

SHEET 16
MONITORED TRAFFIC DATA
LTPP PROGRAM

*STATE ASSIGNED ID []
*STATE CODE [47]
*SHRP SECTION ID [3075]

SITE CALIBRATION INFORMATION

RECEIVED SEP 27 2002

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [09/24/2001]
2. * TYPE OF EQUIPMENT CALIBRATED _ WIM _ CLASSIFIER ☒ BOTH
3. * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT _____ RESEARCH
_____ EQUIPMENT REPLACEMENT _____ TRAINING
_____ DATA TRIGGERED SYSTEM REVIEW _____ NEW EQUIPMENT INSTALLATION
_____ 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) BL Piezo
5. EQUIPMENT MANUFACTURER Measurement Specialties

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
_____ TRAFFIC STREAM -- _____ STATIC SCALE (Y/N) ☒ TEST TRUCKS
_____ NUMBER OF TRUCKS COMPARED 001 NUMBER OF TEST TRUCKS USED
010 PASSES PER TRUCK
TRUCK TYPE SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM 1 10 _____
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 _____ STANDARD DEVIATION _____
DYNAMIC VS. STATIC SINGLE AXLES _____ STANDARD DEVIATION _____
DYNAMIC VS. STATIC DOUBLE AXLES _____ STANDARD DEVIATION _____
8. 01 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 40 - 50
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
IF YES, IDENTIFY AND DEFINE AUTO-CALIBRATION VALUE: _____

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 15 min 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: _____

PERSON LEADING CALIBRATION EFFORT: _____
CONTACT INFORMATION: _____

rev. November 9, 1999

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