

Traffic Sheet 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	STATE CODE:	42
	SPS WIM ID:	420600
	DATE (mm/dd/yyyy)	10/1/2013

SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 10/1/13
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>Quartz Piezo</u> | d. <u></u> |
5. EQUIPMENT MANUFACTURER: IRD iSINC

WIM SYSTEM CALIBRATION SPECIFICS

6. CALIBRATION TECHNIQUE USED: Test Trucks (LTPP SPS WIM)
- Number of Trucks Compared:
- Number of Test Trucks Used: 2
- Passes Per Truck: 22

	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>0.7%</u>	Standard Deviation:	<u>2.1%</u>
Dynamic and Static Single Axle:	<u>0.1%</u>	Standard Deviation:	<u>3.2%</u>
Dynamic and Static Double Axles:	<u>0.9%</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>53.0</u>	to	<u>57.3</u>	<u>17</u>
b.	<u>Medium</u>	-	<u>57.4</u>	to	<u>61.8</u>	<u>12</u>
c.	<u>High</u>	-	<u>61.9</u>	to	<u>66.0</u>	<u>14</u>
d.	<u></u>	-	<u></u>	to	<u></u>	<u></u>
e.	<u></u>	-	<u></u>	to	<u></u>	<u></u>

ENTERED
6/DEC/2013
C.O.

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10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

3095 | 3551

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>FALSE</u>	-	<u> </u>
FHWA Class 8:	<u>0.0</u>	FHWA Class	<u> </u>	-	<u> </u>
		FHWA Class	<u> </u>	-	<u> </u>
		FHWA Class	<u> </u>	-	<u> </u>

Percent of "Unclassified" Vehicles: 0.8%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort:

Contact Information:

Phone:

E-mail: