

RECEIVED SEP 04 2003

[1919 ON XR/XLI] 45:ST ENL 80/ST/20

TOTAL P.02

SHEET 16
MONITORED TRAFFIC DATA
LTPP PROGRAM

*STATE ASSIGNED ID
*STATE CODE
*SHRP SECTION ID

14155

SITE CALIBRATION INFORMATION

4155

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) 10/05/2003
- * TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER BOTH
- * REASON FOR CALIBRATION
REGULARLY SCHEDULED SITE VISIT RESEARCH
EQUIPMENT REPLACEMENT TRAINING
DATA TRIGGERED SYSTEM REVIEW NEW EQUIPMENT INSTALLATION
OTHER (SPECIFY)
- * 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 MSI / IRO

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
TRAFFIC STREAM - STATIC SCALE (Y/N) TEST TRUCKS
NUMBER OF TRUCKS COMPARED 1 NUMBER OF TEST TRUCKS USED
10 PASSES PER TRUCK
TRUCK TYPE SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM 1 9 1
SUSPENSION: 1 - AIR; 2 - LEAF SPRING 2
3 - OTHER (DESCRIBE) 3

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
*** FHWA CLASS 8 FHWA CLASS
FHWA CLASS
FHWA CLASS
*** PERCENT "UNCLASSIFIED" VEHICLES: 0%

PERSON LEADING CALIBRATION EFFORT: Blaine Meyers PRD 405 816 1427
JUL-15-2003 16:57 rev November 9, 1999

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