

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[1-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.CIP ✓

DISK ID:

BEGINNING DATE: *01-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *01-31-2015*

ENDING TIME: *24:00*

COUNT DURATION: *1*                      ☐ HOURS      ☐ DAYS      ☒ 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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *NO CLASS DATA ON JANUARY 3, 21-22 DUE TO SYSTEM PROBLEM.*

NAME OF PREPARER: <i>M. Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>March 31, 2015</i>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[1-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): **I-195 EB**

MILEPOST NO. OR LOCATION (THIS COUNT): **MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.**

FILENAME: **DIP C341011.CIP** DISK ID:  
 BEGINNING DATE: **01-01-2015** **02-01-2015** BEGINNING TIME: **00:00**  
 ENDING DATE: **01-31-2015** **02-28-2015** 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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.**

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: **NO CLASS DATA ON JANUARY 3, 21-22 DUE TO SYSTEM PROBLEM.**

NAME OF PREPARER: <b>M. Afrina Khandakar</b>	PHONE: <b>(609)-530-3508</b>
DATE PREPARED: <b>May 1, 2015</b>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[1-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: *EIP*  
*C341011 CIP*

DISK ID:

BEGINNING DATE: *03-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *03-31-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *NO CLASS DATA ON MRCH 5 DUE TO SYSTEM PROBLEM.*

NAME OF PREPARER: <i>M. Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>May 1, 2015</i>	

<b>SHEET 12</b> <b>LTTP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.F1P ✓

DISK ID:

BEGINNING DATE: *04-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *04-30-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *M. Afrina Khandakar*  
DATE PREPARED: *July 6, 2015*

PHONE: *(609)-530-3508*

<b>SHEET 12</b> <b>LTTP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): **I-195 EB**

MILEPOST NO. OR LOCATION (THIS COUNT): **MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.**

FILENAME: C341011.G10 ✓

DISK ID:

BEGINNING DATE: **05-01-2015**

BEGINNING TIME: **00:00**

ENDING DATE: **05-31-2015**

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side .**

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>M.Afrina Khandakar</b>	PHONE: <b>(609)-530-3508</b>
DATE PREPARED: <b>August 20, 2015</b>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.H1P ✓

DISK ID:

BEGINNING DATE: *06-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *06-30-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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>M.Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>September 3, 2015</i>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.IIP ✓

DISK ID:

BEGINNING DATE: *07-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *07-31-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *M.Afrina Khandakar*

PHONE: *(609)-530-3508*

DATE PREPARED: *September 16, 2015*

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b> <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.GIO<sup>6</sup>? DISK ID:

BEGINNING DATE: *05-01-2015* BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2015* 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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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>M.Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>August 18, 2015</i>	



<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.J1P ✓

DISK ID:

BEGINNING DATE: *08-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *08-31-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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>M.Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>October 19, 2015</i>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.K1P ✓

DISK ID:

BEGINNING DATE: *09-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *09-30-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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>M.Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>January 12, 2016</i>	

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b> <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): **I-195 EB**

MILEPOST NO. OR LOCATION (THIS COUNT): **MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.**

FILENAME: C341011.L1P ✓

DISK ID:

BEGINNING DATE: **10-01-2015**

BEGINNING TIME: **00:00**

ENDING DATE: **10-31-2015**

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.**

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: **M.Afrina Khandakar**  
DATE PREPARED: **January 13, 2016**

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

<b>SHEET 12</b> <b>LTTP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.MIP ✓

DISK ID:

BEGINNING DATE: *11-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *11-30-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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>M.Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>February 26, 2016</i>	

<b>SHEET 12</b> <b>LTTP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS COUNT): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: C341011.NIP ✓

DISK ID:

BEGINNING DATE: *12-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *12-31-2015*

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 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side .*

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>M.Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>February 26, 2016</i>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.CIP ✓  
V341011.CIP

DISK ID:

BEGINNING DATE: *01-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *01-31-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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 OR VOLUME DATA ON JANUARY 3, 21-22 DUE TO SYSTEM PROBLEM.

NAME OF PREPARER: *Mahmood Afrina Khandakar*  
DATE PREPARED: *March 31, 2015*

HONE: (609)-530-3508

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [I-195]
	*STATE CODE [3 4]
	*SHRP SECTION ID [1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: *W341011.D1P*  
*V341011.D1P*

DISK ID:

BEGINNING DATE: *02-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *02-28-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: <i>Mahmood Afrina Khandakar</i>	HONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>May 1, 2015</i>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[1-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: *EIP*  
W341011.C1P  
V341011.C1P

DISK ID:

BEGINNING DATE: 03-01-2015

BEGINNING TIME: 00:00

ENDING DATE: 03-31-2015

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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 OR VOLUME DATA ON MARCH 5 DUE TO SYSTEM PROBLEM.*

NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i>	HONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>May 1, 2015</i>	



<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.F1P  
V341011.F1P

DISK ID:

BEGINNING DATE: *04-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *04-30-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: *M.Afrina Khandakar*  
DATE PREPARED: *July 6, 2015*

PHONE: *(609)-530-3508*

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.G1P ✓  
V341011.G1P

DISK ID:

