

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE: 51
	SPS WIM ID: 510100
	DATE (mm/dd/yyyy) 4/21/2020

**SITE CALIBRATION INFORMATION**

1. DATE OF CALIBRATION {mm/dd/yy} 4/21/20

2. TYPE OF EQUIPMENT CALIBRATED: Both

3. REASON FOR CALIBRATION: LTPP Validation

4. SENSORS INSTALLED IN LTPP LANE AT THIS SITE (Select all that apply):

a. Inductance Loops c.

b. Bending Plates d.

5. EQUIPMENT MANUFACTURER: IRD iSINC

**WIM SYSTEM CALIBRATION SPECIFICS**

6. CALIBRATION TECHNIQUE USED: Test Trucks

Number of Trucks Compared: 2

Number of Test Trucks Used: 2

Passes Per Truck: 20

Type	Drive Suspension	Trailer Suspension
Truck 1: <u>9</u>	<u>air</u>	<u>air</u>
Truck 2: <u>9</u>	<u>air</u>	<u>air</u>
Truck 3: <u></u>	<u></u>	<u></u>

7. SUMMARY CALIBRATION RESULTS (expressed as a %):

Mean Difference Between -

Dynamic and Static GVW:	<u>0.4%</u>	Standard Deviation:	<u>1.9%</u>
Dynamic and Static Single Axle:	<u>2.0%</u>	Standard Deviation:	<u>2.8%</u>
Dynamic and Static Double Axles:	<u>0.5%</u>	Standard Deviation:	<u>3.8%</u>

8. NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED: 3

9. DEFINE SPEED RANGES IN MPH:

	Low		High	Runs
a. <u>Low</u>	- <u>44.0</u>	to	<u>51.0</u>	<u>13</u>
b. <u>Medium</u>	- <u>51.1</u>	to	<u>58.1</u>	<u>14</u>
c. <u>High</u>	- <u>58.2</u>	to	<u>65.0</u>	<u>13</u>
d. <u></u>	- <u></u>	to	<u></u>	<u></u>
e. <u></u>	- <u></u>	to	<u></u>	<u></u>

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10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

#VALUE! #VALUE!

11. IS AUTO- CALIBRATION USED AT THIS SITE?

No

If yes , define auto-calibration value(s):

**CLASSIFIER TEST SPECIFICS**

12. METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:

Manual

13. METHOD TO DETERMINE LENGTH OF COUNT:

Number of Trucks

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

FHWA Class 9:	<u>0.0</u>	FHWA Class	<u>5</u>	-	<u>0.0</u>
FHWA Class 8:	<u>0.0</u>	FHWA Class	<u>6</u>	-	<u>0.0</u>
		FHWA Class	<u>        </u>	-	<u>        </u>
		FHWA Class	<u>        </u>	-	<u>        </u>

Percent of "Unclassified" Vehicles: 0.0%

Test Truck Run Set - Pre

Person Leading Calibration Effort:

Dean Wolf

Contact Information:

Phone: 717-975-3550

E-mail: [dwolf@ara.com](mailto:dwolf@ara.com)

**ENTERED BY CO:**  
**19/MAR/2020**