

<p align="center">SHEET 10 LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT</p>	*STATE ASSIGNED ID	<u>1-95</u>
	*STATE CODE	<u>34</u>
	*SHRP SECTION ID	<u>6057</u>

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)
<u>1994</u>	<u>47081</u>	<u>5418</u>	<u>7301</u>	<u>1893</u>	<u>511</u>

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 Abid Ikram

DATE PREPARED August 21/2008

PHONE# _____

SHEET 12
TRAFFIC DATA
COLLECTION SITE

STATE ASSIGNED ID
STATE CODE
SHRP SECTION ID
EFFECTIVE DATE

34--
6057
2111 1994

HIGHWAY RT. NO. I-95 MILEPOST NO. 101

LOCATION 1 MI. NORTH OF SCUDDER FALLS BRIDGE

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER ☐ #BINS ☐

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE ☐ PERMANENT ☒

AVC EQUIPMENT MAKE / MODEL NO. IRD PIEZO WIM SYSTEM

4 LANE SINGLE UPSTREAM LOOP WITH 2 CLASS 1 PIEZO-
SENSOR TYPE ELECTRIC WIM SENSORS and CLASS 2 FOR THE 2 INNER LANES,

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

EQUIPMENT MAKE / MODEL NO. IRD PIEZO WIM SYSTEM

SENSOR TYPE SAME AS ABOVE

METHOD OF CALIBRATION: MANUAL/AUTOMATIC

FREQUENCY OF CALIBRATION: MANUAL - YEARLY/AUTOMATIC - DAILY.

COMMENTS: Due to the extreme cold weather condition
IN JANUARY 1994 AND FREQUENT POWER FAILURE,
THE SYSTEM FAILED AND NO DATA COLLECTED FROM
JAN. 5 TO 23, 1994.

NAME OF PREPARER ED DATU

PHONE NO. 605/530-3526

DATE PREPARED 22 FEB 94

Sheet 12Traffic Data
Collection SiteState Assigned ID: _ _ _ _
State Code: 3 4
SHRP Section ID: 6 0 5 7
Effective Date: 02/01/94

Highway Route Number: I-95 Milepost No.: 1.1Location: Ewing Twp., 1 mile North of Scudders Falls BridgeVehicle Classification Method: FHWA X Other #Bins Type of Classification Equipment: Portable: Permanent: XAVC Equipment Make/Model No.: Int. Road Dynamics' Piezo WIM SystemSensor Type: The 2 outside lanes in each direction have single
upstream loop with 2 Class 1 piezoelectric wim sensors
and the inside (passing) lane in each direction have
single upstream loop and class 2 piezo sensor.Weight Scale Type: Port. WIM Perm. WIM X Other Equipment Make / Model No.: IRD Piezo WIM SystemSensor Type: Same as the above sensor type (one system)Method of Calibration: manual calibration; automatic calibrationFrequency of Calibration: manual - yearly; automatic - daily

Comments:

Name of Preparer: Ed Datu Phone Number: (609) 530-3526
Date Prepared: April 4, 1994 Fax Number: (609) 530-2909

Sheet 12Traffic Data
Collection SiteState Assigned ID: _____
State Code: 34
SHRP Section ID: 6057
Effective Date: 05/01/94

Highway Route Number: I-95 Milepost No.: 1.1Location: Ewing Twp., 1 mile North of Scudders Falls BridgeVehicle Classification Method: FHWA X Other _____ #Bins _____Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No.: Int. Road Dynamics' Piezo WIM SystemSensor Type: The 2 outside lanes in each direction have single upstream loop with 2 Class 1 piezoelectric wim sensors and the inside (3rd lane) lane in each direction have single upstream loop and 2 dynax sensors for classification only.Weight Scale Type: Port. WIM _____ Perm. WIM X Other _____Equipment Make / Model No.: IRD Piezo WIM SystemSensor Type: Same as the above sensor type (one system)Method of Calibration: manual calibration; automatic calibrationFrequency of Calibration: manual - yearly; automatic - dailyComments: No data available for this month due to equipment failure.

Name of Preparer: Ed Datu Phone Number: (609) 530-3526
Date Prepared: June 17, 1994 Fax Number: (609) 530-2909

Sheet 12

Traffic Data
Collection Site

State Assigned ID: _____
State Code: 24
SHRP Section ID: 6.0.5.2
Effective Date: 06/01/94

Highway Route Number: I-95 Milepost No.: 1.1

Location: Ewing Twp., 1 mile North of Scudders Falls Bridge

Vehicle Classification Method: FHWA X Other #Bins

Type of Classification Equipment: Portable: Permanent: X

AVC Equipment Make/Model No.: Int. Road Dynamics' Piezo WIM System

Sensor Type: The 2 outside lanes in each direction have single upstream loop with 2 Class 1 piezoelectric wim sensors and the inside (3rd lane) lane in each direction have single upstream loop and 2 dynax sensors for classification only.

