

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE:	18
	SPS WIM ID:	180600
	DATE (mm/dd/yyyy)	11/3/2010

### SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 11/3/10
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. Quartz Piezo c.
- b. Inductance Loops d.
5. EQUIPMENT MANUFACTURER: IRD iSINC

ENTERED JAN 05 2011

NE

### 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>air</u>	<u>air</u>
Truck 2:	<u>9</u>	<u>air</u>	<u>air</u>
Truck 3:	<u>0</u>	<u>0</u>	<u>0</u>

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

Mean Difference Between -

Dynamic and Static GVW:	<u>0.0%</u>	Standard Deviation:	<u>1.6%</u>
Dynamic and Static Single Axle:	<u>0.6%</u>	Standard Deviation:	<u>2.6%</u>
Dynamic and Static Double Axles:	<u>0.0%</u>	Standard Deviation:	<u>2.5%</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>48.0</u>	to	<u>52.0</u>	<u>15</u>
b. <u>Medium</u>	<u>52.1</u>	to	<u>56.1</u>	<u>14</u>
c. <u>High</u>	<u>56.2</u>	to	<u>60.0</u>	<u>13</u>
d. <u>0</u>	<u></u>	to	<u></u>	<u></u>
e. <u>0</u>	<u></u>	to	<u></u>	<u></u>

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10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

3201 | 3057

*Aug*  
*31/29*

11. IS AUTO- CALIBRATION USED AT THIS SITE?

No

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

The Auto-cal feature is using a linear progression of numerical values, starting at 1000 for 0 degrees, with a value incremented by 4 for every degree up to 100 degrees.

### 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	-	
FHWA Class 8:	40.0	FHWA Class	-	
		FHWA Class	-	
		FHWA Class	-	

Percent of "Unclassified" Vehicles: 0.0%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort:

Dean Wolf

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