

Traffic Sheet 17 LTPP MONITORED TRAFFIC DATA WIM SITE INVENTORY	STATE CODE:	20
	SPS WIM ID:	200200
	DATE (mm/dd/yyyy)	12/21/2010

10. CABINET LOCATION

Same side of road as LTPP lane: Y
 Distance from edge of traveled lane: 72 ft
 distance from system: 78 ft
 type: M

Cabinet access controlled by: Agency and LTPP

Contact name: Roy Czinku Phone # 306-653-6627
 Alternate name: Bill Hughes Phone # 785-296-6863

11. POWER

Distance to cabinet from drop: 440 ft
 Type: AC
 AC in cabinet? Y
 Service provider: _____ Phone # _____

12. TELEPHONE

Distance to cabinet from drop: 1 ft
 Type: landline
 Service provider: _____ Phone # _____

13. SYSTEM

Software and version no. iSINC
 Computer connection: RS-232

14. TEST TRUCK TURNAROUND TIME

Duration: 12 minutes Distance: 7.6 miles

15. PHOTOS

Filename

Power source: 200200_power_meter_12_21_10.jpg
 Phone source: 200200_telephone_drop_12_21_10.jpg
 Cabinet exterior: 200200_cabinet_exterior_12_21_10.jpg
 Cabinet interior: 200200_cabinet_interior_front_12_21_10.jpg
 Weight sensors: 200200_leading_WIM_sensor_12_21_10.jpg
 200200_trailing_WIM_sensor_12_21_10.jpg
 Other sensors: 200200_leading_loop_12_21_10.jpg
 200200_trailing_loop_12_21_10.jpg
 Downstream from sensors on LTPP lane: 200200_downstream_12_21_10.jpg
 Upstream from sensors on LTPP lane: 200200_upstream_12_21_10.jpg

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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1. DATA PROCESSING

- a. Download: LTPP download and copy to state
- 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 Separate contract LTPP
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 Always new
- c. Profile Site Markings Temporary

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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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

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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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 Basel Abukhater Phone # 716-632-0804
Agency Stantec
- d. Construction schedule and verification
Name Bill Hughes Phone # 785-296-6863
Agency KS DOT
- e. Test Vehicles (trucks, loads, drivers)
Name Nathan Phone # 785-263-7275
Agency DeBruce Grain
- f. Traffic control
Name _____ Phone # _____
Agency _____
- g. Enforcement coordination
Name _____ Phone # _____
Agency _____
- h. Nearest static scale
Name DeBruce Grain Location: Abilene, KS
Phone: 785-263-7275

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 20
	SPS WIM ID: 200200
	DATE (mm/dd/yyyy) 12/21/2010

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		11135	10980	Calculated
B		16260	15870	Calculated
C		16900	17120	Calculated
D		15470	15620	Calculated
E		16875	16730	Calculated
F				

4. GVW (same units as axles)

a. Empty GVW: _____
b. Average Pre-Test Loaded weight: 76650
c. Post Test Loaded Weight: 76320
d. Difference Post Test - Pre-Tests: 330

5. TRUCK DESCRIPTION

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

b. Make: Mack
c. Model: unknown

d. Trailer Load Distribution Description:

grain loaded evenly along the trailer

photo: ☒

e. Tractor Tare weight - _____ - _____
f. Trailer Tare weight - _____ - _____
g. Axle Spacing - (feet and tenths)

A to B 19.5 B to C 4.3 C to D 31.2 D to E 4.0 E to F _____

h. Wheelbase - ☐ Measured _____ ☒ Computed 59.0
i. Kingpin offset from Axle B (units) 1'4" photo: ☐
j. Overall Length - ☒ Measured 63.5



Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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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	11R24.5	steel spring	☒
B	285/75R24.5	air	☒
C	285/75R24.5	air	☒
D	445/50R22.5	air	☒
E	445/50R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
93.1	96.7	91.3	112.1	113.3	
90.8	94.6	92.1	120.4	119.4	
	96.6	94.4	116.5	118.4	
	99.7	106.4	115.3	114.7	

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	11140			10960
A+B	II	27360			26860
A+B+C	III	44280			43940
A+B+C+D	IV	59780			59360
A+B+C+D+E(1)	V	76640			76320
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII	65510			65320
C+D+E+(F)	VIII	49210			49480
D+E+(F)	IX	32330			32320
E+(F)	X	16890			16500
(F)	XI				
A+B+C+D+E+(F)(2)	XII	76660			76320

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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CALIBRATION TEST TRUCK - Primary

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

	1		2		Avg.
Axle A	I	11140	VI-VII	11130	11135
Axle B	II-I	16220	VII-VIII	16300	16260
Axle C	III-II	16920	VIII-IX	16880	16900
Axle D	IV-III	15500	IX-X	15440	15470
Axle E	V-IV	16860	X-XI	16890	16875
Axle F	VI-V		XI		
GVW	VI	76640	XII	76660	76650

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

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

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

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

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

	1		2		Avg.
Axle A	I	10960	VI-VII	11000	10980
Axle B	II-I	15900	VII-VIII	15840	15870
Axle C	III-II	17080	VIII-IX	17160	17120
Axle D	IV-III	15420	IX-X	15820	15620
Axle E	V-IV	16960	X-XI	16500	16730
Axle F	VI-V		XI		
GVW	VI	76320	XII	76320	76320

