

Traffic Sheet 17 LTPP MONITORED TRAFFIC DATA WIM SITE INVENTORY	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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10. CABINET LOCATION

Same side of road as LTPP lane: N
Distance from edge of traveled lane: 44 ft
distance from system: 125 ft
type: M

Cabinet access controlled by: Agency and LTPP
Contact name: Roy Czinku Phone # 306-653-6627
Alternate name: Mark Greenwood Phone # 501-569-2552

11. POWER

Distance to cabinet from drop: 550 ft
Type: AC
AC in cabinet? Y
Service provider: _____ Phone # _____

12. TELEPHONE

Distance to cabinet from drop: 550 ft
Type: landline
Service provider: _____ Phone # _____

13. SYSTEM

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

14. TEST TRUCK TURNAROUND TIME

Duration: 17 minutes Distance: 18 miles

15. PHOTOS

	Filename
Power source:	<u>050200_power_service_box_3_8_11.jpg</u>
Phone source:	<u>050200_telephone_pedestal_3_8_11.jpg</u>
Cabinet exterior:	<u>050200_cabinet_exterior_3_8_11.jpg</u>
Cabinet interior:	<u>050200_cabinet_interior_front_3_8_11.jpg</u>
Weight sensors:	<u>050200_leading_WIM_sensor_3_8_11.jpg</u>
	<u>050200_trailing_WIM_sensor_3_8_11.jpg</u>
Other sensors:	<u>050200_leading_loop_sensor_3_8_11.jpg</u>
	<u>050200_trailing_loop_sensor_3_8_11.jpg</u>
Downstream from sensors on LTPP lane:	<u>050200_downstream_3_8_11.jpg</u>
Upstream from sensors on LTPP lane:	<u>050200_upstream_3_8_11.jpg</u>

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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 Ken McConnell Phone # 501-490-1481
Agency McConnell Heavy Hauling
- f. Traffic control
Name _____ Phone # _____
Agency _____
- g. Enforcement coordination
Name _____ Phone # _____
Agency _____
- h. Nearest static scale
Name JJ's Truck Stop Location: I-30, exit 106
Phone: 501-778-2295

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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		12360	12230	Direct
B		15155	15095	Direct
C		15155	15095	Direct
D		16370	16405	Direct
E		16370	16405	Direct
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 75410
- c. Post Test Loaded Weight: 75230
- d. Difference Post Test - Pre-Tests: 180

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: No
photo: ☒

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

d. Trailer Load Distribution Description:

jersey barriers

photo: ☒

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

A to B 19.8 B to C 4.4 C to D 37.4 D to E 4.7 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 66.3
- i. Kingpin offset from Axle B (units) -2.1 photo: ☐
- j. Overall Length - ☒ Measured 70.1

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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	11R24.5	steel spring	☒
B	11R24.5	air	☒
C	11R24.5	air	☒
D	255/70R22.5	air	☒
E	255/70R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
102.2	103.2	101.2	132.6	94.7	
100.5	73.9	87.9	132.6	129.5	
	107.8	105.4	104.8	105.2	
	95.8	112.8	102.6	134.7	

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				

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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CALIBRATION TEST TRUCK - Primary

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

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: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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	12340	15170	15170	16360	16360		75400
2	12380	15140	15140	16380	16380		75420
Avg.	12360	15155	15155	16370	16370		75410

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	12220	15090	15090	16400	16400		75200
2	12240	15100	15100	16410	16410		75260
Avg.	12230	15095	15095	16405	16405		75230

Validation Test Truck Run Set - Pre

Measured By: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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		10900	10690	Direct
B		14720	14715	Direct
C		14720	14715	Direct
D		13660	13660	Direct
E		13660	13660	Direct
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 67660
- c. Post Test Loaded Weight: 67450
- d. Difference Post Test - Pre-Tests: 210

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: No
 photo: ☒

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

d. Trailer Load Distribution Description:

jersey barriers

photo: ☒

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

A to B 17.5 B to C 4.4 C to D 30.5 D to E 10.1 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 62.5
- i. Kingpin offset from Axle B (units) -2.0 photo: ☐
- j. Overall Length - ☒ Measured 67.0

