

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[]
	*STATE CODE	[48]
	*SHRP SECTION ID	[1093]

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) 102/19/2003
- * TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER BOTH
- * REASON FOR CALIBRATION
☒ 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):
☐ BARE ROUND PIEZO CERAMIC
☐ CHANNELIZED ROUND PIEZO
☐ CHANNELIZED FLAT PIEZO
☒ OTHER (SPECIFY) Piezo Class 1 Thermo coax
☐ BARE FLAT PIEZO
☐ LOAD CELLS
☐ INDUCTANCE LOOPS
☐ BENDING PLATES
☐ QUARTZ PIEZO
☐ CAPACITANCE PADS
- EQUIPMENT MANUFACTURER Hestia Electronic

WIM SYSTEM CALIBRATION SPECIFICS**

- ** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
☐ NUMBER OF TRUCKS COMPARED 4 ☐ NUMBER OF TEST TRUCKS USED 1

Duplicate
Header info

4-30-04

SYSTEM
LEAF SPRING
(DESCRIBE)

TRUCK	TYPE	SUSPENSION
1	6	1
2		
3		

RESULTS (EXPRESSED AS A PERCENT)

GVW	<u>7.1</u>	STANDARD DEVIATION	<u>2.3</u>
SINGLE AXLES	<u>19.6</u>	STANDARD DEVIATION	<u>5.3</u>
DOUBLE AXLES	<u>5.2</u>	STANDARD DEVIATION	<u>3.2</u>

SPEEDS AT WHICH CALIBRATION WAS PERFORMED

RANGES USED (MPH) 52-54

OR (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:
☐ VIDEO ☐ MANUAL ☐ PARALLEL CLASSIFIERS
- 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 JAN 09 2008 C 6
ENTERED JAN 31 2008 C 6

*STATE ASSIGNED ID []
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1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [02/19/2003]

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

3. * REASON FOR CALIBRATION
☒ 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
___ CHANNELIZED ROUND PIEZO ___ LOAD CELLS ___ QUARTZ PIEZO
___ CHANNELIZED FLAT PIEZO ☒ INDUCTANCE LOOPS ___ CAPACITANCE PADS
☒ OTHER (SPECIFY) Piezo Class I Thermo Coax

5. EQUIPMENT MANUFACTURER Hestia Electronic

6.** CALIBRATION TECHNIQUE USED:
 ____ TRAFFIC STREAM -- ____ STATIC SCALE (Y/N) ☒ TEST TRUCKS
 ____ NUMBER OF TRUCKS COMPARED 001 NUMBER OF TEST TRUCKS USED

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---		STANDARD DEVIATION	
DYNAMIC AND STATIC GVW	30 7.1	18.3 1.4	
DYNAMIC AND STATIC SINGLE AXLES	19.6 18.3	5.3 7.5	
DYNAMIC AND STATIC DOUBLE AXLES	19.9 3.7	8.8 6.0	

11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

*** FHWA CLASS 9 _____	FHWA CLASS _____	_____
*** FHWA CLASS 8 _____	FHWA CLASS _____	_____
	FHWA CLASS _____	_____
	FHWA CLASS _____	_____

rev. November 9, 1999

ENTERED OCT 30 2003 IN D

ENTERED JUN 14 2005 NM