

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [] []
*STATE CODE [16]
*SHRP SECTION ID [1010]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR)
[09/ 16 / 2008]
2. * TYPE OF EQUIPMENT CALIBRATED ___ WIM ___ CLASSIFIER ___X___ BOTH
3. * REASON FOR CALIBRATION
___X___ 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
___X___ CHANNELIZED ROUND PIEZO ___ LOAD CELLS ___ QUARTZ PIEZO
___ CHANNELIZED FLAT PIEZO ___ INDUCTANCE LOOPS ___ CAPACITANCE PADS
___ OTHER (SPECIFY) _____
5. EQUIPMENT MANUFACTURER _____ Electronic Control Measure Inc. (ECM) _____

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
___X___ TRAFFIC STREAM -- ___ STATIC SCALE (Y/N) ___ TEST TRUCKS
___ NUMBER OF TRUCKS COMPARED ___ NUMBER OF TEST TRUCKS USED
- | | TRUCK | TYPE | PASSES PER TRUCK
SUSPENSION |
|---|-------|-------|--------------------------------|
| TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE) | 1 | _____ | _____ |
| | 2 | _____ | _____ |
| | 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) ___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