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>2</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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	11R22.5	steel spring	☒
B	11R22.5	air	☒
C	11R22.5	air	☒
D	255/70R22.5	air	☒
E	255/70R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
97.6	107.1	92.8	92.9	97	
101.1	109.5	57.9	95.8	97.9	
	95.3	93.2	95.6	94.6	
	104.1	93.5	93.8	94	

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				

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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CALIBRATION TEST TRUCK - Secondary

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

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: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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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	10900	14730	14730	13660	13660		67680
2	10900	14710	14710	13660	13660		67640
Avg.	10900	14720	14720	13660	13660		67660

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	10660	14710	14710	13660	13660		67420
2	10720	14720	14720	13660	13660		67480
Avg.	10690	14715	14715	13660	13660		67450

Validation Test Truck Run Set - Pre

Measured By: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 05
	SPS WIM ID: 050200
	DATE (mm/dd/yyyy) 3/9/2011

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		12570	0	Direct
B		15255	0	Direct
C		15255	0	Direct
D		16430	0	Direct
E		16430	0	Direct
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 75940
- c. Post Test Loaded Weight: 0
- d. Difference Post Test - Pre-Tests: 75940

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: No
photo: ☒

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

d. Trailer Load Distribution Description:

jersey barriers

photo: ☒

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

A to B 19.8 B to C 4.4 C to D 37.4 D to E 4.7 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 66.3
- i. Kingpin offset from Axle B (units) -2.1 photo: ☐
- j. Overall Length - ☒ Measured 70.1

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	11R24.5	steel spring	☒
B	11R24.5	air	☒
C	11R24.5	air	☒
D	255/70R22.5	air	☒
E	255/70R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
102.2	103.2	101.2	132.6	94.7	
100.5	73.9	87.9	132.6	129.5	
	107.8	105.4	104.8	105.2	
	95.8	112.8	102.6	134.7	

PART B

Table 1 - Raw Measurements -Platform Scale

Axes	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				

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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CALIBRATION TEST TRUCK - Primary

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

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: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	12580	15250	15250	16440	16440		75960
2	12560	15260	15260	16420	16420		75920
Avg.	12570	15255	15255	16430	16430		75940

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: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 05
	SPS WIM ID: 050200
	DATE (mm/dd/yyyy) 3/9/2011

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		10620	0	Direct
B		14690	0	Direct
C		14690	0	Direct
D		13655	0	Direct
E		13655	0	Direct
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 67310
- c. Post Test Loaded Weight: 0
- d. Difference Post Test - Pre-Tests: 67310

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: No
photo: ☒

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

d. Trailer Load Distribution Description:

jersey barriers

photo: ☒

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

A to B 17.5 B to C 4.4 C to D 30.5 D to E 10.1 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 62.5
- i. Kingpin offset from Axle B (units) -2.0 photo: ☐
- j. Overall Length - ☒ Measured 67.0

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>2</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	11R22.5	steel spring	☒
B	11R22.5	air	☒
C	11R22.5	air	☒
D	255/70R22.5	air	☒
E	255/70R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
97.6	107.1	92.8	92.9	97	
101.1	109.5	57.9	95.8	97.9	
	95.3	93.2	95.6	94.6	
	104.1	93.5	93.8	94	

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				

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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CALIBRATION TEST TRUCK - Secondary

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

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: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	10640	14670	14670	13670	13670		67320
2	10600	14710	14710	13640	13640		67300
Avg.	10620	14690	14690	13655	13655		67310

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: _____

Verified By: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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		12570	12390	Direct
B		15255	15085	Direct
C		15255	15085	Direct
D		16430	16370	Direct
E		16430	16370	Direct
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 75940
- c. Post Test Loaded Weight: 75300
- d. Difference Post Test - Pre-Tests: 640

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: No
photo: ☒

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

d. Trailer Load Distribution Description:

jersey barriers

photo: ☒

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

A to B 19.8 B to C 4.4 C to D 37.4 D to E 4.7 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 66.3
- i. Kingpin offset from Axle B (units) -2.1 photo: ☐
- j. Overall Length - ☒ Measured 70.1

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	11R24.5	steel spring	☒
B	11R24.5	air	☒
C	11R24.5	air	☒
D	255/70R22.5	air	☒
E	255/70R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
102.2	103.2	101.2	132.6	94.7	
100.5	73.9	87.9	132.6	129.5	
	107.8	105.4	104.8	105.2	
	95.8	112.8	102.6	134.7	

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				

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>1</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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CALIBRATION TEST TRUCK - Primary

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

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: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	12580	15250	15250	16440	16440		75960
2	12560	15260	15260	16420	16420		75920
Avg.	12570	15255	15255	16430	16430		75940

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	12360	15120	15120	16350	16350		75300
2	12420	15050	15050	16390	16390		75300
Avg.	12390	15085	15085	16370	16370		75300

Validation Test Truck Run Set - Post

Measured By: Steven Cline
Verified By: Dean Wolf

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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		10620	10340	Direct
B		14690	14600	Direct
C		14690	14600	Direct
D		13655	13615	Direct
E		13655	13615	Direct
F				

4. GVW (same units as axles)

- a. Empty GVW: _____
- b. Average Pre-Test Loaded weight: 67310
- c. Post Test Loaded Weight: 66770
- d. Difference Post Test - Pre-Tests: 540

5. TRUCK DESCRIPTION

- a. Tractor Cab Style: Conventional Sleeper Cab: No
photo: ☒

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

- d. Trailer Load Distribution Description:

jersey barriers

photo: ☒

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

A to B 17.5 B to C 4.4 C to D 30.5 D to E 10.1 E to F _____

- h. Wheelbase - ☐ Measured _____ ☒ Computed 62.5
- i. Kingpin offset from Axle B (units) -2.0 photo: ☐
- j. Overall Length - ☒ Measured 67.0

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # <u>2</u>	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	11R22.5	steel spring	☒
B	11R22.5	air	☒
C	11R22.5	air	☒
D	255/70R22.5	air	☒
E	255/70R22.5	air	☒
F			☐

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

Steering Axle	Axle B	Axle C	Axle D	Axle E	Axle F
97.6	107.1	92.8	92.9	97	
101.1	109.5	57.9	95.8	97.9	
	95.3	93.2	95.6	94.6	
	104.1	93.5	93.8	94	

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				

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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CALIBRATION TEST TRUCK - Secondary

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

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 # 2	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/9/2011
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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	10640	14670	14670	13670	13670		67320
2	10600	14710	14710	13640	13640		67300
Avg.	10620	14690	14690	13655	13655		67310

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	10280	14630	14630	13610	13610		66760
2	10400	14570	14570	13620	13620		66780
Avg.	10340	14600	14600	13615	13615		66770

Validation Test Truck Run Set - Post

Measured By: Steven Cline

Verified By: Dean Wolf

Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS										STATE CODE: 05 SPS WIM ID: 050200 DATE: (mm/dd/yyyy): 3/8/2011									
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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
46.2	55	1	1	8:19:26	36477	54.0	11.6	15.8	15.5	16.5	16.5		75.9	19.7	4.4	37.4	4.5		66.0	68.0
46.2	54	2	1	8:19:35	36479	55.0	10.5	15.4	15.7	14.3	14.0		69.7	17.5	4.3	30.5	10.1		62.4	65.0
46.9	60	1	2	8:36:25	36618	59.0	12.0	15.7	15.4	18.7	16.9		78.7	19.7	4.3	37.5	4.5		66.0	69.0
46.9	58	2	2	8:36:34	36620	58.0	10.7	16.1	15.9	15.2	13.4		71.2	17.4	4.3	30.5	10.1		62.3	65.0
46.9	65	1	3	8:53:03	36747	65.0	11.5	15.4	16.3	16.6	15.8		75.6	19.8	4.3	37.3	4.5		65.9	69.0
46.9	64	2	3	8:53:09	36748	64.0	10.2	15.6	15.3	15.5	14.8		71.5	17.5	4.3	30.4	10.0		62.2	64.0
46.8	55	1	4	9:10:08	36881	54.0	11.8	15.2	15.6	16.2	17.1		76.0	19.8	4.4	37.5	4.5		66.2	68.0
46.8	56	2	4	9:10:25	36884	54.0	10.4	14.9	15.3	13.1	14.3		68.1	17.5	4.3	30.6	10.1		62.5	65.0
47.0	51	1	5	9:26:47	37043	53.0	12.0	15.7	15.5	16.8	16.5		76.5	19.8	4.4	37.5	4.5		66.2	68.0
47.0	61	2	5	9:26:53	37044	59.0	10.4	16.9	16.0	15.1	13.5		71.9	17.4	4.3	30.6	10.1		62.4	65.0
46.7	64	1	6	9:43:12	37174	64.0	11.1	15.3	15.3	17.0	16.7		75.5	19.7	4.3	37.1	4.5		65.6	69.0
46.7	65	2	6	9:43:19	37175	65.0	9.9	15.9	15.2	14.4	14.0		69.3	17.4	4.3	30.3	10.0		62.0	65.0
47.4	56	1	7	10:00:05	37318	54.0	11.7	15.6	16.2	15.5	16.2		75.2	19.8	4.3	37.4	4.5		66.0	69.0
47.4	55	2	7	10:00:15	37319	53.0	10.2	14.9	14.8	13.4	13.9		67.2	17.4	4.3	30.5	10.0		62.2	64.0
47.7	61	1	8	10:17:00	37473	59.0	11.9	16.1	16.3	15.2	18.2		77.8	19.7	4.3	37.4	4.4		65.8	68.0
47.7	60	2	8	10:17:08	37475	59.0	10.8	16.8	15.6	15.1	13.9		72.2	17.4	4.3	30.6	10.1		62.4	65.0
47.9	66	1	9	10:35:21	37636	64.0	11.4	15.3	17.0	18.9	16.9		79.4	19.8	4.3	37.2	4.5		65.8	68.0
47.9	65	2	9	10:35:28	37637	64.0	10.3	15.6	15.4	15.3	13.8		70.5	17.5	4.3	30.2	10.0		62.0	64.0
47.5	60	1	10	10:52:02	37805	54.0	11.9	15.4	16.1	16.2	16.5		76.2	19.8	4.4	37.5	4.5		66.2	69.0
47.5	60	2	10	10:52:12	37807	54.0	10.7	16.1	15.9	14.8	14.5		72.1	17.5	4.3	30.5	10.1		62.4	65.0
48.5	67	1	11	11:30:17	38156	64.0	10.7	15.9	15.7	17.4	16.5		76.3	19.6	4.3	37.0	4.5		65.4	68.0
48.5	65	2	11	11:30:32	38158	64.0	10.2	15.8	15.6	15.3	14.4		71.1	17.5	4.3	30.4	10.0		62.2	65.0
49.5	64	2	12	11:46:28	38315	64.0	10.4	15.6	15.7	15.3	15.0		72.1	17.5	4.3	30.4	10.0		62.2	65.0
50.0	62	1	12	12:02:41	38467	59.0	12.3	16.3	15.8	17.9	16.6		79.0	19.7	4.3	37.4	4.5		65.9	68.0