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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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							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Validation Test Truck Run Set - Pre

Measured By: Dean J. Wolf

Verified By: Kevin Trousdale

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20
	SPS WIM ID: 200200
	DATE (mm/dd/yyyy) 12/21/2010

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		10905	10680	Calculated
B		13650	13690	Calculated
C		13290	13310	Calculated
D		14020	13990	Calculated
E		14375	14230	Calculated
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 66260
- c. Post Test Loaded Weight: 65900
- d. Difference Post Test - Pre-Tests: 360

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: Yes
photo: ☒

- b. Make: Mack
- c. Model: unknown

- d. Trailer Load Distribution Description:

grain loaded evenly along the trailer

photo: ☒

- e. Tractor Tare weight - _____ - _____
- f. Trailer Tare weight - _____ - _____
- g. Axle Spacing - (feet and tenths)

A to B 19.5 B to C 4.3 C to D 31.6 D to E 4.0 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 59.4
- i. Kingpin offset from Axle B (units) 1'8" photo: ☐
- j. Overall Length - ☒ Measured 64



Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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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	11R24.5	steel spring	☒
B	11R24.5	air	☒
C	11R24.5	air	☒
D	11R24.5	air	☒
E	11R24.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
113.6	112.0	91.2	106.5	103.9	
112.6	112.0	92.9	109.6	103.9	
	100.4	90.4	108.6	103.7	
	85.2	94.9	100.6	100.4	

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	10980			10680
A+B	II	24600			24340
A+B+C	III	37900			37720
A+B+C+D	IV	52040			51700
A+B+C+D+E(1)	V	66240			65900
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII	55410			55220
C+D+E+(F)	VIII	41730			41500
D+E+(F)	IX	28450			28260
E+(F)	X	14550			14260
(F)	XI				
A+B+C+D+E+(F)(2)	XII	66280			65900

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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CALIBRATION TEST TRUCK - Secondary

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

	1		2		Avg.
Axle A	I	10980	VI-VII	10830	10905
Axle B	II-I	13620	VII-VIII	13680	13650
Axle C	III-II	13300	VIII-IX	13280	13290
Axle D	IV-III	14140	IX-X	13900	14020
Axle E	V-IV	14200	X-XI	14550	14375
Axle F	VI-V		XI		
GVW	VI	66240	XII	66280	66260

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

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

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

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

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

	1		2		Avg.
Axle A	I	10680	VI-VII	10680	10680
Axle B	II-I	13660	VII-VIII	13720	13690
Axle C	III-II	13380	VIII-IX	13240	13310
Axle D	IV-III	13980	IX-X	14000	13990
Axle E	V-IV	14200	X-XI	14260	14230
Axle F	VI-V		XI		
GVW	VI	65900	XII	65900	65900

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>2</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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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							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Validation Test Truck Run Set - Pre

Measured By: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 20
	SPS WIM ID: 200200
	DATE (mm/dd/yyyy) 12/22/2010

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		11040	0	Calculated
B		16910	0	Calculated
C		16810	0	Calculated
D		15270	0	Calculated
E		15970	0	Calculated
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 76000
- c. Post Test Loaded Weight: 0
- d. Difference Post Test - Pre-Tests: 76000

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: Yes
photo: ☒

- b. Make: Mack
c. Model: unknown

d. Trailer Load Distribution Description:

grain loaded evenly along the trailer

photo: ☒

- e. Tractor Tare weight - _____ - _____
- f. Trailer Tare weight - _____ - _____
- g. Axle Spacing - (feet and tenths)

A to B 19.5 B to C 4.3 C to D 31.2 D to E 4.0 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 59.0
- i. Kingpin offset from Axle B (units) 1'4" photo: ☐
- j. Overall Length - ☒ Measured 63.5



Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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	11R24.5	steel spring	☒
B	285/75R24.5	air	☒
C	285/75R24.5	air	☒
D	445/50R22.5	air	☒
E	445/50R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
93.1	96.7	91.3	112.1	113.3	
90.8	94.6	92.1	120.4	119.4	
	96.6	94.4	116.5	118.4	
	99.7	106.4	115.3	114.7	

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	11060			
A+B	II	28040			
A+B+C	III	44780			
A+B+C+D	IV	59900			
A+B+C+D+E(1)	V	76000			
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII	64980			
C+D+E+(F)	VIII	48140			
D+E+(F)	IX	31260			
E+(F)	X	15840			
(F)	XI				
A+B+C+D+E+(F)(2)	XII	76000			

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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CALIBRATION TEST TRUCK - Primary

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

	1		2		Avg.
Axle A	I	11060	VI-VII	11020	11040
Axle B	II-I	16980	VII-VIII	16840	16910
Axle C	III-II	16740	VIII-IX	16880	16810
Axle D	IV-III	15120	IX-X	15420	15270
Axle E	V-IV	16100	X-XI	15840	15970
Axle F	VI-V		XI		
GVW	VI	76000	XII	76000	76000

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

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

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

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

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

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

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Validation Test Truck Run Set - Cal 1

Measured By: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20
	SPS WIM ID: 200200
	DATE (mm/dd/yyyy) 12/22/2010

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		10980	0	Calculated
B		14910	0	Calculated
C		14940	0	Calculated
D		12170	0	Calculated
E		12300	0	Calculated
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 65300
- c. Post Test Loaded Weight: 0
- d. Difference Post Test - Pre-Tests: 65300

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: Yes
photo: ☒

- b. Make: Mack
c. Model: unknown

- d. Trailer Load Distribution Description:

grain loaded evenly along the trailer

 photo: ☒

- e. Tractor Tare weight - _____ - _____
- f. Trailer Tare weight - _____ - _____
- g. Axle Spacing - (feet and tenths)

A to B 19.5 B to C 4.3 C to D 31.6 D to E 4.0 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 59.4
- i. Kingpin offset from Axle B (units) 1'8" photo: ☐
- j. Overall Length - ☒ Measured 64



Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>2</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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	11R24.5	steel spring	☒
B	11R24.5	air	☒
C	11R24.5	air	☒
D	11R24.5	air	☒
E	11R24.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
113.6	112.0	91.2	106.5	103.9	
112.6	112.0	92.9	109.6	103.9	
	100.4	90.4	108.6	103.7	
	85.2	94.9	100.6	100.4	

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	11040			
A+B	II	26040			
A+B+C	III	40860			
A+B+C+D	IV	53120			
A+B+C+D+E(1)	V	65300			
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII	54380			
C+D+E+(F)	VIII	39560			
D+E+(F)	IX	24500			
E+(F)	X	12420			
(F)	XI				
A+B+C+D+E+(F)(2)	XII	65300			

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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CALIBRATION TEST TRUCK - Secondary

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

	1		2		Avg.
Axle A	I	11040	VI-VII	10920	10980
Axle B	II-I	15000	VII-VIII	14820	14910
Axle C	III-II	14820	VIII-IX	15060	14940
Axle D	IV-III	12260	IX-X	12080	12170
Axle E	V-IV	12180	X-XI	12420	12300
Axle F	VI-V		XI		
GVW	VI	65300	XII	65300	65300

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

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

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

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

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

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

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>2</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Validation Test Truck Run Set - Cal 1

Measured By: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 20
	SPS WIM ID: 200200
	DATE (mm/dd/yyyy) 12/22/2010

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		11040	10910	Calculated
B		16910	16530	Calculated
C		16810	16980	Calculated
D		15270	15390	Calculated
E		15970	15910	Calculated
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 76000
- c. Post Test Loaded Weight: 75720
- d. Difference Post Test - Pre-Tests: 280

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: Yes
photo: ☒

- b. Make: _____
- c. Model: _____

d. Trailer Load Distribution Description:

grain loaded evenly along the trailer

photo: ☒

- e. Tractor Tare weight - _____ - _____
- f. Trailer Tare weight - _____ - _____
- g. Axle Spacing - (feet and tenths)

A to B 19.5 B to C 4.3 C to D 31.2 D to E 4.0 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 59.0
- i. Kingpin offset from Axle B (units) 1'4" photo: ☐
- j. Overall Length - ☒ Measured 63.5

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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	11R24.5	steel spring	☒
B	285/75R24.5	air	☒
C	285/75R24.5	air	☒
D	445/50R22.5	air	☒
E	445/50R22.5	air	☒
F			☐

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	11060			10920
A+B	II	28040			27440
A+B+C	III	44780			44440
A+B+C+D	IV	59900			59820
A+B+C+D+E(1)	V	76000			75720
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII	64980			64820
C+D+E+(F)	VIII	48140			48280
D+E+(F)	IX	31260			31320
E+(F)	X	15840			15920
(F)	XI				
A+B+C+D+E+(F)(2)	XII	76000			75720

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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CALIBRATION TEST TRUCK - Primary

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

	1		2		Avg.
Axle A	I	11060	VI-VII	11020	11040
Axle B	II-I	16980	VII-VIII	16840	16910
Axle C	III-II	16740	VIII-IX	16880	16810
Axle D	IV-III	15120	IX-X	15420	15270
Axle E	V-IV	16100	X-XI	15840	15970
Axle F	VI-V		XI		
GVW	VI	76000	XII	76000	76000

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

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

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

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

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

	1		2		Avg.
Axle A	I	10920	VI-VII	10900	10910
Axle B	II-I	16520	VII-VIII	16540	16530
Axle C	III-II	17000	VIII-IX	16960	16980
Axle D	IV-III	15380	IX-X	15400	15390
Axle E	V-IV	15900	X-XI	15920	15910
Axle F	VI-V		XI		
GVW	VI	75720	XII	75720	75720

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Validation Test Truck Run Set - Post

Measured By: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20
	SPS WIM ID: 200200
	DATE (mm/dd/yyyy) 12/22/2010

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		10980	10840	Calculated
B		14910	14820	Calculated
C		14940	14970	Calculated
D		12170	12180	Calculated
E		12300	12170	Calculated
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 65300
- c. Post Test Loaded Weight: 64980
- d. Difference Post Test - Pre-Tests: 320

