

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[]
	*STATE CODE	[48]
	*SHRP SECTION ID	[5301]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [07 / 20 / 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) Piezo Class 1 Thermocox
- EQUIPMENT MANUFACTURER Hestia Electronic

WIM SYSTEM CALIBRATION SPECIFICS**

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

		<u>2</u> PASSES PER TRUCK	
	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1	<u>6</u>	<u>1</u>
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	2	<u>6</u>	<u>5/28/09</u>
3 - OTHER (DESCRIBE)	3		

- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW -4.6 STANDARD DEVIATION 4.4
 DYNAMIC AND STATIC SINGLE AXLES -3.7 STANDARD DEVIATION 4.5
 DYNAMIC AND STATIC DOUBLE AXLES -4.9 STANDARD DEVIATION 5.0
- 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 55-66
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
 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 _____ FHWA CLASS _____
 *** FHWA CLASS 8 _____ FHWA CLASS _____
 _____ FHWA CLASS _____
 _____ FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT:
 CONTACT INFORMATION:

rev. November 9, 1999

ENTERED MAR 20 2006 R G

ENTERED MAY 28 2009 J K