

file: 800.12.2.8.12

Sheet 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED	[ 202 ]
	*STATE CODE	[ 04 ]
	*SHRP SECTION ID	[ 0601 ]
	0600	

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) **06/20/2005**
2. \* TYPE OF EQUIPMENT CALIBRATED X WIM      CLASSIFIER      BOTH
3. \* REASON FOR CALIBRATION  
X 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 X BENDING PLATES  
     CHANNELIZED ROUND PIEZO      LOAD CELLS      QUARTZ PIEZO  
     CHANNELIZED FLAT PIEZO      INDUCTANCE LOOPS      CAPACITANCE PADS  
     OTHER (SPECIFY)
5. EQUIPMENT MANUFACTURER PAT

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 6.\*\* CALIBRATION TECHNIQUE USED:  
     TRAFFIC STREAM --      STATIC SCALE (Y/N) X TEST TRUCKS  
     NUMBER OF TRUCKS COMPARED      1 NUMBER OF TEST TRUCKS USED

	<u>2</u>	<u>5</u>	PASSES PER TRUCK
	TRUCK	TYPE	SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM	1	<u>9</u>	<u>1</u>
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 0.5 0.8 STANDARD DEVIATION 2.51 1.46  
DYNAMIC AND STATIC SINGLE AXLES 0.0 -5.5 STANDARD DEVIATION 4.66 2.06  
DYNAMIC AND STATIC DOUBLE AXLES -2.9 1.4 STANDARD DEVIATION 3.00 3.57
8. 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 50,60,70
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 1054,896

- 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: Greg Felsing IRD  
CONTACT INFORMATION: 435-632-4142

rev. November 9, 1999

ENTERED SEP 30 2005

Item 7  
1st value - lane 1  
2nd value - lane 2  
Please enter lane 1  
values

80K