SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [ ] *STATE CODE [48] *SHRP SECTION ID [1111]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [05/26/2004]

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) Piezo Class1 Thermocoax
   - ___ BARE FLAT PIEZO
   - ___ LOAD CELLS
   - ✓ INDUCTANCE LOOPS
   - ___ BENDING PLATES
   - ___ QUARTZ PIEZO
   - ___ CAPACITANCE PADS

5. EQUIPMENT MANUFACTURER Hestia Electronic

WIM SYSTEM CALIBRATION SPECIFICS**

6.** CALIBRATION TECHNIQUE USED:
___ TRAFFIC STREAM -- ___ STATIC SCALE (Y/N) ✓ TEST TRUCKS

___ NUMBER OF TRUCKS COMPARED ___2 NUMBER OF TEST TRUCKS USED

___3 PASSES PER TRUCK

	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1	5	1
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	2	5	1
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) 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

ENTERED MAR 21 2006 RG
ENTERED APR 23 2009 GM