

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.C1M ✓

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, (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: Due to system problems, no data on January 9.

NAME OF PREPARER: <b>Mahmood Afrina Khandakar</b>	PHONE: <b>(609)-530-3508</b>
DATE PREPARED: <b>February 24, 2012</b>	

SCANNED

JUN 08 2012  
BY 

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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*  
DATE PREPARED: *March 27, 2012*

PHONE: *(609)-530-3508*

**SCANNED**

**JUN 08 2012**  
BY *DM*

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>April 13, 2012</i>	

SCANNED

JUN 08 2012

BY 

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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 Class data for April 24 for SB\_Pass (lane 2) and no Class data for April 20 and 24 for SB\_Slow (lane 1) due to system problem.

NAME OF PREPARER: <i>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>May 17, 2012</i>	<b>SCANNED</b>

JUN 08 2012  
BY *[Signature]*

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>June 7, 2012</i>	

SCANNED

JUN 12 2012  
BY *[Signature]*

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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: <b><i>Eric M. Oberle</i></b>	PHONE: <b><i>(609)-530-2667</i></b>
DATE PREPARED: <b><i>July 9, 2012</i></b>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>August 13, 2012</i>	

<b>SHEET 12</b> <b>LTTP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>September 14, 2012</i>	



<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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>Eric M. Oberle</i>	PHONE: <i>(609)-530-2667</i>
DATE PREPARED: <i>October 15, 2012</i>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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: **LOW VOLUMES ON OCTOBER 28-31 DUE TO HURRICANE SANDY.**

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

<b>SHEET 12</b> <b>LTTP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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: <b>Eric M. Oberle</b>	PHONE: <b>(609)-530-2667</b>
DATE PREPARED: <b>December 11, 2012</b>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*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.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, (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: <b>Eric M. Oberle</b>	PHONE: <b>(609)-530-2667</b>
DATE PREPARED: <b>January 10, 2013</b>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.C1M ✓  
V341034.C1M

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) 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  $\pm 5$  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 9.

NAME OF PREPARER: <b>Mahmood Afrina Khandakar</b>	PHONE: <b>(609)-530-3508</b>
DATE PREPARED: <b>February 24, 2012</b>	<b>SCANNED</b>

**JUN 08 2012**

BY DM

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.D1M ✓  
V341034.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) 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  $\pm 5$  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**  
DATE PREPARED: **March 27, 2012**

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

**SCANNED**

**JUN 08 2012**

BY: 

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.E1M ✓  
V341034. 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) 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  $\pm 5$  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: <b>Eric M. Oberle</b>	PHONE: <b>(609)-530-2667</b>
DATE PREPARED: <b>April 13, 2012</b>	

SCANNED

JUN 08 2012

BY PM

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.F1M ✓  
V341034.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**                      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  $\pm 5$  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 and Volume data for April 24 for SB\_Pass (lane 2) and no Weight data for April 20 and 24 for SB\_Slow (lane 1) due to system problem.

NAME OF PREPARER: **Eric M. Oberle**  
DATE PREPARED: **May 17, 2012**

PHONE: (609) 530-2667

SCANNED  
JUN 08 2012

BY **DM**



<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.G1M ✓  
V341034. 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**                      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.**

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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

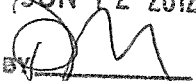
NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

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COMMENTS:

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

SCANNED

JUN 12 2012  
BY 

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.H1M ✓  
V341034. 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

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.

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COMMENTS:

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

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.I1M ✓  
V341034. 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) 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  $\pm 5$  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: <b><i>Eric M. Oberle</i></b>	PHONE: <b><i>(609)-530-2667</i></b>
DATE PREPARED: <b><i>August 13, 2012</i></b>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.J1M ✓  
V341034. 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) 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  $\pm 5$  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: <b>Eric M. Oberle</b>	PHONE: <b>(609)-530-2667</b>
DATE PREPARED: <b>September 14, 2012</b>	

<b>SHEET 13</b> <b>LTTP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.K1M ✓  
V341034. 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) 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.

