

| | | |
|--|--------------------|-------------|
| SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.C1M ✓

DISK ID:

BEGINNING DATE: *01-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *01-31-2012*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

EQUIPMENT MAKE/MODEL#: *International Road Dynamics' 1060 Piezo WIM System.*

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

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

| | | |
|--|--------------------|-------------|
| SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.D1M ✓

DISK ID:

BEGINNING DATE: *02-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *02-29-2012*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

EQUIPMENT MAKE/MODEL#: *International Road Dynamics' 1060 Piezo WIM System.*

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: NO CLASS DATA FROM 20TH TO 27TH

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Mahmood Afrina Khandakar</i> | PHONE: <i>(609) 530-3508</i> |
| DATE PREPARED: <i>March 27, 2012</i> | |

| | | |
|--|--------------------|-------------|
| SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): ***NJ-023***

MILEPOST NO. OR LOCATION (THIS COUNT): ***MP 23.8, West Milford Township, Passaic County***

FILENAME: C341030.EOM ✓

DISK ID:

BEGINNING DATE: ***03-25-2012***

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

ENDING DATE: ***03-31-2012***

ENDING TIME: ***24:00***

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

VEHICLE CLASSIFICATION METHOD: FHWA ***X*** OTHER

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

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

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

EQUIPMENT MAKE/MODEL#: ***International Road Dynamics' 1060 Piezo WIM System.***

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: No data on March 1-24, due to system problem

NAME OF PREPARER: ***Eric M. Oberle***

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

DATE PREPARED: ***April 13, 2012***

| | | |
|--|--------------------|-------------|
| SHEET 12 LTTP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.FLM ✓

DISK ID:

BEGINNING DATE: *04-22-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *04-28-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1*

[] HOURS

[] DAYS

[X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X*

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: *N/A*

NO. OF BINS: *N/A*

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

TYPE OF AVC EQUIPMENT:

PORTABLE

PERMANENT *X*

EQUIPMENT MAKE/MODEL#: *International Road Dynamics' 1060 Piezo WIM System.*

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: No data on April 1-21 and 29-30 due to system problem

NAME OF PREPARER: *Eric M. Oberle*

PHONE: *(609)-530-2667*

DATE PREPARED: *May 17, 2012*

| | | |
|--|--------------------|-------------|
| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.J7M ✓

DISK ID:

BEGINNING DATE: *08-07-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *08-31-2012*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *No data on August 1-6 due to system problem.*

| | |
|--|------------------------------|
| NAME OF PREPARER: <i>Eric M. Oberle</i> | PHONE: <i>(609)-530-2667</i> |
| DATE PREPARED: <i>September 14, 2012</i> | |

| | | |
|--|--------------------|-----------|
| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.K1M ✓

DISK ID:

BEGINNING DATE: *09-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *09-30-2012*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: *No Northbound data on September 11-14 and 29 due to system problem.*

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

| | | |
|--|--------------------|-------------|
| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.L1M

DISK ID:

BEGINNING DATE: *10-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *10-31-2012*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS: No Northbound Class data on October 27-28 due to system problem. Low volumes on October 28-31 due to Hurricane Sandy.

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

| | | |
|--|--------------------|-----------|
| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.M1M ✓

DISK ID:

BEGINNING DATE: *11-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *11-30-2012*

ENDING TIME: *24:00*

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

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Eric M. Oberle</i> | PHONE: <i>(609)-530-2667</i> |
| DATE PREPARED: <i>December 11, 2012</i> | |

| | | |
|--|--------------------|-----------|
| SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ-023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

HIGHWAY RT. NO. (THIS COUNT): *NJ-023*

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 23.8, West Milford Township, Passaic County*

FILENAME: C341030.N1M ✓

DISK ID:

BEGINNING DATE: *12-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *12-31-2012*

ENDING TIME: *24:00*

COUNT DURATION: *1* ☐ HOURS ☐ DAYS ☒ MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA *X* OTHER

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

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

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT *X*

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

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

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

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

COMMENTS:

| | |
|---|------------------------------|
| NAME OF PREPARER: <i>Eric M. Oberle</i> | PHONE: <i>(609)-530-2667</i> |
| DATE PREPARED: <i>January 10, 2013</i> | |

LTPP TRAFFIC DATA

*STATE ASSIGNED ID

[NJ023]

*STATE CODE

[3 4]

