

SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): ***MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.***

FILENAME: C341034.C1J ✓

DISK ID:

BEGINNING DATE: ***01-01-2009***

BEGINNING TIME: ***00:00***

ENDING DATE: ***01-31-2009***

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' Piezo WIM System.***

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: NO DATA ON JANUARY 28 DUE TO SYSTEM PROBLEMS

NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-4553</i>
DATE PREPARED: <i>February 24, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: C341034.D1J ✓

DISK ID:

BEGINNING DATE: *02-01-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *02-28-2009*

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, (L-P-P-L) configuration.*

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>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-4553</i>
DATE PREPARED: <i>March 17, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): ***MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.***

FILENAME: C341034.E1J ✓

DISK ID:

BEGINNING DATE: ***03-01-2009***

BEGINNING TIME: ***00:00***

ENDING DATE: ***03-31-2009***

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, (L-P-P-L) configuration.***

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: NO DATA ON MARCH SECOND DUE TO HEAVY SNOW. ALSO NO DATA ON MARCH EIGHT AND NINE DUE TO SYSTEM PROBLEMS.

NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-4553</i>
DATE PREPARED: <i>April 8, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: C341034.G1J ✓

DISK ID:

BEGINNING DATE: *05-01-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2009*

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, (L-P-P-L) configuration.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *NO DATA ON MAY 9, 10, 19 AND 20 DUE TO SYSTEM PROBLEMS.*

NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>June 8, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: C341034.H1J ✓

DISK ID:

BEGINNING DATE: *06-01-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *06-30-2009*

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, (L-P-P-L) configuration.*

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>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>August 4, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: C341034.I1J ✓

DISK ID:

BEGINNING DATE: *07-01-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *07-31-2009*

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, (L-P-P-L) configuration.*

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>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>August 10, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: C341034.J1J ✓

DISK ID:

BEGINNING DATE: *08-01-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *08-31-2009*

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, (L-P-P-L) configuration.*

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>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>September 9, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: C341034.K1J ✓

DISK ID:

BEGINNING DATE: *09-01-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *09-29-2009*

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, (L-P-P-L) configuration.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: NO DATA ON SEPTEMBER 30 DUE TO SYSTEM PROBLEMS.

NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>October 13, 2009</i>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [NJ-55]
	*STATE CODE [3 4]
	*SHRP SECTION ID [1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: C341034.L1J ✓

DISK ID:

BEGINNING DATE: **10-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **10-31-2009**

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, (L-P-P-L) configuration.**

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	PHONE: (609)-530-3508
DATE PREPARED: November 17, 2009	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: C341034.M2J ✓

DISK ID:

BEGINNING DATE: *11-02-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *11-30-2009*

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, (L-P-P-L) configuration.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *NO DATA ON NOVEMBER FIRST, DUE TO SYSTEM PROBLEMS.*

NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>December 7, 2009</i>	

SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[NJ-55]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 3 4]

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

MILEPOST NO. OR LOCATION (THIS COUNT): ***MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.***

FILENAME: C341034.N1J ✓

DISK ID:

BEGINNING DATE: ***12-01-2009***

BEGINNING TIME: ***00:00***

ENDING DATE: ***12-18-2009***

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, (L-P-P-L) configuration.***

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>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>January 4, 2010</i>	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.CIJ ✓
V341034.CIJ

DISK ID:

BEGINNING DATE: **01-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **01-31-2009**

ENDING TIME: **24:00**

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

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

EQUIPMENT MAKE/MODEL# *International Road Dynamics 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 FHWA 13 bin in cols. 22-23

7-card 6 digit Truck Weight study

W-card ☒

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: NO. OF BINS

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 validation 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 100 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 100 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 change in tolerance. The calibration tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS: NO DATA ON JANUARY 28 DUE TO SYSTEM PROBLEMS

