

**Sheet 12**Traffic Data  
Collection SiteState Assigned ID: \_\_\_\_\_  
State Code: 34  
SHRP Section ID: 4042  
Effective Date: 01/01/00Highway Route Number: I-295Milepost Number: 39.6Location: Mount Laurel Township, 2 miles South of Route NJ-38Vehicle 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 (last calibrated - Oct. 16, 1999)

Comments: Jan. 2000- Additional data that was not included in prior reports.

Missing data, Jan.13 (16:00-24:00) (South Bound only)

Feb.2000- Additional data that was not included in prior reports.

Missing data, Feb.3 (9:00-24:00) (South Bound only)

March 2000-Data have been combined for North and South directions.

April 2000 - Missing data, Apr. 5(14:00-24:00)

Name of Preparer: Christopher I. ZajacDate Prepared: May 11, 2000Phone Number: (609) 530-4548FAX Number: (609) 530-3514

**Sheet 12**Traffic Data  
Collection SiteState Assigned ID: \_\_\_\_\_  
State Code: 34  
SHRP Section ID: 4042  
Effective Date: 03/22/00Highway Route Number: I-295Milepost Number: 39.6Location: Mount Laurel Township, 2 miles South of Route NJ-38Vehicle 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 (last calibrated - Oct. 16, 1999)Comments: *Feb. 2000-Missing data, Feb 4-7 due to the system failure*Name of Preparer: Christopher I. Zajac  
Date Prepared: March 22, 2000Phone Number: (609) 530-4548  
FAX Number: (609) 530-3514

**Sheet 12**Traffic Data  
Collection SiteState Code: 34  
SHRP Section ID: 4042  
Effective Date: 05/01/00Highway Route Number: I-295Milepost Number: 39.6Location: Mount Laurel Township, 2 miles South of Route NJ-38Vehicle 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 (last calibrated – May 13, 2000)Comments: May 2000- Missing data, May 1-10Date Prepared: July 17, 2000  
Name of Preparer: Christopher I. ZajacFax Number: (609) 530-3514  
Phone Number: (609) 530 4548

**Sheet 12**Traffic Data  
Collection SiteState Code: 34  
SHRP Section ID: 4042  
Effective Date: 07/01/00Highway Route Number: I-295Milepost Number: 39.6Location: Mount Laurel Township, 2 miles South of Route NJ-38Vehicle 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 (last calibrated - May 13, 2000)Comments: *July 2000 - Missing data, July 11,14,25,26 due to the system failure.*  
*August 2000 - Missing data, August 4,14*Date Prepared: September 18, 2000  
Name of Preparer: Christopher I. ZajacFax Number: (609) 530-3514  
Phone Number: (609) 530 4548

**Sheet 12**Traffic Data  
Collection SiteState Code: 34  
SHRP Section ID: 4042  
Effective Date: 09/01/00Highway Route Number: I-295Milepost Number: 39.6Location: Mount Laurel Township, 2 miles South of Route NJ-38Vehicle 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 (last calibrated - May 13, 2000)Comments: September 2000 - Missing data, 09/01-09/09&09/11 due to the system failure.Date Prepared: November 6, 2000  
Name of Preparer: Christopher I. ZajacFax Number: (609) 530-3514  
Phone Number: (609) 530 4548

**Sheet 12**Traffic Data  
Collection SiteState Code: 34  
SHRP Section ID: 4042  
Effective Date: 11/01/00Highway Route Number: I-295Milepost Number: 39.6Location: Mount Laurel Township, 2 miles South of Route NJ-38Vehicle 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 (last calibrated – May 13, 2000)Comments: *November 2000 – Missing data , November 1 & 28 due to the system failure.**December 2000 - Missing data , December 1,17,30 & 31 due to the system failure.*Date Prepared: *January 4, 2001*  
Name of Preparer: *Christopher I. Zajac*Fax Number: *(609) 530-3514*  
Phone Number: *(609) 530 4548*