Weight Scale Type: Port. WIM Perm. WIM X Other

Equipment Make / Model No.: IRD Piezo WIM System

Sensor Type: Same as the above sensor type (one system)

Method of Calibration: manual calibration; automatic calibration

Frequency of Calibration: manual - yearly; automatic - daily

Comments: No data available for this month due to equipment failure.

Name of Preparer: Ed Datu Phone Number: (609) 530-3526
Date Prepared: July 14, 1994 Fax Number: 609) 530-2909

Sheet 12Traffic Data
Collection Site

State Assigned ID: _____

State Code: 34SHRP Section ID: 6057Effective Date: 07/01/94Highway Route Number: I-95Milepost Number: 1.10Location: Ewing Township, 1 mile North of Scudders Falls Bridge (NJ-PA State Line)Vehicle Classification Method: FHWA: X Other: _____ #Bins: _____Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: The 2 outside lanes in each direction (lanes 1, 2, 5 & 6) have single upstream loop with 2 Class I piezoelectric WIM sensors and the inside lanes in each direction (lanes 3 & 4) have single upstream loops and 2 dynax sensors for classification only.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 - YearlyComments: No data available in the 3rd and 4th lanes (classification lanes) due to system failure.Name of Preparer: Ed C. DatuDate Prepared: August 9, 1994Phone Number: (609) 530-3526FAX Number: (609) 530-3514

Sheet 12Traffic Data
Collection SiteState Assigned ID: _____
State Code: 34
SHRP Section ID: 6057
Effective Date: 08/01/94Highway Route Number: I-95Milepost Number: 1.10Location: Ewing Township, 1 mile North of Scudders Falls Bridge (NJ-PA State Line)Vehicle Classification Method: FHWA: X Other: _____ #Bins: _____Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: The 2 outside lanes in each direction (lanes 1, 2, 5 & 6) have single upstream loop with 2 Class I piezoelectric WIM sensors and the inside lanes in each direction (lanes 3 & 4) have single upstream loops and 2 dynax sensors for classification only.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 - YearlyComments: No data available in the 3rd and 4th lanes (classification lanes) due to system failure.Name of Preparer: Ed C. Datu
Date Prepared: September 14, 1994Phone Number: (609) 530-3526
FAX Number: (609) 530-3514

Sheet 12Traffic Data
Collection SiteState Assigned ID: _____
State Code: 34
SHRP Section ID: 6057
Effective Date: 09/01/94Highway Route Number: I-95Milepost Number: 1.10Location: Ewing Township, 1 mile North of Scudder Falls Bridge (NJ-PA State Line)Vehicle Classification Method: FHWA: X Other: _____ #Bins: _____Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: The 2 outside lanes in each direction (lanes 1, 2, 5 & 6) have single upstream loop with 2 Class I piezoelectric WIM sensors and the inside lanes in each direction (lanes 3 & 4) have single upstream loops and 2 dynax sensors for classification only.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 - YearlyComments: No data available in the 3rd and 4th lanes (classification lanes) due to system failure.Also, no data from September 3 (9:00) - September 16 (16:00) in all the lanes because the system is in diagnostic mode.* System calibrated manually on September 3, 1994.Name of Preparer: Ed C. Datu
Date Prepared: November 16, 1994Phone Number: (609) 530-3526
FAX Number: (609) 530-3514

Sheet 12Traffic Data
Collection SiteState Assigned ID: _____
State Code: 34
SHRP Section ID: 6057
Effective Date: 11/01/94Highway Route Number: I-95Milepost Number: 1.10Location: Ewing Township, 1 mile North of Scudder Falls Bridge (NJ-PA State Line)Vehicle Classification Method: FHWA: X Other: _____ #Bins: _____Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: The 2 outside lanes in each direction (lanes 1, 2, 5 & 6) have single upstream loop with 2 Class I piezoelectric WIM sensors and the inside lanes in each direction (lanes 3 & 4) have single upstream loops and 2 dynax sensors for classification only.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 - YearlyComments: * System calibrated manually on September 3, 1994.Name of Preparer: Ed C. Datu
Date Prepared: December 8, 1994Phone Number: (609) 530-3526
FAX Number: (609) 530-3514

