

*STATE ASSIGNED ID []
 *STATE CODE [48]
 *SHRP SECTION ID [9355]

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [08 / 03 / 2005]

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) Piezo Class 1 Thermacoax

5. EQUIPMENT MANUFACTURER Hestia Electronic

6.** CALIBRATION TECHNIQUE USED:
 ____ TRAFFIC STREAM -- ____ STATIC SCALE (Y/N) ✓ TEST TRUCKS
 NUMBER OF TRUCKS COMPARED | NUMBER OF TEST TRUCKS USED

TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE)

1	<u>6</u>	<u>1</u>
2	<u> </u>	<u> </u>
3	<u> </u>	<u> </u>

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW -1.8 STANDARD DEVIATION 9.4
 DYNAMIC AND STATIC SINGLE AXLES 51.2 STANDARD DEVIATION 42.8
 DYNAMIC AND STATIC DOUBLE AXLES -16.6 STANDARD DEVIATION 22.1
8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 53-65

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: _____

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 MAR 20 2006 R G