

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[0600]
	*STATE CODE	[0 6]
	*SHRP SECTION ID	[0600]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [6/12/2003]

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

3. * REASON FOR CALIBRATION

<input type="checkbox"/> REGULARLY SCHEDULED SITE VISIT	<input type="checkbox"/> RESEARCH
<input checked="" 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 checked="" 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 type="checkbox"/> OTHER (SPECIFY) _____		

5. EQUIPMENT MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS**

6.** CALIBRATION TECHNIQUE USED:

☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS

☐ NUMBER OF TRUCKS COMPARED ☐ 1 NUMBER OF TEST TRUCKS USED

	14	PASSES PER TRUCK	
	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1	9	1
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	-4	STANDARD DEVIATION	
DYNAMIC AND STATIC SINGLE AXLES		STANDARD DEVIATION	
DYNAMIC AND STATIC DOUBLE AXLES		STANDARD DEVIATION	

8. ☐ 10 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) ☐ 40-50 ☐ 50-60 _____

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____

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 ☐ MANUAL ☐ PARALLEL CLASSIFIERS

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:	rev. November 9, 1999
CONTACT INFORMATION: Joe Avis	

SEP 11 2003