Sheet 12Traffic Data
Collection SiteState Assigned ID: _____
State Code: 34
SHRP Section ID: 6057
Effective Date: 12/01/94Highway Route Number: I-95Milepost Number: 1.10Location: Ewing Township, 1 mile North of Scudder Falls Bridge (NJ-PA State Line)Vehicle Classification Method: FHWA: X Other: _____ #Bins: _____Type of Classification Equipment: Portable: _____ Permanent: XAVC Equipment Make/Model No: International Road Dynamics' Piezo WIM SystemSensor Type: The 2 outside lanes in each direction (lanes 1, 2, 5 & 6) have single upstream loop with 2 Class I piezoelectric WIM sensors and the inside lanes in each direction (lanes 3 & 4) have single upstream loops and 2 dynax sensors for classification only.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

Comments: **December 1994 data files were collected and processed using the US Feet/lbs English system. The January 1995 data files were processed using the metric system. Effective this January 1995 SHRP Reports, New Jersey WIM data will be submitted in Metric system.**

Name of Preparer: Ed C. Datu
Date Prepared: February 10, 1995Phone Number: (609) 530-3526
FAX Number: (609) 530-3514

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

NEW JERSEY
34

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
<u>C34A042.C14</u>	<u>01/01/54</u>	<u>00:00</u>	<u>01/31/54</u>	<u>24:00</u>	<u>FHWA</u>
<u>V34A042.C14</u>	"	"	"	"	"
<u>W34A042.C14</u>	"	"	"	"	"
<u>C34A057.C14</u>	<u>01/01/54</u>	<u>00:00</u>	<u>01/08/54</u>	<u>10:00</u>	<u>FHWA</u>
<u>V34A057.C14</u>	"	"	"	"	"
<u>W34A057.C14</u>	"	"	"	"	"
<u>C34A057.CN4</u>	<u>01/24/54</u>	<u>13:00</u> <u>01:00</u>	<u>01/31/54</u>	<u>23:00</u>	<u>FHWA</u>
<u>V34A057.CN4</u>	"	"	"	"	"
<u>W34A057.CN4</u>	"	"	"	"	"
<u>C34A057.C14</u>	<u>01/01/54</u>	<u>00:00</u>	<u>01/31/54</u>	<u>24:00</u>	<u>FHWA</u>
<u>V34A057.C14</u>	"	"	"	"	"
<u>W34A057.C14</u>	"	"	"	"	"
<u>C341003.C14</u>	"	"	"	"	"
<u>V341003.C14</u>	"	"	"	"	"
<u>W341003.C14</u>	"	"	"	"	"

NAME OF PREPARER ED DATA
DATE PREPARED 22 FEB 54

PHONE NO. 609/530-3526

Traffic Data Files Transmittal Form

State: New Jersey
State Code: 34

[illegible]Name of Preparer: Ed C. Datu

Phone Number: **609/ 530-3526**

Date Prepared: ***February 10, 1995***

FAX Number: **609/ 530-3514**

Traffic Data Files
Transmittal Form

State: New Jersey
State Code: 34

Name of Preparer:	<u>Ed C. Datu</u>	Phone Number:	<u>609/ 530-3526</u>
Date Prepared:	<u>December 8, 1994</u>	FAX Number:	<u>609/ 530-3514</u>

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State: New Jersey
State Code: 34

[illegible]

FAX Number: **609/ 530-3514**

Traffic Data Files
Transmittal Form

State: New Jersey
State Code: 34

[illegible]

FAX Number: **609/ 530-3514**

Traffic Data Files Transmittal Form

State Code:

34

Name of Preparer:	<u>Ed C. Datu</u>	Phone Number:	<u>609/ 530-3526</u>
Date Prepared:	<u>August 8, 1994</u>	FAX Number:	<u>609/ 530-3514</u>

Sheet 13Traffic Data Files
Transmittal FormState:
State Code:New Jersey
3 4

FILENAME	START DATE (mm / dd / yy)	START TIME (hh:mm)	END DATE (mm / dd / yy)	END TIME (hh:mm)	CLASS SCHEME
<u>DIR 1011_195</u>					
V346057.H14	06/01/94	00:00	06/14/94	09:00	FHWA
C346057.H14	06/01/94	00:00	06/14/94	09:00	FHWA
W346057.H14	06/01/94	00:00	06/14/94	09:00	FHWA
<u>DIR 1033_202</u>					
V341033.H14	06/01/94	00:00	06/30/94	24:00	FHWA
C341033.H14	06/01/94	00:00	06/30/94	24:00	FHWA
W341033.H14	06/01/94	00:00	06/30/94	24:00	FHWA
<u>DIR 1030_023</u>					
V341030.H14	06/01/94	00:00	06/30/94	24:00	FHWA
C341030.H14	06/01/94	00:00	06/30/94	24:00	FHWA
W341030.H14	06/01/94	00:00	06/30/94	24:00	FHWA
<u>DIR 1003_015</u>					
V341003.H14	06/01/94	00:00	06/30/94	24:00	FHWA
C341003.H14	06/01/94	00:00	06/30/94	24:00	FHWA
W341003.H14	06/01/94	00:00	06/30/94	24:00	FHWA

