

SITE CALIBRATION INFORMATION

ENTERED MAY 03 2004

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR) [10 / 22 / 03]
2. *TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER X BOTH
3. *REASON FOR CALIBRATION
REGULARLY SCHEDULED SITE VISIT
X EQUIPMENT REPLACEMENT
DATA TRIGGERED SYSTEM REVISION
RESEARCH
TRAINING
NEW EQUIPMENT INSTALLATION
4. *SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
BARE ROUND PIEZO CERAMIC X BARE FLAT PIEZO BENDING PLATES
CHANNELIZED ROUND PIEZO LOAD CELLS QUARTZ PIEZO
CHANNELIZED FLAT PIEZO INDUCTANCE LOOPS CAPACITANCE PADS
OTHER (SPECIFY)
5. EQUIPMENT MANUFACTURER PEEK Traffic

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
TRAFFIC STREAM STATIC SCALE (Y/N) X TEST TRUCKS
NUMBER OF TRUCKS COMPARED NUMBER OF TEST TRUCKS USED
PASSES PER TRUCK
TRUCK TYPE SUSPENSION
1 9 1
2
3
TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 – AIR; 2 – LEAF SPRING
3 – OTHER (DESCRIBE)
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN - -
DYNAMIC AND STATIC GVW 2 . 05 STANDARD DEVIATION 1 . 6
DYNAMIC AND STATIC SINGLE AXLES 5 . 76 STANDARD DEVIATION 4 . 0
DYNAMIC AND STATIC DOUBLE AXLES . 13 STANDARD DEVIATION 6 . 46
8.) NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 65
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 1 . 000
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: TMB Lane: class 9, Axle 1, 10,300/65

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
VIDEO X MANUAL PARRALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT X TIME NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 1.0 FHWA CLASS
*** FHWA CLASS 8 .8 FHWA CLASS
FHWA CLASS
FHWA CLASS
*** PERCENT UNCLASSIFIED VEHICLES: 2 . 7

SHEET 14 LTPP TRAFFIC DATA EQUIPMENT INSTALLATION LOG	*STATE ASSIGNED ID []	LOCATION <u> I77 at MM 98.5 </u>
	*STATE CODE [37]	INSTALLATION DATE <u> 10/03/03 </u>
	*SHRP SECTION ID [5826]	

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit			
Interface			
Modem			
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
LTPP Lane Sensor	BARE FLAT PIEZO	MSI	
Sensor Next Adjacent Lane (1)	BARE FLAT PIEZO	MSI	
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane I	6'x6' 4 TURN INDUCTIVE LOOP		
Downstream - Lane I	6'x6' 4 TURN INDUCTIVE LOOP		
Upstream - Other Lanes			
Downstream - Other Lanes			

revised November
11, 1999)