

<b>SHEET 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	*STATE ASSIGNED ID [_____]
	*STATE CODE [ 06 ]
	*SHRP SECTION ID [ 0200 ]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 3/25/2008 ]
2. \* TYPE OF EQUIPMENT CALIBRATED \_\_\_\_ WIM \_\_\_\_ CLASSIFIER X BOTH
3. \* REASON FOR CALIBRATION  
 \_\_\_\_ REGULARLY SCHEDULED SITE VISIT  
 \_\_\_\_ EQUIPMENT REPLACEMENT  
 \_\_\_\_ DATA TRIGGERED SYSTEM REVISION  
X OTHER (SPECIFY) LTPP Validation
4. \* SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):  
 \_\_\_\_ BARE ROUND PIEZO CERAMIC \_\_\_\_ BARE FLAT PIEZO X BENDING PLATES  
 \_\_\_\_ CHANNELIZED ROUND PIEZO \_\_\_\_ LOAD CELLS \_\_\_\_ QUARTZ PIEZO  
 \_\_\_\_ CHANNELIZED FLAT PIEZO X INDUCTANCE LOOPS \_\_\_\_ CAPACITANCE PADS  
 \_\_\_\_ OTHER (SPECIFY) \_\_\_\_\_
5. EQUIPMENT MANUFACTURER IRD/PAT Traffic

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 6.\*\*CALIBRATION TECHNIQUE USED:  
 \_\_\_\_ TRAFFIC STREAM -- \_\_\_\_ STATIC SCALE (Y/N) X TEST TRUCKS  
 \_\_\_\_ NUMBER OF TRUCKS COMPARED \_\_\_\_ 2 NUMBER OF TEST TRUCKS USED  
 \_\_\_\_ 20 PASSES PER TRUCK
- | TRUCK | TYPE | SUSPENSION |
|-------|------|------------|
| 1     | 9    | 1          |
| 2     | 9    | 1          |
| 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 1.1 STANDARD DEVIATION 1.1  
 DYNAMIC AND STATIC SINGLE AXLES 1.2 STANDARD DEVIATION 1.7  
 DYNAMIC AND STATIC DOUBLE AXLES 1.0 STANDARD DEVIATION 1.4
8. 3 \_\_\_\_ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 45 50 55
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 3360
- 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 X MANUAL \_\_\_\_ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT \_\_\_\_ TIME X NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:  
 \*\*\* FHWA CLASS 9 0 FHWA CLASS \_\_\_\_  
 \*\*\* FHWA CLASS 8 0 FHWA CLASS \_\_\_\_  
 FHWA CLASS \_\_\_\_  
 FHWA CLASS \_\_\_\_  
 \*\*\* PERCENT "UNCLASSIFIED" VEHICLES: 0.0

PERSON LEADING CALIBRATION EFFORT: Dean J. Wolf, MACTEC  
 CONTACT INFORMATION: 301-210-5105 rev. November 9, 1999

