

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[ _ _ _ ]
	*STATE CODE	[ 4 8 ]
	*SHRP SECTION ID	[ 1 0 9 6 ]

### SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [ 0 1 / 0 4 / 2 0 0 6 ]
- \* TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☒ BOTH
- \* REASON FOR CALIBRATION 01/31/08
  - ☒ REGULARLY SCHEDULED SITE VISIT
  - ☐ EQUIPMENT REPLACEMENT
  - ☐ DATA TRIGGERED SYSTEM REVISION
  - ☐ OTHER (SPECIFY) \_\_\_\_\_
  - ☐ RESEARCH
  - ☐ TRAINING
  - ☐ NEW EQUIPMENT INSTALLATION
- \* 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 Thermomax</u>		
- EQUIPMENT MANUFACTURER Hestia Electronic

### WIM SYSTEM CALIBRATION SPECIFICS\*\*

- \*\* 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	

TYPE PER FHWA 13 BIN SYSTEM:		PASSES PER TRUCK	
SUSPENSION:	1 - AIR; 2 - LEAF SPRING 3 - OTHER (DESCRIBE)	TRUCK	TYPE
		1	6
		2	6
		3	1

- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 

MEAN DIFFERENCE BETWEEN ---		
DYNAMIC AND STATIC GVW	<u>3.5</u>	STANDARD DEVIATION <u>6.8</u>
DYNAMIC AND STATIC SINGLE AXLES	<u>0.0</u>	STANDARD DEVIATION <u>10.0</u>
DYNAMIC AND STATIC DOUBLE AXLES	<u>3.1.6</u>	STANDARD DEVIATION <u>6.6</u>
- 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 50 - 58
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_
- \*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y  
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: \_\_\_\_\_

### CLASSIFIER TEST SPECIFICS\*\*\*

- \*\*\* 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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- METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS
- 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 APR 23 2009 G W

ENTERED JAN 31 2008 C G  
ENTERED JAN 14 2008 C 6