

TOTAL P.02

SHEET 16  
MONITORED TRAFFIC DATA  
LTPP PROGRAM

\*STATE ASSIGNED ID  
\*STATE CODE  
\*SHRP SECTION ID

14150

4158

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) 10/05/2003
2. \* TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER ☒ BOTH
3. \* REASON FOR CALIBRATION  
☒ REGULARLY SCHEDULED SITE VISIT  
☐ EQUIPMENT REPLACEMENT  
☐ DATA TRIGGERED SYSTEM REVIEW  
☐ OTHER (SPECIFY) \_\_\_\_\_
4. \* SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):  
☐ BARE ROUND PIEZO ☒ BARE FLAT PIEZO ☐ BENDING PLATES  
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☐ QUARTZ PIEZO  
☐ CHANNELIZED FLAT PIEZO ☐ INDUCTANCE LOOPS ☐ CAPACITANCE PADS  
☐ OTHER (SPECIFY) \_\_\_\_\_
5. EQUIPMENT MANUFACTURER MSI / IRO

WIM SYSTEM CALIBRATION SPECIFICS\*\*

6.\*\* CALIBRATION TECHNIQUE USED:

☐ TRAFFIC STREAM ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS

☐ NUMBER OF TRUCKS COMPARED ☐ NUMBER OF TEST TRUCKS USED

☐ PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	9	1
2		
3		

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

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN —  
DYNAMIC VS. STATIC GVW 6.2 STANDARD DEVIATION 7.4  
DYNAMIC VS. STATIC SINGLE AXLES 0.6 STANDARD DEVIATION 4.1  
DYNAMIC VS. STATIC DOUBLE AXLES 6.9 STANDARD DEVIATION 10.8

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 60 mph ± 2

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 0.80

11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y  
IF YES, IDENTIFY AND DEFINE AUTO-CALIBRATION VALUE: 24 hrs Class 9 20%

CLASSIFIER TEST SPECIFICS\*\*\*

12.\*\*\* METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:  
☐ VIDEO (1) ☒ MANUAL (2) ☐ PARALLEL CLASSIFIERS (3)

13. METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☒ NUMBER OF TRUCKS

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

\*\*\* FHWA CLASS 9 0%

FHWA CLASS		
9	0%	
8		

\*\*\* PERCENT "UNCLASSIFIED" VEHICLES: 0%

PERSON LEADING CALIBRATION EFFORT:

Blaine Meyers PRD 405 816 1427

rev November 9, 1999

JUL-15-2003 16:57

FRUGRE BRE

512 973 9565 P.02/02

ENTERED SEP 17 2003 R G