

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [_ 34 _] *SHRP SECTION ID [_ 1031 _]
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1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL=S/YR LTPP LANE (1000'S)
2001	37663	3691	5838	1296	189

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☒ Growth factored last year=s estimate. (6)
☐ Estimated based on volume counts at nearby locations. (3)
☐ Used computerized network analyses. (4)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Average multiple counts taken this year at the LTPP site. (2)
☐ Average and factored multiple count taken this year at the LTPP site. (5)
☐ Used flow maps. (7)
☐ Other: (8) _____

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system averages from counts taken this year. (6)
☐ Used count data from nearby sites. (3)
☐ Used count data from previous years at the LTPP site. (7)
☒ Used system averages from previous years. (8)
☐ Used computerized network analyses. (4)
☐ Used a single count taken this year at the LTPP site. (5)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Averaged multiple counts taken this year at the LTPP site. (2)
☐ Other: (9) _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT

- ☐ System distribution factors. (2)
☐ Based on actual lane count data. (1)
☒ Other: (3) __ Growth Factor _____

***5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT**

- ☐ System distribution factors. (2)
☐ Based on actual lane data count. (1)
☒ Other: (3) __ Growth Factor _____

***6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE**

- ☒ ESAL/Truck factor (1)
☐ ESAL/Vehicle class. (2) (No. of classes)
☐ ESAL/Axle(3) Sing. ____ Tand. ____ Tri. ____
☐ Other: (4) _____

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
☐ Weight data from system averages this year. (3)
☒ Weight data from system averages prior years. (4)
☐ Weight data from historic W-4 Tables used. (5)
☐ Other: (6) _____

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
☐ Static scale used for enforcement. (2)
☒ Static scale not used for enforcement. (3)
☐ Other: (4) _____

NAME OF PREPARER <u>Nancy Whiteford</u>	PHONE# _____	
DATE PREPARED <u>June 2009</u>	rev. March 12, 2001	

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

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 36.5, Vineland Township, 2.8 miles South of Route US-40*

FILENAME : DISK ID :
 BEGINNING DATE: BEGINNING TIME:
 ENDING DATE: ENDING TIME:
 COUNT DURATION: [] 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 a single upstream loop 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: All piezos are down.

NAME OF PREPARER: <i>Christopher Zajac</i>	PHONE: <i>(609)-530-4548</i>
DATE PREPARED: <i>November 15, 2001</i>	

Sheet 12Traffic Data
Collection SiteState Code: 34
SHRP Section ID: 1031
Effective Date: 01/01/01Highway Route Number: NJ-55Milepost Number: 36.5Location: Vineland Township, 2.8 miles South of Route US-40Vehicle Classification Method: FHWA: X Other: _____ #Bins:Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: Each lane has a single upstream loop and two (2) class I piezoelectric wim sensors.Weight Scale Type: Portable WIM: _____ Permanent WIM: X Other:Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: Same as the above (permanent WIM system)Method of Calibration: Automatic - daily; Manual - Yearly (calibrated - Sep. 25, 1999)Comments: No data has been provided due to the system failure.Date Prepared: March 5, 2001
Name of Preparer: Christopher I. ZajacFax Number: (609) 530-3514
Phone Number: (609) 530 4548

Sheet 12Traffic Data
Collection SiteState Code: 34
SHRP Section ID: 1031
Effective Date: 03/01/01Highway Route Number: NJ-55Milepost Number: 36.5Location: Vineland Township, 2.8 miles South of Route US-40Vehicle Classification Method: FHWA: X Other: _____ #Bins:Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: Each lane has a single upstream loop and two (2) class I piezoelectric wim sensors.Weight Scale Type: Portable WIM: _____ Permanent WIM: X Other:Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: Same as the above (permanent WIM system)Method of Calibration: Automatic - daily; Manual - Yearly (calibrated - Sep. 25, 1999)Comments: No data has been provided due to the system failure.Date Prepared: May 3, 2001
Name of Preparer: Christopher I. ZajacFax Number: (609) 530-3514
Phone Number: (609) 530 4548

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

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 36.5, Vineland Township, 2.8 miles South of Route US-40*

FILENAME : DISK ID :
 BEGINNING DATE: BEGINNING TIME:
 ENDING DATE: ENDING TIME:
 COUNT DURATION: [] 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 a single upstream loop 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: All piezos are down.

NAME OF PREPARER: <i>Christopher Zajac</i>	PHONE: <i>(609)-530-4548</i>
DATE PREPARED: <i>July 10, 2001</i>	

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

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

MILEPOST NO. OR LOCATION (THIS COUNT): *MP 36.5, Vineland Township, 2.8 miles South of Route US-40*

FILENAME : DISK ID :
 BEGINNING DATE: BEGINNING TIME:
 ENDING DATE: ENDING TIME:
 COUNT DURATION: [] HOURS [] DAYS [] MONTHS
 VEHICLE CLASSIFICATION METHOD: FHWA ☒ 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 ☒

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GENERAL FACTORS:

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

COMMENTS: All piezos are down.

NAME OF PREPARER: <i>Christopher Zajac</i>	PHONE: <i>(609)-530-4548</i>
DATE PREPARED: <i>January 15, 2002</i>	

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

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

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 36.5, Vineland Township, 2.8 miles South of Route US-40.*

FILENAME : The system is not operational.

