

SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): **US-202**

MILEPOST NO. OR LOCATION (THIS COUNT): **MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179**

FILENAME: C341033.C4M ✓

DISK ID:

BEGINNING DATE: **01-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **01-31-2012**

ENDING TIME: **24:00**

COUNT DURATION: **1**

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: **N/A**

NO. OF BINS: **N/A**

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#: **International Road Dynamics' iSINC Piezo WIM System.**

SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.**

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: Due to system problems, no data on January 1, 2 and 3.

NAME OF PREPARER: **Mahmood Afrina Khandakar**
DATE PREPARED: **February 24, 2012**

PHONE: **(609) 530-3508**

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.D1M ✓

DISK ID:

BEGINNING DATE: *02-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *02-29-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A* NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *Mahmood Afrina Khandakar*
DATE PREPARED: *March 27, 2012*

PHONE: *(609) 530-3508*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.E1M ✓

DISK ID:

BEGINNING DATE: *03-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *03-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1*

[] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A*

NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *April 13, 2012*

PHONE: *(609)-530-2667*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.F1M ✓

DISK ID:

BEGINNING DATE: *04-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *04-30-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1*

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X*

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A*

NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *Eric M. Oberle*

PHONE: *(609)-530-2667*

DATE PREPARED: *May 17, 2012*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.G1M ✓

DISK ID:

BEGINNING DATE: *05-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A* NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *Eric M. Oberle*

PHONE: *(609)-530-2667*

DATE PREPARED: *June 7, 2012*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.H1M ✓

DISK ID:

BEGINNING DATE: *06-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *06-30-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1*

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X*

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A*

NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *July 9, 2012*

PHONE: *(609)-530-2667*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): **US-202**

MILEPOST NO. OR LOCATION (THIS COUNT): **MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179**

FILENAME: C341033.I1M ✓

DISK ID:

BEGINNING DATE: **07-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **07-31-2012**

ENDING TIME: **24:00**

COUNT DURATION: **1** [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA **X** OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: **N/A** NO. OF BINS: **N/A**

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#: **International Road Dynamics' iSINC Piezo WIM System.**

SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.**

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: Eric M. Oberle	PHONE: (609)-530-2667
DATE PREPARED: August 13, 2012	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.J1M ✓

DISK ID:

BEGINNING DATE: *08-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *08-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A* NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>September 14, 2012</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.K1M ✓

DISK ID:

BEGINNING DATE: *09-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *09-30-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A* NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>October 15, 2012</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile
South of Route NJ - 179*

FILENAME: C341033.L1M

DISK ID:

BEGINNING DATE: *10-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *10-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A* NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two (2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY
CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *LOW VOLUMES ON OCTOBER 28-31 DUE TO HURRICANE SANDY.*

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>November 19, 2012</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.M1M ✓

DISK ID:

BEGINNING DATE: *11-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *11-30-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A* NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *No class data on November 2-8 due to system problem.*

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>December 11, 2012</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS COUNT): *US-202*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: C341033.N1M ✓

DISK ID:

BEGINNING DATE: *12-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *12-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A* NO. OF BINS: *N/A*

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#: *International Road Dynamics' iSINC Piezo WIM System.*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: No class data on December 29 due to system problem.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>January 10, 2013</i>	

SHEET 13
LTTP TRAFFIC DATA

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [US-202]
*STATE CODE [3 4]
*SHRP SECTION ID [1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): *US-202*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: W341033.C4M ✓
V341033.C4M

DISK ID:

BEGINNING DATE: *01-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *01-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# *International Road Dynamics iSINC Piezo WIM System*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)*

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: *Calibration is field validated on each site once a year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the calibration vehicles and the weights recorded are averaged using only the consistently measured GVW. Another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS: Due to system problems, no data on January 1, 2 and 3.

NAME OF PREPARER: *Mahmood Afrina Khandakar*
DATE PREPARED: *February 24, 2012*

PHONE: *(609)-530-3508*

SHEET 13
LTPP TRAFFIC DATA

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [US-202]
*STATE CODE [3 4]
*SHRP SECTION ID [1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): **US-202**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179**

FILENAME: W341033.D1M ✓
V341033.D1M

DISK ID:

BEGINNING DATE: **02-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **02-29-2012**

ENDING TIME: **24:00**

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# **International Road Dynamics iSINC Piezo WIM System**

SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)**

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: **Calibration is field validated on each site once a year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the calibration vehicles and the weights recorded are averaged using only the consistently measured GVW. Another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.**

COMMENTS:

NAME OF PREPARER: **Mahmood Afrina Khandakar**

PHONE: **(609)-530-3508**

DATE PREPARED: **March 27, 2012**

SHEET 13
LTPP TRAFFIC DATA

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [US-202]
*STATE CODE [3 4]
*SHRP SECTION ID [1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): *US-202*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: W341033.E1M
V341033.E1M