VEHICLE WEIGHT DATA
TRANSMITTAL FORM

*SHRP SECTION ID

[1 030]

HIGHWAY RT. NO. (THIS SESSION): *NJ-023*MILEPOST NO. OR LOCATION (THIS SESSION): *MP 23.8, West Milford, Passaic County*VEHICLE IDENTIFICATION NAME : W341030. C1M ✓
V341030. C1M

DISK ID:

BEGINNING DATE: *01-01-2012*BEGINNING TIME: *00:00*ENDING DATE: *01-31-2012*ENDING TIME: *24:00*

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

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM *X* OTHEREQUIPMENT MAKE/MODEL# *International Road Dynamics 1060 Piezo WIM System*SENSOR TYPE: *Each lane has two (2) loops and two (2) Class I piezoelectric WIM sensors, (L-P-P-L) configuration.*

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card *X*

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

METHOD OF CALIBRATION AND FREQUENCY: *Calibration is field validated on each site once a year using a 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. After the initial run, 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*PHONE: *(609)-530-3508*DATE PREPARED: *February 24, 2012*

| | |
|---|----------------------------|
| SHEET 13 LTPP TRAFFIC DATA | *STATE ASSIGNED ID [NJ023] |
| VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE CODE [3 4] |
| | *SHRP SECTION ID [1 030] |

HWY RT. NO. (THIS SESSION): *NJ-023*

LEPOST NO. OR LOCATION (THIS SESSION): *MP 23.8, West Milford, Passaic County*

LENAME : W341030. D1M ✓ DISK ID:
V341030. D1M

GINNING DATE: *02-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *02-29-2012*

ENDING TIME: *24:00*

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

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

EQUIPMENT MAKE/MODEL# *International Road Dynamics 1060 Piezo WIM System*

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

EHICLE 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

AME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

OTE: 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 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. After the initial run, 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.*

MMENTS: NO WEIGHT DATA FROM 20TH TO 27TH

ME OF PREPARER: *M.Afrina Khandakar*

PHONE: *(609)-530-3508*

TE PREPARED: *March 27, 2012*

| | | |
|---|--------------------|-----------|
| SHEET 13 | *STATE ASSIGNED ID | [NJ023] |
| LTPP TRAFFIC DATA | *STATE CODE | [3 4] |
| VEHICLE WEIGHT DATA TRANSMITTAL FORM | *SHRP SECTION ID | [1 030] |

HIGHWAY RT. NO. (THIS SESSION): **NJ-023**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 23.8, West Milford, Passaic County**

WGT. LEN. NAME : W341030. EOM ✓
V341030. EIM

DISK ID:

BEGINNING DATE: **03-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **03-31-2012**

ENDING TIME: **24:00**

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

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

EQUIPMENT MAKE/MODEL# **International Road Dynamics 1060 Piezo WIM System**

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

VEHICLE CLASSIFICATION METHOD:

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

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

7-card 6 digit Truck Weight study

W-card **X**

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

METHOD OF CALIBRATION AND FREQUENCY: **Calibration is field validated on each site once a year using a 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 averaged using only the consistently measured GVW. After another 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.**

COMMENTS: No weight data from March 1-24, due to system problem

NAME OF PREPARER: **Eric M. Oberle**

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

| | |
|---|----------------------------|
| SHEET 13 LTTP TRAFFIC DATA | *STATE ASSIGNED ID [NJ023] |
| VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE CODE [3 4] |
| | *SHRP SECTION ID [1 030] |

HIGHWAY RT. NO. (THIS SESSION): *NJ-023*

FILEPOST NO. OR LOCATION (THIS SESSION): *MP 23.8, West Milford, Passaic County*

FILENAME : W341030.FLM ✓
V341030.F1M

DISK ID:

BEGINNING DATE: *04-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *04-30-2012*

ENDING TIME: *24:00*

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

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

EQUIPMENT MAKE/MODEL# *International Road Dynamics 1060 Piezo WIM System*

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

VEHICLE CLASSIFICATION METHOD:

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

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

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

METHOD OF CALIBRATION AND FREQUENCY: *Calibration is field validated on each site once a year using a 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 averaged using only the consistently measured GVW. After 10 or more passes are then made after inputting the new changes to confirm the calibration tolerances. The process is repeated until the required tolerance is satisfied.*

COMMENTS: No weight data from April 1-21 and 29-30 due to system problem

NAME OF PREPARER: *Eric M. Oberle*

PHONE: *(609)-530-2667*

| | | |
|--|--------------------|-----------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 030] |