Recorded By: _____ sc	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: 05 SPS WIM ID: 050200 DATE: (mm/dd/yyyy): 3/8/2011									
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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
50.0	57	2	13	12:02:46	38468	59.0	10.7	15.8	16.8	14.4	13.5		71.2	17.4	4.3	30.4	9.9		62.0	64.0
50.3	60	1	13	12:18:27	38590	60.0	11.9	16.8	16.4	17.1	16.2		78.5	19.6	4.3	37.5	4.4		65.8	68.0
50.3	59	2	14	12:18:32	38592	59.0	10.6	17.1	15.7	14.3	13.0		70.7	17.5	4.3	30.6	10.1		62.5	65.0
49.9	54	1	14	12:34:33	38735	54.0	11.9	15.5	16.3	16.7	16.6		76.9	19.8	4.4	37.5	4.5		66.2	69.0
49.9	52	2	15	12:34:41	38738	52.0	10.7	15.8	15.0	14.8	13.8		70.1	17.5	4.4	30.5	10.1		62.5	65.0
50.2	60	1	15	12:50:34	38869	59.0	12.3	16.2	16.6	17.7	17.7		80.4	19.7	4.3	37.4	4.5		65.9	69.0
50.2	57	2	16	12:50:40	38870	57.0	10.8	16.3	15.3	14.4	13.3		70.0	17.5	4.3	30.7	10.1		62.6	65.0
51.4	65	1	16	13:06:20	39013	64.0	11.0	16.8	16.3	17.4	16.7		78.2	19.6	4.3	37.0	4.5		65.4	68.0
51.4	65	2	17	13:06:25	39014	63.0	10.4	15.9	15.7	16.5	13.7		72.3	17.4	4.3	30.2	10.0		61.9	65.0
50.3	55	1	17	13:22:35	39154	55.0	11.6	15.4	15.9	17.6	16.6		77.1	19.8	4.3	37.4	4.5		66.0	68.0
50.3	54	2	18	13:22:47	39156	54.0	10.4	15.5	16.1	13.9	14.1		70.0	17.5	4.3	30.6	10.1		62.5	65.0
50.2	65	1	18	13:43:20	39339	60.0	12.3	16.1	16.4	16.0	16.3		77.1	19.6	4.3	37.0	4.4		65.3	68.0
50.2	61	2	19	13:43:32	39340	58.0	10.7	16.3	16.2	13.9	13.1		70.3	17.5	4.3	30.6	10.1		62.5	65.0
51.2	67	1	19	13:58:54	39480	64.0	11.2	15.5	16.4	17.9	16.1		77.1	19.7	4.3	37.1	4.5		65.6	68.0
51.2	63	2	20	13:59:21	39482	62.0	10.4	16.5	15.4	16.7	14.8		73.7	17.4	4.3	30.3	10.0		62.0	64.0
51.6	55	1	20	14:15:37	39654	55.0	12.1	15.4	16.6	16.3	16.4		76.8	19.8	4.4	37.5	4.5		66.2	69.0
51.6	55	2	21	14:15:45	39655	53.0	10.6	15.8	15.4	14.3	13.9		69.9	17.5	4.3	30.5	10.1		62.4	65.0

Recorded By: _____ sc	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: 05 SPS WIM ID: 050200 DATE: (mm/dd/yyyy): 3/9/2011									
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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
51.1	54	1	1	7:16:55	45717	54.0	13.0	14.9	15.5	16.1	16.4		75.7	19.8	4.4	37.6	4.5		66.3	71.0
51.1	54	2	1	7:17:05	45718	54.0	11.2	15.1	15.0	13.7	13.8		68.7	17.6	4.4	30.7	10.2		62.9	67.0
50.9	60	1	2	7:35:04	45871	60.0	13.3	16.4	15.4	14.7	16.8		76.7	19.7	4.3	37.4	4.4		65.8	70.0
50.9	60	2	2	7:35:10	45872	59.0	11.1	15.7	15.3	12.5	13.1		67.7	17.5	4.3	30.7	10.1		62.6	67.0
50.5	54	1	3	8:07:58	46156	54.0	13.2	15.7	15.8	15.1	15.4		75.1	19.8	4.3	37.4	4.5		66.0	70.0
50.5	54	2	3	8:08:09	46158	53.0	10.7	14.6	14.8	14.5	13.6		68.2	17.6	4.4	30.5	10.1		62.6	67.0
50.7	60	1	4	8:24:42	46313	59.0	12.5	15.6	14.8	17.2	15.6		75.7	19.6	4.3	37.2	4.4		65.5	70.0
50.7	61	2	4	8:25:03	46315	58.0	10.5	16.6	15.4	13.9	13.4		69.7	17.4	4.3	30.6	10.1		62.4	67.0
49.4	65	1	5	8:44:03	46496	65.0	11.7	14.5	16.2	17.7	14.8		74.9	19.8	4.4	37.1	4.6		65.9	71.0
49.4	65	2	5	8:44:32	46502	64.0	10.7	15.2	14.6	15.0	13.6		69.2	17.5	4.4	30.3	9.9		62.1	67.0
49.4	65	1	6	9:01:32	46660	65.0	12.3	14.3	16.2	18.4	14.6		75.8	19.9	4.4	37.2	4.6		66.1	71.0
49.4	66	2	6	9:01:34	46662	64.0	10.0	15.0	14.8	15.8	13.1		68.6	17.4	4.3	30.3	10.0		62.0	67.0

