

[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
SUSPENSION: 1 - AIR; 2 - LEAF SPRING 3 - OTHER (DESCRIBE)
10 PASSES PER TRUCK
TRUCK TYPE SUSPENSION
9 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
8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 65 mph + - 3 mph

- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 0.89
- ** 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***

- *** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO (1) ☒ MANUAL (2) ☐ PARALLEL CLASSIFIERS (3)
- METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☒ NUMBER OF TRUCKS
- 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: Blaine Meyers - IRD (405) 816 1427

ENTERED SEP 18 2003 RG