

Entered
7/28/10
PC

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [300] *STATE CODE [29] *SHRP SECTION ID [0800]
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [12/29/2008]
2. * TYPE OF EQUIPMENT CALIBRATED ___ WIM ☒ CLASSIFIER ___ BOTH
3. * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT ___ RESEARCH
___ EQUIPMENT REPLACEMENT ___ TRAINING
___ DATA TRIGGERED SYSTEM REVISION ___ NEW EQUIPMENT INSTALLATION
___ OTHER (SPECIFY) _____
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
___ BARE ROUND PIEZO CERAMIC ___ BARE FLAT PIEZO ___ BENDING PLATES
___ CHANNELIZED ROUND PIEZO ___ LOAD CELLS ___ QUARTZ PIEZO
___ CHANNELIZED FLAT PIEZO ___ INDUCTANCE LOOPS ___ CAPACITANCE PADS
___ OTHER (SPECIFY) Road Tube
5. EQUIPMENT MANUFACTURER DECK

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
TYPE PER FHWA 13 BIN SYSTEM 1
SUSPENSION: 1 - AIR; 2 - LEAF SPRING 2
3 - OTHER (DESCRIBE) 3
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN --
DYNAMIC AND STATIC GVW ___ STANDARD DEVIATION ___
DYNAMIC AND STATIC SINGLE AXLES ___ STANDARD DEVIATION ___
DYNAMIC AND STATIC DOUBLE AXLES ___ STANDARD DEVIATION ___
8. ___ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 50-65
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) ___
11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) ___
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
___ VIDEO ☒ MANUAL ___ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT ___ TIME ☒ NUMBER OF TRUCKS / Auto's - need # of trucks.
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 ___ FHWA CLASS ___
*** FHWA CLASS 8 ___ FHWA CLASS ___
FHWA CLASS ___
FHWA CLASS ___
FHWA CLASS ___
*** PERCENT "UNCLASSIFIED" VEHICLES: ___ } Values Required
} Values Required

PERSON LEADING CALIBRATION EFFORT: <u>Donna Fischer</u>	rev. November 9, 1999
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