

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

\*STATE ASSIGNED ID [ \_Cotteral\_ ]  
 \*STATE CODE [ 16 ]  
 \*SHRP SECTION ID [ 1009 ]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ / \_July\_ / \_2003\_ ]
2. \* TYPE OF EQUIPMENT CALIBRATED  X  WIM   CLASSIFIER   BOTH
3. \* REASON FOR CALIBRATION  
  REGULARLY SCHEDULED SITE VISIT   RESEARCH  
 X  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  
 X  CHANNELIZED ROUND PIEZO   LOAD CELLS   QUARTZ PIEZO  
  CHANNELIZED FLAT PIEZO   INDUCTANCE LOOPS   CAPACITANCE PADS  
  OTHER (SPECIFY) \_\_\_\_\_
5. EQUIPMENT MANUFACTURER   Electronic Control Measurement Inc. (ECM)

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 6.\*\* CALIBRATION TECHNIQUE USED:  
 X  TRAFFIC STREAM --   STATIC SCALE (Y/N)   TEST TRUCKS  
  NUMBER OF TRUCKS COMPARED   NUMBER OF TEST TRUCKS USED
- |                                      | <u> </u> PASSES PER TRUCK |          |            |
|--------------------------------------|---------------------------|----------|------------|
|                                      | TRUCK                     | TYPE     | SUSPENSION |
| TYPE PER FHWA 13 BIN SYSTEM          | 1                         | <u> </u> | <u> </u>   |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 2                         | <u> </u> | <u> </u>   |
| 3 - OTHER (DESCRIBE)                 | 3                         | <u> </u> | <u> </u>   |
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
 MEAN DIFFERENCE BETWEEN ---  
 DYNAMIC AND STATIC GVW   STANDARD DEVIATION    
 DYNAMIC AND STATIC SINGLE AXLES   STANDARD DEVIATION    
 DYNAMIC AND STATIC DOUBLE AXLES   STANDARD DEVIATION
8.  50-65  NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) \_\_\_\_\_
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  X  PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT  X  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

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