

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID [0790] SB *STATE CODE [29] *SHRP SECTION ID [1008]
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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>2012</u>	<u>6298</u>	<u>907</u>	<u>3189</u>	<u>465</u>	<u>180</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)
☐ Averaged multiple counts taken this year at the LTPP site. (2)
☐ Averaged 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)
☐ Other: (3)

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

- ☐ System distribution factors. (2)
☒ Based on actual lane data count. (1)
☐ 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*

02-49 Flex

NAME OF PREPARER <u>Manny Chavez</u>	PHONE # <u>(573) 522-9465</u>	rev. March 12, 2001
DATE PREPARED <u>February 25, 2013</u>		

ENTERED
 27/MAY/2013
 C.O.

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0790]
	*STATE CODE	[29]
	*SHRP SECTION ID	[1008]

HIGHWAY RT. NO. (THIS COUNT) MO 171

MILEPOST NO. OR LOCATION (THIS COUNT) 1.2 miles s/o RTM

FILENAME _____ DISK ID _____

BEGINNING DATE 1/1/2012 BEGINNING TIME _____

ENDING DATE 12/31/2012 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# Peek, ADR 3000

SENSOR TYPE Piezo Cable, Inductance Loop

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 SUBMITTAL.

NAME OF PREPARER <u>Manny Chavez</u>	PHONE # <u>(573) 522-9465</u>
DATE PREPARED <u>February 25, 2013</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0790]
	*STATE CODE	[29]
	*SHRP SECTION ID	[1008]

HIGHWAY RT. NO. (THIS SESSION) NOT A WIM SITE

MILEPOST NO. OR LOCATION (THIS SESSION) _____

FILENAME _____ DISK ID _____

BEGINNING DATE _____ BEGINNING TIME _____

ENDING DATE _____ ENDING TIME _____

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# _____

SENSOR TYPE _____

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: _____ 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: _____

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA SUBMITTAL.

NAME OF PREPARER <u>Manny Chavez</u>	PHONE # <u>(573) 522-9465</u>
DATE PREPARED <u>February 25, 2013</u>	revised February 21, 2000

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[0790]
	*STATE CODE	[29]
	*SHRP SECTION ID	[1008]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) 09/11/2012
- * 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 PEELC

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	<u> </u>	<u> </u>
2	<u> </u>	<u> </u>
3	<u> </u>	<u> </u>

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 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

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27/MAY/2013
C.D.

13. METHOD TO DETERMINE LENGTH OF COUNT ____ TIME 24 NUMBER OF TRUCKS

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9 ____ 0

FHWA CLASS ____

*** FHWA CLASS 8 ____ 0

FHWA CLASS ____

FHWA CLASS ____

FHWA CLASS ____

*** PERCENT "UNCLASSIFIED" VEHICLES: ____ . ____

PERSON LEADING CALIBRATION EFFORT:

CONTACT INFORMATION: _____

rev: November 9, 1999