DISK ID:

BEGINNING DATE: *03-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *03-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# *International Road Dynamics iSINC Piezo WIM System*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)*

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: *Calibration is field validated on each site once a year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the calibration vehicles and the weights recorded are averaged using only the consistently measured GVW. Another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS:

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *April 13, 2012*

PHONE: *(609)-530-2667*

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID

[US-202]

*STATE CODE

[3 4]

*SHRP SECTION ID

[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): **US-202**MILEPOST NO. OR LOCATION (THIS SESSION): **MP.3.5, East Amwell Township, 1 mile
South of Route NJ - 179**FILENAME: W341033.F1M
V341033.F1M

DISK ID:

BEGINNING DATE: **04-01-2012**BEGINNING TIME: **00:00**ENDING DATE: **04-30-2012**ENDING TIME: **24:00**

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM **X** OTHEREQUIPMENT MAKE/MODEL# **International Road Dynamics iSINC Piezo WIM System**SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)**

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19

7-card 6 digit Truck Weight study

7-card FHWA 13 bin in cols. 22-23

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: *Calibration is field validated on each site once a year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the calibration vehicles and the weights recorded are averaged using only the consistently measured GVW. Another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS:

NAME OF PREPARER: **Eric M. Oberle**PHONE: **(609)-530-2667**DATE PREPARED: **May 17, 2012**

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID

[US-202]

*STATE CODE

[3 4]

*SHRP SECTION ID

[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): *US-202*MILEPOST NO. OR LOCATION (THIS SESSION): *MP.3.5, East Amwell Township, 1 mile
South of Route NJ - 179*FILENAME: W341033.G1M ✓
V341033.G1M

DISK ID:

BEGINNING DATE: *05-01-2012*BEGINNING TIME: *00:00*ENDING DATE: *05-31-2012*ENDING TIME: *24:00*

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM *X* OTHEREQUIPMENT MAKE/MODEL# *International Road Dynamics iSINC Piezo WIM System*SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)*

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: *Calibration is field validated on each site once a
year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum
of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent
of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the
calibration vehicles and the weights recorded are averaged using only the consistently measured GVW.
Another 10 or more passes are then made after inputting the new changes to confirm the calibration
tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS:

NAME OF PREPARER: *Eric M. Oberle*PHONE: *(609)-530-2667*DATE PREPARED: *June 7, 2012*

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 1]

HIGHWAY RT. NO. (THIS SESSION): **NJ-55**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 36.5, Vineland Township, 2.8 miles South of Route US-40.**

FILENAME : W341031. H1M ✓ DISK ID:
V341031. H1M

BEGINNING DATE: **06-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **06-30-2012**

ENDING TIME: **24:00**

COUNT DURATION: **1** [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# **International Road Dynamics iSINC Piezo WIM System**

SENSOR TYPE: **Each lane has two (2) loops and two (2) Class I piezoelectric WIM sensors, (L-P-P-L) configuration.**

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19
7-card 6 digit Truck Weight study

7-card FHWA 13 bin in cols. 22-23
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: **Calibration is field validated on each site once a year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the calibration vehicles and the weights recorded are averaged using only the consistently measured GVW. Another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.**

COMMENTS:

NAME OF PREPARER: Eric M. Oberle	PHONE: (609)-530-2667
DATE PREPARED: July 9, 2012	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): *US-202*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: W341033.I1M ✓
V341033.I1M

DISK ID:

BEGINNING DATE: *07-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *07-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# *International Road Dynamics iSINC Piezo WIM System*

SENSOR TYPE: *Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)*

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: *Calibration is field validated on each site once a year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the calibration vehicles and the weights recorded are averaged using only the consistently measured GVW. Another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS:

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *August 13, 2012*

PHONE: *(609)-530-2667*

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): **US-202**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179**

FILENAME: W341033.J1M
V341033.J1M

DISK ID:

BEGINNING DATE: **08-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **08-31-2012**

ENDING TIME: **24:00**

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# **International Road Dynamics iSINC Piezo WIM System**

SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)**

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: *Calibration is field validated on each site once a year using one 3S2 vehicle loaded and statically weighed at about 70,000 to 80,000 pounds. A minimum of 20 passes is made per lane at highway speeds or until a consistent calibration tolerance of ± 5 percent of the gross test vehicle weight is achieved. The initial run consists of about 10 or more passes of the calibration vehicles and the weights recorded are averaged using only the consistently measured GVW. Another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS:

NAME OF PREPARER: Eric M. Oberle	PHONE: (609)-530-2667
DATE PREPARED: September 14, 2012	

SHEET 13 LTTP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): **US-202**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179**

FILENAME: W341033.K1M ✓
V341033.K1M

DISK ID:

BEGINNING DATE: **09-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **09-30-2012**

ENDING TIME: **24:00**

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# **International Road Dynamics iSINC Piezo WIM System**

SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)**

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.

