

Traffic Sheet 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	STATE CODE: 22 SPS WIM ID: 220100 DATE (mm/dd/yyyy) 5/29/2013
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SITE CALIBRATION INFORMATION

1. DATE OF CALIBRATION {mm/dd/yy} 5/29/13
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
- 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>0.7%</u>	Standard Deviation:	<u>1.3%</u>
Dynamic and Static Single Axle:	<u>2.0%</u>	Standard Deviation:	<u>2.4%</u>
Dynamic and Static Double Axles:	<u>0.0%</u>	Standard Deviation:	<u>2.2%</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></u>	to <u></u>	<u>17</u>
b. <u>Medium</u>	-	<u></u>	to <u></u>	<u>10</u>
c. <u>High</u>	-	<u></u>	to <u></u>	<u>13</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) 3323 3773

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:	0.0	FHWA Class 5	-	-8.0
FHWA Class 8:	100.0	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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