

<b>Traffic Sheet 16</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE CALIBRATION SUMMARY</b>	STATE CODE:	08
	SPS WIM ID:	080200
	DATE (mm/dd/yyyy)	3/17/2011

**SITE CALIBRATION INFORMATION**

1. DATE OF CALIBRATION {mm/dd/yy} 3/17/11
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. Bending Plates 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>-0.1%</u>	Standard Deviation:	<u>1.6%</u>
Dynamic and Static Single Axle:	<u>-1.1%</u>	Standard Deviation:	<u>2.8%</u>
Dynamic and Static Double Axles:	<u>0.1%</u>	Standard Deviation:	<u>2.3%</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>62.0</u>	<u>66.0</u>	<u>14</u>
b. <u>Medium</u>	<u>66.1</u>	<u>70.1</u>	<u>13</u>
c. <u>High</u>	<u>70.2</u>	<u>74.0</u>	<u>13</u>
d. <u></u>	<u></u>	<u></u>	<u></u>
e. <u></u>	<u></u>	<u></u>	<u></u>

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10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 3414 3577

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>0.0</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: 0.0%

Validation Test Truck Run Set - Post

Person Leading Calibration Effort: Kevin Trousdale  
 Contact Information: Phone: 717-975-3550  
 E-mail: ktrousdale@ara.com

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**SITE CALIBRATION INFORMATION**

1. DATE OF CALIBRATION {mm/dd/yy} 3/16/11
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>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>-3.0%</u>	Standard Deviation: <u>1.4%</u>
Dynamic and Static Single Axle:	<u>-7.2%</u>	Standard Deviation: <u>2.5%</u>
Dynamic and Static Double Axles:	<u>-2.7%</u>	Standard Deviation: <u>3.9%</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>62.0</u>	to	<u>66.0</u>	<u>10</u>
b. <u>Medium</u>	-	<u>66.1</u>	to	<u>70.1</u>	<u>19</u>
c. <u>High</u>	-	<u>70.2</u>	to	<u>74.0</u>	<u>11</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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	SPS WIM ID:	080200
	DATE (mm/dd/yyyy)	3/16/2011

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 3435 | 3599

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:	0.0	FHWA Class 5	-	0.0
FHWA Class 8:	0.0	FHWA Class	-	
		FHWA Class	-	
		FHWA Class	-	

Percent of "Unclassified" Vehicles: 0.0%

Validation Test Truck Run Set - Pre

Person Leading Calibration Effort:	Kevin Trousdale		
Contact Information:	Phone:	717-975-3550	
	E-mail:	ktrousdale@ara.com	



<b>Traffic Sheet 17</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>WIM SITE INVENTORY</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011
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#### 10. CABINET LOCATION

Same side of road as LTPP lane: Y  
Distance from edge of traveled lane: 45 ft  
distance from system: 55 ft  
type: M

Cabinet access controlled by: Agency and LTPP  
Contact name: David Price Phone # 303-757-9976  
Alternate name: Liz Stoltz Phone # 303-757-9495

#### 11. POWER

Distance to cabinet from drop: 287 ft  
Type: AC  
AC in cabinet? Y  
Service provider: \_\_\_\_\_ Phone # \_\_\_\_\_

#### 12. TELEPHONE

Distance to cabinet from drop: 228 ft  
Type: landline  
Service provider: \_\_\_\_\_ Phone # \_\_\_\_\_

#### 13. SYSTEM

Software and version no. \_\_\_\_\_  
Computer connection: RS-232

#### 14. TEST TRUCK TURNAROUND TIME

Duration: 25 minutes Distance: 28 miles

#### 15. PHOTOS

**Filename**  
Power source: 080200\_power\_service\_box\_03\_16\_11.jpg  
Phone source: 080200\_telephone\_pedestal\_03\_16\_11.jpg  
Cabinet exterior: 080200\_cabinet\_exterior\_03\_16\_11.jpg  
Cabinet interior: 080200\_cabinet\_interior\_front\_03\_16\_11.jpg  
Weight sensors: 080200\_leading\_WIM\_sensor\_03\_16\_11.jpg  
080200\_trailing\_WIM\_sensor\_03\_16\_11.jpg  
Other sensors: 080200\_leading\_loop\_sensor\_03\_16\_11.jpg  
080200\_trailing\_loop\_sensor\_03\_16\_11.jpg  
Downstream from sensors on LTPP lane: 080200\_downstream\_03\_16\_11.jpg  
Upstream from sensors on LTPP lane: 080200\_upstream\_03\_16\_11.jpg

<b>Traffic Sheet 18</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>WIM SITE COORDINATION</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011
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### 1. DATA PROCESSING

- a. Download: LTPP download
- b. Data review: LTPP  
If state, how often? \_\_\_\_\_
- c. Data submission LTPP  
If state how often? \_\_\_\_\_

### 2. EQUIPMENT

- a. Purchase LTPP
- b. Installation Included with purchase
- c. Maintenance Contract with purchase  
Expiration Date \_\_\_\_\_
- d. Calibration LTPP
- e. Manuals and software control: LTPP
- f. Power  
i. Type Underground ii. Payment State
- g. Communication  
i. Type Landline ii. Payment State

### 3. PAVEMENT

- a. Type Portland Concrete Cement
- b. Allowable Rehabilitation activities Maintenance only
- c. Profile Site Markings Temporary

<b>Traffic Sheet 18</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>WIM SITE COORDINATION</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011
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#### 4. Onsite Activities

- a. WIM Validation Check advance notice required

\_\_\_\_\_ Days      2 Weeks

- b. Notice for straightedge and grinding check

\_\_\_\_\_ Days      2 Weeks

i. On site lead LTPP

ii. Accept grinding LTPP

- c. Authorization to calibrate site LTPP

- d. Calibration routine LTPP annually

Other: \_\_\_\_\_

- e. Test Vehicle Responsibilities

- i. Trucks

1st- Air suspension 3S2 LTPP

2nd- Air Suspension 3S2 LTPP

3rd- \_\_\_\_\_

4th- \_\_\_\_\_

ii. Loads LTPP

iii. Drivers LTPP

- f. Contractor(s) with prior experience in wim calibration in state:

\_\_\_\_\_

- g. Access to cabinet Joint

- h. State personel required on site No

- i. Traffic control required No

- J. Enforcement coordination required No



<b>Traffic Sheet 18</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>WIM SITE COORDINATION</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011
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## 5. SITE SPECIFIC CONDITIONS

- a. Funds and accountability: \_\_\_\_\_
- b. Reports: \_\_\_\_\_
- c. Other: \_\_\_\_\_
- c. Special Conditions \_\_\_\_\_

## 6. CONTACTS

- a. Equipment (operational status, access, etc.)  
Name Roy Czinku Phone # 306-653-6627  
Agency IRD
- b. Maintenance (equipment)  
Name Roy Czinku Phone # 306-653-6627  
Agency IRD
- c. Data Processing and pre-visit data  
Name Roy Czinku Phone # 306-653-6627  
Agency IRD
- d. Construction schedule and verification  
Name \_\_\_\_\_ Phone # \_\_\_\_\_  
Agency \_\_\_\_\_
- e. Test Vehicles ( trucks, loads, drivers)  
Name Jim Sweetman Phone # 303-289-2152  
Agency Sweetman Enterprises
- f. Traffic control  
Name \_\_\_\_\_ Phone # \_\_\_\_\_  
Agency \_\_\_\_\_
- g. Enforcement coordination  
Name \_\_\_\_\_ Phone # \_\_\_\_\_  
Agency \_\_\_\_\_
- h. Nearest static scale  
Name Love's Country Store Location: I-76, exit 31  
Phone: \_\_\_\_\_

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # 1</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011
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**CALIBRATION TEST TRUCK -** Primary

