

<b>SHEET 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	*STATE ASSIGNED ID	[ ]
	*STATE CODE	[ 48 ]
	*SHRP SECTION ID	[ 532A ]

### SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 06 / 15 / 2005 ]
- \* TYPE OF EQUIPMENT CALIBRATED 1 WIM as 1/2/06 CLASSIFIER X 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 Thermocou  
☐ 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 \_\_\_\_\_ ☒ NUMBER OF TEST TRUCKS USED 2
- | TYPE PER FHWA 13 BIN SYSTEM<br>SUSPENSION: 1 - AIR; 2 - LEAF SPRING<br>3 - OTHER (DESCRIBE) | PASSES PER TRUCK |         |            |
|---|------------------|---------|------------|
|   | TRUCK            | TYPE    | SUSPENSION |
| 1   | 5                |         | 1          |
| 2   | 5                | JK      | 1          |
| 3   |                  | 5/28/07 |            |
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
 MEAN DIFFERENCE BETWEEN --  
 DYNAMIC AND STATIC GVW - 7.3 STANDARD DEVIATION 3.8  
 DYNAMIC AND STATIC SINGLE AXLES - 2.1.5 STANDARD DEVIATION 4.4  
 DYNAMIC AND STATIC DOUBLE AXLES - 1.5 STANDARD DEVIATION 4.7
- 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:  
 CONTACT INFORMATION:

rev. November 9, 1999

ENTERED MAY 28 2009 J K

ENTERED JAN 09 2008 C G

ENTERED JAN 31 2008 C G