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COMMENTS:

NAME OF PREPARER: Eric M. Oberle	PHONE: (609)-530-2667
DATE PREPARED: October 15, 2012	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): *US-202*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179*

FILENAME: W341033.L1M
V341033.L1M

DISK ID:

BEGINNING DATE: *10-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *10-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# *International Road Dynamics iSINC Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)*

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.

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COMMENTS: LOW VOLUMES ON OCTOBER 28-31 DUE TO HURRICANE SANDY.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>November 19, 2012</i>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): **US-202**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179**

FILENAME: W341033.M1M ✓
V341033.M1M

DISK ID:

BEGINNING DATE: **11-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **11-30-2012**

ENDING TIME: **24:00**

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# **International Road Dynamics iSINC Piezo WIM System**

SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)**

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19
7-card 6 digit Truck Weight study

7-card FHWA 13 bin in cols. 22-23
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.

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COMMENTS: **No weight or volume data on November 2-8 due to system problem.**

NAME OF PREPARER: Eric M. Oberle	PHONE: (609)-530-2667
DATE PREPARED: December 11, 2012	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[US-202]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 3]

HIGHWAY RT. NO. (THIS SESSION): **US-202**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP.3.5, East Amwell Township, 1 mile South of Route NJ - 179**

FILENAME: W341033.N1M ✓
V341033.N1M

DISK ID:

BEGINNING DATE: **12-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **12-31-2012**

ENDING TIME: **24:00**

COUNT DURATION: 1 [] HOURS [] DAYS [X] MONTHS

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

EQUIPMENT MAKE/MODEL# **International Road Dynamics iSINC Piezo WIM System**

SENSOR TYPE: **Each lane has two(2) loops and two (2) class I piezoelectric WIM sensors.(L-P-P-L)**

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.

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COMMENTS: No weight or volume data on December 29 due to system problem.

NAME OF PREPARER: Eric M. Oberle	PHONE: (609)-530-2667
DATE PREPARED: January 10, 2013	

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [US-202] *STATE CODE [34] *SHRP SECTION ID [1033]
--	--

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [08 / 23 / 2012]
2. * TYPE OF EQUIPMENT CALIBRATED X WIM CLASSIFIER BOTH
3. * REASON FOR CALIBRATION

<u> </u> REGULARLY SCHEDULED SITE VISIT <u> </u> EQUIPMENT REPLACEMENT <u> </u> DATA TRIGGERED SYSTEM REVISION <u> </u> LTPP VALIDATION <u> X </u> OTHER (SPECIFY) <u> SEMI-ANNUAL CALIBRATION </u>	<u> </u> RESEARCH <u> </u> TRAINING <u> </u> NEW EQUIPMENT INSTALLATION <u> </u> LTPP ASSESSMENT
---	---
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

<u> </u> BARE ROUND PIEZO CERAMIC	<u> X </u> BARE FLAT PIEZO	<u> </u> BENDING PLATES
<u> </u> CHANNELIZED ROUND PIEZO	<u> </u> LOAD CELLS	<u> </u> QUARTZ PIEZO
<u> </u> CHANNELIZED FLAT PIEZO	<u> X </u> INDUCTANCE LOOPS	<u> </u> CAPACITANCE PADS
<u> </u> OTHER (SPECIFY) _____		
5. EQUIPMENT MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.**CALIBRATION TECHNIQUE USED:

PROTOCOL: a. SOURCE <u> 34/IRD </u> <u> 10/11/12 </u> <u> 1 </u> NUMBER OF TRUCKS COMPARED TYPE PER FHWA 13 BIN SYSTEM SUSPENSION: 1 - AIR; 2 - LEAF SPRING 3 - OTHER (DESCRIBE) _____	b. BASIC METHOD <u> T </u> <u> 1 </u> NUMBER OF TEST TRUCKS USED <u> 10 </u> PASSES PER TRUCK <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">TRUCK</th> <th style="text-align: left;">TYPE</th> <th style="text-align: left;">SUSPENSION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><u> CLASS 9 </u></td> <td><u> 1 </u></td> </tr> <tr> <td>2</td> <td><u> </u></td> <td><u> </u></td> </tr> <tr> <td>3</td> <td><u> </u></td> <td><u> </u></td> </tr> </tbody> </table>	TRUCK	TYPE	SUSPENSION	1	<u> CLASS 9 </u>	<u> 1 </u>	2	<u> </u>	<u> </u>	3	<u> </u>	<u> </u>
TRUCK	TYPE	SUSPENSION											
1	<u> CLASS 9 </u>	<u> 1 </u>											
2	<u> </u>	<u> </u>											
3	<u> </u>	<u> </u>											