**PART A**

1. FHWA CLASS: 9                      2. Number of axles: 5

3. AXLE WEIGHTS (lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		10460	10110	Direct
B		16730	16485	Direct
C		16730	16485	Direct
D		16810	16815	Direct
E		16810	16815	Direct
F				

**4. GVW (same units as axles)**

a. Empty GVW: \_\_\_\_\_  
b. Average Pre-Test Loaded weight: 77540  
c. Post Test Loaded Weight: 76710  
d. Difference Post Test - Pre-Tests: 830

**5. TRUCK DESCRIPTION**

a. Tractor Cab Style: \_\_\_\_\_ Sleeper Cab: \_\_\_\_\_  
photo: ☒

b. Make: \_\_\_\_\_  
c. Model: \_\_\_\_\_

d. Trailer Load Distribution Description:

photo: ☒

e. Tractor Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
f. Trailer Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
g. Axle Spacing - \_\_\_\_\_

A to B 18.0    B to C 4.3    C to D 25.2    D to E 4.0    E to F \_\_\_\_\_

h. Wheelbase - ☐ Measured \_\_\_\_\_ ☒ Computed 51.5  
i. Kingpin offset from Axle B (units) 1.75 photo: ☐  
j. Overall Length - ☒ Measured 56

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 1</b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/16/2011</p>
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CALIBRATION TEST TRUCK - Primary

**6. SUSPENSION**

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A		steel spring	<input checked="" type="checkbox"/>
B		air	<input checked="" type="checkbox"/>
C		air	<input checked="" type="checkbox"/>
D		air	<input checked="" type="checkbox"/>
E		air	<input checked="" type="checkbox"/>
F			<input type="checkbox"/>

d. Cold Tire Pressures (psi)- from right to left

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F

**PART B**

**Table 1 - Raw Measurements -Platform Scale**

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I				
A+B	II				
A+B+C	III				
A+B+C+D	IV				
A+B+C+D+E(1)	V				
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII				
C+D+E+(F)	VIII				
D+E+(F)	IX				
E+(F)	X				
(F)	XI				
A+B+C+D+E+(F)(2)	XII				

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 1</b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/16/2011</p>
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**CALIBRATION TEST TRUCK -** Primary

**Table 2 - Axle and GVW Computations -Platform Scale Pre-test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 3- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 4- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 5- Axle and GVW Computations - Platform Scale Post-Test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # <u>1</u></b></p>	<p align="right">STATE CODE:       08  SPS WIM ID:       080200  DATE (mm/dd/yyyy)   3/16/2011</p>
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CALIBRATION TEST TRUCK - Primary

**Table 6 - Raw Data -Axle Scales - Pre-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	10480	16720	16720	16810	16810		77540
2	10440	16740	16740	16810	16810		77540
Avg.	10460	16730	16730	16810	16810		77540

**Table 7- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 8- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 9 - Raw Data -Axle Scales - Post-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	10140	16460	16460	16820	16820		76700
2	10080	16510	16510	16810	16810		76720
Avg.	10110	16485	16485	16815	16815		76710

Validation Test Truck Run Set - Pre

Measured By: Kevin Trousdale  
Verified By: \_\_\_\_\_

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # 2</b>	STATE CODE: 08
	SPS WIM ID: 080200
	DATE (mm/dd/yyyy) 3/16/2011

CALIBRATION TEST TRUCK - Secondary

**PART A**

1. FHWA CLASS: 9                      2. Number of axles: 5

3. AXLE WEIGHTS                      (lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		9850	9490	Direct
B		14070	13900	Direct
C		14070	13900	Direct
D		14850	14835	Direct
E		14850	14835	Direct
F				

**4. GVW (same units as axles)**

a. Empty GVW:                       
b. Average Pre-Test Loaded weight: 67690  
c. Post Test Loaded Weight: 66960  
d. Difference Post Test - Pre-Tests: 730

**5. TRUCK DESCRIPTION**

a. Tractor Cab Style:                                           Sleeper Cab:                       
photo: ☒

b. Make:                       
c. Model:                     

d. Trailer Load Distribution Description:

photo: ☒

e. Tractor Tare weight -                      -                       
f. Trailer Tare weight -                      -                       
g. Axle Spacing -                     

A to B 17.8    B to C 4.3    C to D 25.0    D to E 3.9    E to F                     

h. Wheelbase - ☐ Measured                                           ☒ Computed 51.0  
i. Kingpin offset from Axle B (units) 2.25                      photo: ☐  
j. Overall Length - ☒ Measured 56.25

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 2</b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/16/2011</p>
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CALIBRATION TEST TRUCK - Secondary

**6. SUSPENSION**

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A		steel spring	<input checked="" type="checkbox"/>
B		air	<input checked="" type="checkbox"/>
C		air	<input checked="" type="checkbox"/>
D		air	<input checked="" type="checkbox"/>
E		air	<input checked="" type="checkbox"/>
F			<input type="checkbox"/>

d. Cold Tire Pressures (psi)- from right to left

Steering Axle	Axle B	Axle C	AxleD	AxleE	Axle F

**PART B**

**Table 1 - Raw Measurements -Platform Scale**

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I				
A+B	II				
A+B+C	III				
A+B+C+D	IV				
A+B+C+D+E(1)	V				
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII				
C+D+E+(F)	VIII				
D+E+(F)	IX				
E+(F)	X				
(F)	XI				
A+B+C+D+E+(F)(2)	XII				

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 2</b></p>	<p>STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/16/2011</p>
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**CALIBRATION TEST TRUCK -** Secondary

**Table 2 - Axle and GVW Computations -Platform Scale Pre-test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 3- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 4- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 5- Axle and GVW Computations - Platform Scale Post-Test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0



<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # <u>2</u></b></p>	<p align="right">STATE CODE: <b>08</b>  SPS WIM ID: <b>080200</b>  DATE (mm/dd/yyyy) <b>3/16/2011</b></p>
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CALIBRATION TEST TRUCK - Secondary

**Table 6 - Raw Data -Axle Scales - Pre-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9860	14060	14060	14850	14850		67680
2	9840	14080	14080	14850	14850		67700
Avg.	9850	14070	14070	14850	14850		67690

**Table 7- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 8- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 9 - Raw Data -Axle Scales - Post-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9460	13940	13940	14820	14820		66980
2	9520	13860	13860	14850	14850		66940
Avg.	9490	13900	13900	14835	14835		66960

Validation Test Truck Run Set - Pre

**Measured By:** Kevin Trousdale

**Verified By:** \_\_\_\_\_

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # 1</b>	STATE CODE: 08
	SPS WIM ID: 080200
	DATE (mm/dd/yyyy) 3/17/2011

CALIBRATION TEST TRUCK - Primary

**PART A**

1. FHWA CLASS: 9 2. Number of axles: 5

3. AXLE WEIGHTS (lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		10480	0	Direct
B		16710	0	Direct
C		16710	0	Direct
D		16815	0	Direct
E		16815	0	Direct
F				

**4. GVW (same units as axles)**

a. Empty GVW: \_\_\_\_\_  
b. Average Pre-Test Loaded weight: 77530  
c. Post Test Loaded Weight: 0  
d. Difference Post Test - Pre-Tests: 77530

**5. TRUCK DESCRIPTION**

a. Tractor Cab Style: \_\_\_\_\_ Sleeper Cab: \_\_\_\_\_  
photo: ☒

b. Make: \_\_\_\_\_  
c. Model: \_\_\_\_\_

d. Trailer Load Distribution Description:

photo: ☒

e. Tractor Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
f. Trailer Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
g. Axle Spacing - \_\_\_\_\_

A to B 18.0 B to C 4.3 C to D 25.2 D to E 4.0 E to F \_\_\_\_\_

h. Wheelbase - ☐ Measured \_\_\_\_\_ ☒ Computed 51.5  
i. Kingpin offset from Axle B (units) 1.75 photo: ☐  
j. Overall Length - ☒ Measured 56

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # <u>1</u></b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/17/2011</p>
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CALIBRATION TEST TRUCK - Primary

**6. SUSPENSION**

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A		steel spring	<input checked="" type="checkbox"/>
B		air	<input checked="" type="checkbox"/>
C		air	<input checked="" type="checkbox"/>
D		air	<input checked="" type="checkbox"/>
E		air	<input checked="" type="checkbox"/>
F			<input type="checkbox"/>

d. Cold Tire Pressures (psi)- from right to left

Steering Axle	Axle B	Axle C	AxleD	AxleE	Axle F

**PART B**

**Table 1 - Raw Measurements -Platform Scale**

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I				
A+B	II				
A+B+C	III				
A+B+C+D	IV				
A+B+C+D+E(1)	V				
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII				
C+D+E+(F)	VIII				
D+E+(F)	IX				
E+(F)	X				
(F)	XI				
A+B+C+D+E+(F)(2)	XII				

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # <u>1</u></b></p>	<p align="right">STATE CODE:        08  SPS WIM ID:        080200  DATE (mm/dd/yyyy)    3/17/2011</p>
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**CALIBRATION TEST TRUCK -** Primary

**Table 2 - Axle and GVW Computations -Platform Scale Pre-test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 3- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 4- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 5- Axle and GVW Computations - Platform Scale Post-Test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # <u>1</u></b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/17/2011</p>
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CALIBRATION TEST TRUCK - Primary

**Table 6 - Raw Data -Axle Scales - Pre-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	10480	16720	16720	16810	16810		77540
2	10480	16700	16700	16820	16820		77520
Avg.	10480	16710	16710	16815	16815		77530

**Table 7- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 8- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 9 - Raw Data -Axle Scales - Post-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

Validation Test Truck Run Set - Cal 1

Measured By: Kevin Trousdale

Verified By: \_\_\_\_\_

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # 2</b>	STATE CODE: 08
	SPS WIM ID: 080200
	DATE (mm/dd/yyyy) 3/17/2011

**CALIBRATION TEST TRUCK -** Secondary

**PART A**

1. FHWA CLASS: 9                      2. Number of axles: 5

3. AXLE WEIGHTS (lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		9860	0	Direct
B		14045	0	Direct
C		14045	0	Direct
D		14845	0	Direct
E		14845	0	Direct
F				

**4. GVW (same units as axles)**

a. Empty GVW: \_\_\_\_\_  
b. Average Pre-Test Loaded weight: 67640  
c. Post Test Loaded Weight: 0  
d. Difference Post Test - Pre-Tests: 67640

**5. TRUCK DESCRIPTION**

a. Tractor Cab Style: \_\_\_\_\_ Sleeper Cab: \_\_\_\_\_  
photo: ☒

b. Make: \_\_\_\_\_  
c. Model: \_\_\_\_\_

d. Trailer Load Distribution Description:

photo: ☒

e. Tractor Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
f. Trailer Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
g. Axle Spacing - \_\_\_\_\_

A to B 17.8    B to C 4.3    C to D 25.0    D to E 3.9    E to F \_\_\_\_\_

h. Wheelbase - ☐ Measured \_\_\_\_\_ ☒ Computed 51.0  
i. Kingpin offset from Axle B (units) 2.25 photo: ☐  
j. Overall Length - ☒ Measured 56.25

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 2</b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/17/2011</p>
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CALIBRATION TEST TRUCK - Secondary

**6. SUSPENSION**

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A		steel spring	<input checked="" type="checkbox"/>
B		air	<input checked="" type="checkbox"/>
C		air	<input checked="" type="checkbox"/>
D		air	<input checked="" type="checkbox"/>
E		air	<input checked="" type="checkbox"/>
F			<input type="checkbox"/>

d. Cold Tire Pressures (psi)- from right to left

Steering Axle	Axle B	Axle C	AxleD	AxleE	Axle F

**PART B**

**Table 1 - Raw Measurements -Platform Scale**

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I				
A+B	II				
A+B+C	III				
A+B+C+D	IV				
A+B+C+D+E(1)	V				
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII				
C+D+E+(F)	VIII				
D+E+(F)	IX				
E+(F)	X				
(F)	XI				
A+B+C+D+E+(F)(2)	XII				

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 2</b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/17/2011</p>
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**CALIBRATION TEST TRUCK -** Secondary

**Table 2 - Axle and GVW Computations -Platform Scale Pre-test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 3- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 4- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 5- Axle and GVW Computations - Platform Scale Post-Test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0



<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # <u>2</u></b></p>	<p align="right">STATE CODE:       08  SPS WIM ID:       080200  DATE (mm/dd/yyyy)   3/17/2011</p>
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**CALIBRATION TEST TRUCK -**      Secondary

**Table 6 - Raw Data -Axle Scales - Pre-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9880	14040	14040	14840	14840		67640
2	9840	14050	14050	14850	14850		67640
Avg.	9860	14045	14045	14845	14845		67640

**Table 7- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 8- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 9 - Raw Data -Axle Scales - Post-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

Validation Test Truck Run Set - Cal 1

**Measured By:** Kevin Trousdale

**Verified By:** \_\_\_\_\_

<b>Traffic Sheet 19</b> <b>LTTP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # 1</b>	STATE CODE: 08
	SPS WIM ID: 080200
	DATE (mm/dd/yyyy) 3/17/2011

CALIBRATION TEST TRUCK - Primary

**PART A**

1. FHWA CLASS: 9                      2. Number of axles: 5

3. AXLE WEIGHTS                      (lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		10480	10110	Direct
B		16710	16485	Direct
C		16710	16485	Direct
D		16815	16800	Direct
E		16815	16800	Direct
F				

**4. GVW (same units as axles)**

a. Empty GVW:                       
b. Average Pre-Test Loaded weight: 77530  
c. Post Test Loaded Weight: 76680  
d. Difference Post Test - Pre-Tests: 850

**5. TRUCK DESCRIPTION**

a. Tractor Cab Style:                                           Sleeper Cab:                       
photo: ☒

b. Make:                       
c. Model:                     

**d. Trailer Load Distribution Description:**

stone

photo: ☒

e. Tractor Tare weight -                      -                       
f. Trailer Tare weight -                      -                       
g. Axle Spacing -                     

A to B 18.0    B to C 4.3    C to D 25.2    D to E 4.0    E to F                     

h. Wheelbase - ☐ Measured                                           ☒ Computed 51.5  
i. Kingpin offset from Axle B (units) 1.75                      photo: ☐  
j. Overall Length - ☒ Measured 56

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # <u>1</u></b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/17/2011
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CALIBRATION TEST TRUCK - Primary

## 6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A		steel spring	<input checked="" type="checkbox"/>
B		air	<input checked="" type="checkbox"/>
C		air	<input checked="" type="checkbox"/>
D		air	<input checked="" type="checkbox"/>
E		air	<input checked="" type="checkbox"/>
F			<input type="checkbox"/>

d. Cold Tire Pressures (psi)- from right to left

Steering Axle	Axle B	Axle C	AxleD	AxleE	Axle F

## PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I				
A+B	II				
A+B+C	III				
A+B+C+D	IV				
A+B+C+D+E(1)	V				
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII				
C+D+E+(F)	VIII				
D+E+(F)	IX				
E+(F)	X				
(F)	XI				
A+B+C+D+E+(F)(2)	XII				

<p align="center"><b>Traffic Sheet 19</b>  <b>LTTP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # <u>1</u></b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/17/2011</p>
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**CALIBRATION TEST TRUCK - Primary**

