

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE: 17 SPS WIM ID: 170600 DATE (mm/dd/yyyy) 11/1/2016
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### SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 11/1/16
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:
- 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>-1.9%</u>	Standard Deviation:	<u>2.1%</u>
Dynamic and Static Single Axle:	<u>1.5%</u>	Standard Deviation:	<u>3.1%</u>
Dynamic and Static Double Axles:	<u>-2.4%</u>	Standard Deviation:	<u>2.8%</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>57.0</u>	to	<u>61.0</u>	<u>13</u>
b.	<u>Medium</u>	<u>61.1</u>	to	<u>65.1</u>	<u>13</u>
c.	<u>High</u>	<u>65.2</u>	to	<u>69.0</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)

3500 4180

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:	0.0	FHWA Class	5	-	0.0
FHWA Class 8:	0.0	FHWA Class		-	
		FHWA Class		-	
		FHWA Class		-	

Percent of "Unclassified" Vehicles: 0.0%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort:

Dean Wolf

Contact Information:

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ENTERED  
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CO