

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE:	35
	SPS WIM ID:	350500
	DATE (mm/dd/yyyy)	1/13/2011

### SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 1/13/11
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>Quartz Piezo</u>	d. <u></u>
5. EQUIPMENT MANUFACTURER: IRD iSINC

### WIM SYSTEM CALIBRATION SPECIFICS

6. CALIBRATION TECHNIQUE USED: Test Trucks

Number of Trucks Compared:	<u></u>
Number of Test Trucks Used:	<u>2</u>
Passes Per Truck:	<u>20</u>

	Type	Drive Suspension	Trailer Suspension
Truck 1:	<u>9</u>	<u>air</u>	<u>air</u>
Truck 2:	<u>9</u>	<u>steel spring</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>-1.3%</u>	Standard Deviation:	<u>2.9%</u>
Dynamic and Static Single Axle:	<u>-3.2%</u>	Standard Deviation:	<u>4.4%</u>
Dynamic and Static Double Axles:	<u>-0.9%</u>	Standard Deviation:	<u>3.4%</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>51.0</u>	to	<u>59.0</u>	<u>14</u>
b. <u>Medium</u>	<u>59.1</u>	to	<u>67.1</u>	<u>11</u>
c. <u>High</u>	<u>67.2</u>	to	<u>75.0</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)

3627 | 3104

11. IS AUTO-CALIBRATION USED AT THIS SITE?  
 If yes, define auto-calibration value(s):

No

**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 8: 50.0

FHWA Class	<u>          </u>	-	<u>          </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%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort:  
 Contact Information:

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