**Sheet 13**Traffic Data Files  
Transmittal FormState:  
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
<b>DIR 4042_295</b>					
V344042.C1A ✓	01/01/00	00:00	01/31/00	24:00	FHWA
C344042.C1A ✓	01/01/00	00:00	01/31/00	24:00	FHWA
W344042.C1A ✓	01/01/00	00:00	01/31/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **May 11, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic 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
<b>DIR 1031_551</b>					
V341031.d1a	02/01/00	00:00	02/29/00	24:00	FHWA
C341031.d1a	02/01/00	00:00	02/29/00	24:00	FHWA
W341031.d1a	02/01/00	00:00	02/29/00	24:00	FHWA
<b>DIR 1638_552</b>					
V341638.d9a	02/09/00	00:00	02/29/00	24:00	FHWA
C341638.d9a	02/09/00	00:00	02/29/00	24:00	FHWA
W341638.d9a	02/09/00	00:00	02/29/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.d9a	02/09/00	00:00	02/29/00	24:00	FHWA
C341034.d9a	02/09/00	00:00	02/29/00	24:00	FHWA
W341034.d9a	02/09/00	00:00	02/29/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.d1a	02/01/00	00:00	02/29/00	24:00	FHWA
C344042.d1a	02/01/00	00:00	02/29/00	24:00	FHWA
W344042.d1a	02/01/00	00:00	02/29/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **March 22, 2000**FAX Number: **609/ 530-3514**



**Sheet 13**Traffic 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
<b>DIR 1031_551</b>					
V341031.c1a	01/01/00	00:00	01/31/00	24:00	FHWA
C341031.c1a	01/01/00	00:00	01/31/00	24:00	FHWA
W341031.c1a	01/01/00	00:00	01/31/00	24:00	FHWA
<b>DIR 1638_552</b>					
V341638.c1a	01/01/00	00:00	01/07/00	21:00	FHWA
C341638.c1a	01/01/00	00:00	01/07/00	21:00	FHWA
W341638.c1a	01/01/00	00:00	01/07/00	21:00	FHWA
<b>DIR 1034_552</b>					
V341034.c1a	01/01/00	00:00	01/07/00	21:00	FHWA
C341034.c1a	01/01/00	00:00	01/07/00	21:00	FHWA
W341034.c1a	01/01/00	00:00	01/07/00	21:00	FHWA
<b>DIR 4042_295</b>					
V344042.c1a	01/01/00	00:00	01/31/00	24:00	FHWA
C344042.c1a	01/01/00	00:00	01/31/00	24:00	FHWA
W344042.c1a	01/01/00	00:00	01/31/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **March 22, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic 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
<b>DIR 1031_551</b>					
V341031.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
C341031.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
W341031.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
<b>DIR 1638_552</b>					
V341638.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
C341638.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
W341638.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
C341034.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
W341034.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
C344042.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA
W344042.E1A ✓	03/01/00	00:00	03/31/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **April 24, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic 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
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**DIR 1031\_551**

System Down

V341031.F1A

C341031.F1A

W341031.F1A

**DIR 1638\_552**

V341638.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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C341638.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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W341638.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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**DIR 1034\_552**

V341034.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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C341034.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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W341034.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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**DIR 4042\_295**

V344042.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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C344042.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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W344042.F1A ✓	04/01/00	00:00	04/30/00	24:00	FHWA
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Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **May 11, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic Data Files  
Transmittal Form

State:

**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.G1A	05/01/00	00:00	05/31/00	24:00	FHWA
C341638.G1A	05/01/00	00:00	05/31/00	24:00	FHWA
W341638.G1A	05/01/00	00:00	05/31/00	24:00	FHWA

**DIR 1034\_552**

V341034.G1A	05/01/00	00:00	05/31/00	24:00	FHWA
C341034.G1A	05/01/00	00:00	05/31/00	24:00	FHWA
W341034.G1A	05/01/00	00:00	05/31/00	24:00	FHWA

**DIR 4042\_295**

V344042.GAA	05/11/00	00:00	05/31/00	24:00	FHWA
C344042.GAA	05/11/00	00:00	05/31/00	24:00	FHWA
W344042.GAA	05/11/00	00:00	05/31/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **JUNE 26, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic 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.H1A	06/01/00	00:00	06/09/00	24:00	FHWA
C341638.H1A	06/01/00	00:00	06/09/00	24:00	FHWA
W341638.H1A	06/01/00	00:00	06/09/00	24:00	FHWA