DISK ID:

BEGINNING DATE :

BEGINNING TIME:

ENDING DATE:

ENDING TIME:

COUNT DURATION: ☐ HOURS ☐ DAYS ☐ MONTHS

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

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

SENSOR TYPE: *Each lane has a single upstream loop 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 ☒

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: The site is not operational due to the sensors failure.

NAME OF PREPARER: *Christopher Zajac*
DATE PREPARED: *January 15, 2002*

PHONE: *(609)-530-4548*

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

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

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 36.5, Vineland Township, 2.8 miles South of Route US-40.*

FILENAME : The system is not operational.

DISK ID:

BEGINNING DATE :

BEGINNING TIME:

ENDING DATE:

ENDING TIME:

COUNT DURATION: ☐ HOURS ☐ DAYS ☐ MONTHS

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

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

SENSOR TYPE: *Each lane has a single upstream loop 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 ☒

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: The site is not operational due to the sensors failure.

NAME OF PREPARER: <i>Christopher Zajac</i>	PHONE: <i>(609)-530-4548</i>
DATE PREPARED: <i>July 10, 2001</i>	

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

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

MILEPOST NO. OR LOCATION (THIS SESSION): *MP 36.5, Vineland Township, 2.8 miles South of Route US-40.*

FILENAME : The system is not operational.

DISK ID:

BEGINNING DATE :

BEGINNING TIME:

ENDING DATE:

ENDING TIME:

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

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

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

SENSOR TYPE: *Each lane has a single upstream loop and two (2) class I piezoelectric WIM sensors.*

VEHICLE CLASSIFICATION METHOD:

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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: The site is not operational due to the sensors failure.

NAME OF PREPARER: <i>Christopher Zajac</i>	PHONE: <i>(609)-530-4548</i>
DATE PREPARED: <i>November 13, 2001</i>	

Sheet 13Traffic Data Files
Transmittal FormState: **New Jersey**
State Code: **34**

FILENAME	START DATE (mm / dd / yy)	START TIME (hh:mm)	END DATE (mm / dd / yy)	END TIME (hh:mm)	CLASS SCHEME
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DIR 1031_551

System Down

DIR 1638_552

System Down

DIR 1034_552

V341034.C1B	01/01/01	00:00	01/31/01	24:00	FHWA
C341034.C1B	01/01/01	00:00	01/31/01	24:00	FHWA
W341034.C1B	01/01/01	00:00	01/31/01	24:00	FHWA

DIR 4042_295

V344042.C1B	01/01/01	00:00	01/31/01	24:00	FHWA
C344042.C1B	01/01/01	00:00	01/31/01	24:00	FHWA
W344042.C1B	01/01/01	00:00	01/31/01	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **MARCH 5, 2001**FAX Number: **609/ 530-3514**

Sheet 13Traffic Data Files
Transmittal FormState: **New Jersey**
State Code: **34**

FILENAME	START DATE (mm / dd / yy)	START TIME (hh:mm)	END DATE (mm / dd / yy)	END TIME (hh:mm)	CLASS SCHEME
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DIR 1031_551

System Down

DIR 1638_552

V341034.DBB	02/12/01	00:00	02/28/01	24:00	FHWA
C341034.DBB	02/12/01	00:00	02/28/01	24:00	FHWA
W341034.DBB	02/12/01	00:00	02/28/01	24:00	FHWA

DIR 1034_552

V341034.D1B	02/01/01	00:00	02/28/01	24:00	FHWA
C341034.D1B	02/01/01	00:00	02/28/01	24:00	FHWA
W341034.D1B	02/01/01	00:00	02/28/01	24:00	FHWA

DIR 4042_295

V344042.D1B	02/01/01	00:00	02/28/01	24:00	FHWA
C344042.D1B	02/01/01	00:00	02/28/01	24:00	FHWA
W344042.D1B	02/01/01	00:00	02/28/01	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **MARCH 5, 2001**FAX Number: **609/ 530-3514**

Sheet 13Traffic Data Files
Transmittal FormState: **New Jersey**
State Code: **34**

FILENAME	START DATE (mm / dd / yy)	START TIME (hh:mm)	END DATE (mm / dd / yy)	END TIME (hh:mm)	CLASS SCHEME
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DIR 1031_551

System Down

DIR 1638_552

V341638.F6B	04/06/01	00:00	04/30/01	24:00	FHWA
C341638.F6B	04/06/01	00:00	04/30/01	24:00	FHWA
W341638.F6B	04/06/01	00:00	04/30/01	24:00	FHWA

DIR 1034_552

V341034.F6B	04/06/01	00:00	04/30/01	24:00	FHWA
C341034.F6B	04/06/01	00:00	04/30/01	24:00	FHWA
W341034.F6B	04/06/01	00:00	04/30/01	24:00	FHWA

DIR 4042_295

V344042.F3B	04/03/01	00:00	04/30/01	24:00	FHWA
C344042.F3B	04/03/01	00:00	04/30/01	24:00	FHWA
W344042.F3B	04/03/01	00:00	04/30/01	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **MAY 3, 2001**FAX Number: **609/ 530-3514**