HIGHWAY RT. NO. (THIS SESSION): *NJ-023*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 23.8, West Milford, Passaic County*

FILENAME : W341030.J7M
V341030.J7M

DISK ID:

BEGINNING DATE: *08-07-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *08-31-2012*

ENDING TIME: *24:00*

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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

COMMENTS: No weight or volume data from August 1-6 due to system problem

| | |
|--|------------------------------|
| NAME OF PREPARER: <i>Eric M. Oberle</i> | PHONE: <i>(609)-530-2667</i> |
| DATE PREPARED: <i>September 14, 2012</i> | |

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|--|--------------------|-----------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 030] |

HIGHWAY RT. NO. (THIS SESSION): **NJ-023**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 23.8, West Milford, Passaic County**

FILENAME: W341030. K1M ✓ DISK ID:
V341030. K1M

BEGINNING DATE: **09-01-2012** BEGINNING TIME: **00:00**

ENDING DATE: **09-30-2012** ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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

NAME OF AGENCY CLASSIFICATION SCHEME: NO. OF BINS

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

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 Northbound weight data from September 11-14 and 29 due to system problem

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

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|--|--------------------|-----------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 030] |

HIGHWAY RT. NO. (THIS SESSION): *NJ-023*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 23.8, West Milford, Passaic County*

FILENAME : W341030.L1M
V341030.L1M

DISK ID:

BEGINNING DATE: *10-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *10-31-2012*

ENDING TIME: *24:00*

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

7-card 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 Northbound weight data on October 27-28 due to system problem. Low volumes on October 28-31 due to Hurricane Sandy.

NAME OF PREPARER: *Eric M. Oberle*
DATE PREPARED: *November 19, 2012*

PHONE: *(609)-530-2667*

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|--|--------------------|-----------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 030] |

HIGHWAY RT. NO. (THIS SESSION): *NJ-023*

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 23.8, West Milford, Passaic County*

FILENAME : W341030.M1M ✓
V341030.M1M

DISK ID:

BEGINNING DATE: *11-01-2012*

BEGINNING TIME: *00:00*

ENDING DATE: *11-30-2012*

ENDING TIME: *24:00*

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

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|---|------------------------------|
| NAME OF PREPARER: <i>Eric M. Oberle</i> | PHONE: <i>(609)-530-2667</i> |
| DATE PREPARED: <i>December 11, 2012</i> | |

| | | |
|--|--------------------|-----------|
| SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM | *STATE ASSIGNED ID | [NJ023] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 030] |

HIGHWAY RT. NO. (THIS SESSION): **NJ-023**

MILEPOST NO. OR LOCATION (THIS SESSION): **MP 23.8, West Milford, Passaic County**

FILENAME : W341030. N1M ✓
V341030. N1M

DISK ID:

BEGINNING DATE: **12-01-2012**

BEGINNING TIME: **00:00**

ENDING DATE: **12-31-2012**

ENDING TIME: **24:00**

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

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

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

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

VEHICLE CLASSIFICATION METHOD:

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

7-card 6 digit Truck Weight study

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

W-card X

OTHER

NAME OF AGENCY CLASSIFICATION SCHEME:

NO. OF BINS

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

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:

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| NAME OF PREPARER: Eric M. Oberle | PHONE: (609)-530-2667 |
| DATE PREPARED: January 10, 2013 | |

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|--|--------------------|-------------|
| SHEET 15 LTTP TRAFFIC DATA LOG OF CHANGE AT LTTP TEST LOCATIONS WITH PERM. AVC OR WIM | *STATE ASSIGNED ID | [NJ-23] |
| | *STATE CODE | [3 4] |
| | *SHRP SECTION ID | [1 0 3 0] |

Location: *West Milford Township, 3 miles North of Route Co. 513.*

TYPE EQUIP.: *Permanent WIM station*

MP # 23.8

MODEL # IRD iSINC W3

| DATE OF CHANGE | TIME OF CHANGE | DESCRIPTION OF CHANGE | PERSON MAKING CHANGES | PHONE | NEW EQUIP. SERIAL# |
|----------------|----------------|-----------------------------|-----------------------|----------------|--------------------|
| 07-01-2012 | | Upgrade with iSINC computer | Trevor from IRD | 1-877-444-4473 | P/N 16010901 |
| | | | | | |
| | | | | | |