

**SHEET 16**  
**LTPP MONITORED TRAFFIC DATA**  
**SITE CALIBRATION SUMMARY**

V836450 + 836451 ✓  
\*STATE ASSIGNED ID [846]  
\*STATE CODE [83]  
\*SHRP SECTION ID [0500]

SITE CALIBRATION INFORMATION

ENTERED JAN 22 2008

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [MM/DD/YY] 11/22/08  
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) \_\_\_\_\_  
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) \_\_\_\_\_  
5. EQUIPMENT MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 5.\*\* CALIBRATION TECHNIQUE USED:  
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS  
☒ NUMBER OF TRUCKS COMPARED 1 NUMBER OF TEST TRUCKS USED  
20 PASSES PER TRUCK  
TRUCK TYPE SUSPENSION  
TYPE PER FHWA 13 BIN SYSTEM  
SUSPENSION: 1 - AIR; 2 - LEAF SPRING  
3 - OTHER (DESCRIBE)  
1 Class 9.  
2  
3  
6. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN --- See attached calibration form  
DYNAMIC AND STATIC GVW 1.0 STANDARD DEVIATION 4.9  
DYNAMIC AND STATIC SINGLE AXLES -3.7 STANDARD DEVIATION 4.3  
DYNAMIC AND STATIC DOUBLE AXLES 1.8 STANDARD DEVIATION 6.5  
7. Not Listed NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED  
8. DEFINE THE SPEED RANGES USED (MPH) Not Listed  
9. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_  
10.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y  
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: S1=0.53 S2=0.55

CLASSIFIER TEST SPECIFICS\*\*\*

- 2.\*\*\* METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:  
☐ VIDEO ☐ MANUAL ☐ PARALLEL CLASSIFIERS  
3. METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS  
4. 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: \_\_\_\_\_

E. Fillion Created From Agency Submitted #'s Jan. 22/2008.

rev. November 9, 1999