

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[]
	*STATE CODE	[48]
	*SHRP SECTION ID	[5035]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [03 / 16 / 2005]
2. * TYPE OF EQUIPMENT CALIBRATED ☐ WIM ☐ CLASSIFIER ☒ BOTH
3. * REASON FOR CALIBRATION

<input checked="" type="checkbox"/> REGULARLY SCHEDULED SITE VISIT	<input type="checkbox"/> RESEARCH
<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 type="checkbox"/> LOAD CELLS	<input type="checkbox"/> QUARTZ PIEZO
<input type="checkbox"/> CHANNELIZED FLAT PIEZO	<input checked="" type="checkbox"/> INDUCTANCE LOOPS	<input type="checkbox"/> CAPACITANCE PADS
<input checked="" type="checkbox"/> OTHER (SPECIFY) <u>Piezo Class 1 Thermocouple</u>		
5. EQUIPMENT MANUFACTURER Hestia Electronic

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:

<input type="checkbox"/> TRAFFIC STREAM -- <input type="checkbox"/> STATIC SCALE (Y/N)	<input checked="" type="checkbox"/> TEST TRUCKS
<input type="checkbox"/> NUMBER OF TRUCKS COMPARED	<input type="checkbox"/> NUMBER OF TEST TRUCKS USED

	<u>3</u> PASSES PER TRUCK		
	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1	<u>5</u>	<u>1</u>
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	<u>13.0</u> STANDARD DEVIATION <u>0.6</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>3.9</u> STANDARD DEVIATION <u>9.8</u>
DYNAMIC AND STATIC DOUBLE AXLES	_____ STANDARD DEVIATION _____
8. ☐ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 52-55
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:

<input type="checkbox"/> VIDEO	<input type="checkbox"/> MANUAL	<input type="checkbox"/> PARALLEL CLASSIFIERS
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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:
 CONTACT INFORMATION:

rev. November 9, 1999

ENTERED MAR 22 2006 RG