

SHEET 16  
LTPP MONITORED TRAFFIC DATA  
SITE CALIBRATION SUMMARY

\*STATE ASSIGNED ID [ ]  
\*STATE CODE [48]  
\*SHRP SECTION ID [5310]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) 05/19/1998
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) Piez
5. EQUIPMENT MANUFACTURER UNKNOWN

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 6.\*\* CALIBRATION TECHNIQUE USED:  
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS  
☐ NUMBER OF TRUCKS COMPARED 001 NUMBER OF TEST TRUCKS USED
- | TYPE PER FHWA 13 BIN SYSTEM          | PASSES PER TRUCK |      |            |
|--------------------------------------|------------------|------|------------|
|                                      | TRUCK            | TYPE | SUSPENSION |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 1                |      |            |
| 3 - OTHER (DESCRIBE)                 | 2                |      |            |
|                                      | 3                |      |            |
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN ---  
DYNAMIC AND STATIC GVW 10.8 STANDARD DEVIATION 4.1  
DYNAMIC AND STATIC SINGLE AXLES 13.9 STANDARD DEVIATION 7.1  
DYNAMIC AND STATIC DOUBLE AXLES 20.0 STANDARD DEVIATION 5.2
8. 03 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 54-56
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_
- 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 ☐ MANUAL ☐ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT ☐ 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 \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_
- \*\*\* PERCENT "UNCLASSIFIED" VEHICLES: \_\_\_\_\_

PERSON LEADING CALIBRATION EFFORT:  
CONTACT INFORMATION:

rev. November 9, 1999

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