**DIR 1034\_552**

V341034.H1A	06/01/00	00:00	06/09/00	24:00	FHWA
C341034.H1A	06/01/00	00:00	06/09/00	24:00	FHWA
W341034.H1A	06/01/00	00:00	06/09/00	24:00	FHWA

**DIR 4042\_295**

V344042.H1A	06/01/00	00:00	06/30/00	24:00	FHWA
C344042.H1A	06/01/00	00:00	06/30/00	24:00	FHWA
W344042.H1A	06/01/00	00:00	06/30/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **JULY 14, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic 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
<b>DIR 1031_551</b>	System Down				
<b>DIR 1638_552</b>					
V341638.IDA	07/14/00	00:00	07/31/00	24:00	FHWA
C341638.IDA	07/14/00	00:00	07/31/00	24:00	FHWA
W341638.IDA	07/14/00	00:00	07/31/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.IDA	07/14/00	00:00	07/31/00	24:00	FHWA
C341034.IDA	07/14/00	00:00	07/31/00	24:00	FHWA
W341034.IDA	07/14/00	00:00	07/31/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.I1A	07/01/00	00:00	07/31/00	24:00	FHWA
C344042.I1A	07/01/00	00:00	07/31/00	24:00	FHWA
W344042.I1A	07/01/00	00:00	07/31/00	24:00	FHWA

Name of Preparer: **Christopher J. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **AUGUST 15, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic 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
<b>DIR 1031_551</b>					
	System Down				
<b>DIR 1638_552</b>					
V341638.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
C341638.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
W341638.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
C341034.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
W341034.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
C344042.J1A	08/01/00	00:00	08/31/00	24:00	FHWA
W344042.J1A	08/01/00	00:00	08/31/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **SEPTEMBER 15, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic Data Files  
Transmittal FormState: **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
<b>DIR 1031_551</b>					
	System Down				
<b>DIR 1638_552</b>					
V341638.K1A	09/01/00	00:00	09/30/00	24:00	FHWA
C341638.K1A	09/01/00	00:00	09/30/00	24:00	FHWA
W341638.K1A	09/01/00	00:00	09/30/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.K1A	09/01/00	00:00	09/30/00	24:00	FHWA
C341034.K1A	09/01/00	00:00	09/30/00	24:00	FHWA
W341034.K1A	09/01/00	00:00	09/30/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.K0A	09/10/00	00:00	09/30/00	24:00	FHWA
C344042.K0A	09/10/00	00:00	09/30/00	24:00	FHWA
W344042.K0A	09/10/00	00:00	09/30/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **SEPTEMBER 23, 2000**FAX Number: **609/ 530-3514**



**Sheet 13**Traffic Data Files  
Transmittal Form

State:

**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
<b>DIR 1031_551</b>					
	System Down				
<b>DIR 1638_552</b>					
V341638.L1A	10/01/00	00:00	10/31/00	24:00	FHWA
C341638.L1A	10/01/00	00:00	10/31/00	24:00	FHWA
W341638.L1A	10/01/00	00:00	10/31/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.L1A	10/01/00	00:00	10/16/00	24:00	FHWA
C341034.L1A	10/01/00	00:00	10/16/00	24:00	FHWA
W341034.L1A	10/01/00	00:00	10/16/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.L1A	10/01/00	00:00	10/31/00	24:00	FHWA
C344042.L1A	10/01/00	00:00	10/31/00	24:00	FHWA
W344042.L1A	10/01/00	00:00	10/31/00	24:00	FHWA

Name of Preparer: **Christopher I. Zajac**Phone Number: **609/ 530-4548**Date Prepared: **NOVEMBER 6, 2000**FAX Number: **609/ 530-3514**

