

<div>SHEET 16</div> <div>LTPP MONITORED TRAFFIC DATA</div> <div>SITE CALIBRATION SUMMARY</div>	<div>*STATE ASSIGNED ID [2041]</div> <div>*STATE CODE [0 6]</div> <div>*SHRP SECTION ID [2041]</div>
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [5/29/2019]

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

3. * REASON FOR CALIBRATION

☒ 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

☒ BENDING PLATES

☐ CHANNELIZED ROUND PIEZO

☐ LOAD CELLS

☐ QUARTZ PIEZO

☐ CHANNELIZED FLAT PIEZO

☒ INDUCTANCE LOOPS

☐ CAPACITANCE PADS

☐ OTHER (SPECIFY) _____

5. EQUIPMENT INTERNATIONAL ROAD DYNAMICS

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

TYPE PER FHWA 13 BIN SYSTEM

SUSPENSION: 1 - AIR; 2 - LEAF SPRING

3 - OTHER (DESCRIBE)

17

TRUCK

9

TYPE

1

SUSPENSION

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---

DYNAMIC AND STATIC GVW

-0.3

STANDARD DEVIATION

1.7

DYNAMIC AND STATIC SINGLE AXLES

-4.5

STANDARD DEVIATION

2.9

DYNAMIC AND STATIC DOUBLE AXLES

STANDARD DEVIATION

8. ☒ 9 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) ☐

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 8

FHWA CLASS

FHWA CLASS

FHWA CLASS

FHWA CLASS

*** PERCENT "UNCLASSIFIED" VEHICLES: _____ . _____

ENTERED BY CO
2020/02/27

PERSON LEADING CALIBRATION EFFORT:

CONTACT INFORMATION: Diana Tham

rev. June 6, 2019