**Table 2 - Axle and GVW Computations -Platform Scale Pre-test**

	<b>1</b>		<b>2</b>		<b>Avg.</b>
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 3- Axle and GVW Computations - Platform Scale - Instance -**

	<b>1</b>		<b>2</b>		<b>Avg.</b>
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 4- Axle and GVW Computations - Platform Scale - Instance -**

	<b>1</b>		<b>2</b>		<b>Avg.</b>
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 5- Axle and GVW Computations - Platform Scale Post-Test**

	<b>1</b>		<b>2</b>		<b>Avg.</b>
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # <u>1</u></b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/17/2011
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CALIBRATION TEST TRUCK - Primary

**Table 6 - Raw Data -Axle Scales - Pre-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	10480	16720	16720	16810	16810		77540
2	10480	16700	16700	16820	16820		77520
Avg.	10480	16710	16710	16815	16815		77530

**Table 7- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 8- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 9 - Raw Data -Axle Scales - Post-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	10080	16490	16490	16800	16800		76660
2	10140	16480	16480	16800	16800		76700
Avg.	10110	16485	16485	16800	16800		76680

Validation Test Truck Run Set - Post

Measured By: Kevin Trousdale

Verified By: \_\_\_\_\_

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # 2</b>	STATE CODE: 08
	SPS WIM ID: 080200
	DATE (mm/dd/yyyy) 3/17/2011

CALIBRATION TEST TRUCK - Secondary

**PART A**

1. FHWA CLASS: 9                      2. Number of axles: 5

3. AXLE WEIGHTS (lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		9860	9530	Direct
B		14045	13885	Direct
C		14045	13885	Direct
D		14845	14825	Direct
E		14845	14825	Direct
F				

**4. GVW (same units as axles)**

a. Empty GVW: \_\_\_\_\_  
b. Average Pre-Test Loaded weight: 67640  
c. Post Test Loaded Weight: 66950  
d. Difference Post Test - Pre-Tests: 690

**5. TRUCK DESCRIPTION**

a. Tractor Cab Style: \_\_\_\_\_ Sleeper Cab: \_\_\_\_\_  
photo: ☒

b. Make: \_\_\_\_\_  
c. Model: \_\_\_\_\_

**d. Trailer Load Distribution Description:**

stone

photo: ☒

e. Tractor Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
f. Trailer Tare weight - \_\_\_\_\_ - \_\_\_\_\_  
g. Axle Spacing - \_\_\_\_\_

A to B 17.8    B to C 4.3    C to D 25.0    D to E 3.9    E to F \_\_\_\_\_

h. Wheelbase - ☐ Measured \_\_\_\_\_ ☒ Computed 51.0  
i. Kingpin offset from Axle B (units) 2.25 photo: ☐  
j. Overall Length - ☒ Measured 56.25

<b>Traffic Sheet 19</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>CALIBRATION TEST TRUCK # 2</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/17/2011
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CALIBRATION TEST TRUCK - Secondary

## 6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A		steel spring	<input checked="" type="checkbox"/>
B		air	<input checked="" type="checkbox"/>
C		air	<input checked="" type="checkbox"/>
D		air	<input checked="" type="checkbox"/>
E		air	<input checked="" type="checkbox"/>
F			<input type="checkbox"/>

d. Cold Tire Pressures (psi)- from right to left

Steering Axle	Axle B	Axle C	AxleD	AxleE	Axle F

## PART B

**Table 1 - Raw Measurements -Platform Scale**

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I				
A+B	II				
A+B+C	III				
A+B+C+D	IV				
A+B+C+D+E(1)	V				
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII				
C+D+E+(F)	VIII				
D+E+(F)	IX				
E+(F)	X				
(F)	XI				
A+B+C+D+E+(F)(2)	XII				

<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 2</b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/17/2011</p>
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**CALIBRATION TEST TRUCK -** Secondary

**Table 2 - Axle and GVW Computations -Platform Scale Pre-test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 3- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 4- Axle and GVW Computations - Platform Scale - Instance -**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0

**Table 5- Axle and GVW Computations - Platform Scale Post-Test**

	1		2		Avg.
<b>Axle A</b>	I	0	VI-VII	0	0
<b>Axle B</b>	II-I	0	VII-VIII	0	0
<b>Axle C</b>	III-II	0	VIII-IX	0	0
<b>Axle D</b>	IV-III	0	IX-X	0	0
<b>Axle E</b>	V-IV	0	X-XI	0	0
<b>Axle F</b>	VI-V		XI		
<b>GVW</b>	VI	0	XII	0	0



<p align="center"><b>Traffic Sheet 19</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>CALIBRATION TEST TRUCK # 2</b></p>	<p align="right">STATE CODE: 08  SPS WIM ID: 080200  DATE (mm/dd/yyyy) 3/17/2011</p>
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CALIBRATION TEST TRUCK - Secondary

**Table 6 - Raw Data -Axle Scales - Pre-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9880	14040	14040	14840	14840		67640
2	9840	14050	14050	14850	14850		67640
Avg.	9860	14045	14045	14845	14845		67640

**Table 7- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 8- Raw Data- Axle scales -**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
Avg.							

**Table 9 - Raw Data -Axle Scales - Post-test**

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9600	13860	13860	14840	14840		67000
2	9460	13910	13910	14810	14810		66900
Avg.	9530	13885	13885	14825	14825		66950

Validation Test Truck Run Set - Post

**Measured By:** Kevin Trousdale

**Verified By:** \_\_\_\_\_

<b>Traffic Sheet 20</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SPEED AND CLASSIFICATION STUDIES</b>					STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/17/2011				
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WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class	WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class
73	6	5970	73	6	62	9	6057	62	9
61	9	5971	62	9	68	5	6058	73	5
73	5	5974	72	5	62	9	6059	62	9
64	9	5981	65	9	68	9	6063	67	9
76	9	5983	75	9	69	9	6070	68	9
73	9	5987	73	9	64	9	6073	63	9
71	9	5988	71	9	77	9	6080	78	9
65	9	5989	65	9	64	6	6086	62	6
64	9	5993	65	9	65	5	6087	62	5
65	9	6001	64	9	74	10	6115	74	10
68	9	6007	68	9	69	9	6116	69	9
65	9	6019	66	9	68	9	6117	68	9
75	5	6021	73	5	67	9	6119	67	9
70	9	6027	72	9	65	11	6120	65	11
70	9	6028	69	9	75	5	6128	73	5
68	8	6029	67	8	65	9	6130	65	9
63	9	6034	63	9	67	9	6131	67	9
65	9	6041	65	9	64	9	6132	64	9
72	9	6043	72	9	75	6	6135	75	6
75	9	6044	74	9	64	9	6141	64	9
65	9	6047	68	9	61	6	6147	59	6
67	9	6048	66	9	72	9	6149	72	9
69	9	6049	68	9	65	9	6154	64	9
75	9	6052	74	9	64	5	6161	63	5
67	9	6053	67	9	69	9	6165	69	9

Sheet 1 - 0 to 50

Start: 9:29:00

Stop: 10:12:25

Recorded By: ar

Verified By: dw

Validation Test Truck Run Set - Post

<b>Traffic Sheet 20</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SPEED AND CLASSIFICATION STUDIES</b>					STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/17/2011	
--	--	--	--	--	---	--

WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class	WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class
70	9	6166	71	9	66	9	6317	65	9
64	9	6167	64	9	75	9	6319	75	9
68	9	6204	67	9	62	9	6326	61	9
70	5	6205	69	5	70	9	6330	70	9
73	5	6206	72	5	72	9	6332	71	9
64	9	6207	62	9	66	9	6337	66	9
75	9	6208	74	9	67	9	6348	66	9
75	9	6209	72	9	67	9	6352	68	9
65	9	6223	65	9	61	9	6353	61	9
65	8	6224	63	8	65	9	6385	64	9
53	6	6226	51	6	65	8	6386	64	8
81	5	6228	81	5	64	9	6391	64	9
74	5	6229	78	5	65	9	6395	66	9
57	6	6230	56	6	74	9	6398	73	9
74	9	6234	74	9	76	9	6399	74	9
74	9	6236	73	9	68	9	6401	68	9
78	9	6243	81	9	71	9	6404	76	9
70	5	6248	69	5	70	5	6411	70	5
73	9	6249	71	9	65	9	6412	65	9
74	9	6307	74	9	65	9	6413	64	9
59	5	6308	57	5	70	9	6415	72	9
59	9	6312	57	9	66	9	6416	67	9
68	9	6313	69	9	65	9	6425	71	9
66	5	6314	67	5	62	9	6426	62	9
60	9	6315	61	9	73	9	6427	71	9

Sheet 2 - 51 to 100

Start: 10:12:39

Stop: 11:12:53

Recorded By: ar

Verified By: dw

Validation Test Truck Run Set - Post

<b>Traffic Sheet 20</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SPEED AND CLASSIFICATION STUDIES</b>					STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011				
--	--	--	--	--	---	--	--	--	--

WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class	WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class
69	9	614	69	9	72	9	672	71	9
65	9	615	64	9	72	9	674	69	9
73	9	616	75	9	62	9	675	63	9
67	9	618	66	9	68	9	676	67	9
75	9	620	75	9	65	9	680	65	9
72	9	621	72	9	69	9	696	66	9
62	9	623	64	9	70	9	697	70	9
67	9	624	66	9	71	9	706	71	9
67	9	629	67	9	69	9	707	69	9
65	9	635	64	9	74	9	711	74	9
73	9	637	74	9	69	9	712	69	9
77	9	639	77	9	65	9	714	65	9
66	12	646	65	12	67	9	715	66	9
72	6	651	71	6	70	9	718	67	9
71	9	654	72	9	62	8	722	68	8
75	5	655	74	5	67	9	723	66	9
77	5	656	80	5	76	6	729	74	6
72	5	658	73	2	67	9	730	70	9
58	9	659	58	9	69	6	733	66	6
78	9	660	80	9	67	9	737	69	9
80	5	661	80	5	74	9	738	74	9
62	6	662	60	6	73	9	743	74	9
68	5	666	67	5	80	5	754	79	5
73	9	667	74	9	70	5	765	69	5
64	9	668	65	9	81	5	766	79	2

Sheet 1 - 0 to 50

Start: 14:50:00

Stop: 15:27:13

Recorded By: ar

Verified By: dw

Validation Test Truck Run Set - Pre

<p align="center"><b>Traffic Sheet 20</b></p> <p align="center"><b>LTPP MONITORED TRAFFIC DATA</b></p> <p align="center"><b>SPEED AND CLASSIFICATION STUDIES</b></p>	<p align="right">STATE CODE: 08</p> <p align="right">SPS WIM ID: 080200</p> <p align="right">DATE (mm/dd/yyyy) 3/16/2011</p>
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WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class	WIM speed	WIM class	WIM Record	Obs. Speed	Obs. Class
72	6	772	70	6	65	9	916	65	9
70	6	774	69	6	64	9	924	64	9
70	9	782	72	9	68	9	927	69	9
70	9	788	69	9	65	9	928	65	9
62	9	789	63	9	73	9	931	73	9
62	9	797	63	9	65	9	935	65	9
64	9	803	64	9	74	5	936	74	5
68	9	811	67	9	67	9	937	68	9
72	5	814	71	5	65	9	941	65	9
66	9	832	64	9	65	9	942	64	9
65	9	834	64	9	71	9	952	72	9
71	5	855	71	5	67	9	959	66	9
68	4	861	70	5	70	12	960	70	12
67	9	862	68	9	68	9	963	67	9
73	10	863	73	10	65	9	967	66	9
69	9	867	69	9	61	5	969	63	5
64	9	869	63	9	65	5	971	65	5
75	9	873	75	9	70	9	973	70	9
68	9	878	68	9	70	9	987	71	9
69	9	895	67	9	69	9	988	69	9
63	9	900	62	9	71	9	989	69	9
62	9	901	61	9	70	9	990	71	9
75	5	905	75	5	68	5	992	68	5
73	9	911	72	9	62	4	998	62	5
68	9	912	67	9	64	9	1002	64	9

Sheet 2 - 51 to 100

Start: 15:28:56

Stop: 16:26:43

Recorded By: \_\_\_\_\_ ar

Verified By: \_\_\_\_\_ dw

Validation Test Truck Run Set - Pre

<b>Traffic Sheet 21 (Wheel Load)</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>WIM SYSTEM TRUCK RECORDS</b>										STATE CODE: 08 SPS WIM ID: 080200 DATE: (mm/dd/yyyy): 3/16/2011									
---	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--

Pvmt Temp	Radar speed	Truck	Pass	Time	Record No.	WIM Speed	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW	A-B space	B-C space	C-D space	D - E space	E - F space	Axle Length	Overall Length
32.6	64	1	1	7:21:43	2535	64.0	10.1	16.3	16.0	16.4	15.3		74.0	17.8	4.3	25.1	4.0		51.2	59.0
32.6	65	2	1	7:21:55	2536	64.0	9.4	13.6	13.6	14.1	13.7		64.4	17.8	4.3	24.9	3.9		50.9	58.0
36.7	71	1	2	7:47:07	2573	69.0	9.7	16.3	15.9	16.6	16.5		75.0	17.7	4.3	25.0	3.9		50.9	59.0
36.7	71	2	2	7:47:17	2575	68.0	9.3	13.6	13.8	14.4	13.6		64.7	17.8	4.3	25.0	3.9		51.0	59.0
40.8	66	1	3	8:30:55	2656	66.0	9.9	16.2	15.9	16.3	16.2		74.9	17.8	4.3	25.1	3.9		51.1	59.0
40.8	66	2	3	8:31:00	2657	67.0	9.1	13.8	14.1	14.7	13.9		65.7	17.8	4.3	25.0	3.9		51.0	59.0
44.0	71	1	4	8:48:14	2693	68.0	9.5	16.7	17.0	17.1	15.6		76.0	17.7	4.3	25.1	4.0		51.1	58.0
44.0	71	2	4	8:48:21	2694	70.0	8.6	13.8	13.8	14.7	14.4		65.4	17.7	4.3	24.9	3.9		50.8	58.0
45.6	74	1	5	9:13:04	2739	74.0	9.4	16.1	15.5	15.6	16.9		73.4	17.7	4.3	25.1	3.9		51.0	59.0
45.6	73	2	5	9:13:17	2740	73.0	8.9	13.5	13.4	14.9	14.8		65.5	17.7	4.3	24.8	3.9		50.7	59.0
49.8	67	1	6	9:30:19	2781	67.0	9.6	16.4	16.0	16.3	17.2		75.7	17.7	4.3	25.1	3.9		51.0	58.0
49.8	64	2	6	9:30:31	2782	62.0	9.5	13.8	13.6	14.6	13.7		65.3	17.8	4.3	24.9	3.9		50.9	58.0
52.4	67	1	7	10:14:39	2901	68.0	9.4	16.3	16.0	16.9	15.8		74.4	17.7	4.3	25.2	3.9		51.1	59.0
52.4	66	2	7	10:14:43	2902	68.0	9.0	13.7	14.0	14.5	14.1		65.5	17.8	4.3	24.9	3.9		50.9	59.0
51.9	69	1	8	10:39:26	2954	69.0	9.5	16.6	16.4	17.3	17.5		77.4	17.7	4.3	25.1	3.9		51.0	58.0
51.9	69	2	8	10:39:28	2955	72.0	9.1	13.2	13.4	14.7	15.1		65.4	17.7	4.3	24.8	3.9		50.7	58.0
52.7	65	1	9	10:56:42	2986	65.0	9.8	16.4	16.3	17.0	16.2		75.8	17.7	4.3	25.1	3.9		51.0	59.0
52.7	67	2	9	10:56:47	2987	65.0	9.4	13.7	13.6	14.9	13.9		65.5	17.8	4.3	24.9	3.9		50.9	59.0
53.4	69	1	10	11:13:56	3020	68.0	9.5	16.8	16.4	16.6	16.9		76.1	17.7	4.3	25.1	3.9		51.0	58.0
53.4	69	2	10	11:13:59	3021	69.0	9.2	13.7	13.6	14.8	14.7		65.8	17.8	4.3	24.9	3.9		50.9	59.0
53.8	75	1	11	11:40:19	3084	73.0	9.4	16.2	16.1	15.8	16.2		73.8	17.7	4.3	25.0	3.9		50.9	58.0
53.8	73	2	11	11:40:24	3085	73.0	8.9	13.3	13.4	15.2	14.4		65.1	17.8	4.3	24.9	4.0		51.0	58.0
54.4	66	1	12	11:57:52	3122	65.0	9.3	16.3	15.9	15.4	15.2		72.2	17.7	4.3	25.1	3.9		51.0	59.0
54.4	70	2	12	11:57:57	3123	69.0	9.0	13.8	14.0	14.6	14.1		65.4	17.7	4.3	24.9	3.9		50.8	59.0

