

\*STATE ASSIGNED ID [ ]  
\*STATE CODE [48]  
\*SHRP SECTION ID [5274]

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [05/02/2000]

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) Piezoelectric

5. EQUIPMENT MANUFACTURER \_\_\_\_\_

6.\*\* CALIBRATION TECHNIQUE USED:  
 \_\_\_\_ TRAFFIC STREAM -- \_\_\_\_ STATIC SCALE (Y/N) ✓ TEST TRUCKS  
 \_\_\_\_ NUMBER OF TRUCKS COMPARED 002 NUMBER OF TEST TRUCKS USED

TYPE PER FHWA 13 BIN SYSTEM	PASSES PER TRUCK		
	TRUCK	TYPE	SUSPENSION
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	1	9 JK	1
3 - OTHER (DESCRIBE)	2	9	5/28/07
	3		1

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
 MEAN DIFFERENCE BETWEEN ---  
 DYNAMIC AND STATIC GVW 20.4 STANDARD DEVIATION 19.8  
 DYNAMIC AND STATIC SINGLE AXLES 10.4 STANDARD DEVIATION 9.1  
 DYNAMIC AND STATIC DOUBLE AXLES 27.4 STANDARD DEVIATION 22.7
8. 01 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 53-64  
 \_\_\_\_\_  
 \_\_\_\_\_
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:

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:

rev. November 9, 1999

ENTERED JUN 02 2009 KS

ENTERED JAN 07 2004 M M