

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE: 12 SPS WIM ID: 12AA00 DATE : 6/7/2023
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### SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 6/7/23
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. Quartz Piezo d.
5. EQUIPMENT MANUFACTURER: TDC EMU

### WIM SYSTEM CALIBRATION SPECIFICS

6. CALIBRATION TECHNIQUE USED: Test Trucks
- Number of Trucks Compared:
- Number of Test Trucks Used: 2
- Passes Per Truck: 21

	Type	Drive Suspension	Trailer Suspension
Truck 1:	<u>9</u>	<u>1 - Air</u>	<u>1 - Air</u>
Truck 2:	<u>9</u>	<u>1 - Air</u>	<u>1 - 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>-0.5%</u>	Standard Deviation:	<u>2.8%</u>
Dynamic and Static Single Axle:	<u>0.7%</u>	Standard Deviation:	<u>4.2%</u>
Dynamic and Static Double Axles:	<u>-0.6%</u>	Standard Deviation:	<u>5.3%</u>

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

### 9. DEFINE SPEED RANGES IN MPH:

		Low		High	Runs
a.	<u>Speed Point 1</u>	<u>48.8</u>	to	<u>52.5</u>	<u>14</u>
b.	<u>Speed Point 2</u>	<u>52.6</u>	to	<u>56.4</u>	<u>15</u>
c.	<u>Speed Point 3</u>	<u>56.5</u>	to	<u>60.0</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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	DATE (mm/dd/yyyy) <u>6/7/2023</u>

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 0 0

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>-0.1</u>
FHWA Class 8:	<u>-0.3</u>	FHWA Class <u>          </u>	-	<u>          </u>
		FHWA Class <u>          </u>	-	<u>          </u>
		FHWA Class <u>          </u>	-	<u>          </u>

Percent of "Unclassified" Vehicles: 0.0%

Test Truck Run Set: Post

Person Leading Calibration Effort: Dean Wolf, ARA

Contact Information: Phone: 717-975-3550

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

ENTERED BY CO: 03/MAR/2024