Recorded By: \_\_\_\_\_ ar \_\_\_\_\_

Verified By: \_\_\_\_\_ dw \_\_\_\_\_

Run Set \_\_\_\_\_ Pre \_\_\_\_\_

<b>Traffic Sheet 21 (Wheel Load)</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>WIM SYSTEM TRUCK RECORDS</b>										STATE CODE: 08 SPS WIM ID: 080200 DATE: (mm/dd/yyyy): 3/16/2011									
---	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--

Pvmt Temp	Radar speed	Truck	Pass	Time	Record No.	WIM Speed	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW	A-B space	B-C space	C-D space	D - E space	E - F space	Axle Length	Overall Length
63.4	69	1	13	13:18:33	3282	68.0	9.4	16.3	16.5	16.1	17.3		75.6	17.7	4.3	25.1	3.9		51.0	59.0
63.4	69	2	13	13:18:40	3283	68.0	8.7	13.7	13.7	14.3	13.9		64.3	17.8	4.3	25.0	3.9		51.0	59.0
66.4	74	1	14	13:43:21	3334	74.0	9.1	16.3	15.5	16.6	16.1		73.5	17.7	4.3	25.0	3.9		50.9	58.0
66.4	73	2	14	13:43:24	3335	73.0	8.8	13.6	13.1	15.3	15.3		66.1	17.8	4.3	24.9	3.9		50.9	59.0
67.7	66	1	15	14:00:38	3366	65.0	9.6	16.4	16.8	17.3	17.1		77.0	17.7	4.3	25.0	3.9		50.9	58.0
67.7	65	2	15	14:00:42	3367	64.0	8.8	13.4	14.0	13.6	14.1		63.9	17.7	4.3	24.9	3.9		50.8	58.0
67.0	70	1	16	14:17:54	3393	69.0	9.4	16.3	16.3	17.0	16.8		75.8	17.7	4.3	25.2	3.9		51.1	59.0
67.0	70	2	16	14:18:02	3394	69.0	9.0	13.7	13.8	15.7	14.9		66.6	17.7	4.3	24.9	4.0		50.9	59.0
72.7	68	1	17	15:01:41	3481	67.0	9.5	16.4	16.5	17.6	16.0		75.9	17.7	4.3	25.0	3.9		50.9	58.0
72.7	65	2	17	15:01:49	3482	65.0	9.3	13.4	13.8	14.1	14.1		64.6	17.8	4.3	24.9	3.9		50.9	58.0
73.2	71	1	18	15:18:53	3520	68.0	9.3	16.3	16.2	16.9	16.8		75.6	17.7	4.4	25.1	3.9		51.1	59.0
73.2	70	2	18	15:19:11	3522	68.0	8.9	13.6	13.6	15.3	14.0		65.5	17.7	4.3	24.8	3.9		50.7	58.0
74.3	75	1	19	15:44:31	3591	74.0	9.4	16.3	15.9	16.3	17.1		75.2	17.7	4.3	25.0	3.9		50.9	58.0
74.3	74	2	19	15:44:40	3593	73.0	8.7	13.5	13.4	14.1	14.7		64.4	17.7	4.3	24.9	3.9		50.8	58.0
69.5	74	1	20	16:08:58	3632	73.0	9.2	16.4	16.1	16.2	15.5		73.4	17.7	4.3	25.0	3.9		50.9	59.0
69.5	74	2	20	16:09:03	3633	73.0	8.7	#VALUE!	12.9	14.7	14.4		63.8	17.8	4.3	24.8	3.9		50.8	58.0

Recorded By: _____ ar _____	Verified By: _____ dw _____	Run Set _____ Pre _____
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Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS	STATE CODE:	08
	SPS WIM ID:	080200
	DATE: (mm/dd/yyyy):	3/17/2011

[illegible]

Recorded By: \_\_\_\_\_ ar

Verified By: dw

Run Set Cal 1



<b>Traffic Sheet 21 (Wheel Load)</b> <b>LTTP MONITORED TRAFFIC DATA</b> <b>WIM SYSTEM TRUCK RECORDS</b>										STATE CODE: 08 SPS WIM ID: 080200 DATE: (mm/dd/yyyy): 3/17/2011									
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Pvmt Temp	Radar speed	Truck	Pass	Time	Record No.	WIM Speed	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW	A-B space	B-C space	C-D space	D - E space	E - F space	Axle Length	Overall Length
35.0	63	1	2	7:47:51	5528	66.0	10.3	16.9	16.4	16.2	16.7		76.6	17.8	4.3	25.2	3.9		51.2	57.0
35.0	65	2	2	7:47:58	5529	65.0	9.6	14.0	14.4	13.8	13.9		65.8	17.8	4.3	25.1	3.9		51.1	56.0
35.4	68	1	3	8:05:12	5595	68.0	10.0	16.6	16.6	16.4	16.3		75.9	17.8	4.4	25.4	3.9		51.5	56.0
35.4	68	2	3	8:05:39	5560	68.0	9.5	13.5	13.6	14.1	13.7		64.3	17.9	4.4	25.1	4.0		51.4	57.0
41.5	73	1	4	8:30:13	5690	74.0	10.3	17.0	16.9	17.8	16.1		78.0	17.8	4.4	25.3	3.9		51.4	57.0
41.5	72	2	4	8:30:15	5691	73.0	9.7	13.5	13.7	15.6	14.7		67.2	17.8	4.3	25.0	4.0		51.1	57.0
44.4	64	1	5	8:47:33	5775	66.0	10.3	16.7	16.5	18.0	17.3		78.7	17.8	4.4	25.2	3.9		51.3	56.0
44.4	64	2	5	8:47:36	5776	65.0	10.2	14.3	14.3	15.0	15.0		68.8	17.8	4.4	25.1	3.9		51.2	56.0
46.3	66	1	6	9:05:00	5859	66.0	10.1	16.7	16.9	17.4	16.6		77.7	17.8	4.4	25.2	3.9		51.3	56.0
46.3	70	2	6	9:05:06	9860	68.0	9.4	14.2	14.0	14.7	14.3		66.5	17.8	4.4	25.2	4.0		51.4	56.0
54.8	73	1	7	9:56:02	6088	74.0	10.5	17.2	16.5	17.3	16.3		77.9	17.8	4.4	25.1	3.9		51.2	56.0
54.8	74	2	7	9:56:05	6089	74.0	10.0	13.9	13.7	14.6	14.7		66.9	17.9	4.4	25.0	3.9		51.2	56.0
58.2	64	1	8	10:13:51	6170	66.0	10.4	16.9	16.7	17.4	17.6		79.2	17.8	4.4	25.2	3.9		51.3	57.0
58.2	64	2	8	10:13:53	6171	65.0	10.3	13.7	14.0	15.0	14.2		67.3	17.8	4.3	25.0	4.0		51.1	56.0
60.8	65	1	9	10:31:33	6250	67.0	10.1	16.5	16.4	17.1	15.9		76.0	17.8	4.3	25.2	3.9		51.2	56.0
60.8	66	2	9	10:31:18	6251	69.0	9.3	14.0	14.1	14.4	14.1		66.0	17.8	4.4	25.1	4.0		51.3	57.0
66.6	75	1	10	10:56:03	6354	74.0	10.1	17.1	16.2	16.8	16.6		76.7	17.8	4.4	25.3	4.0		51.5	57.0
66.6	72	2	10	10:56:07	6355	73.0	9.4	13.7	13.8	15.3	14.5		66.7	17.9	4.4	25.1	4.0		51.4	56.0
67.8	68	1	11	11:30:41	6499	68.0	9.9	16.8	16.6	15.9	18.1		77.4	17.8	4.4	25.3	3.9		51.4	56.0
67.8	69	2	11	11:30:46	6500	69.0	9.9	14.2	14.3	13.9	14.2		66.6	17.8	4.3	25.1	3.9		51.1	57.0
69.7	73	1	12	11:57:20	6617	74.0	10.2	17.1	16.5	17.5	17.4		78.6	17.8	4.4	25.1	3.9		51.2	56.0
69.7	74	2	12	11:57:23	6618	73.0	9.4	13.8	13.8	16.0	14.4		67.4	17.8	4.4	25.0	4.0		51.2	56.0
75.1	64	1	13	12:14:47	6684	65.0	10.3	16.7	16.9	16.8	17.4		78.2	17.8	4.3	25.2	4.0		51.3	57.0
75.1	65	2	13	12:14:50	6685	65.0	9.5	13.9	14.4	15.0	14.1		67.0	17.8	4.3	25.0	4.0		51.1	57.0

