

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0441]
	*STATE CODE	[29]
	*SHRP SECTION ID	[0900]

HIGHWAY RT. NO. (THIS COUNT) US 65

MILEPOST NO. OR LOCATION (THIS COUNT) 5.2 (3.0 mi. N/C Pres. H + HH)

FILENAME LTPP.2IP DISK ID M.DOT LTPP Data 2004

BEGINNING DATE 1/1/04 BEGINNING TIME _____

ENDING DATE 12/31/04 ENDING TIME _____

COUNT DURATION 12 [] HOURS [] DAYS ☒ MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: Scheme F 13class 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 / Inductance 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>Mary L. Kladiva</u>	PHONE <u>573-526-4902</u>
DATE PREPARED <u>02/02/05</u>	revised November 11, 1999

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[0441]
	*STATE CODE	[29]
	*SHRP SECTION ID	[0900]

HIGHWAY RT. NO. (THIS SESSION) US 65

MILEPOST NO. OR LOCATION (THIS SESSION) 5.2 (3.0 mi. No Pte. H & HH)

FILENAME LTPP. 2IP DISK ID MoDot LTPP Data 2004

BEGINNING DATE 1/1/04 BEGINNING TIME _____

ENDING DATE 12/31/04 ENDING TIME _____

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

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

EQUIPMENT MAKE/MODEL# IRD/1067

SENSOR TYPE Piezo Cable/ Inductance 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: _____ 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 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Combination of test & traffic stream trucks

COMMENTS _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Mary L. Kladiya</u>	PHONE <u>513-526-4907</u>
DATE PREPARED <u>02/02/05</u>	revised February 21, 2000

SHEET 15
LTPP TRAFFIC DATA

**LOG OF CHANGE AT LTPP TEST
LOCATIONS WITH PERM. AVC OR WIM**

*STATE ASSIGNED ID

[0441]

*STATE CODE

[29]

*SHRP SECTION ID

[0900]

LOCATION US 65 3.0 mi. W/O Res. H-4 AH TYPE EQUIP. IRD
MP# 5.2 MODEL # 1067

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
1/28/04		Reinitialized modem & machine	Curt Evers		
6/8/04		adjusted sensors	Rich Branum		
7/13/04		counting 0's/verified	Curt Evers		
7/27/04		replaced unit	Steve Sanning		
8/4/04		adjusted piezo & verified	Curt Evers, Steve Sanning		
8/11/04		upclass. high - adjusted	Curt Evers		
10/1/04		Installed new unit	Rich Branum		
10/10/04		adjusted loops	Tom Jones		

revised November 11, 1999

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	[044]	SW
	*STATE CODE	[29]	
	*SHRP SECTION ID	[0900]	

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)
1997					
2004	See MO - sheet 10 Spreadsheet				

2. METHOD FOR ESTIMATING TOTAL VEHICLE
AADT (TWO-WAY)

- ☒ Growth factored last year=s estimate. (6) (1997 Data Only)
- ☐ 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) (1997 Data Only)
- ☐ 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: _____

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)

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 Mary L. Klavon

DATE PREPARED May 2006

PHONE# 573-526-4907

rev. March 12, 2001

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[0441]
	*STATE CODE	[29]
	*SHRP SECTION ID	[0900]

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Rec'd
Before?
please
check
BA

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [12/03/2004]
- * 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 IRD 1067

ENTERED FEB 1 2/2006

DM

WIM SYSTEM CALIBRATION SPECIFICS**

- ** CALIBRATION TECHNIQUE USED:
☒ TRAFFIC STREAM -- ☒ STATIC SCALE (Y/N) ☐ TEST TRUCKS
 ___ 6 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 ___ 1.0 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) 55 - 70
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) ___ 1.00 lead
1.00 trail
- ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
 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: Tom Jones
 CONTACT INFORMATION: 573-659-4012

rev. November 9, 1999