

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE: 04 SPS WIM ID: 04AA00 DATE (mm/dd/yyyy) 6/25/2020
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**SITE CALIBRATION INFORMATION**

1. DATE OF CALIBRATION {mm/dd/yy} 6/25/20
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. Quartz Piezo 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>steel spring</u> |
| Truck 3: <u></u>  | <u></u>          | <u></u>             |

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

Mean Difference Between -

Dynamic and Static GVW:	<u>-0.6%</u>	Standard Deviation:	<u>1.3%</u>
Dynamic and Static Single Axle:	<u>-1.4%</u>	Standard Deviation:	<u>2.6%</u>
Dynamic and Static Double Axles:	<u>-0.5%</u>	Standard Deviation:	<u>2.1%</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>55.0</u>	to	<u>60.3</u>	<u>13</u>
b.	<u>Medium</u>	-	<u>60.4</u>	to	<u>65.8</u>	<u>13</u>
c.	<u>High</u>	-	<u>65.9</u>	to	<u>71.0</u>	<u>14</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) 2886 2793

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>        </u>	-	<u>        </u>
FHWA Class 8:	<u>300.0</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 - Pre

Person Leading Calibration Effort: Dean Wolf

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