

**SHEET 10  
LTPP TRAFFIC DATA**

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

\*STATE ASSIGNED ID

0470 *wb*

\*STATE CODE

29

\*SHRP SECTION ID

5483

**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>15256</u>	<u>1523</u>	<u>7753</u>	<u>731</u>	<u>206</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**

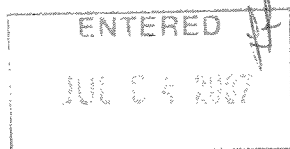
- ☐ ESAL/Truck factor (1)  
☒ ESAL/Vehicle class. (2) (No. of classes)  
☐ ESAL/Axle(3) Sing. \_\_\_\_\_ Tand. \_\_\_\_\_ Tri. \_\_\_\_\_  
☐ Other: (4) \_\_\_\_\_

**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) *not a wim site*

**8. WEIGHT SCALE TYPE**

- ☒ WIM scale. (1)  
☐ Static scale used for enforcement. (2)  
☐ Static scale not used for enforcement. (3)  
☒ Other: (4) *not a wim site*



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

PHONE# 573/751-2842

rev. March 12, 2001

**SHEET 10  
LTPP TRAFFIC DATA**

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

\*STATE ASSIGNED ID 0470 *wb*  
 \*STATE CODE 29  
 \*SHRP SECTION ID 5483

**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>15256</u>	<u>1523</u>	<u>7753</u>	<u>731</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 Darisa Fischer  
 DATE PREPARED 1/30/2007

PHONE# 573/751-0842

rev. March 12, 2001

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[0470]
	*STATE CODE	[29]
	*SHRP SECTION ID	[5483]

HIGHWAY RT. NO. (THIS COUNT) mo 210

MILEPOST NO. OR LOCATION (THIS COUNT) 7.55 (2.8 miles w/o mo 291)

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# Peek ADR 3000

SENSOR TYPE Piezoelectric 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>Donna 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	[0470]
	*STATE CODE	[29]
	*SHRP SECTION ID	[5483]

HIGHWAY RT. NO. (THIS SESSION) mo 210

MILEPOST NO. OR LOCATION (THIS SESSION) 7.55 (2.8 miles w/o mo 291)

FILENAME mo DOT 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 \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MAKE/MODEL# Peek ADR 3000

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 no wim collected

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Carla Fischer</u>	PHONE <u>573 751 2842</u>
DATE PREPARED <u>1/19/07</u>	revised February 21, 2000

<p align="center">SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY</p>	*STATE ASSIGNED ID	[0470]
	*STATE CODE	[29]
	*SHRP SECTION ID	[5483]

Count only  
Blank

SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) 1/21/2006
- \* 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 CERAMIC ☐ BARE FLAT PIEZO ☐ BENDING PLATES  
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☐ QUARTZ PIEZO  
☐ CHANNELIZED FLAT PIEZO ☒ INDUCTANCE LOOPS ☐ CAPACITANCE PADS  
☐ OTHER (SPECIFY) \_\_\_\_\_
- EQUIPMENT MANUFACTURER PEEK AND 3000

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  

TYPE PER FHWA 13 BIN SYSTEM	1	_____	_____
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	2	_____	_____
3 - OTHER (DESCRIBE)	3	_____	_____
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
 MEAN DIFFERENCE BETWEEN --  
 DYNAMIC AND STATIC GVW \_\_\_\_\_ 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) \_\_\_\_\_
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_
- \*\* 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: <u>Chris</u>
CONTACT INFORMATION: _____