

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[106 EB]
	*STATE CODE	[42]
	*SHRP SECTION ID	[9027]

HIGHWAY RT. NO. (THIS COUNT) I-78

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0340

FILENAME: C429027.11L ✓ DISK ID

BEGINNING DATE 01/01/11 BEGINNING TIME 12:00 am

ENDING DATE 03/31/11 ENDING TIME 11:59 pm

COUNT DURATION 90 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT X

EQUIPMENT MAKE/MODEL# iSINC - (IRD)

SENSOR TYPE KISTLER PIEZO

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: ATR continuous counts used to develop seasonal adjustment factors which are applied to all 24 hour raw counts by month and by day of week.

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) NA

COMMENTS :

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Todd Rottet</u>	PHONE <u>717-787-4574</u>
DATE PREPARED <u>07/18/2011</u>	revised: May 23, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[106 EB]
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HIGHWAY RT. NO. (THIS COUNT) I-78

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0340

FILENAME: C429027.F1L ✓ DISK ID _____

BEGINNING DATE 04/01/11 BEGINNING TIME 12:00 am

ENDING DATE 06/30/11 ENDING TIME 11:59 pm

COUNT DURATION 91 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 BIN SYSTEM.

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COMMENTS : _____

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NAME OF PREPARER <u>Todd Rottet</u>	PHONE <u>717-787-4574</u>
DATE PREPARED <u>07/22/2011</u>	revised: May 23, 2001

**SHEET 12
LTPP TRAFFIC DATA**

**CLASSIFICATION DATA
TRANSMITTAL FORM**

*STATE ASSIGNED ID [106 EB]

*STATE CODE [42]

*SHRP SECTION ID [9027]

HIGHWAY RT. NO. (THIS COUNT) I-78

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0340

FILENAME: C429027.IIL ✓ DISK ID _____

BEGINNING DATE 07/01/11 BEGINNING TIME 12:00 am

ENDING DATE 09/30/11 ENDING TIME 11:59 pm

COUNT DURATION 92 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 BIN SYSTEM.

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COMMENTS : _____

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NAME OF PREPARER Todd Rottet PHONE 717-787-4574
DATE PREPARED 12/30/2011 revised: May 23, 2001

**SHEET 12
LTPP TRAFFIC DATA**

**CLASSIFICATION DATA
TRANSMITTAL FORM**

*STATE ASSIGNED ID [106 EB]

*STATE CODE [42]

*SHRP SECTION ID [9027]

HIGHWAY RT. NO. (THIS COUNT) I-78

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0340

FILENAME: C429027.L1L DISK ID _____

BEGINNING DATE 10/01/11 BEGINNING TIME 12:00 am

ENDING DATE 12/05/11 ENDING TIME 11:59 pm

COUNT DURATION 66 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL# iSINC - (IRD) installed on May 6th, 2009

SENSOR TYPE KISTLER PIEZO

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: ATR continuous counts used to develop seasonal adjustment factors which are applied to
all 24 hour raw counts by month and by day of week.

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) NA

COMMENTS: Fall Calibration completed Oct 25, 2011. See attached sheet 16 results.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Andrew O'Neill PHONE 717-364-3250
DATE PREPARED 01/09/2012 revised: May 23, 2001

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[106 EB]
	*STATE CODE	[42]
	*SHRP SECTION ID	[9027]

HIGHWAY RT. NO. (THIS SESSION) I-99

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W429027.11L ✓ DISK ID _____

BEGINNING DATE 01/01/11 BEGINNING TIME 12:00 am

ENDING DATE 03/31/11 ENDING TIME 11:59 pm

COUNT DURATION 90 [] HOURS [X] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# iSINC – (IRD) installed on November 7th, 2007

SENSOR TYPE KISTLER PIEZO

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 X 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: Test trucks, Spring and Fall

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	<u>Todd Rottet</u>	PHONE: <u>717-787-4574</u>
DATE PREPARED	<u>07/18/2011</u>	revised May 23, 2001

