

SHEET 16  
LTPP MONITORED TRAFFIC DATA  
SITE CALIBRATION SUMMARY

\*STATE ASSIGNED ID [ ]  
\*STATE CODE [48]  
\*SHRP SECTION ID [3719]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/03/2000]
2. \* TYPE OF EQUIPMENT CALIBRATED \_\_\_ WIM \_\_\_ CLASSIFIER ☒ BOTH
3. \* REASON FOR CALIBRATION  
☒ REGULARLY SCHEDULED SITE VISIT  
\_\_\_ EQUIPMENT REPLACEMENT  
\_\_\_ DATA TRIGGERED SYSTEM REVISION  
\_\_\_ OTHER (SPECIFY) \_\_\_\_\_
4. \* SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):  
☒ BARE ROUND PIEZO CERAMIC  
☒ CHANNELIZED ROUND PIEZO  
☒ CHANNELIZED FLAT PIEZO  
\_\_\_ BARE FLAT PIEZO  
\_\_\_ LOAD CELLS  
☒ INDUCTANCE LOOPS  
\_\_\_ BENDING PLATES  
\_\_\_ QUARTZ PIEZO  
\_\_\_ 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
- |                                      | TRUCK | TYPE | PASSES PER TRUCK | SUSPENSION |
|--------------------------------------|-------|------|------------------|------------|
| TYPE PER FHWA 13 BIN SYSTEM          | 1     |      |                  |            |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 2     |      |                  |            |
| 3 - OTHER (DESCRIBE)                 | 3     |      |                  |            |
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN ---  
DYNAMIC AND STATIC GVW 37.6 STANDARD DEVIATION 41.3  
DYNAMIC AND STATIC SINGLE AXLES 30.0 STANDARD DEVIATION 25.0  
DYNAMIC AND STATIC DOUBLE AXLES 58.0 STANDARD DEVIATION 50.1
8. 03 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 45 52
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 \_\_\_\_\_
- \*\*\* PERCENT "UNCLASSIFIED" VEHICLES: \_\_\_\_\_

PERSON LEADING CALIBRATION EFFORT:  
CONTACT INFORMATION:

rev. November 9, 1999

ENTERED JUN 03 2009 KS

ENTERED JAN 09 2004 M