

**SHEET 13A
ATTACHMENT
LTTP TRAFFICE DATA
VEHICLE WEIGHT DATA
TRANSMITTAL FORM**

*STATE ASSIGNED ID [4088]
*STATE CODE [09]
*SHRP SECTION ID [4008]

<u>Filename</u>	<u>Start Date</u> mm/dd/yyyy	<u>Start Time</u> hh:mm	<u>End Date</u> mm/dd/yyyy	<u>End Time</u> hh:mm	<u>Class Scheme</u>
C094008.N17	12/1/1997	0:00	12/20/1997	16:45	A
W094008.N17	12/1/1997	0:00	12/20/1997	16:45	A
C094008.NJ7	12/20/1997	16:49	12/31/1997	23:59	A
W094008.NJ7	12/20/1997	16:49	12/31/1997	23:59	A
C094008.C18	1/1/1998	0:00	1/16/1998	9:05	A
W094008.C18	1/1/1998	0:00	1/16/1998	9:05	A
C094008.CF8	1/16/1998	9:06	2/26/1998	13:43	A
W094008.CF8	1/16/1998	9:06	2/26/1998	13:43	A
C094008.EC8	3/13/1998	0:00	6/25/1998	2:59	A
W094008.EC8	3/13/1998	0:00	6/25/1998	2:59	A
C094008.HO8	6/25/1998	3:08	7/17/1998	21:38	A
W094008.HO8	6/25/1998	3:08	7/17/1998	21:38	A
C094008.IH8	7/18/1998	4:56	7/20/1998	11:21	A
W094008.IH8	7/18/1998	4:56	7/20/1998	11:21	A
C094008.IJ8	7/20/1998	11:24	8/10/1998	8:29	A
W094008.IJ8	7/20/1998	11:24	8/10/1998	8:29	A
C094008.J08	8/10/1998	9:06	8/12/1998	18:09	A
W094008.J08	8/10/1998	9:06	8/12/1998	18:09	A
C094008.JB8	8/12/1998	18:14	9/4/1998	9:27	A
W094008.JB8	8/12/1998	18:14	9/4/1998	9:27	A
C094008.KL8	9/22/1998	12:44	10/9/1998	7:45	A
W094008.KL8	9/22/1998	12:44	10/9/1998	7:45	A
C094008.L98	10/9/1998	7:46	10/15/1998	11:29	A
W094008.L98	10/9/1998	7:46	10/15/1998	11:29	A
C094008.LE8	10/15/1998	11:29	11/12/1998	23:59	A
W094008.LE8	10/15/1998	11:29	11/12/1998	23:59	A
C094008.C99	1/9/1999	0:00	1/13/1999	23:59	A
W094008.C99	1/9/1999	0:00	1/13/1999	23:59	A
C094008.CF9	1/16/1999	0:00	2/8/1999	23:59	A
W094008.CF9	1/16/1999	0:00	2/8/1999	23:59	A
C094008.D09	2/10/1999	0:00	5/11/1999	23:59	A
W094008.D09	2/10/1999	0:00	5/11/1999	23:59	A
C094008.GB9	5/12/1999	0:02	6/9/1999	13:25	A
W094008.GB9	5/12/1999	0:02	6/9/1999	13:25	A
C094008.H99	6/9/1999	14:03	6/18/1999	7:54	A

PERSON LEADING CALIBRATION EFFORT:

Anne-Marie McDonnell

CONTACT INFORMATION: 860-258-0308

DATE PREPARED 10/19/00

**SHEET 13A (Con't)
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VEHICLE WEIGHT DATA
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W094008.H99	6/9/1999	14:03	6/18/1999	7:54	A
C094008.HH9	6/18/1999	7:55	7/19/1999	16:18	A
W094008.HH9	6/18/1999	7:55	7/19/1999	16:18	A
CO94008.II9	7/19/1999	16:18	7/24/1999	5:22	A
W094008.II9	7/19/1999	16:18	7/24/1999	5:22	A
C094008.IN9	7/24/1999	5:27	7/25/1999	13:04	A
W094008.IN9	7/24/1999	5:27	7/25/1999	13:04	A
C094008.IO9	7/25/1999	13:04	8/5/1999	15:59	A
W094008.IO9	7/25/1999	13:04	8/5/1999	15:59	A
C094008.J59	8/5/1999	15:59	9/30/1999	23:57	A
W094008.J59	8/5/1999	15:59	9/30/1999	23:57	A
C094008.LD9	10/14/1999	0:00	11/30/1999	14:25	A
W094008.LD9	10/14/1999	0:00	11/30/1999	14:25	A
C094008.MT9	11/30/1999	14:25	12/1/1999	11:43	A
W094008.MT9	11/30/1999	14:25	12/1/1999	11:43	A
C094008.N19	12/1/1999	11:45	12/31/1999	23:58	A
W094008.N19	12/1/1999	11:45	12/31/1999	23:58	A
C094008.C1A	1/1/2000	0:04	1/11/2000	23:59	A
W094008.C1A	1/1/2000	0:04	1/23/2000	9:19	A
C094008.CMA	1/23/2000	9:08	4/19/2000	10:42	A
W094008.CMA	1/23/2000	9:08	4/19/2000	10:42	A
C094008.FIA	4/19/2000	13:54	4/20/2000	11:32	A
W094008.FIA	4/19/2000	13:54	4/20/2000	11:32	A
C094008.FJA	4/20/2000	14:25	4/27/2000	13:43	A
W094008.FJA	4/20/2000	14:25	4/27/2000	13:43	A
C094008.FQA	4/27/2000	13:48	6/12/2000	13:38	A
W094008.FQA	4/27/2000	13:48	6/12/2000	13:38	A

System not operating with corrects factors from
4/19/00- 5/4/00 when factors re-input.

PERSON LEADING CALIBRATION EFFORT:

Anne-Marie McDonnell

CONTACT INFORMATION: 860-258-0308

DATE PREPARED 10/19/00

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TRANSMITTAL FORM**

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*STATE CODE [09]
*SHRP SECTION ID [4008]

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C094008.HH9	6/18/1999	7:55	7/19/1999	16:18	A
W094008.HH9	6/18/1999	7:55	7/19/1999	16:18	A
C094008.II9	7/19/1999	16:18	7/24/1999	5:22	A
W094008.II9	7/19/1999	16:18	7/24/1999	5:22	A
C094008.IN9	7/24/1999	5:27	7/25/1999	13:04	A
W094008.IN9	7/24/1999	5:27	7/25/1999	13:04	A
C094008.IO9	7/25/1999	13:04	8/5/1999	15:59	A
W094008.IO9	7/25/1999	13:04	8/5/1999	15:59	A
C094008.J59	8/5/1999	15:59	9/30/1999	23:57	A
W094008.J59	8/5/1999	15:59	9/30/1999	23:57	A
C094008.LD9	10/14/1999	0:00	11/30/1999	14:25	A
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CONTACT INFORMATION: 860-258-0308

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VEHICLE WEIGHT DATA
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*STATE ASSIGNED ID [4088]
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C094008.IJ8	7/20/1998	11:24	8/10/1998	8:29	A
W094008.IJ8	7/20/1998	11:24	8/10/1998	8:29	A
C094008.J08	8/10/1998	9:06	8/12/1998	18:09	A
W094008.J08	8/10/1998	9:06	8/12/1998	18:09	A
C094008.JB8	8/12/1998	18:14	9/4/1998	9:27	A
W094008.JB8	8/12/1998	18:14	9/4/1998	9:27	A
C094008.KL8	9/22/1998	12:44	10/9/1998	7:45	A
W094008.KL8	9/22/1998	12:44	10/9/1998	7:45	A
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W094008.C99	1/9/1999	0:00	1/13/1999	23:59	A
C094008.CF9	1/16/1999	0:00	2/8/1999	23:59	A
W094008.CF9	1/16/1999	0:00	2/8/1999	23:59	A
C094008.D09	2/10/1999	0:00	5/11/1999	23:59	A
W094008.D09	2/10/1999	0:00	5/11/1999	23:59	A
C094008.GB9	5/12/1999	0:02	6/9/1999	13:25	A
W094008.GB9	5/12/1999	0:02	6/9/1999	13:25	A
C094008.H99	6/9/1999	14:03	6/18/1999	7:54	A

PERSON LEADING CALIBRATION EFFORT:

Anne-Marie McDonnell

CONTACT INFORMATION: 860-258-0308

DATE PREPARED 10/19/00

**SHEET 14
LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG**

*STATE ASSIGNED ID
*STATE CODE
*SHRP SECTION ID

1A 0881
1091
1A 0081

LOCATION Manchester
INSTALLATION DATE 10/01/1999

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	MODEL 1067 WIM ELECTRON	INTERNATIONAL ROAD DYNAMIC	9907 - 5766
Interface			
Modem			
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
LTPP Lane Sensor	(Ceramic) Piezoelectric	Phillips	
Sensor Next Adjacent Lane (1)			
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	IRD PCS Office / site v7.5a	International Road Dynamics	P/N 152027
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

**SHEET 16A
ATTACHMENT
MONITORED TRAFFIC DATA
LTPP PROGRAM**

*STATE ASSIGNED ID [4088]
*STATE CODE [09]
*SHRP SECTION ID [4008]

Vehicle No.	Vehicle Type/Description
1	FHWA Class 9, standard suspension (non-air ride)
2	FHWA Class 9, air-ride suspension

Measurement errors (%) from static for lane 1

Pass Number	Vehicle Number	% Steer	% Drive	% Trailer	% err GVW
1	1	-4.16%	-3.49%	-1.89%	-2.78%
2	1	-5.13%	-7.85%	-6.53%	-7.05%
3	1	1.65%	-6.91%	-2.55%	-3.88%
4	1	-2.23%	-5.67%	-3.22%	-4.16%
5	1	0.68%	-0.37%	3.75%	1.49%
6	1	4.55%	0.87%	3.08%	2.31%
7	1	5.52%	4.30%	12.69%	7.96%
8	1	5.52%	-1.62%	6.40%	2.73%
9	1	2.61%	0.56%	9.71%	4.65%
10	1	10.36%	1.81%	6.40%	6.44%
11	1	18.10%	-8.16%	16.67%	5.89%
12	1	9.39%	8.03%	10.37%	9.20%
13	1	3.58%	3.67%	5.07%	4.24%
14	1	2.61%	-5.04%	3.41%	-0.44%
15	1	2.61%	2.43%	0.76%	1.76%
16	1	0.68%	-2.24%	4.41%	0.94%
17	1	-0.29%	-4.11%	-0.23%	-1.96%
18	1	2.61%	-6.91%	5.07%	-0.58%
19	1	4.55%	-0.37%	1.43%	1.07%
20	1	-11.91%	-9.40%	-3.88%	-7.46%
21	2	-13.19%	-16.67%	-2.99%	-12.74%
22	2	-9.72%	-8.70%	1.68%	-4.20%
23	2	-5.38%	-3.05%	7.90%	1.36%
24	2	-3.65%	-6.04%	6.97%	0.00%
25	2	0.69%	-1.73%	10.07%	3.79%
26	2	2.43%	2.92%	12.87%	7.18%
27	2	4.17%	5.25%	15.98%	9.76%
28	2	15.45%	3.25%	13.81%	9.76%
29	2	10.24%	2.92%	9.14%	6.78%
30	2	9.38%	8.23%	12.25%	10.16%
31	2	-11.46%	5.58%	3.54%	2.03%
32	2	1.56%	2.59%	12.25%	6.64%
33	2	4.17%	3.59%	13.18%	7.86%
34	2	-0.17%	-1.73%	9.14%	3.25%
35	2	1.56%	0.93%	0.44%	0.81%
36	2	5.03%	2.26%	6.65%	4.61%
37	2	-3.65%	-5.38%	4.79%	-0.68%
38	2	-4.51%	-5.71%	1.68%	-2.30%
39	2	-2.78%	-5.38%	5.72%	-0.14%
40	2	-4.51%	-5.71%	2.30%	-2.03%

	Steer	Drive	Trailer	GVW
Avg	1.17%	-1.58%	5.46%	1.81%
Std Dev	6.73%	5.30%	5.74%	5.11%

Measurement errors (%) from static for lane 2

Pass Number	Vehicle Number	% Steer	% Drive	% Trailer	% err GVW
1	1	-23.52%	-14.38%	-16.47%	-16.55%
2	2	-15.80%	-12.68%	-16.36%	-14.77%

	Steer	Drive	Trailer	GVW
Avg	-19.66%	-13.53%	-16.41%	-15.66%
Std Dev	3.86%	0.85%	0.06%	0.89%

Field Calibration Date: October 13, 1999

PERSON LEADING CALIBRATION EFFORT:	Anne-Marie McDonnell
CONTACT INFORMATION: 860-258-0308	DATE PREPARED 10/19/00