**Sheet 13**Traffic 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
<b>DIR 1031_551</b>	System Down				
<b>DIR 1638_552</b>					
V341638.M4A	11/04/00	00:00	11/30/00	24:00	FHWA
C341638.M4A	11/04/00	00:00	11/30/00	24:00	FHWA
W341638.M4A	11/04/00	00:00	11/30/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.M4A	11/04/00	00:00	11/30/00	24:00	FHWA
C341034.M4A	11/04/00	00:00	11/30/00	24:00	FHWA
W341034.M4A	11/04/00	00:00	11/30/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.M2A	11/02/00	00:00	11/30/00	24:00	FHWA
C344042.M2A	11/02/00	00:00	11/30/00	24:00	FHWA
W344042.M2A	11/02/00	00:00	11/30/00	24:00	FHWA

Name of Preparer: ***Christopher I. Zajac***Phone Number: ***609/ 530-4548***Date Prepared: ***JANUARY 4, 2000***FAX Number: ***609/ 530-3514***

**Sheet 13**Traffic Data Files  
Transmittal Form

State:

***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
<b>DIR 1031_551</b>					
	System Down				
<b>DIR 1638_552</b>					
V341638.N1A	12/01/00	00:00	12/29/00	24:00	FHWA
C341638.N1A	12/01/00	00:00	12/29/00	24:00	FHWA
W341638.N1A	12/01/00	00:00	12/29/00	24:00	FHWA
<b>DIR 1034_552</b>					
V341034.N1A	12/01/00	00:00	12/29/00	24:00	FHWA
C341034.N1A	12/01/00	00:00	12/29/00	24:00	FHWA
W341034.N1A	12/01/00	00:00	12/29/00	24:00	FHWA
<b>DIR 4042_295</b>					
V344042.N2A	12/02/00	00:00	12/29/00	24:00	FHWA
C344042.N2A	12/02/00	00:00	12/29/00	24:00	FHWA
W344042.N2A	12/02/00	00:00	12/29/00	24:00	FHWA

Name of Preparer: ***Christopher I. Zajac***Phone Number: ***609/ 530-4548***Date Prepared: ***JANUARY 4, 2000***FAX Number: ***609/ 530-3514***

**SHEET 16**  
**LTPP MONITORED TRAFFIC DATA**  
**SITE CALIBRATION SUMMARY**

\*STATE ASSIGNED ID [ 1-295 ]  
\*STATE CODE [ 34 ]  
\*SHRP SECTION ID [ 4042 ]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 05/ 13 /2000 ]
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) \_\_\_\_\_
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  
☒ NUMBER OF TRUCKS COMPARED \_\_\_\_\_ ☐ 1 NUMBER OF TEST TRUCKS USED \_\_\_\_\_
- 10 PASSES PER TRUCK
- | TRUCK | TYPE    | SUSPENSION |
|-------|---------|------------|
| 1     | class 9 | 2          |
| 2     |         |            |
| 3     |         |            |
- TYPE PER FHWA 13 BIN SYSTEM  
SUSPENSION: 1 - AIR; 2 - LEAF SPRING  
3 - OTHER (DESCRIBE) \_\_\_\_\_
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN ---  
DYNAMIC AND STATIC GVW (D)69.9(S)68.46 -2.1% STANDARD DEVIATION 0.7  
DYNAMIC AND STATIC SINGLE AXLES N/A STANDARD DEVIATION ---  
DYNAMIC AND STATIC DOUBLE AXLES N/A STANDARD DEVIATION ---
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) :  
NB\_SLOW sensor 1: 0.472 sensor 2: 0.489  
NB\_MIDDLE sensor 1: 0.323 sensor 2: 0.33  
NB\_PASS Not calibrated (trucks are not allowed in the 3<sup>rd</sup> lane)  
SB\_SLOW sensor 1: 0.347 sensor 2: 0.65  
SB\_MIDDLE sensor 1: 0.526 sensor 2: 0.401  
SB\_FAST Not calibrated (trucks are not allowed in the 3<sup>rd</sup> lane)
- 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 \_\_\_\_\_ FHWA CLASS \_\_\_\_\_  
\*\*\* FHWA CLASS 8 \_\_\_\_\_ FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_
- \*\*\* PERCENT "UNCLASSIFIED" VEHICLES: \_\_\_\_\_

PERSON LEADING CALIBRATION EFFORT: CHRIS ZAJAC  
CONTACT INFORMATION: ED DATU (609)530-5379