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: Yes
photo: ☒

- b. Make: _____
- c. Model: _____

d. Trailer Load Distribution Description:

grain loaded evenly along the trailer

photo: ☒

- e. Tractor Tare weight - _____ - _____
- f. Trailer Tare weight - _____ - _____
- g. Axle Spacing - (feet and tenths)

A to B 19.5 B to C 4.3 C to D 31.6 D to E 4.0 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 59.4
- i. Kingpin offset from Axle B (units) 1'8" photo: ☐
- j. Overall Length - ☒ Measured 64

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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	11R24.5	steel spring	☒
B	11R24.5	air	☒
C	11R24.5	air	☒
D	11R24.5	air	☒
E	11R24.5	air	☒
F			☐

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	11040			10860
A+B	II	26040			25980
A+B+C	III	40860			40640
A+B+C+D	IV	53120			52900
A+B+C+D+E(1)	V	65300			64980
A+B+C+D+E+(F)(1)	VI				
B+C+D+E+(F)	VII	54380			54160
C+D+E+(F)	VIII	39560			39640
D+E+(F)	IX	24500			24360
E+(F)	X	12420			12260
(F)	XI				
A+B+C+D+E+(F)(2)	XII	65300			64980

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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CALIBRATION TEST TRUCK - Secondary

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

	1		2		Avg.
Axle A	I	11040	VI-VII	10920	10980
Axle B	II-I	15000	VII-VIII	14820	14910
Axle C	III-II	14820	VIII-IX	15060	14940
Axle D	IV-III	12260	IX-X	12080	12170
Axle E	V-IV	12180	X-XI	12420	12300
Axle F	VI-V		XI		
GVW	VI	65300	XII	65300	65300

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

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

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

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

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

	1		2		Avg.
Axle A	I	10860	VI-VII	10820	10840
Axle B	II-I	15120	VII-VIII	14520	14820
Axle C	III-II	14660	VIII-IX	15280	14970
Axle D	IV-III	12260	IX-X	12100	12180
Axle E	V-IV	12080	X-XI	12260	12170
Axle F	VI-V		XI		
GVW	VI	64980	XII	64980	64980

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>2</u>	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/22/2010
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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							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1							
2							
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Validation Test Truck Run Set - Post

Measured By: _____

Verified By: _____

Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS										STATE CODE: 20 SPS WIM ID: 200200 DATE: (mm/dd/yyyy): 12/21/2010									
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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
24.6	59	2	1	7:55:47	25089	60.0	10.9	13.9	14.2	14.8	15.0		68.8	19.5	4.3	31.4	4.0		59.2	66.0
24.6	59	1	1	7:55:51	25090	59.0	11.3	17.4	17.0	16.9	17.0		79.6	19.4	4.3	31.1	4.0		58.8	66.0
24.9	64	2	2	8:08:56	25156	65.0	11.0	14.1	13.9	14.7	14.7		68.4	19.4	4.3	31.4	4.0		59.1	66.0
24.9	64	1	2	8:08:59	25157	64.0	11.5	17.2	16.7	16.5	16.6		78.6	19.5	4.4	31.3	4.0		59.2	66.0
23.3	62	2	3	8:21:42	25224	62.0	11.7	14.0	13.6	14.6	14.7		68.4	19.6	4.4	31.6	4.1		59.7	67.0
23.3	69	1	3	8:21:45	25225	69.0	11.0	17.3	16.8	16.0	16.0		77.2	19.5	4.3	31.2	4.1		59.1	66.0
22.5	60	2	4	8:34:49	25296	60.0	10.9	14.1	13.8	14.6	14.8		68.3	19.5	4.4	31.5	4.0		59.4	66.0
22.5	60	1	4	8:34:52	25297	60.0	11.5	17.4	16.6	16.9	16.9		79.4	19.5	4.4	31.2	4.1		59.2	66.0
24.2	64	2	5	8:47:34	25357	64.0	11.1	13.9	14.0	14.3	14.4		67.8	19.5	4.3	31.3	4.0		59.1	66.0
24.2	64	1	5	8:47:37	25358	64.0	11.4	17.3	16.6	16.2	16.4		77.9	19.5	4.3	31.2	4.0		59.0	67.0
24.6	68	2	6	9:00:37	25422	68.0	10.7	14.3	13.8	14.2	14.7		67.5	19.5	4.3	31.5	4.0		59.3	66.0
24.6	67	1	6	9:00:43	25423	68.0	11.2	17.1	16.2	16.3	16.6		77.3	19.4	4.3	31.2	4.0		58.9	66.0
25.2	59	2	7	9:13:52	25491	59.0	11.0	14.0	13.4	15.0	14.5		68.0	19.5	4.3	31.4	4.0		59.2	66.0
25.2	59	1	7	9:13:57	25492	59.0	11.6	16.9	16.3	16.6	16.8		78.2	19.4	4.3	31.2	4.0		58.9	66.0
29.5	63	2	8	10:26:58	25896	63.0	11.2	13.7	13.6	14.5	14.6		67.7	19.5	4.3	31.5	4.0		59.3	66.0
29.5	63	1	8	10:27:02	25897	63.0	11.3	17.4	16.6	16.7	16.4		78.3	19.4	4.4	31.2	4.0		59.0	66.0
34.6	67	2	9	10:39:47	25969	67.0	10.6	13.5	13.8	14.4	14.5		66.9	19.4	4.3	31.4	4.0		59.1	65.0
34.6	68	1	9	10:39:49	25970	68.0	11.3	16.9	16.8	16.9	16.7		78.7	19.5	4.3	31.2	4.0		59.0	66.0
35.4	59	2	10	10:52:20	26051	60.0	11.7	14.2	13.9	15.0	15.0		69.7	19.5	4.3	31.5	4.1		59.4	66.0
35.4	58	1	10	10:52:24	26052	59.0	11.5	17.2	16.9	16.7	16.8		79.3	19.5	4.4	31.1	4.0		59.0	66.0
34.7	64	2	11	11:05:29	26133	64.0	10.8	13.8	14.0	14.5	14.9		68.0	19.4	4.3	31.4	4.0		59.1	66.0
34.7	64	1	11	11:05:33	26134	64.0	11.6	17.1	16.8	16.9	16.6		79.0	19.5	4.3	31.3	4.0		59.1	66.0
36.5	68	2	12	11:18:04	26218	68.0	10.9	14.0	14.0	14.2	14.3		67.3	19.5	4.3	31.5	4.1		59.4	66.0
36.5	68	1	12	11:18:08	26219	68.0	11.1	17.5	17.3	16.4	16.3		78.6	19.5	4.3	31.2	4.1		59.1	66.0