NAME OF PREPARER:	<i>Mahmood Afrina Khandakar</i>	PHONE:	<i>(609)-530-4553</i>
DATE PREPARED:	<i>February 24, 2009</i>		

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): ***MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.***

FILENAME: W341034.D1J ✓
V341034.D1J

DISK ID:

BEGINNING DATE: ***02-01-2009***

BEGINNING TIME: ***00:00***

ENDING DATE: ***02-28-2009***

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 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: <i>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-4553</i>
DATE PREPARED: <i>March 17, 2009</i>	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): ***MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.***

FILENAME: W341034.E1J ✓
V341034. E1J

DISK ID:

BEGINNING DATE: ***03-01-2009***

BEGINNING TIME: ***00:00***

ENDING DATE: ***03-31-2009***

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 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 DATA ON MARCH SECOND DUE TO HEAVY SNOW. ALSO NO DATA ON MARCH EIGHT AND NINE DUE TO SYSTEM PROBLEMS.

NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i>	PHONE: <i>(609)-530-4553</i>
DATE PREPARED: <i>April 8, 2009</i>	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.F1J
V341034.F1J

E1J

DISK ID:

BEGINNING DATE: **04-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **04-30-2009**

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: **NO DATA ON MARCH SECOND DUE TO HEAVY SNOW. ALSO NO DATA ON MARCH EIGHT AND NINE DUE TO SYSTEM PROBLEMS.**

NAME OF PREPARER: Mahmood Afrina Khandakar	PHONE: (609)-530-3508
DATE PREPARED: May 26, 2009	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.*

FILENAME: W341034.G1J ✓
V341034. G1J

DISK ID:

BEGINNING DATE: *05-01-2009*

BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2009*

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: *NO DATA ON MAY 9, 10, 19 AND 20 DUE TO SYSTEM PROBLEMS.*

NAME OF PREPARER: *Mahmood Afrina Khandakar*
DATE PREPARED: *June 8, 2009*

PHONE: *(609)-530-3508*

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

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.H1J ✓
V341034. H1J

DISK ID:

BEGINNING DATE: **06-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **06-30-2009**

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: Mahmood Afrina Khandakar	PHONE: (609)-530-3508
DATE PREPARED: August 4, 2009	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.I1J ✓
V341034. I1J

DISK ID:

BEGINNING DATE: **07-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **07-31-2009**

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 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: August 10, 2009	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.J1J ✓
V341034.J1J

DISK ID:

BEGINNING DATE: **08-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **08-31-2009**

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 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: September 9, 2009	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.k1J ✓
V341034.k1J

DISK ID:

BEGINNING DATE: **09-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **09-29-2009**

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: NO DATA ON SEPTEMBER 30 DUE TO SYSTEM PROBLEMS.

NAME OF PREPARER: Mahmood Afrina Khandakar	PHONE: (609)-530-3508
DATE PREPARED: October 13, 2009	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.L1J ✓
V341034.L1J

DISK ID:

BEGINNING DATE: **10-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **10-31-2009**

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: Mahmood Afrina Khandakar	PHONE: (609)-530-3508
DATE PREPARED: November 17, 2009	

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.M2J ✓
V341034. M2J

DISK ID:

BEGINNING DATE: **11-02-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **11-30-2009**

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 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 DATA ON NOVEMBER FIRST, DUE TO SYSTEM PROBLEMS.**

NAME OF PREPARER: **Mahmood Afrina Khandakar**
DATE PREPARED: **December 7, 2009**

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

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 4]

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

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 58.7, Deptford Township, 1 mile South of Deptford / Center Road Interchange.**

FILENAME: W341034.N1J ✓
V341034. N1J

DISK ID:

BEGINNING DATE: **12-01-2009**

BEGINNING TIME: **00:00**

ENDING DATE: **12-18-2009**

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 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: January 4, 2010	

