

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID

*STATE CODE

*SHRP SECTION ID

[_Rigby_]

[16]

[1021]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [/ _April_ / _2002_]
2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
3. * REASON FOR CALIBRATION

☒ REGULARLY SCHEDULED SITE VISIT
☐ EQUIPMENT REPLACEMENT
☐ DATA TRIGGERED SYSTEM REVISION
☐ OTHER (SPECIFY) _____

☐ RESEARCH
☐ TRAINING
☐ NEW EQUIPMENT INSTALLATION
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

☐ BARE ROUND PIEZO CERAMIC
☒ CHANNELIZED ROUND PIEZO
☐ CHANNELIZED FLAT PIEZO
☐ OTHER (SPECIFY) _____

☐ BARE FLAT PIEZO
☐ LOAD CELLS
☐ INDUCTANCE LOOPS

☐ BENDING PLATES
☐ QUARTZ PIEZO
☐ CAPACITANCE PADS
5. EQUIPMENT MANUFACTURER Electronic Control Measurement Inc. (ECM)

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 _____
 DYNAMIC AND STATIC SINGLE AXLES _____
 DYNAMIC AND STATIC DOUBLE AXLES _____

STANDARD DEVIATION _____
 STANDARD DEVIATION _____
 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

☒ 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 8 _____

FHWA CLASS _____
 FHWA CLASS _____
 FHWA CLASS _____
 FHWA CLASS _____
- *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT:

CONTACT INFORMATION:

rev. November 9, 1999

OCT 09 2003