SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [_____] *STATE CODE [48] *SHRP SECTION ID [1130]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [05/16/2000]

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
   - ___ BARE FLAT PIEZO
   - ___ BENDING PLATES
   - ✓ CHANNELIZED ROUND PIEZO
   - ___ LOAD CELLS
   - ___ QUARTZ PIEZO
   - ✓ CHANNELIZED FLAT PIEZO
   - ✓ INDUCTANCE LOOPS
   - ___ CAPACITANCE PADS
   - ✓ OTHER (SPECIFY) HUKTOOWT Piezo

5. EQUIPMENT MANUFACTURER _____

Doug M 6/2/09

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

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

___ PASSES PER TRUCK		
TRUCK	TYPE	SUSPENSION
1	_____	_____
2	_____	_____
3	_____	_____

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN ---
DYNAMIC AND STATIC GVW 8.9 STANDARD DEVIATION 17.5
DYNAMIC AND STATIC SINGLE AXLES 20.8 STANDARD DEVIATION 14.9
DYNAMIC AND STATIC DOUBLE AXLES 14.2 STANDARD DEVIATION 12.1

8. 03 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 49 52 _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) ___ ___ ___ . ___ ___

11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
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 JUN 03 2009 KG

MN DOT 60 JAN 09 CLASSIFIER