

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [] *STATE CODE <u>48</u> *SHRP SECTION ID <u>9167</u>
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [04/28/1999]
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) PIEZO
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

☒ BARE ROUND PIEZO CERAMIC
☒ CHANNELIZED ROUND PIEZO
☒ CHANNELIZED FLAT PIEZO
☒ OTHER (SPECIFY) PIEZO

☐ BARE FLAT PIEZO
☐ LOAD CELLS
☐ INDUCTANCE LOOPS

☐ BENDING PLATES
☐ QUARTZ PIEZO
☐ CAPACITANCE PADS
5. EQUIPMENT MANUFACTURER UNKNOWN

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
☐ NUMBER OF TRUCKS COMPARED 002 NUMBER OF TEST TRUCKS USED

PASSES PER TRUCK		
TRUCK	TYPE	SUSPENSION
1	9	JK 5/27/09 /
2	9	/
3		

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 10.6 STANDARD DEVIATION 11.2
 DYNAMIC AND STATIC SINGLE AXLES 6.1 STANDARD DEVIATION 4.7
 DYNAMIC AND STATIC DOUBLE AXLES 13.2 STANDARD DEVIATION 14.7
8. 05 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 50 60
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 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 _____	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 JUN 02 2009 KS

ENTERED JAN 09 2004M VA