

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [3055] *STATE CODE [19] *SHRP SECTION ID [3055]
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SITE CALIBRATION INFORMATION

ENTERED MAY 09 2004

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [06/17/1999]
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 \_\_\_\_\_

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 6.\*\* CALIBRATION TECHNIQUE USED:  
 \_\_\_ TRAFFIC STREAM -- \_\_\_ STATIC SCALE (Y/N) \_\_\_ TEST TRUCKS  
 \_\_\_ NUMBER OF TRUCKS COMPARED \_\_\_ NUMBER OF TEST TRUCKS USED  
 \_\_\_ PASSES PER TRUCK  
 TRUCK TYPE 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 \_\_\_\_\_ STANDARD DEVIATION \_\_\_\_\_  
 DYNAMIC AND STATIC SINGLE AXLES \_\_\_\_\_ STANDARD DEVIATION \_\_\_\_\_  
 DYNAMIC AND STATIC DOUBLE AXLES \_\_\_\_\_ STANDARD DEVIATION \_\_\_\_\_
8. \_\_\_ 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) \_\_\_  
 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 8hrs TIME \_\_\_ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:  
 \*\*\* FHWA CLASS 9 8% FHWA CLASS \_\_\_\_\_  
 \*\*\* FHWA CLASS 8 40% FHWA CLASS \_\_\_\_\_  
 FHWA CLASS \_\_\_\_\_  
 FHWA CLASS \_\_\_\_\_  
 \*\*\* PERCENT "UNCLASSIFIED" VEHICLES: 0.0

PERSON LEADING CALIBRATION EFFORT: <u>Phil Mraz</u> CONTACT INFORMATION: <u>515-239-1548</u>	rev. November 9, 1999
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