

<div>SHEET 16</div> <div>LTPP MONITORED TRAFFIC DATA</div> <div>SITE CALIBRATION SUMMARY</div>	<div>* STATE ASSIGNED ID</div> <div>* STATE CODE</div> <div>* SHRP SECTION ID</div>	<div>[D 1 3 2]</div> <div>[5 0]</div> <div>[1 6 8 1]</div>
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1682
1683

SITE CALIBRATION INFORMATION

1. *DATE OF CALIBRATION (MONTH/DAY/YEAR) [01/01/2014]
2. *TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
3. *REASON FOR CALIBRATION

☐ REGULARLY SCHEDULED SITE VISIT

☐ EQUIPMENT REPLACEMENT

☐ DATA TRIGGERED SYSTEM REVISION

☐ RESEARCH

☐ TRAINING

☐ NEW EQUIPMENT
- INSTALLATION
☐ OTHER (SPECIFY) autocalibration
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 MANUFACTURER IRD

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
☒ TRAFFIC STREAM ☐ STATIC SCALE (Y / N) ☐ TEST TRUCKS

☐ NUMBER OF TRUCKS COMPARED ☐ NUMBER OF TEST TRUCKS USED

TYPE PER FHWA 13 BIN SYSTEM

SUSPENSION: 1 - AIR; 2 - LEAF SPRING

3 - OTHER (DESCRIBE)

PASSES PER TRUCK

TRUCK TYPE SUSPENSION

1

2

3
7. 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
8. NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) _____
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
11.** IS AUTO-CALIBRATION USED AT THIS TIME? (Y / N) Y
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: Class 9 mean front axle weight 10,000 pounds
- 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:

PERSON LEADING CALIBRATION EFFORT: <u>Dave Gosselin Carl Parton</u>
CONTACT INFORMATION: <u>802 828-2694-6584</u> rev. November 9, 1999

ENTERED
04/JUL/2014
C.O.