SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [_____] *STATE CODE [47] *SHRP SECTION ID [3075]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [05/16/2002]

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) BL Piezo
   ____ BARE FLAT PIEZO
   ____ LOAD CELLS
   ✓ INDUCTANCE LOOPS
   ____ BENDING PLATES
   ____ QUARTZ PIEZO
   ____ CAPACITANCE PADS

5. EQUIPMENT MANUFACTURER ~~BL Piezo~~ Measurement Specialties

WIM SYSTEM CALIBRATION SPECIFICS**

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

___ NUMBER OF TRUCKS COMPARED 001 NUMBER OF TEST TRUCKS USED

007 PASSES PER TRUCK

	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1	06 10	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. 01 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 42 - 50

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 15 min 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

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