Recorded By: \_\_\_\_\_ ar \_\_\_\_\_

Verified By: \_\_\_\_\_ dw \_\_\_\_\_

Run Set \_\_\_\_\_ Post \_\_\_\_\_

<b>Traffic Sheet 21 (Wheel Load)</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>WIM SYSTEM TRUCK RECORDS</b>										STATE CODE: 08 SPS WIM ID: 080200 DATE: (mm/dd/yyyy): 3/17/2011									
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Pvmt Temp	Radar speed	Truck	Pass	Time	Record No.	WIM Speed	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW	A-B space	B-C space	C-D space	D - E space	E - F space	Axle Length	Overall Length
74.9	66	1	14	12:32:05	6758	68.0	9.9	16.5	16.4	17.1	16.2		76.1	17.8	4.4	25.3	4.0		51.5	57.0
74.9	67	2	14	12:32:09	6579	68.0	9.8	13.9	14.2	15.0	14.2		67.2	17.8	4.3	25.0	4.0		51.1	57.0
77.5	74	1	15	12:56:56	6866	73.0	10.0	16.9	16.8	17.6	16.6		78.0	17.7	4.3	25.1	4.0		51.1	56.0
77.5	72	2	15	12:57:00	6867	72.0	9.3	13.9	13.8	15.4	14.4		67.0	17.8	4.4	25.1	4.0		51.3	57.0
75.9	66	1	16	13:15:27	6929	65.0	10.3	16.4	16.7	16.2	16.3		75.9	17.8	4.4	25.2	3.9		51.3	56.0
75.9	65	2	16	13:15:32	6930	65.0	9.8	14.0	14.6	14.8	14.3		64.7	17.8	4.3	25.0	3.9		51.0	56.0
76.0	64	1	17	13:32:50	7000	67.0	9.9	16.5	16.9	16.1	18.2		77.6	17.8	4.3	25.3	3.9		51.3	57.0
76.0	67	2	17	13:32:54	7001	69.0	9.5	14.1	14.0	14.9	14.7		67.1	17.8	4.4	25.0	3.9		51.1	57.0
78.9	73	1	18	13:57:44	7104	74.0	10.2	17.3	16.3	17.5	17.5		78.9	17.7	4.4	25.1	3.9		51.1	57.0
78.9	69	2	18	13:57:49	7105	70.0	9.6	13.9	14.4	14.6	14.4		67.0	17.8	4.4	25.1	4.0		51.3	57.0
74.7	64	1	19	14:15:19	7192	66.0	9.9	16.7	16.9	17.2	17.8		78.4	17.8	4.4	25.2	3.9		51.3	57.0
74.7	63	2	19	14:15:21	7193	62.0	10.2	13.8	14.2	14.5	14.2		66.8	17.9	4.4	25.1	4.0		51.4	57.0
70.9	67	1	20	14:32:36	7262	66.0	9.9	16.8	16.3	18.0	18.1		79.1	17.8	4.4	25.2	3.9		51.3	57.0
70.9	67	2	20	14:32:37	7263	68.0	9.2	14.1	14.3	14.7	15.1		67.3	17.8	4.3	25.0	3.9		51.0	57.0
67.3	73	1	21	14:57:15	7372	73.0	9.9	16.9	16.3	17.6	16.0		76.7	17.9	4.3	25.3	3.9		51.4	57.0
67.3	74	2	21	14:57:19	7373	72.0	9.2	13.5	13.8	14.9	15.5		67.1	17.9	4.4	25.1	3.9		51.3	56.0

Recorded By: _____ ar _____	Verified By: _____ dw _____	Run Set _____ Post _____
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<p align="center"><b>Traffic Sheet 22</b></p> <p align="center"><b>LTPP MONITORED TRAFFIC DATA</b></p> <p align="center"><b>SITE EQUIPMENT ASSESSMENT</b></p> <p align="center"><b>LTPP LANE ONLY</b></p>	<p>STATE CODE: 08</p> <p>SPS WIM ID: 080200</p> <p>STATE ASSIGNED ID 0</p> <p>DATE (mm/dd/yyyy) 3/16/2011</p>
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**9. IN ROAD SENSORS:**

Describe any deficiencies regarding the sensor installation. Indicate sensors that show any signs of being broken, severely worn, missing, removed, or loose. List photos on Sheet 24 for

the equipment is operating within the manufacturer's tolerances.

**TRUCK OBSERVATIONS**

- 10.** Indicate any irregular truck behaviors such as bouncing, swerving, or braking near the weighing area (within 40 meters). Note the distance from the weighing sensors.

A visual observation of the trucks as they approach, traverse, and leave the sensor area did not indicate any adverse dynamics that would affect the accuracy of the WIM system. The trucks appear to track down the center of the lane.

Minimum 15 minute or 35 truck sample video sample for pavement interaction deficiencies:

Tape Filename: \_\_\_\_\_

Time: From: \_\_\_\_\_ To: \_\_\_\_\_

<p align="center"><b>Traffic Sheet 22</b>  <b>LTPP MONITORED TRAFFIC DATA</b>  <b>SITE EQUIPMENT ASSESSMENT</b>  <b>LTPP LANE ONLY</b></p>	<p>STATE CODE: 08  SPS WIM ID: 080200  STATE ASSIGNED ID 0  DATE (mm/dd/yyyy) 3/16/2011</p>
--	---

**11. CLASSIFICATION VERIFICATION VIDEO:**

TAPE 1- NAME: \_\_\_\_\_

Interval	Filename	From	To
1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____

TAPE 2- NAME: \_\_\_\_\_

Interval	Filename	From	To
1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____

TAPE 3- NAME: \_\_\_\_\_

Interval	Filename	From	To
1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____

<b>Traffic Sheet 22</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE EQUIPMENT ASSESSMENT</b> <b>LTPP LANE ONLY</b>	STATE CODE: 08 SPS WIM ID: 080200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/16/2011
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### SYSTEM ACCURACY TESTS

#### 12. CONDUCT THE FOLLOWING SYSTEM ACCURACY TESTS EITHER ON- SITE OR IN OFFICE

Speed Accuracy - Complete Sheet 20 and attach.

