

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [3006] *STATE CODE [19] *SHRP SECTION ID [3006]
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [09/02/2009]
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 Measurement Specialties, Inc

Entered
Mar 12/07
RW

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 ☒ TIME 4hrs ___ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 4% FHWA CLASS _____
 *** FHWA CLASS 8 5% FHWA CLASS _____
 FHWA CLASS _____
 FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: 0%

PERSON LEADING CALIBRATION EFFORT: <u>Andrew Shaw</u> CONTACT INFORMATION: <u>515-239-7526</u>	rev. November 9, 1999
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