Recorded By: _____ kt										Verified By: _____ djw										Run Set _____ Pre _____	
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Traffic Sheet 21 (Wheel Load) LTTP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS										STATE CODE: 20 SPS WIM ID: 200200 DATE: (mm/dd/yyyy): 12/21/2010									
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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
32.9	64	2	13	11:43:37	26373	64.0	11.0	13.7	13.4	14.8	14.6		67.4	19.5	4.3	31.4	4.0		59.2	66.0
32.9	64	1	13	11:43:40	26374	64.0	11.4	17.9	16.9	16.7	16.7		79.6	19.5	4.3	31.2	4.1		59.1	66.0
35.0	69	2	14	11:56:15	26448	69.0	10.6	14.1	13.7	14.0	14.4		66.8	19.5	4.3	31.5	4.1		59.4	66.0
35.0	69	1	14	11:56:18	26449	69.0	11.1	17.4	16.8	16.5	16.8		78.5	19.5	4.3	31.2	4.0		59.0	66.0
44.0	67	2	15	13:10:35	26950	67.0	10.5	14.1	14.0	14.6	14.2		67.3	19.4	4.3	31.4	4.1		59.2	66.0
44.0	68	1	15	13:10:40	26951	68.0	11.4	17.5	16.7	16.3	16.9		78.8	19.5	4.3	31.3	4.1		59.2	66.0
36.2	60	2	16	13:22:44	27029	60.0	10.9	13.9	13.4	14.9	14.8		67.8	19.4	4.3	31.3	4.0		59.0	66.0
36.2	59	1	16	13:22:49	27030	59.0	11.0	17.1	15.9	16.1	16.5		76.7	19.4	4.3	31.2	4.1		59.0	66.0
42.1	65	2	17	11:35:28	27125	65.0	10.6	13.9	13.3	14.7	14.5		67.0	19.5	4.4	31.5	4.1		59.5	66.0
42.1	64	1	17	11:35:32	27126	65.0	11.3	17.0	16.4	16.8	16.3		77.7	19.4	4.3	31.2	4.1		59.0	66.0
39.9	68	2	18	13:47:54	27215	68.0	10.7	14.3	13.6	14.4	14.3		67.2	19.4	4.3	31.4	4.0		59.1	66.0
39.9	68	1	18	13:47:57	27216	68.0	10.9	16.8	16.7	16.6	16.4		77.4	19.4	4.3	31.1	4.0		58.8	65.0
38.8	60	2	19	14:00:46	27303	60.0	10.7	13.8	13.9	14.9	14.6		67.8	19.4	4.3	31.4	4.1		59.2	66.0
38.8	59	1	19	14:00:51	27304	59.0	11.1	16.8	16.3	16.6	16.6		77.4	19.5	4.4	31.2	4.0		59.1	66.0
38.7	65	2	20	14:13:30	27384	65.0	10.7	13.8	13.8	14.6	14.4		67.2	19.4	4.4	31.3	4.0		59.1	65.0
38.7	64	1	20	14:13:34	27385	64.0	11.2	17.2	16.1	16.8	16.8		78.0	19.4	4.4	31.2	4.0		59.0	66.0

