

ENTERED MAY 29 2008

AI

SHEET 10  
LTPP TRAFFIC DATATRAFFIC 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)
2007	22965	3317	8072	1551	819

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#

573 751 0842

DATE PREPARED

1/22/2008

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-LTPP 07 DISK ID \_\_\_\_\_

BEGINNING DATE 1/1/07 BEGINNING TIME \_\_\_\_\_

ENDING DATE 12/31/07 ENDING TIME \_\_\_\_\_

COUNT DURATION 12 [ ] HOURS [ ] DAYS [✓] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER ✓ moDOT-state specific

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 pump 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>573-751-2842</u>
DATE PREPARED <u>1/22/08</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	[4034]

HIGHWAY RT. NO. (THIS SESSION) IS 435

MILEPOST NO. OR LOCATION (THIS SESSION) 6.38 (1 mile n 10 108<sup>th</sup> st)

FILENAME moDOT\_LTPP07 DISK ID \_\_\_\_\_

BEGINNING DATE 1/1/07 BEGINNING TIME \_\_\_\_\_

ENDING DATE 12/31/07 ENDING TIME \_\_\_\_\_

COUNT DURATION 12 [ ] HOURS [ ] DAYS ☒ MONTHS

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

EQUIPMENT MAKE/MODEL# IRD 1067

SENSOR TYPE pump cable 100ps

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in code 18-19 \_\_\_\_\_ 7-card FHWA 13 bin in code 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>Dana Fischer</u>	PHONE <u>523 7512842</u>
DATE PREPARED <u>1/22/08</u>	revised February 21, 2000

ENTERED MAY 29 2008

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

SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [11/19/2007]
- \* 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 LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY)  
☒ BARE ROUND PIEZO (FRAMIC) ☐ BARE FLAT PIEZO ☐ BENDS-IN-PLATE  
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☐ QUARTZ PIEZO  
☐ CHANNELIZED FLAT PIEZO ☒ INDUCTANCE LOOPS ☐ CAPACITANCE PADS  
☐ OTHER (SPECIFY) \_\_\_\_\_  
 EQUIPMENT MANUFACTURER IRD 1067

TRF-85

- \* CALIBRATION TECHNIQUE USED  
☐ TRAFFIC STREAM ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS  
 NUMBER OF TRUCKS COMPARED \_\_\_\_\_ NUMBER OF TEST TRUCKS USED 1  
 \_\_\_\_\_ PASSES PER TRUCK 8  
 TRUCK TYPE: SUSPENSION 9 2  
 FIVE PER FHWA 15 BIN SYSTEM  
 RESPONSE: ☐ AIR 1-LEAF SPRING ☐ OTHER (DESCRIBE) \_\_\_\_\_

- 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 \_\_\_\_\_

- NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED \_\_\_\_\_
- DEFINE THE SPEED RANGES USING MPH 60-65
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) Lead 0.95  
Trail 1.05
- \*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) \_\_\_\_\_  
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: \_\_\_\_\_

CLASSIFIER TEST SPECIFICS\*\*

- \*\* METHOD OF CALIBRATION USED TO DETERMINE CALIBRATION FACTOR  
☐ 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 \_\_\_\_\_

SCANNED

MAR 2 2008

PERSON LEADING CALIBRATION EFFORT: <u>Darla Fischer</u>
CONTACT INFORMATION: <u>513 781 0842</u>

rev. November 9, 1999