Recorded By: _____ sc _____	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: 05 SPS WIM ID: 050200 DATE: (mm/dd/yyyy): 3/9/2011									
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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
51.1	54	1	1	7:16:55	45717	54.0	13.0	14.9	15.5	16.1	16.4		75.7	19.8	4.4	37.6	4.5		66.3	71.0
51.1	54	2	1	7:17:05	45718	54.0	11.2	15.1	15.0	13.7	13.8		68.7	17.6	4.4	30.7	10.2		62.9	67.0
50.9	60	1	2	7:35:04	45871	60.0	13.3	16.4	15.4	14.7	16.8		76.7	19.7	4.3	37.4	4.4		65.8	70.0
50.9	60	2	2	7:35:10	45872	59.0	11.1	15.7	15.3	12.5	13.1		67.7	17.5	4.3	30.7	10.1		62.6	67.0
50.5	54	1	3	8:07:58	46156	54.0	13.2	15.7	15.8	15.1	15.4		75.1	19.8	4.3	37.4	4.5		66.0	70.0
50.5	54	2	3	8:08:09	46158	53.0	10.7	14.6	14.8	14.5	13.6		68.2	17.6	4.4	30.5	10.1		62.6	67.0
50.7	60	1	4	8:24:42	46313	59.0	12.5	15.6	14.8	17.2	15.6		75.7	19.6	4.3	37.2	4.4		65.5	70.0
50.7	61	2	4	8:25:03	46315	58.0	10.5	16.6	15.4	13.9	13.4		69.7	17.4	4.3	30.6	10.1		62.4	67.0
49.4	65	1	5	8:44:03	46496	65.0	11.7	14.5	16.2	17.7	14.8		74.9	19.8	4.4	37.1	4.6		65.9	71.0
49.4	65	2	5	8:44:32	46502	64.0	10.7	15.2	14.6	15.0	13.6		69.2	17.5	4.4	30.3	9.9		62.1	67.0
49.4	65	1	6	9:01:32	46660	65.0	12.3	14.3	16.2	18.4	14.6		75.8	19.9	4.4	37.2	4.6		66.1	71.0
49.4	66	2	6	9:01:34	46662	64.0	10.0	15.0	14.8	15.8	13.1		68.6	17.4	4.3	30.3	10.0		62.0	67.0
50.2	57	1	7	9:53:18	47101	54.0	12.9	16.6	15.6	15.6	17.0		77.6	19.8	4.4	37.4	4.5		66.1	70.0
50.2	54	2	7	9:53:31	47103	54.0	10.9	14.8	14.3	13.5	13.6		67.2	17.5	4.3	30.8	10.1		62.7	67.0
51.0	60	1	8	10:09:54	47252	60.0	12.9	15.4	15.3	14.9	16.7		75.1	19.7	4.3	37.6	4.5		66.1	71.0
51.0	60	2	8	10:10:11	47254	59.0	11.0	16.5	15.2	14.6	13.1		70.3	17.4	4.3	30.5	10.1		62.3	67.0
50.8	64	1	9	10:26:07	47408	65.0	11.5	14.9	15.0	16.0	16.6		74.0	19.8	4.4	37.2	4.6		66.0	71.0
50.8	65	2	9	10:26:29	47412	64.0	10.2	15.0	14.4	14.8	14.0		68.4	17.4	4.4	30.3	10.0		62.1	67.0
52.9	54	1	10	10:42:33	47545	54.0	12.8	15.7	15.6	15.4	16.0		75.6	19.8	4.4	37.5	4.5		66.2	71.0
52.9	55	2	10	10:42:41	47546	54.0	11.2	15.5	15.2	14.4	13.7		70.0	17.6	4.4	30.5	10.1		62.6	67.0
53.1	60	1	11	10:58:40	47685	60.0	13.1	16.0	15.7	15.2	15.6		75.4	19.7	4.3	37.4	4.5		65.9	70.0
53.1	59	2	11	10:58:52	47688	59.0	10.6	16.3	15.8	13.6	12.3		68.7	17.4	4.3	30.6	10.0		62.3	67.0
53.1	65	1	12	11:15:09	47822	65.0	11.4	14.6	15.1	16.6	15.3		73.0	19.9	4.4	37.3	4.6		66.2	71.0
53.1	65	2	12	11:15:39	47830	64.0	10.1	14.8	14.4	14.7	13.8		67.9	17.4	4.3	30.3	10.0		62.0	66.0

