

SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.C1N ✓

DISK ID:

BEGINNING DATE: *01-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *01-31-2013*

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 SOUTH_BOUND DUE TO SYSTEM PROBLEM. NO CLASS DATA NORTHBOUND ON JANUARY 16 AND 28 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>February 13, 2013</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.D0N

DISK ID:

BEGINNING DATE: *02-10-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *02-28-2013*

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 SOUTHBOUND ON FEBRUARY 1-9 AND NORTHBOUND ON FEBRUARY 8-9 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>March 27, 2013</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.E1N ✓

DISK ID:

BEGINNING DATE: *03-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *03-31-2013*

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 NORTHBOUND DUE TO SYSTEM PROBLEM. NO CLASS DATA SOUTHBOUND ON MARCH 18-22 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: *Eric M. Oberle*

PHONE: *(609)-530-2667*

DATE PREPARED: *April 23, 2013*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.FIN ✓

DISK ID:

BEGINNING DATE: *04-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *04-30-2013*

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 NORTHBOUND DUE TO SYSTEM PROBLEM. NO CLASS DATA SOUTHBOUND ON APRIL 11-15 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>May 29, 2013</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.G1N ✓

DISK ID:

BEGINNING DATE: *05-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2013*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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 SOUTHBOUND ON MAY 3-8 DUE TO SYSTEM PROBLEM. NO CLASS DATA NORTHBOUND AND SOUTHBOUND ON MAY 27 DUE TO SYSTEM PROBLEM.*

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *July 3, 2013*

PHONE: *(609)-530-2667*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.H1N ✓

DISK ID:

BEGINNING DATE: *06-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *06-28-2013*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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 NORTHBOUND ON JUNE 6, 18, 26, 29-30 DUE TO SYSTEM PROBLEM. NO CLASS DATA SOUTHBOUND DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *July 11, 2013*

PHONE: *(609)-530-2667*

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.IIN ✓

DISK ID:

BEGINNING DATE: *07-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *07-31-2013*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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 NORTHBOUND ON JULY 18 DUE TO SYSTEM PROBLEM. NO CLASS DATA SOUTHBOUND DUE TO SYSTEM PROBLEM.~~

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>August 13, 2013</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS COUNT): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 7.30 , Jefferson Township, 2.2 miles South of Route Co. 517*

FILENAME: C341003.J1N ✓

DISK ID:

BEGINNING DATE: *08-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *08-11-2013*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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 NORTHBOUND ON AUGUST 12-31 DUE TO SYSTEM PROBLEM. NO CLASS DATA SOUTHBOUND DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>September 19, 2013</i>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003. C1N ✓
V341003. C1N

DISK ID:

BEGINNING DATE: *01-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *01-31-2013*

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.*

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: NO WEIGHT OR VOLUME DATA ON JANUARY 16 AND 28 DUE TO SYSTEM PROBLEM. NO WEIGHT DATA SOUTH_BOUND DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *February 13, 2013*

PHONE: *(609)-530-2667*

SHEET 13 LTTP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003.D0N
V341003.D1N

DISK ID:

BEGINNING DATE: *02-10-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *02-28-2013*

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.*

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: NO WEIGHT DATA SOUTHBOUND ON FEBRUARY 1-9 DUE TO SYSTEM PROBLEM. NO WEIGHT OR VOLUME DATA NORTHBOUND AND NO VOLUME DATA SOUTHBOUND ON FEBRUARY 8-9 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>March 27, 2013</i>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003. E1N ✓
V341003. E1N

DISK ID:

BEGINNING DATE: *03-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *03-31-2013*

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.*

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: NO WEIGHT DATA NORTHBOUND DUE TO SYSTEM PROBLEM. NO WEIGHT DATA SOUTHBOUND ON MARCH 18-22 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *April 23, 2013*

PHONE: *(609)-530-2667*

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003.F1N ✓
V341003.F1N

DISK ID:

BEGINNING DATE: *04-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *04-30-2013*

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.*

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: NO WEIGHT DATA NORTHBOUND DUE TO SYSTEM PROBLEM. NO WEIGHT DATA SOUTHBOUND ON APRIL 11-15 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>May 29, 2013</i>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003. G1N ✓
V341003. G1N

DISK ID:

BEGINNING DATE: *05-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2013*

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.*

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: *NO WEIGHT DATA SOUTHBOUND ON MAY 3-8 AND 27 DUE TO SYSTEM PROBLEM. NO VOLUME DATA NORTHBOUND AND SOUTHBOUND ON MAY 27 DUE TO SYSTEM PROBLEM.*

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *July 3, 2013*

PHONE: *(609)-530-2667*

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003. H1N ✓
V341003. H1N

DISK ID:

BEGINNING DATE: *06-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *06-30-2013*

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.*

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: NO WEIGHT DATA SOUTHBOUND DUE TO SYSTEM PROBLEM. NO WEIGHT DATA NORTHBOUND ON JUNE 6, 18, 26, 29-30 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *July 11, 2013*

PHONE: *(609)-530-2667*

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003. IIN ✓
V341003. IIN

DISK ID:

BEGINNING DATE: *07-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *07-31-2013*

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.*

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: *NO WEIGHT DATA SOUTHBOUND DUE TO SYSTEM PROBLEM. NO WEIGHT DATA NORTHBOUND ON JULY 18 DUE TO SYSTEM PROBLEM. NO VOLUME DATA NORTHBOUND OR SOUTHBOUND ON JULY 18 DUE TO SYSTEM PROBLEM.*

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *August 13, 2013*

PHONE: *(609)-530-2667*

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-15]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 0 3]

HIGHWAY RT. NO. (THIS SESSION): *NJ - 15*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 7.30, Jefferson Township, 2.2 miles South of Route Co. 517.*

FILENAME : W341003. J1N ✓
V341003. J1N

DISK ID:

BEGINNING DATE: *08-01-2013*

BEGINNING TIME: *00:00*

ENDING DATE: *08-11-2013*

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.*

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: NO WEIGHT DATA SOUTHBOUND DUE TO SYSTEM PROBLEM. NO WEIGHT OR VOLUME DATA NORTHBOUND ON AUGUST 12-31 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>September 19, 2013</i>	

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [NJ-15]
*STATE CODE [34]
*SHRP SECTION ID [1003]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [08/27/2013]
2. * TYPE OF EQUIPMENT CALIBRATED X WIM CLASSIFIER BOTH
3. * REASON FOR CALIBRATION
 REGULARLY SCHEDULED SITE VISIT RESEARCH
 EQUIPMENT REPLACEMENT TRAINING
 DATA TRIGGERED SYSTEM REVISION NEW EQUIPMENT INSTALLATION
 LTPP VALIDATION LTPP ASSESSMENT
 X OTHER (SPECIFY) SEMI-ANNUAL CALIBRATION
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
 X CHANNELIZED FLAT PIEZO X INDUCTANCE LOOPS CAPACITANCE PADS
 OTHER (SPECIFY)
5. EQUIPMENT MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS**

6.**CALIBRATION TECHNIQUE USED:

PROTOCOL: a. SOURCE 34 101W2 b. BASIC METHOD T

 1 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>CLASS 9</u>	<u> 1 </u>
2	<u> </u>	<u> </u>
3	<u> </u>	<u> </u>

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---

LANE 1 (SB_Slow)

DYNAMIC AND STATIC GVW	<u>9.1</u>	STANDARD DEVIATION	<u>9.2</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>-3.9</u>	STANDARD DEVIATION	<u>0.7</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>11.4</u>	STANDARD DEVIATION	<u>2.3</u>

LANE 2 (SB_Pass)

DYNAMIC AND STATIC GVW	<u>-3.6</u>	STANDARD DEVIATION	<u>2.6</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>-8.6</u>	STANDARD DEVIATION	<u>0.1</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>-2.0</u>	STANDARD DEVIATION	<u>0.7</u>

LANE 3 (NB_Pass)

DYNAMIC AND STATIC GVW	<u>-2.3</u>	STANDARD DEVIATION	<u>2.2</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>-1.9</u>	STANDARD DEVIATION	<u>0.4</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>-2.3</u>	STANDARD DEVIATION	<u>0.6</u>

ENTERED
30/SEP/2013
C.O.

LANE 4 (NB_Slow)

DYNAMIC AND STATIC GVW	<u>-3.6</u>	STANDARD DEVIATION	<u>16.9</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>-28.3</u>	STANDARD DEVIATION	<u>0.8</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>1.8</u>	STANDARD DEVIATION	<u>7.9</u>

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 55-60
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED):
- | | | | |
|---------|----------|-----------------|-----------------|
| SB_Slow | (Lane 1) | sensor 1: 5000 | sensor 2: 13917 |
| SB_Pass | (Lane 2) | sensor 1: 5670 | sensor 2: 3180 |
| NB_Pass | (Lane 3) | sensor 1: 18728 | sensor 2: 8930 |
| NB_Slow | (Lane 4) | sensor 1: 10589 | sensor 2: 12731 |
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

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: CHRIS MEDINA, DIGITAL TRAFFIC SYSTEMS (DTS)
CONTACT INFORMATION: ERIC OBERLE (609) 530-2667