

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[]
	*STATE CODE	[48]
	*SHRP SECTION ID	[2176]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [08/14/2003]
- * 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 ☐ 1 NUMBER OF TEST TRUCKS USED

TYPE PER FHWA 13 BIN SYSTEM SUSPENSION: 1 - AIR; 2 - LEAF SPRING 3 - OTHER (DESCRIBE)	4 PASSES PER TRUCK		
	TRUCK	TYPE	SUSPENSION
	1	6	1
	2		
	3		

- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW 8.9 STANDARD DEVIATION 3.4 2.5
 DYNAMIC AND STATIC SINGLE AXLES 9.4 STANDARD DEVIATION 5.9 3.1
 DYNAMIC AND STATIC DOUBLE AXLES 8.5 STANDARD DEVIATION 6.0 3.1
- 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 58-101
- 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:	rev. November 9, 1999
CONTACT INFORMATION:	

ENTERED JUN 14 2005 NM
 ENTERED APR 30 2004 RG

G/KP
 6/8/05