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[106 EB]
	*STATE CODE	[42]
	*SHRP SECTION ID	[9027]

HIGHWAY RT. NO. (THIS SESSION) I-99

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W429027.FIL ☒ DISK ID _____

BEGINNING DATE 04/01/11 BEGINNING TIME 12:00 am

ENDING DATE 06/30/11 ENDING TIME 11:59 pm

COUNT DURATION 91 [] HOURS [X] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# iSINC – (IRD) installed on November 7th, 2007

SENSOR TYPE KISTLER PIEZO

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23
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METHOD OF CALIBRATION AND FREQUENCY: Test trucks, Spring and Fall

COMMENTS: _____

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NAME OF PREPARER <u>Todd Rottet</u>	PHONE: <u>717-787-4574</u>
DATE PREPARED <u>07/22/2011</u>	revised May 23, 2001

SHEET 13
LTPP TRAFFIC DATA
VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [106 EB]
*STATE CODE [42]
*SHRP SECTION ID [9027]

HIGHWAY RT. NO. (THIS SESSION) I-99

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W429027.I1L ✓ DISK ID _____

BEGINNING DATE 07/01/11 BEGINNING TIME 12:00 am

ENDING DATE 09/30/11 ENDING TIME 11:59 pm

COUNT DURATION 92 [] HOURS [X] DAYS [] MONTHS

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COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Todd Rottet PHONE: 717-787-4574
DATE PREPARED 12/30/2011 revised May 23,
2001

SHEET 13
LTPP TRAFFIC DATA
VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [106 EB]

*STATE CODE [42]

*SHRP SECTION ID [9027]

HIGHWAY RT. NO. (THIS SESSION) I-99

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W429027.L1L DISK ID _____

BEGINNING DATE 10/01/11 BEGINNING TIME 12:00 am

ENDING DATE 12/05/11 ENDING TIME 11:59 pm

COUNT DURATION 66 [] HOURS [X] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# iSINC - (IRD) installed on May 6th, 2009

SENSOR TYPE KISTLER PIEZO

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23 _____
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SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION
SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Test trucks, Fall

COMMENTS: Fall Calibration completed Oct 22, 2011. See attached sheet 16 results.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Andrew O'Neill PHONE: 717-787-4574
DATE PREPARED 01/09/2012 revised May 23,
2001

30/May/2012 C.O.

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [106 E]
*STATE CODE []
*SHRP SECTION ID [902]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/25/2011]
2. * TYPE OF EQUIPMENT CALIBRATED _ WIM _ CLASSIFIER _ X _ BOTH
3. * REASON FOR CALIBRATION
X 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 _____ X Kistler QUARTZ PIEZO
 _____ CHANNELIZED FLAT PIEZO _____ X INDUCTANCE LOOPS _____ CAPACITANCE PADS
 _____ OTHER (SPECIFY) _____ Kistler Quartz Piezoelectric _____
5. EQUIPMENT MANUFACTURER IRD - iSINC

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
 _____ TRAFFIC STREAM -- _____ STATIC SCALE (Y/N) _____ X TEST TRUCKS
 _____ NUMBER OF TRUCKS COMPARED _ 1 _ NUMBER OF TEST TRUCKS USED

	<u>10</u>	PASSES PER TRUCK
TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	<u>1</u>	<u>1</u>
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	<u>2</u>	
3 - OTHER (DESCRIBE)	<u>3</u>	
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN --- See attached calibration form below.
 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) 61-66
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) Not known
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
___ VIDEO X MANUAL ___ PARALLEL CLASSIFIERS

13. METHOD TO DETERMINE LENGTH OF COUNT ___ TIME ___ NUMBER OF TRUCKS

14. 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: Steven Schroeder – IRD / Joni Sharp - PennDOT

CONTACT INFORMATION: Andrew O'Neill 717-346-3250

rev. Novemb

*** See below for full calibration information:

