

<b>SHEET 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	*STATE ASSIGNED ID	[ ]
	*STATE CODE	[48]
	*SHRP SECTION ID	[5274]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [06/25/2003]

2. \* TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER BOTH

3. \* REASON FOR CALIBRATION  
☒ REGULARLY SCHEDULED SITE VISIT  
☐ EQUIPMENT REPLACEMENT  
☐ DATA TRIGGERED SYSTEM REVISION  
☐ OTHER (SPECIFY) \_\_\_\_\_  
☐ RESEARCH  
☐ TRAINING  
☐ NEW EQUIPMENT INSTALLATION

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) Piezo Class 1 Thermo Coax

5. EQUIPMENT MANUFACTURER Hestia Electronics

WIM SYSTEM CALIBRATION SPECIFICS\*\*

6.\*\* CALIBRATION TECHNIQUE USED:  
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS  
☐ NUMBER OF TRUCKS COMPARED 001 NUMBER OF TEST TRUCKS USED

003 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	<u>6</u>	<u>1</u>
2		
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 12.1 STANDARD DEVIATION 5.7  
 DYNAMIC AND STATIC SINGLE AXLES 15.3 STANDARD DEVIATION 7.0  
 DYNAMIC AND STATIC DOUBLE AXLES 9.4 STANDARD DEVIATION 10.3

8. 01 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 55-56

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_

11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y  
 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 14 2005 NM  
 ENTERED JUN 14 2005 NM

6/7/05

KS

ENTERED JUN 03 2005 NM