

<b>SHEET 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	*STATE ASSIGNED ID	[ ]
	*STATE CODE	[ 48 ]
	*SHRP SECTION ID	[ 5287 ]

### SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 06 / 15 / 2005 ]
- \* TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER BOTH
- \* REASON FOR CALIBRATION  
☒ REGULARLY SCHEDULED SITE VISIT  
☐ EQUIPMENT REPLACEMENT  
☐ DATA TRIGGERED SYSTEM REVISION  
☐ OTHER (SPECIFY) \_\_\_\_\_  
☐ RESEARCH  
☐ TRAINING  
☐ NEW EQUIPMENT INSTALLATION
- \* 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 Class 1 Thermocox  
☐ BARE FLAT PIEZO  
☐ LOAD CELLS  
☒ INDUCTANCE LOOPS  
☐ BENDING PLATES  
☐ QUARTZ PIEZO  
☐ CAPACITANCE PADS
- 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
- | TYPE PER FHWA 13 BIN SYSTEM          | PASSES PER TRUCK |      |            |
|--------------------------------------|------------------|------|------------|
|                                      | TRUCK            | TYPE | SUSPENSION |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 1                | 6    | 1          |
| 3 - OTHER (DESCRIBE)                 | 2                | 6    | 5/15/07    |
|                                      | 3                |      |            |
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
 MEAN DIFFERENCE BETWEEN --  
 DYNAMIC AND STATIC GVW - 1.4 STANDARD DEVIATION 8.2  
 DYNAMIC AND STATIC SINGLE AXLES - 9.2 STANDARD DEVIATION 12.6  
 DYNAMIC AND STATIC DOUBLE AXLES - 1.2 STANDARD DEVIATION 6.8
- 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 56
- 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 JAN 09 2008 C G  
 ENTERED JAN 31 2008 C G  
 ENTERED MAY 28 2009 J K