Recorded By: _____ sc	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: 05 SPS WIM ID: 050200 DATE: (mm/dd/yyyy): 3/9/2011									
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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
52.3	54	1	13	11:35:18	47997	54.0	12.8	15.6	16.1	16.6	16.1		77.0	19.9	4.4	37.7	4.5		66.5	71.0
52.3	54	2	13	11:35:33	48000	54.0	11.1	15.1	15.2	14.6	13.7		69.6	17.6	4.4	30.6	10.1		62.7	67.0
54.1	59	1	14	11:51:53	48155	60.0	13.3	15.6	15.6	16.7	17.1		78.3	19.7	4.3	37.4	4.4		65.8	71.0
54.1	60	2	14	11:52:02	48157	59.0	10.7	14.6	15.6	13.8	12.8		67.5	17.5	4.3	30.6	10.1		62.5	67.0
54.3	64	1	15	13:02:49	48862	65.0	11.9	14.8	15.9	16.9	17.8		77.3	19.8	4.4	37.3	4.6		66.1	71.0
54.3	64	2	15	13:03:02	48865	64.0	10.2	14.5	14.8	14.2	13.6		67.4	17.5	4.4	30.4	10.0		62.3	67.0
53.9	54	1	16	13:18:47	49023	54.0	13.2	15.0	15.4	16.1	16.7		76.4	19.8	4.4	37.6	4.6		66.4	71.0
53.9	53	2	16	13:19:19	49029	52.0	11.2	14.5	15.1	13.9	13.9		68.6	17.6	4.4	30.4	10.0		62.4	67.0
52.4	60	1	17	13:34:50	49187	59.0	12.5	16.2	16.0	15.9	15.7		76.2	19.7	4.3	37.4	4.4		65.8	71.0
52.4	60	2	17	13:35:18	49191	59.0	10.8	16.0	15.2	14.2	13.1		69.3	17.5	4.3	30.6	10.1		62.5	67.0
53.3	64	1	18	13:50:25	49350	64.0	11.7	15.5	16.1	18.3	16.8		78.4	19.8	4.4	37.3	4.5		66.0	70.0
53.3	63	2	18	13:50:32	49351	64.0	10.5	14.7	15.2	15.0	14.2		69.5	17.4	4.3	30.3	10.0		62.0	66.0
52.1	54	1	19	14:06:05	49507	54.0	13.1	15.6	16.2	16.6	16.2		77.7	19.8	4.4	37.6	4.5		66.3	71.0
52.1	53	2	19	14:06:55	49517	52.0	11.1	15.0	14.9	14.7	14.0		69.8	17.6	4.4	30.5	10.1		62.6	67.0
51.9	63	1	20	14:22:57	49667	60.0	13.0	15.7	15.4	14.6	16.1		74.6	19.7	4.3	37.5	4.5		66.0	71.0
51.9	59	2	20	14:23:54	49679	59.0	11.0	16.1	15.2	14.5	12.9		69.7	17.4	4.3	30.5	10.1		62.3	67.0

Recorded By: _____ sc	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: 05 SPS WIM ID: 050200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/8/2011
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SITE EQUIPMENT INFORMATION

1. TYPE OF EQUIPMENT BOTH

2. LANE NUMBER ON SITE 1 3. DIRECTION ON SITE west

4. VENDOR IRD MODEL iSINC SERIAL# 60904100

5. WEIGHING SENSOR TYPE bending plate

6. SYSTEM SOFTWARE VERSIONS:

CPU

LOOP

PIEZO

WEIGHTPAD/ LOADCELL

COMMUNICATIONS WCU-3

7. CLASSIFICATION VIDEO:

TIME FROM: TO:
TIME FROM: TO:

SITE CONDITIONS

8. PAVEMENT:

Indicate any deficiencies that may affect the performance of the WIM system. List all photos on Sheet 24 that support the evaluation.

There were no pavement distresses noted that may affect the accuracies of the WIM system.

