

[1919 ON YR/YL] 49:ST JUL 80/ST/00

RECEIVED SEP 04 2003

TOTAL P.02

SHEET 16  
MONITORED TRAFFIC DATA  
LTPP PROGRAM

\*STATE ASSIGNED ID  
\*STATE CODE  
\*SRHP SECTION ID

14165

SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) 10/21/2003
- \* TYPE OF EQUIPMENT CALIBRATED ☒ WIM CLASSIFIER ☐ BOTH
- \* REASON FOR CALIBRATION  
☒ REGULARLY SCHEDULED SITE VISIT  
☐ EQUIPMENT REPLACEMENT  
☐ DATA TRIGGERED SYSTEM REVIEW  
☐ OTHER (SPECIFY) \_\_\_\_\_  
☐ RESEARCH  
☐ TRAINING  
☐ NEW EQUIPMENT INSTALLATION
- \* 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) \_\_\_\_\_
- EQUIPMENT MANUFACTURER MSC/IRD

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- \*\* CALIBRATION TECHNIQUE USED:  
☐ TRAFFIC STREAM ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS  
☐ NUMBER OF TRUCKS COMPARED ☐ NUMBER OF TEST TRUCKS USED  
TYPE PER FHWA 13 BIN SYSTEM 1 10 PASSES PER TRUCK  
SUSPENSION: 1 - AIR; 2 - LEAF SPRING 2 9  
3 - OTHER (DESCRIBE) 3 1  
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN —  
DYNAMIC VS. STATIC GVW -0.99 STANDARD DEVIATION 7.1  
DYNAMIC VS. STATIC SINGLE AXLES -7.3 STANDARD DEVIATION 5.2  
DYNAMIC VS. STATIC DOUBLE AXLES -2.0 STANDARD DEVIATION 8.7

1. NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
2. DEFINE THE SPEED RANGES USED (MPH) 65 mph + - 3 mph
3. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 0.89
- 11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y  
IF YES, IDENTIFY AND DEFINE AUTO-CALIBRATION VALUE: 24hr Class 9 2%

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 \_\_\_\_\_  
\*\*\* FHWA CLASS 8 \_\_\_\_\_ FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
\*\*\* PERCENT "UNCLASSIFIED" VEHICLES: 0

PERSON LEADING CALIBRATION EFFORT: Blake Meyers - IRD (405) 816 1427

ENTERED SEP 18 2003 RG