Recorded By: _____ kt	Verified By: _____ djw	Run Set _____ Pre
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Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS										STATE CODE: 20 SPS WIM ID: 200200 DATE: (mm/dd/yyyy): 12/22/2010									
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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
15.9	59	2	1	7:28:03	31386	59.0	11.3	15.0	14.2	12.2	12.1		64.7	19.5	4.4	31.5	4.1		59.5	64.0
15.9	59	1	1	7:28:06	31387	59.0	11.1	17.1	15.9	15.8	15.7		75.5	19.5	4.4	31.3	4.1		59.3	64.0
16.3	63	2	2	7:41:03	31455	64.0	10.5	14.7	14.8	12.1	12.1		64.1	19.4	4.3	31.5	4.0		59.2	64.0
16.3	64	1	2	7:41:12	31456	64.0	10.9	16.8	16.8	15.7	15.6		75.7	19.5	4.3	31.2	4.1		59.1	64.0
15.9	68	2	3	7:54:01	31533	68.0	10.4	15.4	14.7	12.4	12.4		65.2	19.5	4.3	31.5	4.1		59.4	64.0
15.9	68	1	3	7:54:10	31535	69.0	11.1	17.3	16.9	15.1	15.9		76.2	19.5	4.3	31.2	4.0		59.0	64.0
14.4	59	2	4	8:06:54	31608	60.0	10.5	14.8	14.4	12.0	12.2		63.8	19.4	4.3	31.4	4.0		59.1	64.0
14.4	59	1	4	8:07:00	31609	59.0	11.3	17.3	16.2	15.5	15.8		76.0	19.5	4.4	31.2	4.1		59.2	64.0
16.2	65	2	5	8:19:51	31686	63.0	10.6	14.6	13.9	11.8	11.9		62.9	19.4	4.3	31.4	4.0		59.1	63.0
16.2	64	1	5	8:19:55	31687	63.0	11.1	16.6	15.8	15.4	15.2		74.3	19.4	4.3	31.1	4.0		58.8	63.0
17.6	69	2	6	8:32:44	31774	68.0	10.8	14.9	14.6	12.5	11.9		64.7	19.4	4.3	31.4	4.1		59.2	64.0
17.6	69	1	6	8:32:50	31776	68.0	11.1	16.9	16.5	15.3	15.5		75.4	19.5	4.3	31.2	4.0		59.0	64.0
18.1	59	2	7	8:45:26	31860	60.0	10.9	15.0	14.6	12.2	12.2		64.9	19.5	4.4	31.4	4.1		59.4	64.0
18.1	59	1	7	8:45:36	31861	59.0	10.8	16.9	16.6	15.8	15.7		75.9	19.4	4.3	31.1	4.0		58.8	64.0

Recorded By: _____ kt	Verified By: _____ djw	Run Set _____ Cal 1 _____
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Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS										STATE CODE: 20 SPS WIM ID: 200200 DATE: (mm/dd/yyyy): 12/22/2010									
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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
15.9	59	2	1	7:28:03	31386	59.0	11.3	15.0	14.2	12.2	12.1		64.7	19.5	4.4	31.5	4.1		59.5	64.0
15.9	59	1	1	7:28:06	31387	59.0	11.1	17.1	15.9	15.8	15.7		75.5	19.5	4.4	31.3	4.1		59.3	64.0
16.3	63	2	2	7:41:03	31455	64.0	10.5	14.7	14.8	12.1	12.1		64.1	19.4	4.3	31.5	4.0		59.2	64.0
16.3	64	1	2	7:41:12	31456	64.0	10.9	16.8	16.8	15.7	15.6		75.7	19.5	4.3	31.2	4.1		59.1	64.0
15.9	68	2	3	7:54:01	31533	68.0	10.4	15.4	14.7	12.4	12.4		65.2	19.5	4.3	31.5	4.1		59.4	64.0
15.9	68	1	3	7:54:10	31535	69.0	11.1	17.3	16.9	15.1	15.9		76.2	19.5	4.3	31.2	4.0		59.0	64.0
14.4	59	2	4	8:06:54	31608	60.0	10.5	14.8	14.4	12.0	12.2		63.8	19.4	4.3	31.4	4.0		59.1	64.0
14.4	59	1	4	8:07:00	31609	59.0	11.3	17.3	16.2	15.5	15.8		76.0	19.5	4.4	31.2	4.1		59.2	64.0
16.2	65	2	5	8:19:51	31686	63.0	10.6	14.6	13.9	11.8	11.9		62.9	19.4	4.3	31.4	4.0		59.1	63.0
16.2	64	1	5	8:19:55	31687	63.0	11.1	16.6	15.8	15.4	15.2		74.3	19.4	4.3	31.1	4.0		58.8	63.0
17.6	69	2	6	8:32:44	31774	68.0	10.8	14.9	14.6	12.5	11.9		64.7	19.4	4.3	31.4	4.1		59.2	64.0
17.6	69	1	6	8:32:50	31776	68.0	11.1	16.9	16.5	15.3	15.5		75.4	19.5	4.3	31.2	4.0		59.0	64.0
18.1	59	2	7	8:45:26	31860	60.0	10.9	15.0	14.6	12.2	12.2		64.9	19.5	4.4	31.4	4.1		59.4	64.0
18.1	59	1	7	8:45:36	31861	59.0	10.8	16.9	16.6	15.8	15.7		75.9	19.4	4.3	31.1	4.0		58.8	64.0
19.3	65	2	8	9:46:53	32259	63.0	11.2	15.0	14.5	11.9	12.0		64.6	19.5	4.4	31.6	4.1		59.6	64.0
19.3	64	1	8	9:47:01	32261	64.0	11.2	16.9	16.5	15.8	15.8		76.2	19.4	4.3	31.2	4.0		58.9	64.0
20.2	69	2	9	9:59:28	32348	68.0	10.5	14.8	14.4	12.3	12.1		64.1	19.4	4.3	31.4	4.1		59.2	63.0
20.2	68	1	9	9:59:35	32350	68.0	11.2	17.3	17.1	15.9	15.9		77.4	19.4	4.3	31.2	4.0		58.9	63.0
22.2	60	2	10	10:11:59	32435	60.0	10.7	15.5	14.8	12.2	12.2		65.4	19.5	4.4	31.5	4.1		59.5	64.0
22.2	59	1	10	10:12:09	32436	59.0	11.2	16.6	15.7	15.3	15.4		74.2	19.4	4.4	31.2	4.0		59.0	63.0
23.4	64	2	11	10:24:29	32515	64.0	11.0	15.3	15.2	12.6	12.1		66.1	19.5	4.3	31.6	4.0		59.4	64.0
23.4	63	1	11	10:24:37	32516	63.0	11.3	16.9	16.5	15.7	15.5		75.8	19.5	4.3	31.2	4.0		59.0	63.0
23.1	69	2	12	10:37:04	32610	68.0	10.7	14.8	14.6	12.0	12.0		64.3	19.4	4.3	31.4	4.0		59.1	63.0
23.1	69	1	12	10:37:10	32611	68.0	10.9	16.7	16.8	15.9	16.0		76.3	19.5	4.3	31.2	4.1		59.1	64.0

