

Entered
21/Feb/2012
c.o.

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	[0555]	WB
	*STATE CODE	[29]	
	*SHRP SECTION ID	[1005]	

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>2011</u>	<u>17468</u>	<u>1385</u>	<u>5547</u>	<u>471</u>	<u>183</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)
☐ 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

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 M J CHAVEZ PHONE# 573-522-9465
DATE PREPARED 2-1-12 rev. March 12, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0555]
	*STATE CODE	[29]
	*SHRP SECTION ID	[1005]

HIGHWAY RT. NO. (THIS COUNT) US 54

MILEPOST NO. OR LOCATION (THIS COUNT) 1.0 MILES E/O RT V

FILENAME _____ DISK ID _____

BEGINNING DATE 1-1-2011 BEGINNING TIME _____

ENDING DATE 12-31-2011 ENDING TIME _____

COUNT DURATION 12 [] HOURS [] DAYS ☒ MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER MODOT

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, 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 FILE SUBMITTED.

NAME OF PREPARER <u>MJ CHAVEZ</u>	PHONE <u>573-522-9465</u>
DATE PREPARED <u>2-1-12</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0555]
	*STATE CODE	[29]
	*SHRP SECTION ID	[1005]

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 FILE SUBMITTED.

NAME OF PREPARER _____	PHONE _____
DATE PREPARED _____	revised February 21, 2000

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[0555]
	*STATE CODE	[27]
	*SHRP SECTION ID	[1005]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) 01/10/2011
- * 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 _____

*Count only
piezo's bad*

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
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: _____
CONTACT INFORMATION: _____ rev. November 9, 1999

Entered
Feb 28, 2012
C.O.

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[0555]
	*STATE CODE	[29]
	*SHRP SECTION ID	[1005]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/13/2011]
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 _____

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

☐ PASSES PER TRUCK
TRUCK TYPE SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM 1 _____
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 _____ 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) _____
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) _____
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFIC ***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☐ MANUAL ☐ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☒ 28 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 _____
FHWA CLASS _____
FHWA CLASS _____
- *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT: _____
CONTACT INFORMATION: _____

rev. November 9, 1999