

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0214

FILENAME: C421606.C1Q ✓ DISK ID _____

BEGINNING DATE 01/01/16 BEGINNING TIME 12:00 am

ENDING DATE 03/31/16 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.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

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

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>Andrew O'Neill</u>	PHONE <u>717-346-3250</u>
DATE PREPARED <u>6/29/2016</u>	revised: May 23, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0214

FILENAME: C421606.F1Q ✓ DISK ID _____

BEGINNING DATE 04/01/16 BEGINNING TIME 12:00 am

ENDING DATE 04/03/16 ENDING TIME 11:59 pm

COUNT DURATION 3 [] 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 November 7th, 2007

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>Andrew O'Neill</u>	PHONE <u>717-346-3250</u>
DATE PREPARED <u>09/07/2016</u>	revised: May 23, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0214

FILENAME: C421606.IEQ DISK ID _____

BEGINNING DATE 07/15/16 BEGINNING TIME 12:00 am

ENDING DATE 08/31/16 ENDING TIME 11:59 pm

COUNT DURATION 48 [] 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 November 7th, 2007

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>Andrew O'Neill</u>	PHONE <u>717-346-3250</u>
DATE PREPARED <u>12/07/2016</u>	revised: May 23, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0214

FILENAME: C421606.MAQ ✓ DISK ID _____

BEGINNING DATE 11/11/16 BEGINNING TIME 12:00 am

ENDING DATE 11/18/16 ENDING TIME 11:59 pm

COUNT DURATION 8 [] 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 November 7th, 2007

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>Andrew O'Neill</u>	PHONE <u>717-346-3250</u>
DATE PREPARED <u>3/24/2017</u>	revised: <u>May 23, 2001</u>

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0214

FILENAME: C421606.NMO ✓ DISK ID _____

BEGINNING DATE 12/23/16 BEGINNING TIME 12:00 am

ENDING DATE 12/26/16 ENDING TIME 11:59 pm

COUNT DURATION 4 [] 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 November 7th, 2007

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>Andrew O'Neill</u>	PHONE <u>717-346-3250</u>
DATE PREPARED <u>3/24/2017</u>	revised: <u>May 23, 2001</u>

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W421606.C1Q ✓ DISK ID _____

BEGINNING DATE 01/01/16 BEGINNING TIME 12:00 am

ENDING DATE 03/31/16 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
 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, Fall

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew O'Neill</u>	PHONE: 717-346-3250
DATE PREPARED <u>6/29/2016</u>	revised: May 23, 2001

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W421606.F1Q ✓ DISK ID _____

BEGINNING DATE 04/01/16 BEGINNING TIME 12:00 am

ENDING DATE 04/03/16 ENDING TIME 11:59 pm

COUNT DURATION 3 [] 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, Fall

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew O'Neill</u>	PHONE: <u>717-346-3250</u>
DATE PREPARED <u>09/07/2016</u>	revised: May 23, 2001

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W421606.IEQ DISK ID _____

BEGINNING DATE 07/15/16 BEGINNING TIME 12:00 am

ENDING DATE 08/31/16 ENDING TIME 11:59 pm

COUNT DURATION 48 [] 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, Fall

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew O'Neill</u>	PHONE: <u>717-346-3250</u>
DATE PREPARED <u>12/07/2016</u>	revised: <u>May 23, 2001</u>

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W421606.MAQ ✓ DISK ID _____

BEGINNING DATE 11/11/16 BEGINNING TIME 12:00 am

ENDING DATE 11/18/16 ENDING TIME 11:59 pm

COUNT DURATION 8 [] 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, Fall

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew O'Neill</u>	PHONE: <u>717-346-3250</u>
DATE PREPARED <u>03/24/2017</u>	revised: May 23, 2001

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[317]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1606]

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

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0214

FILENAME W421606.NMQ ✓ DISK ID _____

BEGINNING DATE 12/23/16 BEGINNING TIME 12:00 am

ENDING DATE 12/26/16 ENDING TIME 11:59 pm

COUNT DURATION 4 [] 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, Fall

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Andrew O'Neill</u>	PHONE: <u>717-346-3250</u>
DATE PREPARED <u>03/24/2017</u>	revised: May 23, 2001

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [317]
*STATE CODE [42]
*SHRP SECTION ID [1606]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [9 / 21 / 2016]
2. * TYPE OF EQUIPMENT CALIBRATED ___ WIM ___ CLASSIFIER X BOTH
3. * REASON FOR CALIBRATION
X REGULARLY SCHEDULED SITE VISIT
___ EQUIPMENT REPLACEMENT
___ DATA TRIGGERED SYSTEM REVISION
___ RESEARCH
___ TRAINING
___ NEW EQUIPMENT
INSTALLATION
___ LTPP VALIDATION
___ LTPP ASSESSMENT
___ 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) _____
5. EQUIPMENT MANUFACTURER ___ IRD - iSINC _____

WIM SYSTEM CALIBRATION SPECIFICS**

6.**CALIBRATION TECHNIQUE USED:

PROTOCOL: a. SOURCE

b. BASIC METHOD

___ NUMBER OF TRUCKS COMPARED

1 NUMBER OF TEST TRUCKS USED

TYPE PER FHWA 13 BIN SYSTEM

SUSPENSION: 1 - AIR; 2 - LEAF SPRING

3 - OTHER (DESCRIBE)

10 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	<u>9</u>	<u>1</u>
2	___	___
3	___	___

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---

DYNAMIC AND STATIC GVW

2.2

STANDARD DEVIATION 1.4

DYNAMIC AND STATIC SINGLE AXLES

1.0

STANDARD DEVIATION 1.1

DYNAMIC AND STATIC DOUBLE AXLES

2.5

STANDARD DEVIATION 1.9

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 67

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

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** TMG CLASS _____ TMG CLASS _____
 TMG CLASS _____ TMG CLASS _____
 TMG CLASS _____ TMG CLASS _____

*** PERCENT "UNCLASSIFIED" VEHICLES: _____.

CONTACT INFORMATION: Andrew O'Neill 717 346 3250

rev. March 24, 2009

ENTERED
23 / FEB / 2017