Name of Preparer: Ed C. DatuPhone Number: 609/ 530-3526Date Prepared: July 14, 1994FAX Number: 609/ 530-2909

Sheet 13

Traffic Data Files

Transmittal Form

State:

New Jersey

State Code:

3 4

FILENAME	START DATE (mm / dd / yy)	START TIME (hh:mm)	END DATE (mm / dd / yy)	END TIME (hh:mm)	CLASS SCHEME
<i>DIR 4042_295</i>					
V344042.E14	03/01/94	00:00	03/31/94	24:00	FHWA
C344042.E14	03/01/94	00:00	03/31/94	24:00	FHWA
W344042.E14	03/01/94	00:00	03/31/94	24:00	FHWA
<i>DIR 1003_015</i>					
V341003.E14	03/01/94	00:00	03/31/94	24:00	FHWA
C341003.E14	03/01/94	00:00	03/31/94	24:00	FHWA
W341003.E14	03/01/94	00:00	03/31/94	24:00	FHWA
<i>DIR 6057_095</i>					
V346057.E14	03/01/94	00:00	03/21/94	24:00	FHWA
C346057.E14	03/01/94	00:00	03/21/94	24:00	FHWA
W346057.E14	03/01/94	00:00	03/21/94	24:00	FHWA
<i>DIR 1638_552</i>					
V341638.E14	03/01/94	00:00	03/31/94	24:00	FHWA
C341638.E14	03/01/94	00:00	03/31/94	24:00	FHWA
W341638.E14	03/01/94	00:00	03/31/94	24:00	FHWA

Name of Preparer: Ed Datu

Phone Number: (609) 530-3526

Date Prepared: April 7, 1994

FAX Number: (609) 530-2909

Sheet 13

Traffic Data Files

Transmittal Form

State:

New Jersey

State Code:

3 4

FILENAME	START DATE (mm / dd / yy)	START TIME (hh:mm)	END DATE (mm / dd / yy)	END TIME (hh:mm)	CLASS SCHEME
<i>DIR 4042_295</i>					
V344042.D14	02/01/94	00:00	02/28/94	24:00	FHWA
C344042.D14	02/01/94	00:00	02/28/94	24:00	FHWA
W344042.D14	02/01/94	00:00	02/28/94	24:00	FHWA
<i>DIR 1003_015</i>					
V341003.D14	02/01/94	00:00	02/28/94	24:00	FHWA
C341003.D14	02/01/94	00:00	02/28/94	24:00	FHWA
W341003.D14	02/01/94	00:00	02/28/94	24:00	FHWA
<i>DIR 6057_095</i>					
V346057.D14	02/01/94	00:00	02/28/94	24:00	FHWA
C346057.D14	02/01/94	00:00	02/28/94	24:00	FHWA
W346057.D14	02/01/94	00:00	02/28/94	24:00	FHWA
<i>DIR 1638_552</i>					
V341638.D14	02/01/94	00:00	02/28/94	24:00	FHWA
C341638.D14	02/01/94	00:00	02/28/94	24:00	FHWA
W341638.D14	02/01/94	00:00	02/28/94	24:00	FHWA

Name of Preparer: Ed Datu

Phone Number: (609) 530-3526

Date Prepared: April 6, 1994

FAX Number: (609) 530-2909

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
 STATE CODE

NEW JERSEY
34

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
<u>V341033.M13</u>	<u>11/01/53</u>	<u>00:00</u>	<u>11/30/53</u>	<u>24:00</u>	<u>FHWA</u>
<u>C341033.M13</u>	"	"	"	"	"
<u>W341033.M13</u>	"	"	"	"	"
<u>V341034.M13</u>	"	"	"	"	"
<u>C341034.M13</u>	"	"	"	"	"
<u>W341034.M13</u>	"	"	"	"	"
<u>V341038.M13</u>	"	"	"	"	"
<u>C341038.M13</u>	"	"	"	"	"
<u>W341038.M13</u>	"	"	"	"	"
<u>V344042.M13</u>	"	"	"	"	"
<u>C344042.M13</u>	"	"	"	"	"
<u>W344042.M13</u>	"	"	"	"	"
<u>V346057.M13</u>	<u>11/01/54</u>	"	"	"	"
<u>C346057.M13</u>	"	"	"	"	"
<u>W346057.M13</u>	"	"	"	"	"

NAME OF PREPARER ED DATU
 DATE PREPARED 16 FEB 54

PHONE NO. 405 / 530-3526