

Traffic Sheet 16	STATE CODE: 55
LTPP MONITORED TRAFFIC DATA	SPS WIM ID: 550100
SITE CALIBRATION SUMMARY	DATE (mm/dd/yyyy) 5/15/2013

SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 5/15/13
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:	<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>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>0.6%</u>	Standard Deviation:	<u>0.7%</u>
Dynamic and Static Single Axle:	<u>-2.1%</u>	Standard Deviation:	<u>1.6%</u>
Dynamic and Static Double Axles:	<u>0.7%</u>	Standard Deviation:	<u>1.2%</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>52.0</u>	<u>56.3</u>	<u>13</u>
b. <u>Medium</u>	<u>56.4</u>	<u>60.8</u>	<u>14</u>
c. <u>High</u>	<u>60.9</u>	<u>65.0</u>	<u>13</u>
d. <u></u>	<u></u>	<u></u>	<u></u>
e. <u></u>	<u></u>	<u></u>	<u></u>

Traffic Sheet 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	STATE CODE:	55
	SPS WIM ID:	550100
	DATE (mm/dd/yyyy)	5/15/2013

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

3222 3111

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>5</u>	-	<u>-9.0</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: 1.0%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort:

Kevin Trousdale

Contact Information:

Phone: 717-975-3550

E-mail: ktrousdale@ara.com