

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	[ ]
	*STATE CODE	[13]
	*SHRP SECTION ID	[0500]

### SITE CALIBRATION INFORMATION

- \* DATE OF CALIBRATION (MONTH/DAY/YEAR) 10/11/2009
- \* 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) Road Tubes
- EQUIPMENT MANUFACTURER Metrocount

### WIM SYSTEM CALIBRATION SPECIFICS\*\*

- \*\* CALIBRATION TECHNIQUE USED:  
☐ TRAFFIC STREAM   ☐ STATIC SCALE (Y/N)   ☐ TEST TRUCKS    
☐ NUMBER OF TRUCKS COMPARED   ☐ NUMBER OF TEST TRUCKS USED    
☐ PASSES PER TRUCK    
☐ TRUCK TYPE SUSPENSION    
 TYPE PER FHWA 13 BIN SYSTEM    
 SUSPENSION: 1 - AIR; 2 - LEAF SPRING    
 3 - OTHER (DESCRIBE)
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
 MEAN DIFFERENCE BETWEEN —  
 DYNAMIC AND STATIC GVW   STANDARD DEVIATION    
 DYNAMIC AND STATIC SINGLE AXLES   STANDARD DEVIATION    
 DYNAMIC AND STATIC DOUBLE AXLES   STANDARD DEVIATION
- NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH)
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)
- \*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N)    
 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 0 FHWA CLASS    
 \*\*\* FHWA CLASS 8 0 FHWA CLASS    
 FHWA CLASS    
 FHWA CLASS    
 \*\*\* PERCENT "UNCLASSIFIED" VEHICLES: 0

See QA/QC

PERSON LEADING CALIBRATION EFFORT: <u>Randall Weaver</u>	rev. November 9, 1999
CONTACT INFORMATION: <u>850-450-0410</u>	

ENTERED 7/15/2009 JRM