Recorded By: _____ kt	Verified By: _____ djw	Run Set _____ Post _____
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Traffic Sheet 21 (Wheel Load) LTTP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS										STATE CODE: 20 SPS WIM ID: 200200 DATE: (mm/dd/yyyy): 12/22/2010									
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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
25.2	59	2	13	10:49:23	32711	60.0	10.6	15.2	14.7	12.5	12.2		65.1	19.4	4.3	31.4	4.1		59.2	63.0
25.2	59	1	13	10:49:29	32712	59.0	11.4	16.5	16.5	15.7	15.7		75.8	19.4	4.3	31.1	4.0		58.8	63.0
29.3	68	2	14	11:04:25	32818	68.0	10.7	14.8	14.7	11.4	11.9		63.6	19.4	4.3	31.5	4.1		59.3	63.0
29.3	68	1	14	11:04:28	32819	68.0	10.9	17.5	16.8	15.8	15.9		76.9	19.5	4.3	31.1	4.0		58.9	64.0
32.6	60	2	15	12:41:50	33604	60.0	11.3	15.3	15.0	12.8	12.4		66.7	19.5	4.3	31.5	4.1		59.4	63.0
32.6	59	1	15	12:41:57	33605	59.0	11.2	16.8	16.2	15.9	15.9		75.9	19.4	4.4	31.2	4.1		59.1	63.0
29.6	63	2	16	12:54:18	33700	65.0	10.5	14.9	14.4	12.0	12.4		64.4	19.4	4.3	31.5	4.0		59.2	64.0
29.6	63	1	16	12:54:26	33701	63.0	10.9	16.8	16.4	15.4	15.6		75.1	19.4	4.3	31.2	4.0		58.9	64.0
28.8	68	2	17	13:06:44	33793	68.0	10.4	15.4	14.9	12.2	12.3		65.1	19.4	4.3	31.5	4.1		59.3	64.0
28.8	68	1	17	13:06:46	33794	68.0	11.0	17.2	16.8	15.4	16.2		76.5	19.5	4.3	31.2	4.0		59.0	64.0
31.9	59	2	18	13:19:43	33917	60.0	11.2	15.3	14.6	12.1	12.4		65.6	19.4	4.3	31.4	4.1		59.2	64.0
31.9	59	1	18	13:19:50	33918	59.0	11.1	16.7	15.9	15.9	16.0		75.5	19.4	4.4	31.1	4.0		58.9	64.0
29.8	64	2	19	13:32:14	34012	64.0	10.6	15.3	15.1	12.4	12.4		65.9	19.4	4.3	31.5	4.0		59.2	63.0
29.8	64	1	19	13:32:21	34014	64.0	11.1	16.7	16.3	15.6	15.8		75.6	19.4	4.3	31.2	4.0		58.9	63.0
31.1	68	2	20	13:44:27	34108	68.0	10.6	15.3	14.7	12.0	11.8		64.4	19.4	4.3	31.4	4.1		59.2	63.0
31.1	69	1	20	13:44:35	34110	68.0	11.1	17.0	16.6	15.4	15.7		75.7	19.4	4.3	31.2	4.0		58.9	63.0

Recorded By: _____ kt	Verified By: _____ djw	Run Set _____ Post _____
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Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 20 SPS WIM ID: 200200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 12/21/2010
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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

no sensor deficiencies noted

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.

no irregular truck dynamics noted

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

Tape Filename: _____

Time: _____

From: _____

To: _____

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 20 SPS WIM ID: 200200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 12/21/2010
--	--

