

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID ____ *STATE CODE ____ 05 *SHRP SECTION ID 0200
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/28/2008]
2. * TYPE OF EQUIPMENT CALIBRATED ____ WIM ____ CLASSIFIER X BOTH
3. * REASON FOR CALIBRATION

____ REGULARLY SCHEDULED SITE VISIT ____ EQUIPMENT REPLACEMENT ____ DATA TRIGGERED SYSTEM REVISION <u> X </u> OTHER (SPECIFY) <u> LTPP Validation </u>	____ RESEARCH ____ TRAINING ____ NEW EQUIPMENT INSTALLATION
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4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

____ BARE ROUND PIEZO CERAMIC ____ CHANNELIZED ROUND PIEZO ____ CHANNELIZED FLAT PIEZO ____ OTHER (SPECIFY) _____	____ BARE FLAT PIEZO ____ LOAD CELLS <u> X </u> INDUCTANCE LOOPS	<u> X </u> BENDING PLATES ____ QUARTZ PIEZO ____ CAPACITANCE PADS
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5. EQUIPMENT MANUFACTURER IRD/ PAT Traffic

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:

____ TRAFFIC STREAM -- ____ STATIC SCALE (Y/N)	<u> X </u> TEST TRUCKS	
____ NUMBER OF TRUCKS COMPARED	<u> 2 </u> NUMBER OF TEST TRUCKS USED	
	<u> 20 </u> PASSES PER TRUCK	

TYPE PER FHWA 13 BIN SYSTEM	TRUCK	TYPE	SUSPENSION
SUSPENSION: 1 - AIR; 2 - LEAF SPRING	1	9	1
3 - OTHER (DESCRIBE)	2	9	2
	3		
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN --			
DYNAMIC AND STATIC GVW	0.9	STANDARD DEVIATION	2.4
DYNAMIC AND STATIC SINGLE AXLES	-1.0	STANDARD DEVIATION	2.7
DYNAMIC AND STATIC DOUBLE AXLES	1.2	STANDARD DEVIATION	3.8
8. 3 ____ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 55 60 65
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 3083 / 3243
- 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 <u> X </u> MANUAL	____ PARALLEL CLASSIFIERS	
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13. METHOD TO DETERMINE LENGTH OF COUNT ____ TIME X NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9 <u> 0 </u>	FHWA CLASS	
*** FHWA CLASS 8 <u> 0 </u>	FHWA CLASS	
	FHWA CLASS	
	FHWA CLASS	

*** PERCENT "UNCLASSIFIED" VEHICLES: 0.0

PERSON LEADING CALIBRATION EFFORT: <u> Dean J. Wolf, MAC/TEC </u> CONTACT INFORMATION: <u> 301-210-5105 </u>	rev. November 9, 1999
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GW
11/11
LOADED
GW
11/11
PREPARED

