

ENTERED APR 1 2004

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[]
	*STATE CODE	[09]
	*SHRP SECTION ID	[091803]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [06 / 03 / 2004]
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 KISTLER SENSOR, IRD ELECTRONICS

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☒ STATIC SCALE (Y/N) ☐ TEST TRUCKS
☒ NUMBER OF TRUCKS COMPARED 1 NUMBER OF TEST TRUCKS USED
20 PASSES PER TRUCK
- | TRUCK | TYPE | SUSPENSION |
|-------|-----------------|---------------|
| 1 | <u>9</u> | <u>1</u> |
| 2 | | |
| 3 | <u>SHEET 16</u> | <u>1 of 1</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 1.08 STANDARD DEVIATION 1.58
DYNAMIC AND STATIC SINGLE AXLES -3.62 STANDARD DEVIATION 1.30
DYNAMIC AND STATIC DOUBLE AXLES 2.05 STANDARD DEVIATION 2.28
8. 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 35 - 45 35, 40, 45
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) SENSOR 1 - 5.000, SENSOR 3 - 5.000 5.000
- 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 ☒ 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 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

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SHEET 13 ATTACHMENT LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[]
	*STATE CODE	[09]
	*SHRP SECTION ID	[091803]

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		
C091803.IRD✓	07/30/2003	00:00	08/14/2003	15:50	A	
W091803.IRD✓	07/30/2003	00:00	08/14/2003	15:50	A	
C091803.JDD✓	08/14/2003	18:35	09/18/2003	15:02	A	
W091803.JDD✓	08/14/2003	18:35	09/18/2003	15:02	A	
C091803.KHD✓	09/18/2003	15:13	12/19/2003	16:12	A	
W091803.KHD✓	09/18/2003	15:13	12/19/2003	16:12	A	
C091803.NID✓	12/19/2003	16:15	12/31/2003	23:26	A	
W091803.NID✓	12/19/2003	16:15	12/31/2003	23:26	A	
C091803.C1E	01/01/2004	01:32	03/14/2004	07:50	A	
W091803.C1E	01/01/2004	01:32	03/14/2004	07:50	A	
C091803.EDE	03/14/2004	09:13	04/13/2004	16:58	A	
W091803.EDE	03/14/2004	09:13	04/13/2004	16:58	A	
C091803.FCE	04/13/2004	17:13	08/20/2004	08:50	A	
W091803.FCE	04/13/2004	17:13	08/20/2004	08:50	A	
C091803.JJE	08/20/2004	10:18	09/18/2004	13:48	A	
W091803.JJE	08/20/2004	10:18	09/18/2004	13:48	A	
C091803.KHE	09/18/2004	14:59	12/31/2004	23:10	A	
W091803.KHE	09/18/2004	14:59	12/31/2004	23:10	A	
C091803.C1F	01/01/2005	00:00	02/05/2005	16:37	A	
W091803.C1F	01/01/2005	00:00	02/05/2005	16:37	A	
C091803.D5F	02/05/2005	16:51	05/15/2005	00:33	A	
W091803.D5F	02/05/2005	16:51	05/15/2005	00:33	A	
C091803.GEF	05/15/2005	02:53	12/31/2005	23:49	A	
W091803.GEF	05/15/2005	02:53	12/31/2005	23:49	A	
C091803.C1G	01/01/2006	00:00	05/23/2006	11:59	A	
W091803.C1G	01/01/2006	00:00	05/23/2006	11:59	A	
C091803.GMG	05/23/2006	12:18	07/18/2006	22:22	A	
W091803.GMG	05/23/2006	12:18	07/18/2006	22:22	A	
C091803.IIG	07/19/2006	01:14	08/03/2006	17:48	A	
W091803.IIG	07/19/2006	01:14	08/03/2006	17:48	A	
C091803.FOH	04/25/2007	12:47	06/25/2007	14:48	A	
W091803.FOH	04/25/2007	12:47	06/25/2007	14:48	A	
C091803.IOH	07/10/2007	08:34	07/25/2007	05:57	A	
W091803.IOH	07/10/2007	08:34	07/25/2007	05:57	A	
C091803.IOH	07/25/2007	07:19	02/13/2008	06:18	A	
W091803.IOH	07/25/2007	07:19	02/13/2008	06:18	A	
C091803.DCI	02/13/2008	13:21	06/09/2008	00:00	A	
W091803.DCI	02/13/2008	13:21	06/09/2008	00:00	A	

PERSON LEADING CALIBRATION EFFORT: <u>Anne-Marie McDonnell</u> CONTACT INFORMATION: <u>860-258-0308</u>	DATE PREPARED 09/18/08
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