

ENTERED JUN 21 2011

NE

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE:	27
	SPS WIM ID:	270500
	DATE (mm/dd/yyyy)	4/26/2011

**SITE CALIBRATION INFORMATION**

1. DATE OF CALIBRATION {mm/dd/yy} 4/26/11
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. Inductance Loops c.
- b. Quartz Piezo 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>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>-0.5%</u>	Standard Deviation:	<u>1.3%</u>
Dynamic and Static Single Axle:	<u>-1.2%</u>	Standard Deviation:	<u>3.0%</u>
Dynamic and Static Double Axles:	<u>-0.4%</u>	Standard Deviation:	<u>2.0%</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></u>	to	<u>12</u>
b.	<u>Medium</u>	-	<u></u>	to	<u>14</u>
c.	<u>High</u>	-	<u></u>	to	<u>14</u>
d.	<u></u>	-	<u></u>	to	<u></u>
e.	<u></u>	-	<u></u>	to	<u></u>

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10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

3937 | 3539

*Avg 3738*

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:

Time

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

FHWA Class 9:	<u>0.0</u>	FHWA Class	<u>        </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: 2.0%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort:

Dean J. Wolf

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