Average radar speed	<u>68.7</u> mph	Average WIM Speed	<u>68.7</u> mph
Mean Difference	<u>0.1</u> mph	SD of mean	<u>1.4</u>
Posted Speed Limit	<u>75</u> mph		
Speed Range	15th percentile - <u>64</u> mph	85th percentile-	<u>76</u> mph

Spacing and Weight - Complete Sheet 21 and attach.

Average distance between axles of drive tandem		<u>          </u> feet	
% error from 4.25 ft (industry average)	OR	<u>4.30</u> ft (WIM system average)	
= <u>1.2</u> %			
Average front axle weight for Class 9 vehicles		<u>          </u> lbs	
% error from 10.3 kips (industry average) OR		<u>9.3</u> lbs (known site value)	
= <u>-10.1</u> %			

### SUPPORT EQUIPMENT STRUCTURES

17. Indicate any deficiencies with any site equipment other than the in-road sensors. List all photos on the Sheet 24 for each occurrence.

Cabinet/Foundation None ☒

no cabinet or foundation deficiencies

Pull Boxes None ☒

no pull box deficiencies

Mast None ☒

no service mast deficiencies

Solar Panels None ☒

no solar panel deficiencies

<b>Traffic Sheet 22</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE EQUIPMENT ASSESSMENT</b> <b>LTPP LANE ONLY</b>	STATE CODE: 08 SPS WIM ID: 080200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/16/2011
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Telephone D-Mark Box None ☒

no telephone d-mark box deficiencies

Power Service Box None ☒

no power service box deficiencies

Grounding None ☒

no grounding deficiencies

Conduit None ☒

no conduit deficiencies

#### STATIC AND DYNAMIC ELECTRONIC EQUIPMENT TESTS

18. Complete and attach a Sheet 22 addendum applicable to the installed road equipment.

#### ADDITIONAL COMMENTS

All values for the WIM sensors and inductive loops were within tolerances. Electronic tests of the power and communication devices indicated that they were operating normally.

Assessor \_\_\_\_\_

<b>Traffic Sheet 22 Addendum - Weighpad</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE EQUIPMENT ASSESSMENT</b> <b>LTPP LANE ONLY</b>	STATE CODE:	08
	SPS WIM ID:	080200
	STATE ASSIGNED ID	0
	DATE (mm/dd/yyyy)	3/16/2011

STATIC EQUIPMENT VALUES (SYSTEM OFF)

**1. POWER**

a. Solar Panel		WATTS		VDC
b. Equipment Power	123.2	VAC		VDC
c. Battery 1	13.49	VDC		
d. Battery 2		VDC		
e. Regulated		VDC		
f. Power Supply	13.5	VDC	13.52	VDC
g. System Input	123.6	VAC	11.79	VDC
h. Modem Power		VAC		VDC
i. Telephone	49.2	VDC		

**2. LOOP SENSORS**

	Resistance	Inductance	Shield
a. Leading	0.6 $\Omega$	144 $\mu h$	inf $M\Omega$
b. Trailing	0.6 $\Omega$	143 $\mu h$	inf $M\Omega$

**3. WEIGHPAD SENSORS**

	Input	Output	Shield
a. Leading	983 $\Omega$	846 $\Omega$	inf $\Omega$
b. Trailing	982 $\Omega$	846 $\Omega$	inf $\Omega$

DYNAMIC EQUIPMENT VALUES (SYSTEM ON)

**4. LOOP SENSORS**

	Frequency
a. Leading	30.9 KHz
b. Trailing	20.5 KHz

**5. WEIGHPAD SENSORS**

	Zero Point
a. Leading	0.01 mV
b. Trailing	-0.02 mV

Assessor Kevin Trousdale



<b>Traffic Sheet 24A</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE PHOTO LOG - Equipment</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011
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Item	Description	Filename
1	Power Source	080200_power_service_box_03_16_11.jpg
2	Telephone Source	080200_telephone_pedestal_03_16_11.jpg
3	Cabinet Exterior	080200_cabinet_exterior_03_16_11.jpg
4	Cabinet Interior	080200_cabinet_interior_front_03_16_11.jpg
5	Leading weight sensor	080200_leading_WIM_sensor_03_16_11.jpg
6	Trailing weight sensor	080200_trailing_WIM_sensor_03_16_11.jpg
7	Leading classification sensor	
8	Trailing classification sensor	
9	Leading loop sensor	080200_leading_loop_sensor_03_16_11.jpg
10	Trailing loop sensor	080200_trailing_loop_sensor_03_16_11.jpg
11	Downstream from site	080200_downstream_03_16_11.jpg
12	Upstream from site	080200_upstream_03_16_11.jpg
13	Cabinet Interior - Rear	080200_cabinet_interior_rear_03_16_11.jpg
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
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29		
30		

RECORDED BY: \_\_\_\_\_ Dean J. Wolf

<b>Traffic Sheet 24B</b> <b>LTPP MONITORED TRAFFIC DATA</b> <b>SITE PHOTO LOG - Test Trucks</b>	STATE CODE: 08 SPS WIM ID: 080200 DATE (mm/dd/yyyy) 3/16/2011
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Item	Description	Filename
1	Tractor, Truck #1	080200_Truck_1_Tractor_03_16_11.jpg
2	Trailer/Load, Truck #1	080200_Truck_1_Trailer_03_16_11.jpg
3	Kingpin Offset, Truck #1	
4	Suspension A, Truck #1	080200_Truck_1_Suspension_1_03_16_11.jpg
5	Suspension B, Truck #1	080200_Truck_1_Suspension_2_03_16_11.jpg
6	Suspension C, Truck #1	080200_Truck_1_Suspension_3_03_16_11.jpg
7	Suspension D, Truck #1	080200_Truck_1_Suspension_4_03_16_11.jpg
8	Suspension E, Truck #1	080200_Truck_1_Suspension_5_03_16_11.jpg
9	Suspension F, Truck #1	
10	Tractor, Truck #2	080200_Truck_2_Tractor_03_16_11.jpg
11	Trailer/Load, Truck #2	080200_Truck_2_Trailer_03_16_11.jpg
12	Kingpin Offset, Truck #2	
13	Suspension A, Truck #2	080200_Truck_2_Suspension_1_03_16_11.jpg
14	Suspension B, Truck #2	080200_Truck_2_Suspension_2_03_16_11.jpg
15	Suspension C, Truck #2	080200_Truck_2_Suspension_3_03_16_11.jpg
16	Suspension D, Truck #2	080200_Truck_2_Suspension_4_03_16_11.jpg
17	Suspension E, Truck #2	080200_Truck_2_Suspension_5_03_16_11.jpg
18	Suspension F, Truck #2	
19	Tractor, Truck #3	
20	Trailer/Load, Truck #3	
21	Kingpin Offset, Truck #3	
22	Suspension A, Truck #3	
23	Suspension B, Truck #3	
24	Suspension C, Truck #3	
25	Suspension D, Truck #3	
26	Suspension E, Truck #3	
27	Suspension F, Truck #3	
28	Scale	
29		
30		

RECORDED BY: \_\_\_\_\_ Dean J Wolf