BEGINNING DATE: *05-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: *M. Afrina Khandakar*  
DATE PREPARED: *August 20, 2015*

PHONE: *(609)-530-3508*

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.H1P ✓  
V341011.H1P

DISK ID:

BEGINNING DATE: *06-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *0 6-30-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: *M. Afrina Khandakar*  
DATE PREPARED: *September 3, 2015*

PHONE: *(609)-530-3508*

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.IIP ✓  
V341011.IIP

DISK ID:

BEGINNING DATE: *07-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *07-31-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: <i>M. Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>September 16, 2015</i>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.G10  
V341011.G10

DISK ID:

BEGINNING DATE: *05-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *05-31-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: <i>M. Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>August 18, 2015</i>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.JIP ✓  
V341011.JIP

DISK ID:

BEGINNING DATE: *08-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *08-31-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side .*

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: *M. Afrina Khandakar*  
DATE PREPARED: *October 19, 2015*

PHONE: *(609)-530-3508*

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.K1P ✓  
V341011.K1P

DISK ID:

BEGINNING DATE: *09-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *09-30-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: <i>M. Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>January 12, 2016</i>	

<b>SHEET 13</b> <b>LTTP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.L1P ✓  
V341011.L1P

DISK ID:

BEGINNING DATE: *10-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *10-31-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: <i>M. Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>January 13, 2016</i>	



<b>SHEET 13</b> <b>LTTP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): ***I-195 EB***

MILEPOST NO. OR LOCATION (THIS SESSION): ***MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.***

FILENAME: W341011.M1P ✓  
V341011.M1P

DISK ID:

BEGINNING DATE: ***11-01-2015***

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

ENDING DATE: ***11-30-2015***

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 Piezo WIM System***

SENSOR TYPE: ***Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side .***

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><i>M. Afrina Khandakar</i></b>	PHONE: <b><i>(609)-530-3508</i></b>
DATE PREPARED: <b><i>February 26, 2016</i></b>	

<b>SHEET 13</b> <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE WEIGHT DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[I-195]
	*STATE CODE	[3 4]
	*SHRP SECTION ID	[1 0 1 1]

HIGHWAY RT. NO. (THIS SESSION): *I-195 EB*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 9.50; Upper Freehold Township, 1.7 miles East of Route Co. 539.*

FILENAME: W341011.N1P  
V341011.N1P

DISK ID:

BEGINNING DATE: *12-01-2015*

BEGINNING TIME: *00:00*

ENDING DATE: *12-31-2015*

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 Piezo WIM System*

SENSOR TYPE: *Each lane has two (2) loops and 5.74 feet of KISTLER QUARTZ WIM sensor at the left side and 5.74 feet of KISTLER QUARTZ WIM sensor at the right side.*

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: <i>M. Afrina Khandakar</i>	PHONE: <i>(609)-530-3508</i>
DATE PREPARED: <i>February 26, 2016</i>	

<b>SHEET 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	*STATE ASSIGNED ID [ I-195 ] *STATE CODE [ 34 ] *SHRP SECTION ID [ 1011 ]
--	---

SITE CALIBRATION INFORMATION

4340900

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 06/17/ 2015 ]
2. \* TYPE OF EQUIPMENT CALIBRATED ☒ X 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 type="checkbox"/> LTPP VALIDATION	<input type="checkbox"/> LTPP ASSESSMENT
<input checked="" type="checkbox"/> X 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 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"/> X INDUCTANCE LOOPS	<input type="checkbox"/> CAPACITANCE PADS
<input checked="" type="checkbox"/> X OTHER (SPECIFY) <u>KISTLER QUARTZ</u>		
5. EQUIPMENT MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS\*\*

6.\*\*CALIBRATION TECHNIQUE USED:

PROTOCOL: a. SOURCE 34 101W2

b. BASIC METHOD I

1 NUMBER OF TRUCKS COMPARED

1 NUMBER OF TEST TRUCKS USED

5 PASSES PER TRUCK

TYPE PER FHWA 13 BIN SYSTEM

SUSPENSION: 1 - AIR; 2 - LEAF SPRING  
3 - OTHER (DESCRIBE)

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

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---

**LANE 3 (EB Pass)**

DYNAMIC AND STATIC GVW	<u>-0.87</u>	STANDARD DEVIATION	<u>3.32</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>-2.8</u>	STANDARD DEVIATION	<u>0.4</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>-0.5</u>	STANDARD DEVIATION	<u>0.8</u>

**LANE 4 (EB Slow)**

DYNAMIC AND STATIC GVW	<u>-0.70</u>	STANDARD DEVIATION	<u>8.23</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>-1.8</u>	STANDARD DEVIATION	<u>0.9</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>-0.6</u>	STANDARD DEVIATION	<u>2.3</u>

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 60-65

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

EB\_Pass (Lane 3) sensor 1: 7490 sensor 2: 7406  
EB\_Slow (Lane 4) sensor 1: 5646 sensor 2: 5151

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: M. Afrina Khandakar (609) 530-3508

ENTERED  
11/JAN/2016  
C.A.