<div>SHEET 16</div> <div>LTPP MONITORED TRAFFIC DATA</div> <div>SITE CALIBRATION SUMMARY</div>	<div>*STATE ASSIGNED ID [NJ-55]</div> <div>*STATE CODE [34]</div> <div>*SHRP SECTION ID [1034]</div>
--	---

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [09/ 12 /2009]

2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH

3. * REASON FOR CALIBRATION

<input type="checkbox"/> REGULARLY SCHEDULED SITE VISIT	<input type="checkbox"/> RESEARCH
<input type="checkbox"/> EQUIPMENT REPLACEMENT	<input type="checkbox"/> TRAINING
<input type="checkbox"/> DATA TRIGGERED SYSTEM REVISION	<input type="checkbox"/> NEW EQUIPMENT INSTALLATION
<input checked="" type="checkbox"/> OTHER (SPECIFY) <u>SEMI-ANNUAL CALIBRATION</u>	

4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

<input type="checkbox"/> BARE ROUND PIEZO CERAMIC	<input checked="" type="checkbox"/> BARE FLAT PIEZO	<input type="checkbox"/> BENDING PLATES
<input type="checkbox"/> CHANNELIZED ROUND PIEZO	<input type="checkbox"/> LOAD CELLS	<input type="checkbox"/> QUARTZ PIEZO
<input type="checkbox"/> CHANNELIZED FLAT PIEZO	<input checked="" type="checkbox"/> INDUCTANCE LOOPS	<input type="checkbox"/> CAPACITANCE PADS
<input type="checkbox"/> OTHER (SPECIFY) _____		

5. EQUIPMENT MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS**

6.**CALIBRATION TECHNIQUE USED:

☐ TRAFFIC STREAM -- ☒ STATIC SCALE (Y/N) ☒ TEST TRUCKS

<u>1</u> NUMBER OF TRUCKS COMPARED	<u>1</u> NUMBER OF TEST TRUCKS USED
	<u>10</u> PASSES PER TRUCK
TYPE PER FHWA 13 BIN SYSTEM	TRUCK TYPE SUSPENSION
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	1 <u>class 9</u> <u>2</u>
3 - OTHER (DESCRIBE)	2 _____
	3 _____

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---

STATIC GVW (S)60.70 4.1%

STANDARD DEVIATION BY LANE:

LANE 1 sensor 1: .28 sensor 2: 1.27 0.7%

LANE 2 sensor 1: 2.78 sensor 2: 3.59

*Please see accomp. data file:

CDS_55S_1034.xls

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 55-62

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) :

SB_SLOW (LANE 1) sensor 1: 6950 sensor 2: 7135

SB_PASS (LANE 2) sensor 1: 7810 sensor 2: 9000

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:

*** FHWA CLASS 9	FHWA CLASS	
*** FHWA CLASS 8	FHWA CLASS	
	FHWA CLASS	
	FHWA CLASS	

*** PERCENT AUNCLASSIFIED≅ VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT: BRIAN BRITTON

CONTACT INFORMATION: M. AFRINA KHANDAKAR (609)530-3508

ENTERED OCT 13 2009

[Signature]

September 12, 2009

SHRP ID: 341034

Static Weight (KIPS):

72.20

10.00

	<u>Lane 1 (SB-S)</u>	<u>Lane 2 (SB-P)</u>
	Sensor #1 (Ch.0)	Sensor #2 (Ch.1)
Old Cal. Factors:	8,128	9,132
Meas. GVW	77.9	80.7
	76.5	80.2
	73.2	78.2
	76.7	80.7
	73.5	74.6
Adj. Cal. Factors:	8,128	8,350
Meas. GVW	84.1	84.7
	83.9	84.8
	82.1	82.6
	87.4	85.9
Standard Deviation:	2.21	1.38
Adj. Cal. Factors:	6,950	7,135
Meas. GVW	75.6	74.0
	75.2	75.8
Standard Deviation:	0.28	1.27
Final Cal. Factors:	6,950	7,135