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	_____	_____	_____

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE:	20
	SPS WIM ID:	200200
	STATE ASSIGNED ID	0
	DATE (mm/dd/yyyy)	12/21/2010

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>67.4</u> mph	Average WIM Speed	<u>67.2</u> mph
Mean Difference	<u>-0.2</u> mph	SD of mean	<u>1.6</u>
Posted Speed Limit	<u>70</u> mph		
Speed Range	15th percentile - <u>63</u> mph	85th percentile-	<u>72</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>4.33</u> ft (WIM system average)
= <u>1.8</u> %		
Average front axle weight for Class 9 vehicles		<u> </u> lbs
% error from 10.3 kips (industry average) OR		<u>11.1</u> lbs (known site value)
= <u>7.7</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 ☒

Pull Boxes None ☒

Mast None ☒

Solar Panels None ☐

N/A

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 20 SPS WIM ID: 200200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 12/21/2010
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Telephone D-Mark Box None ☒

Power Service Box None ☒

Grounding None ☒

Conduit None ☒

STATIC AND DYNAMIC ELECTRONIC EQUIPMENT TESTS

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

ADDITIONAL COMMENTS

Assessor _____ Dean J. Wolf

Traffic Sheet 22 Addendum - Weighpad LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 20 SPS WIM ID: 200200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 12/21/2010
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STATIC EQUIPMENT VALUES (SYSTEM OFF)

1. POWER

a. Solar Panel		WATTS		VDC
b. Equipment Power	121.8	VAC		VDC
c. Battery 1	13.4	VDC		
d. Battery 2		VDC		
e. Regulated		VDC		
f. Power Supply	13.4	VDC		VDC
g. System Input		VAC	11.6	VDC
h. Modem Power		VAC	11.6	VDC
i. Telephone	49.1	VDC		

2. LOOP SENSORS

	Resistance	Inductance	Shield
a. Leading	0.7 Ω	136.0 μ h	inf M Ω
b. Trailing	0.7 Ω	138.2 μ h	inf M Ω

3. WEIGHPAD SENSORS

	Input	Output	Shield
a. Leading	970 Ω	844 Ω	inf Ω
b. Trailing	967 Ω	847 Ω	inf Ω

DYNAMIC EQUIPMENT VALUES (SYSTEM ON)

4. LOOP SENSORS

	Frequency
a. Leading	27.1 KHz
b. Trailing	27.6 KHz

5. WEIGHPAD SENSORS

	Zero Point
a. Leading	0.1 mV
b. Trailing	-0.1 mV

Assessor Dean J. Wolf

Traffic Sheet 24A LTPP MONITORED TRAFFIC DATA SITE PHOTO LOG - Equipment	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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Item	Description	Filename
1	Power Source	200200_power_meter_12_21_10.jpg
2	Telephone Source	200200_telephone_drop_12_21_10.jpg
3	Cabinet Exterior	200200_cabinet_exterior_12_21_10.jpg
4	Cabinet Interior	200200_cabinet_interior_front_12_21_10.jpg
5	Leading weight sensor	200200_leading_WIM_sensor_12_21_10.jpg
6	Trailing weight sensor	200200_trailing_WIM_sensor_12_21_10.jpg
7	Leading classification sensor	
8	Trailing classification sensor	
9	Leading loop sensor	200200_leading_loop_12_21_10.jpg
10	Trailing loop sensor	200200_trailing_loop_12_21_10.jpg
11	Downstream from site	200200_downstream_12_21_10.jpg
12	Upstream from site	200200_upstream_12_21_10.jpg
13	Cabinet Interior - Rear	200200_cabinet_interior_12_21_10.jpg
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RECORDED BY: _____ Dean J. Wolf

Traffic Sheet 24B LTPP MONITORED TRAFFIC DATA SITE PHOTO LOG - Test Trucks	STATE CODE: 20 SPS WIM ID: 200200 DATE (mm/dd/yyyy) 12/21/2010
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Item	Description	Filename
1	Tractor, Truck #1	200200_truck_1_tractor_12_21_10.jpg
2	Trailer/Load, Truck #1	200200_truck_1_trailer_12_21_10.jpg
3	Kingpin Offset, Truck #1	
4	Suspension A, Truck #1	200200_truck_1_suspension_1_12_21_10.jpg
5	Suspension B, Truck #1	200200_truck_1_suspension_2_3_12_21_10.jpg
6	Suspension C, Truck #1	
7	Suspension D, Truck #1	200200_truck_1_suspension_4_5_12_21_10.jpg
8	Suspension E, Truck #1	
9	Suspension F, Truck #1	
10	Tractor, Truck #2	200200_truck_2_tractor_12_21_10.jpg
11	Trailer/Load, Truck #2	200200_truck_2_trailer_12_21_10.jpg
12	Kingpin Offset, Truck #2	200200_truck_2_suspension_1_12_21_10.jpg
13	Suspension A, Truck #2	200200_truck_2_suspension_2_3_12_21_10.jpg
14	Suspension B, Truck #2	
15	Suspension C, Truck #2	200200_truck_2_suspension_4_5_12_21_10.jpg
16	Suspension D, Truck #2	
17	Suspension E, Truck #2	
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	
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