

file 800.12.6.8.12

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[_Gtown_]
	*STATE CODE	[16]
	*SHRP SECTION ID	[6027]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [/ _June_ / _2003_]
2. * TYPE OF EQUIPMENT CALIBRATED _X_ WIM CLASSIFIER BOTH
3. * REASON FOR CALIBRATION
X 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
X CHANNELIZED ROUND PIEZO LOAD CELLS QUARTZ PIEZO
 CHANNELIZED FLAT PIEZO INDUCTANCE LOOPS CAPACITANCE PADS
 OTHER (SPECIFY) _____
5. EQUIPMENT MANUFACTURER Electronic Control Measurement Inc. (ECM)

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
X TRAFFIC STREAM -- STATIC SCALE (Y/N) TEST TRUCKS
 NUMBER OF TRUCKS COMPARED NUMBER OF TEST TRUCKS USED
- | | | | |
|--------------------------------------|----------------------------------|---|-------------------|
| | <u> </u> <u> </u> <u> </u> | <u> </u> <u> </u> <u> </u> PASSES PER TRUCK | |
| | <u>TRUCK</u> | <u>TYPE</u> | <u>SUSPENSION</u> |
| TYPE PER FHWA 13 BIN SYSTEM | 1 | <u> </u> | <u> </u> |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 2 | <u> </u> | <u> </u> |
| 3 - OTHER (DESCRIBE) | 3 | <u> </u> | <u> </u> |
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. 50-65 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) _____

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) _Y_
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
 VIDEO MANUAL _X_ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT _X_ 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:	rev. November 9, 1999
CONTACT INFORMATION:	

OCT 09 2003 