

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

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

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

FILENAME: C341033.C1L ✓

DISK ID:

BEGINNING DATE: **01-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **01-31-2011**

ENDING TIME: **24:00**

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

VEHICLE CLASSIFICATION METHOD: FHWA **X** OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT **X**

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: No data for January 12th and January 18th due to system problems.

| | |
|---|------------------------------|
| NAME OF PREPARER: Tina L. Ambrosio | PHONE: (609) 530-3508 |
| DATE PREPARED: March 29, 2011 | |

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

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

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

FILENAME: C341033.D1L ✓

DISK ID:

BEGINNING DATE: **02-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **02-28-2011**

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.**
Sensor status:

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: Tina L. Ambrosio | PHONE: (609) 530-3508 |
| DATE PREPARED: March 29, 2011 | |

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

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

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

FILENAME: C341033.E1L ✓

DISK ID:

BEGINNING DATE: *03-01-2011*

BEGINNING TIME: *00:00*

ENDING DATE: *03-31-2011*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Tina L. Ambrosio</i> | PHONE: <i>(609) 530-3508</i> |
| DATE PREPARED: <i>April 20, 2011</i> | |

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

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

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

FILENAME: C341033.FIL ✓

DISK ID:

BEGINNING DATE: *04-01-2011*

BEGINNING TIME: *00:00*

ENDING DATE: *04-30-2011*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i> | PHONE: <i>(609) 530-3508</i> |
| DATE PREPARED: <i>May 24, 2011</i> | |

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

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

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

FILENAME: C341033.GIL ✓

DISK ID:

BEGINNING DATE: **05-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **05-31-2011**

ENDING TIME: **24:00**

COUNT DURATION: **1**

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA **X**

OTHER

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

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

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

TYPE OF AVC EQUIPMENT:

PORTABLE

PERMANENT **X**

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: **Mahmood Afrina Khandakar**
DATE PREPARED: **June 13, 2011**

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

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

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

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

FILENAME: C341033.H1L

DISK ID:

BEGINNING DATE: **06-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **06-30-2011**

ENDING TIME: **24:00**

COUNT DURATION: **1**

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA **X**

OTHER

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

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

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

TYPE OF AVC EQUIPMENT:

PORTABLE

PERMANENT **X**

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: No data on June 11.

| | |
|---|------------------------------|
| NAME OF PREPARER: Mahmood Afrina Khandakar | PHONE: (609) 530-3508 |
| DATE PREPARED: July 28, 2011 | |

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

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

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

FILENAME: C341033.I1L

DISK ID:

BEGINNING DATE: *07-01-2011*

BEGINNING TIME: *00:00*

ENDING DATE: *07-31-2011*

ENDING TIME: *24:00*

COUNT DURATION: *1*

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X*

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A*

NO. OF BINS: *N/A*

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

TYPE OF AVC EQUIPMENT:

PORTABLE

PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i> | PHONE: <i>(609) 530-3508</i> |
| DATE PREPARED: <i>August 19, 2011</i> | |

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

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

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

FILENAME: C341033.J1L ✓

DISK ID:

BEGINNING DATE: **08-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **08-31-2011**

ENDING TIME: **24:00**

COUNT DURATION: **1**

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA **X**

OTHER

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

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

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

TYPE OF AVC EQUIPMENT:

PORTABLE

PERMANENT **X**

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: Mahmood Afrina Khandakar | PHONE: (609) 530-3508 |
| DATE PREPARED: September 27, 2011 | |

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

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

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

FILENAME: C341033.K1L ✓

DISK ID:

BEGINNING DATE: *09-01-2011*

BEGINNING TIME: *00:00*

ENDING DATE: *09-30-2011*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i> | PHONE: <i>(609) 530-3508</i> |
| DATE PREPARED: <i>October 25, 2011</i> | |

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

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

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

FILENAME: C341033.L1L ✓

DISK ID:

BEGINNING DATE: *10-01-2011*

BEGINNING TIME: *00:00*

ENDING DATE: *10-31-2011*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i> | PHONE: <i>(609) 530-3508</i> |
| DATE PREPARED: <i>November 16, 2011</i> | |

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

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

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

FILENAME: C341033.M1L ✓

DISK ID:

BEGINNING DATE: *11-01-2011*

BEGINNING TIME: *00:00*

ENDING DATE: *11-30-2011*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: *Mahmood Afrina Khandakar*

PHONE: *(609) 530-3508*

DATE PREPARED: *December 20, 2011*

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

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

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

FILENAME: C341033.N1L ✓

DISK ID:

BEGINNING DATE: **12-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **12-31-2011**

ENDING TIME: **24:00**

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

VEHICLE CLASSIFICATION METHOD: FHWA **X** OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT **X**

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

NAME OF PREPARER: **Mahmood Afrina Khandakar**

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

DATE PREPARED: **January 13, 2012**

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

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

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

FILENAME: W341033.C1L ✓
V341033.C1L

DISK ID:

BEGINNING DATE: **01-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **01-31-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS: No data for January 12th and January 18th due to system problems.

| | |
|---|------------------------------|
| NAME OF PREPARER: Tina L. Ambroiso | PHONE: (609)-530-3508 |
| DATE PREPARED: March 29, 2011 | |

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

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

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

FILENAME: W341033.D1L ✓
V341033.D1L

DISK ID:

BEGINNING DATE: **02-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **02-28-2011**

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 two(2) loops and two (2) class I piezoelectric WIM sensors.**

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS:

NAME OF PREPARER: **Tina L. Ambrosio**
DATE PREPARED: **March 29, 2011**

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

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

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

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

FILENAME: W341033.E1L ✓
V341033.E1L

DISK ID:

BEGINNING DATE: **03-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **03-31-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: Tina L. Ambroiso | PHONE: (609)-530-3508 |
| DATE PREPARED: April 20, 2011 | |

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

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

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

FILENAME: W341033.F1L ✓
V341033.F1L

DISK ID:

BEGINNING DATE: **04-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **04-30-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: Mahmood Afrina Khandakar | PHONE: (609)-530-3508 |
| DATE PREPARED: May 24, 2011 | |

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

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

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

FILENAME: W341033.GIL ✓
V341033.GIL

DISK ID:

BEGINNING DATE: **05-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **05-31-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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COMMENTS:

NAME OF PREPARER: **Mahmood Afrina Khandakar**
DATE PREPARED: **June 13, 2011**

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

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

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

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

FILENAME: W341033.H1L
V341033.H1L

DISK ID:

BEGINNING DATE: **06-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **06-30-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS: No data on June 11.

| | |
|---|------------------------------|
| NAME OF PREPARER: Mahmood Afrina Khandakar | PHONE: (609)-530-3508 |
| DATE PREPARED: July 28, 2011 | |

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

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

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

FILENAME: W341033.I1L
V341033.I1L

DISK ID:

BEGINNING DATE: **07-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **07-31-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: Mahmood Afrina Khandakar | PHONE: (609)-530-3508 |
| DATE PREPARED: August 19, 2011 | |

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

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

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

FILENAME: W341033.J1L ✓
V341033.J1L

DISK ID:

BEGINNING DATE: **08-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **08-31-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: Mahmood Afrina Khandakar | PHONE: (609)-530-3508 |
| DATE PREPARED: September 27, 2011 | |

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

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

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

FILENAME: W341033.K1L ✓
V341033.K1L

DISK ID:

BEGINNING DATE: **09-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **09-30-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: Mahmood Afrina Khandakar | PHONE: (609)-530-3508 |
| DATE PREPARED: October 25, 2011 | |

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

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

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

FILENAME: W341033.L1L ✓
V341033.L1L

DISK ID:

BEGINNING DATE: **10-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **10-31-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS:

NAME OF PREPARER: **Mahmood Afrina Khandakar**
DATE PREPARED: **November 16, 2011**

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

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

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

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

FILENAME: W341033.M1L ✓
V341033.M1L

DISK ID:

BEGINNING DATE: **11-01-2011**

BEGINNING TIME: **00:00**

ENDING DATE: **11-30-2011**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS:

NAME OF PREPARER: **Mahmood Afrina Khandakar**

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

DATE PREPARED: **December 20, 2011**

SHEET 13
LTPP TRAFFIC DATA

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

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

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

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

FILENAME: W341033.N1L ✓
V341033.N1L

DISK ID:

BEGINNING DATE: *12-01-2011*

BEGINNING TIME: *00:00*

ENDING DATE: *12-31-2011*

ENDING TIME: *24:00*

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

7-card FHWA 13 bin in cols. 22-23
W-card X OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS:

NAME OF PREPARER: *Mahmood Afrina Khandakar*
DATE PREPARED: *January 13, 2012*

PHONE: *(609)-530-3508*

ENTERED OCT 20 2011

| | | |
|--|--------------------|------------|
| <p align="center">SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY</p> | *STATE ASSIGNED ID | [US-202] |
| | *STATE CODE | [34] |
| | *SHRP SECTION ID | [1033] |

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [06 / 11 / 2011]
2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
3. * REASON FOR CALIBRATION
☐ REGULARLY SCHEDULED SITE VISIT ☐ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☒ OTHER (SPECIFY) SEMI-ANNUAL CALIBRATION
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
☐ BARE ROUND PIEZO CERAMIC ☒ BARE FLAT PIEZO ☐ BENDING PLATES
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☐ QUARTZ PIEZO
☐ CHANNELIZED FLAT PIEZO ☒ 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) ☒ TEST TRUCKS

1 NUMBER OF TRUCKS COMPARED

1 NUMBER OF TEST TRUCKS USED
10 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>2</u> |
| 2 | _____ | _____ |
| 3 | _____ | _____ |

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---

STATIC GVW (S)68.62

STANDARD DEVIATION BY LANE:

| LANE | sensor 1 | sensor 2 |
|--------|----------|----------|
| LANE 1 | 3.36 | 1.22 |
| LANE 2 | 2.91 | 3.39 |
| LANE 3 | 2.27 | 1.68 |
| LANE 4 | 1.33 | 2.23 |

Mean Avg = 3.1 SD Avg % = 1.0

*Please see accomp. data file:

CDS_202_1033.xls

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

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

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

| | (LANE 1) | sensor 1 | sensor 2 |
|---------|----------|----------|----------|
| SB_SLOW | 9070 | 9070 | |
| SB_PASS | 13080 | 9850 | |
| NB_PASS | 1370 | 12200 | |
| NB_SLOW | 8430 | 10000 | |

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 | 8 | FHWA CLASS | _____ | _____ |
|----------------|---|---|------------|-------|-------|
| *** FHWA CLASS | 9 | 8 | FHWA CLASS | _____ | _____ |
| *** FHWA CLASS | 9 | 8 | FHWA CLASS | _____ | _____ |
| *** FHWA CLASS | 9 | 8 | FHWA CLASS | _____ | _____ |

*** PERCENT AUNCLASSIFIED \cong VEHICLES: _____ . _____

PERSON LEADING CALIBRATION EFFORT: BRIAN BRITTON
 CONTACT INFORMATION: M. AFRINA KHANDAKAR (609)530-3508