

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE: 04 SPS WIM ID: 040200 DATE (mm/dd/yyyy) 5/30/2018
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### SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 5/30/18
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. <u>Inductance Loops</u> | c. <u></u> |
| b. <u>Bending Plates</u>   | d. <u></u> |
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: 21
- | 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>1.8%</u>	Standard Deviation:	<u>2.1%</u>
Dynamic and Static Single Axle:	<u>-1.7%</u>	Standard Deviation:	<u>2.5%</u>
Dynamic and Static Double Axles:	<u>2.4%</u>	Standard Deviation:	<u>1.8%</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>61.0</u>	to	<u>66.0</u>	<u>11</u>
b.	<u>Medium</u>	<u>66.1</u>	to	<u>71.1</u>	<u>15</u>
c.	<u>High</u>	<u>71.2</u>	to	<u>76.0</u>	<u>15</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)**

#REF!	#REF!
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**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>100.0</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%

ENTERED BY CO  
2020/02/27

Test Truck Run Set - Pre

**Person Leading Calibration Effort:**

Dean Wolf

**Contact Information:**

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