

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

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [02 / 12 / 2004]
- * TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER BOTH ☒
- * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT RESEARCH
 EQUIPMENT REPLACEMENT TRAINING
 DATA TRIGGERED SYSTEM REVISION NEW EQUIPMENT INSTALLATION
 OTHER (SPECIFY)
- * 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) Piezoelectric Thermocouples
- EQUIPMENT MANUFACTURER Hestia Electronic

WIM SYSTEM CALIBRATION SPECIFICS**

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

4 PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	<u>5</u>	<u>1</u>
2	<u> </u>	<u> </u>
3	<u> </u>	<u> </u>
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN ---
DYNAMIC AND STATIC GVW -1.4 STANDARD DEVIATION 7.8
DYNAMIC AND STATIC SINGLE AXLES -6.2 STANDARD DEVIATION 11.7
DYNAMIC AND STATIC DOUBLE AXLES . . . STANDARD DEVIATION . . .
- (NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 52-54
- 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:
 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 MAR 22 2006 RG