

SHEET 13 ATTACHMENT LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[09]
	*SHRP SECTION ID	[094008]

Filename	<u>Start Date</u>	<u>Start Time</u>	<u>End Date</u>	<u>End Time</u>	<u>Class Scheme</u>	
	Mm/dd/yyyy	Hh:mm	Mm/dd/yyyy	Hh:mm		
C094008.KED	09/15/2003	00:00	10/01/2003	17:19	A	
W094008.KED	09/15/2003	00:00	10/01/2003	17:19	A	
C094008.L1D	10/01/2003	17:29	11/19/2003	07:17	A	
W094008.L1D	10/01/2003	17:29	11/19/2003	07:17	A	
C094008.MID	11/19/2003	07:18	12/31/2003	23:54	A	
W094008.MID	11/19/2003	07:18	12/31/2003	23:54	A	
C094008.C1E	01/01/2004	00:00	01/29/2004	09:35	A	
W094008.C1E	01/01/2004	00:00	01/29/2004	09:35	A	
C094008.ESE	03/29/2004	10:41	04/07/2004	10:45	A	
W094008.ESE	03/29/2004	10:41	04/07/2004	10:45	A	
C094008.F7E	04/07/2004	12:02	04/09/2004	06:30	A	
W094008.F7E	04/07/2004	12:02	04/09/2004	06:30	A	
C094008.F9E	04/09/2004	06:36	04/14/2004	05:26	A	
W094008.F9E	04/09/2004	06:36	04/14/2004	05:26	A	
C094008.JNE	08/24/2004	13:47	09/06/2004	03:58	A	
W094008.JNE	08/24/2004	13:47	09/06/2004	03:58	A	
C094008.F7F	04/07/2005	14:05	05/04/2004	12:59	A	
W094008.F7F	04/07/2005	14:05	05/04/2004	12:59	A	
C094008.G4F	05/04/2005	13:22	06/04/2005	16:37	A	
W094008.G4F	05/04/2005	13:22	06/04/2005	16:37	A	
C094008.H4F	06/04/2005	16:40	07/26/2005	23:59	A	
W094008.H4F	06/04/2005	16:40	07/26/2005	23:59	A	
C094008.IQF	07/27/2005	04:55	08/14/2005	14:21	A	
W094008.IQF	07/27/2005	04:55	08/14/2005	14:21	A	
C094008.JDF	08/14/2005	16:06	08/27/2005	22:41	A	
W094008.JDF	08/14/2005	16:06	08/27/2005	22:41	A	
C094008.CHG	01/18/2006	12:53	01/26/2006	14:03	A	
W094008.CHG	01/18/2006	12:53	01/26/2006	14:03	A	
C094008.CPG	01/26/2006	14:06	06/19/2006	11:12	A	
W094008.CPG	01/26/2006	14:06	06/19/2006	11:12	A	
C094008.HIG	06/19/2006	13:04	06/20/2006	14:11	A	
W094008.HIG	06/19/2006	13:04	06/20/2006	14:11	A	
C094008.HJG	06/20/2006	14:16	07/06/2006	09:21	A	
W094008.HJG	06/20/2006	14:16	07/06/2006	09:21	A	
C094008.I6G	07/06/2006	09:26	07/13/2006	11:13	A	
W094008.I6G	07/06/2006	09:26	07/13/2006	11:13	A	
C094008.ICG	07/13/2006	14:54	07/14/2006	16:19	A	
W094008.ICG	07/13/2006	14:54	07/14/2006	16:19	A	

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

SHEET 13 ATTACHMENT LTTT TRAFFICE DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[09]
	*SHRP SECTION ID	[094008]

Filename	Start Date	Start Time	End Date	End Time	Class Scheme	
	Mm/dd/yyyy	Hh:mm	Mm/dd/yyyy	Hh:mm		
C094008.KED	09/15/2003	00:00	10/01/2003	17:19	A	
W094008.KED	09/15/2003	00:00	10/01/2003	17:19	A	
C094008.L1D	10/01/2003	17:29	11/19/2003	07:17	A	
W094008.L1D	10/01/2003	17:29	11/19/2003	07:17	A	
C094008.MID	11/19/2003	07:18	12/31/2003	23:54	A	
W094008.MID	11/19/2003	07:18	12/31/2003	23:54	A	
C094008.C1E	01/01/2004	00:00	01/29/2004	09:35	A	
W094008.C1E	01/01/2004	00:00	01/29/2004	09:35	A	
C094008.ESE	03/29/2004	10:41	04/07/2004	10:45	A	
W094008.ESE	03/29/2004	10:41	04/07/2004	10:45	A	
C094008.F7E	04/07/2004	12:02	04/09/2004	06:30	A	
W094008.F7E	04/07/2004	12:02	04/09/2004	06:30	A	
C094008.F9E	04/09/2004	06:36	04/14/2004	05:26	A	
W094008.F9E	04/09/2004	06:36	04/14/2004	05:26	A	
C094008.JNE	08/24/2004	13:47	09/06/2004	03:58	A	
W094008.JNE	08/24/2004	13:47	09/06/2004	03:58	A	
C094008.F7F	04/07/2005	14:05	05/04/2005	12:59	A	
W094008.F7F	04/07/2005	14:05	05/04/2005	12:59	A	
C094008.G4F	05/04/2005	13:22	06/04/2005	16:37	A	
W094008.G4F	05/04/2005	13:22	06/04/2005	16:37	A	
C094008.H4F	06/04/2005	16:40	07/26/2005	23:59	A	
W094008.H4F	06/04/2005	16:40	07/26/2005	23:59	A	
C094008.IQF	07/27/2005	04:55	08/14/2005	14:21	A	
W094008.IQF	07/27/2005	04:55	08/14/2005	14:21	A	
C094008.JDF	08/14/2005	16:06	08/27/2005	22:41	A	
W094008.JDF	08/14/2005	16:06	08/27/2005	22:41	A	
C094008.CHG	01/18/2006	12:53	01/26/2006	14:03	A	
W094008.CHG	01/18/2006	12:53	01/26/2006	14:03	A	
C094008.CPG	01/26/2006	14:06	03/19/2006	00:00	A	
W094008.CPG	01/26/2006	14:06	03/19/2006	00:00	A	
C094008.EIG	03/19/2006	00:00	06/19/2006	11:12	A	
W094008.EIG	03/19/2006	00:00	06/19/2006	11:12	A	
C094008.HIG	06/19/2006	13:04	06/20/2006	14:11	A	
W094008.HIG	06/19/2006	13:04	06/20/2006	14:11	A	
C094008.HJG	06/20/2006	14:16	07/06/2006	09:21	A	
W094008.HJG	06/20/2006	14:16	07/06/2006	09:21	A	
C094008.I6G	07/06/2006	09:26	07/13/2006	11:13	A	
W094008.I6G	07/06/2006	09:26	07/13/2006	11:13	A	

PERSON LEADING CALIBRATION EFFORT: <u>Anne-Marie McDonnell</u> CONTACT INFORMATION: <u>860-258-0308</u>	DATE PREPARED <u>05/15/2009</u>
--	--

ENTERED APR 13 2005

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[]
	*STATE CODE	[09]
	*SHRP SECTION ID	[094008]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [06 /02 /2005]
- * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☒ BOTH
- * REASON FOR CALIBRATION
☐ REGULARLY SCHEDULED SITE VISIT ☒ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
- * 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) _____
- EQUIPMENT MANUFACTURER KISTLER SENSOR, IRD ELECTRONICS

WIM SYSTEM CALIBRATION SPECIFICS**

- ** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☒ STATIC SCALE (Y/N) 2 TEST TRUCKS
☒ NUMBER OF TRUCKS COMPARED 2 NUMBER OF TEST TRUCKS USED
19.12 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	<u>9</u>	<u>1</u>
2	<u>9</u>	<u>1</u>
3	<u>SHEET 16</u>	<u>TRUCK COMBINED</u>

TYPE PER FHWA 13 BIN SYSTEM
 SUSPENSION: 1 - AIR; 2 - LEAF SPRING
 3 - OTHER (DESCRIBE)

- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW -3.35 STANDARD DEVIATION 7.98
 DYNAMIC AND STATIC SINGLE AXLES 9.22 STANDARD DEVIATION 11.90
 DYNAMIC AND STATIC DOUBLE AXLES -5.58 STANDARD DEVIATION 10.35
- 4 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 55, 60, 65, 70
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) SENSOR 1 - 5.6747, SENSOR 3 - 6.6699 **Aug 6.17**
- ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- *** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☒ MANUAL ☐ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☒ NUMBER OF TRUCKS
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 0.0 FHWA CLASS _____
 *** FHWA CLASS 8 0.0 FHWA CLASS _____
 FHWA CLASS _____
 FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: 0.0

PERSON LEADING CALIBRATION EFFORT: Anne-Marie McDonnell
 CONTACT INFORMATION: 860-258-0308 rev. November 9, 1999

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [] *STATE CODE [09] *SHRP SECTION ID [094008]
--	--

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [06 /09 /2005]
2. * TYPE OF EQUIPMENT CALIBRATED X WIM CLASSIFIER BOTH
3. * REASON FOR CALIBRATION
 REGULARLY SCHEDULED SITE VISIT X 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 X QUARTZ PIEZO
 CHANNELIZED FLAT PIEZO INDUCTANCE LOOPS CAPACITANCE PADS
 OTHER (SPECIFY) _____
5. EQUIPMENT MANUFACTURER KISTLER SENSOR, IRD ELECTRONICS

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
 TRAFFIC STREAM -- Y STATIC SCALE (Y/N) 2 TEST TRUCKS
 1 NUMBER OF TRUCKS COMPARED 2 NUMBER OF TEST TRUCKS USED
 19 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	<u> 9 </u>	<u> 1 </u>
2	<u> </u>	<u> </u>
3	<u> SHEET 16 </u>	<u> 1 OF 2 </u>

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 -4.62 STANDARD DEVIATION 4.27
 DYNAMIC AND STATIC SINGLE AXLES 14.11 STANDARD DEVIATION 11.16
 DYNAMIC AND STATIC DOUBLE AXLES -8.74 STANDARD DEVIATION 4.82
8. 4 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 55, 60, 65, 70
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) SENSOR 1 - 5.6747, SENSOR 3 - 6.6699
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
 VIDEO X MANUAL PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT TIME X NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9 <u> 0.0 </u>	FHWA CLASS <u> </u>
*** FHWA CLASS 8 <u> 0.0 </u>	FHWA CLASS <u> </u>
	FHWA CLASS <u> </u>
	FHWA CLASS <u> </u>

 *** PERCENT "UNCLASSIFIED" VEHICLES: 0.0

PERSON LEADING CALIBRATION EFFORT: <u> Anne-Marie McDonnell </u> CONTACT INFORMATION: <u> 860-258-0308 </u>	rev. November 9, 1999
--	-----------------------