

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[4010]
	*STATE CODE	[39]
	*SHRP SECTION ID	[4031]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [05/29/2002]

2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH

3. * REASON FOR CALIBRATION

<input checked="" type="checkbox"/> REGULARLY SCHEDULED SITE VISIT	<input type="checkbox"/> RESEARCH	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> ENTERED NOV 19 2003 </div>
<input type="checkbox"/> EQUIPMENT REPLACEMENT	<input type="checkbox"/> TRAINING	
<input type="checkbox"/> DATA TRIGGERED SYSTEM REVISION	<input type="checkbox"/> NEW EQUIPMENT INSTALLATION	
<input type="checkbox"/> OTHER (SPECIFY) _____		

4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

<input type="checkbox"/> BARE ROUND PIEZO CERAMIC	<input type="checkbox"/> BARE FLAT PIEZO	<input type="checkbox"/> BENDING PLATES
<input type="checkbox"/> CHANNELIZED ROUND PIEZO	<input checked="" type="checkbox"/> LOAD CELLS	<input type="checkbox"/> QUARTZ PIEZO
<input type="checkbox"/> CHANNELIZED FLAT PIEZO	<input type="checkbox"/> INDUCTANCE LOOPS	<input type="checkbox"/> CAPACITANCE PADS
<input type="checkbox"/> OTHER (SPECIFY) _____		

5. EQUIPMENT MANUFACTURER Mettler-Toledo Inc.

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

☐ TYPE PER FHWA 13 BIN SYSTEM 3 PASSES PER TRUCK/ Lane

SUSPENSION: 1 - AIR; 2 - LEAF SPRING	TRUCK	TYPE	SUSPENSION
3 - OTHER (DESCRIBE)	1	<u>9</u>	<u>1</u>
	2	_____	_____
	3	_____	_____

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---		
DYNAMIC AND STATIC GVW	<u>+ 1.8</u>	STANDARD DEVIATION <u>2.8</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>+ 1.8</u>	STANDARD DEVIATION <u>8.9</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>- 1.1</u>	STANDARD DEVIATION <u>2.3</u>

8. 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 55-60

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____

11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) 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

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: <u>Steven Jessberger</u>	rev. November 9, 1999
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