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COMMENTS:

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

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.L1M  
V341034.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) 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  $\pm 5$  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: 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>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.M1M ✓  
V341034. 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) 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.

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COMMENTS:

NAME OF PREPARER: **Eric M. Oberle**  
DATE PREPARED: **December 11, 2012**

PHONE: **(609)-530-2667**

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*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.N1M ✓  
V341034.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) 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.

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COMMENTS:

NAME OF PREPARER: **Eric M. Oberle**  
DATE PREPARED: **January 10, 2013**

PHONE: **(609)-530-2667**



Entered Jun 01, 2012

**SHEET 16**  
**LTPP MONITORED TRAFFIC DATA**  
**SITE CALIBRATION SUMMARY**

\*STATE ASSIGNED ID [ NJ-55 ]  
\*STATE CODE [ 34 ]  
\*SHRP SECTION ID [ 1034 ]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 04/ 21 /2012 ]
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  
 X  OTHER (SPECIFY)  SEMI-ANNUAL CALIBRATION
4. \* SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):  
     BARE ROUND PIEZO CERAMIC  X  BARE FLAT PIEZO      BENDING PLATES  
     CHANNELIZED ROUND PIEZO      LOAD CELLS      QUARTZ PIEZO  
     CHANNELIZED FLAT PIEZO  X  INDUCTANCE LOOPS      CAPACITANCE PADS  
     OTHER (SPECIFY)
5. EQUIPMENT MANUFACTURER     IRD      
 WIM SYSTEM CALIBRATION SPECIFICS\*\*
- 6.\*\*CALIBRATION TECHNIQUE USED:  
     TRAFFIC STREAM --  Y  STATIC SCALE (Y/N)  X  TEST TRUCKS
- 1  NUMBER OF TRUCKS COMPARED  1  NUMBER OF TEST TRUCKS USED  
 10  PASSES PER TRUCK
- |                                      | TRUCK | TYPE             | SUSPENSION  |
|--------------------------------------|-------|------------------|-------------|
| TYPE PER FHWA 13 BIN SYSTEM          | 1     | <u> class 9 </u> | <u> 2 </u>  |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 2     | <u>    </u>      | <u>    </u> |
| 3 - OTHER (DESCRIBE)                 | 3     | <u>    </u>      | <u>    </u> |
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN ---  
STATIC GVW  (S)76.30   
STANDARD DEVIATION BY LANE:  
LANE 1 sensor 1: 0.93 sensor 2: n/a  
LANE 2 sensor 1: 0.52 sensor 2: 1.25  
\*Please see accomp. data file:  
CDS\_552S\_1034\_.xls
8.  1  NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH)  57-62
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) :  
SB\_SLOW (LANE 1) sensor 1: 7380 sensor 2: 9000  
SB\_PASS (LANE 2) sensor 1: 5770 sensor 2: 7925
- 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: ERIC OBERLE (609) 530-2667

341034

**Calibration Data**

April 21, 2012

NJ-55 (SB), Milepost 57.9  
SHRP ID: 341034Calib. Truck:  
Class 9 Vehicle

Static Weight (KIPS):

GVW:  
Front:76.30  
10.18

	<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:	9,000	9,000	10,000	12,000
Meas. GVW	92.2		114.4	101.6
	92.7		115.7	106.8
	92.1		121.7	107.1
	91.6			
	97.1			
Adj. Cal. Factors:	7,380	9,000	6,500	7,250
Meas. GVW	88.4		78.2	67.2
	91.5		78.3	68.1
	90.2		81.6	70.8
			83.7	71.1
			81.2	71.8
Standard Deviation:	1.56	#DIV/0!	2.35	2.02
Adj. Cal. Factors:	7,380	9,000	6,150	7,925
Meas. GVW	75.0		81.0	78.8
	73.7		81.0	81.2
			81.9	80.6
Standard Deviation:	0.93	#DIV/0!	0.52	1.25
Final Cal. Factors:	7,380	9,000	5,770	7,925

GVW  
mean 86.9  
P.H. Error 13.9%  
Std Dev 8.4%