD DEVIATION \_\_\_\_  
 DYNAMIC AND STATIC DOUBLE AXLES    \_\_\_\_ STANDARD DEVIATION \_\_\_\_
8. \_\_\_\_\_ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 60-65
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) Lead 0.95  
Trail 1.05
- 11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) \_\_\_\_  
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: \_\_\_\_\_

CLASSIFIER TEST SPECIFICS\*\*\*

- 12.\*\*\* METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:  
☐ VIDEO    ☐ MANUAL    ☒ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT    ☐ TIME    ☐ NUMBER OF TRUCKS
14. 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: Chris Evers  
 CONTACT INFORMATION: \_\_\_\_\_