7. SUMMARY CALIBRATION RESULTS

STATIC GVW <u> (\$)74.96 </u> <u> 2.1% </u>	
STANDARD DEVIATION BY LANE:	
SB_SLOW (LANE 1)	sensor 1: <u> 0.75 </u> sensor 2: <u> 0.75 </u> → <u> 0.8 </u>
SB_PASS (LANE 2)	sensor 1: <u> 3.19 </u> sensor 2: <u> 3.19 </u>
NB_PASS (LANE 3)	sensor 1: <u> 0.56 </u> sensor 2: <u> 0.56 </u>
NB_SLOW (LANE 4)	sensor 1: <u> 1.26 </u> sensor 2: <u> 1.26 </u>

Please see accomp. Data file:
CDS_202_1033.xls

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 50-55

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED):
- | | | | |
|---------|----------|-----------------|------------------|
| SB_SLOW | (Lane 1) | sensor 1: 8855 | sensor 2: 9346 ← |
| SB_PASS | (Lane 2) | sensor 1: 11652 | sensor 2: 8775 |
| NB_PASS | (Lane 3) | sensor 1: 11580 | sensor 2: 10311 |
| NB_SLOW | (Lane 4) | sensor 1: 8564 | sensor 2: 10159 |

- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y

IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: The auto-calibration is defined in 24 hours intervals. The method is set to *adjust after 50 trucks*, the number of auto-calibration class 9 trucks for the interval and the sum of front axle weights for the period are calculated and added to a running totals read from the ASCII file. If the number of trucks is less than 50 *trucks required before adjust*, then the new count and sum are stored in the file. If the number of accumulated trucks is greater than the user entered, then, as above, the error between the calculated mean front axle weight and the user entered Population Mean is determined. Temperature sensor is another factor that has an influence on auto-calibration process.

CLASSIFIER TEST SPECIFICS***

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

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

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** TMG CLASS 9 _____ TMG CLASS _____
 TMG CLASS _____ TMG CLASS _____
 TMG CLASS _____ TMG CLASS _____

*** PERCENT "UNCLASSIFIED" VEHICLES: _____ . _____

PERSON LEADING CALIBRATION EFFORT: DEAN WOLF, APPLIED RESEARCH ASSOCIATES (ARA)
 CONTACT INFORMATION: ERIC OBERLE (609) 530-2667

Calibration Data

August 23, 2012

US-202 , MP 3.5
SHRP ID: 341033Calib. Truck:
Class 9 Vehicle

Static Weight (KIPS):

GVW:
Front:74.96
9.16

	<u>Lane 1 (SB-S)</u>		<u>Lane 2 (SB-P)</u>	
	Sensor #1 (Ch.0)	Sensor #2 (Ch.1)	Sensor #1 (Ch.2)	Sensor #2 (Ch.3)
Old Cal. Factors:	9,070	9,470	12,076	9,094
Meas. GVW	77.8	77.8	75.3	75.3
	76.2	76.2	74.6	74.6
	75.8	75.8	77.2	77.2
	76.5	76.5	76.9	76.9
	76.5	76.5	75.8	75.8
Adj. Cal. Factors:	8,855	9,246	11,803	8,889
Meas. GVW			78.2	78.2
			70.5	70.5
			78.0	78.0
			77.1	77.1
			76.7	76.7
Adj. Cal. Factors:	8,855	9,346	11,652	8,775
Standard Deviation:	0.75	0.75	3.19	3.19
Final Cal. Factors:	8,855	9,346	11,652	8,775

	<u>Lane 3 (NB-P)</u>		<u>Lane 4 (NB-S)</u>	
	Sensor #1 (Ch.0)	Sensor #2 (Ch.1)	Sensor #1 (Ch.2)	Sensor #2 (Ch.3)
Old Cal. Factors:	11,966	10,655	8,430	10,000
Meas. GVW	73.8	73.8	75.4	75.4
	75	75	73.7	73.7
	74.4	74.4	73.7	73.7
	76.1	76.1	71.9	71.9
	75.6	75.6	74.2	74.2
Adj. Cal. Factors:	11,832	10,536	8,564	10,159
Meas. GVW	76.7	76.7		
	75.7	75.7		
	76.9	76.9		
	76.6	76.6		
	77.2	77.2		
Adj. Cal. Factors:	11,580	10,311	8,564	10,159
Standard Deviation:	0.56	0.56	1.26	1.26
Final Cal. Factors:	11,580	10,311	8,564	10,159