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 05 SPS WIM ID: 050200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/8/2011
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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 indicated some bouncing in the WIM scale area that may 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: _____

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 05 SPS WIM ID: 050200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/8/2011
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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: 05 SPS WIM ID: 050200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/8/2011
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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>65.1</u> mph	Average WIM Speed	<u>64.1</u> mph
Mean Difference	<u>-1.0</u> mph	SD of mean	<u>1.9</u>

Posted Speed Limit	<u>65</u> mph		
Speed Range	15th percentile - <u>57</u> mph	85th percentile-	<u>66</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>4.32</u>	ft (WIM system average)
= <u>1.6</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>7.6</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

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 05 SPS WIM ID: 050200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/8/2011
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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 _____

Traffic Sheet 22 Addendum - Weighpad LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSMENT LTPP LANE ONLY	STATE CODE: 05 SPS WIM ID: 050200 STATE ASSIGNED ID 0 DATE (mm/dd/yyyy) 3/8/2011
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STATIC EQUIPMENT VALUES (SYSTEM OFF)

1. POWER

a. Solar Panel		WATTS		VDC
b. Equipment Power	124.3	VAC		VDC
c. Battery 1	13.4	VDC		
d. Battery 2		VDC		
e. Regulated		VDC		
f. Power Supply		VDC	13.5	VDC
g. System Input		VAC	11.8	VDC
h. Modem Power		VAC	11.8	VDC
i. Telephone	45.1	VDC		

2. LOOP SENSORS

	Resistance	Inductance	Shield
a. Leading	1.3 Ω	122.1 μ h	6.8 M Ω
b. Trailing	1.7 Ω	161 μ h	24.6 M Ω

3. WEIGHPAD SENSORS

	Input	Output	Shield
a. Leading	982 Ω	853 Ω	inf Ω
b. Trailing	983 Ω	853 Ω	inf Ω

DYNAMIC EQUIPMENT VALUES (SYSTEM ON)

4. LOOP SENSORS

	Frequency
a. Leading	75.4 KHz
b. Trailing	78.1 KHz

5. WEIGHPAD SENSORS

	Zero Point
a. Leading	0.1 mV
b. Trailing	0.2 mV

Assessor _____ 0

Traffic Sheet 24A LTPP MONITORED TRAFFIC DATA SITE PHOTO LOG - Equipment	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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Item	Description	Filename
1	Power Source	050200_power_service_box_3_8_11.jpg
2	Telephone Source	050200_telephone_pedestal_3_8_11.jpg
3	Cabinet Exterior	050200_cabinet_exterior_3_8_11.jpg
4	Cabinet Interior	050200_cabinet_interior_front_3_8_11.jpg
5	Leading weight sensor	050200_leading_WIM_sensor_3_8_11.jpg
6	Trailing weight sensor	050200_trailing_WIM_sensor_3_8_11.jpg
7	Leading classification sensor	
8	Trailing classification sensor	
9	Leading loop sensor	050200_leading_loop_sensor_3_8_11.jpg
10	Trailing loop sensor	050200_trailing_loop_sensor_3_8_11.jpg
11	Downstream from site	050200_downstream_3_8_11.jpg
12	Upstream from site	050200_upstream_3_8_11.jpg
13	Cabinet Interior - Rear	050200_cabinet_interior_rear_3_8_11.jpg
14		
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RECORDED BY: _____ Dean J. Wolf

Traffic Sheet 24B LTPP MONITORED TRAFFIC DATA SITE PHOTO LOG - Test Trucks	STATE CODE: 05 SPS WIM ID: 050200 DATE (mm/dd/yyyy) 3/8/2011
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Item	Description	Filename
1	Tractor, Truck #1	050200_Truck_1_Tractor_3_8_11.jpg
2	Trailer/Load, Truck #1	050200_Truck_1_Trailer_3_8_11.jpg
3	Kingpin Offset, Truck #1	
4	Suspension A, Truck #1	050200_Truck_1_Suspension_1_3_8_11.jpg
5	Suspension B, Truck #1	050200_Truck_1_Suspension_2_3_8_11.jpg
6	Suspension C, Truck #1	050200_Truck_1_Suspension_3_3_8_11.jpg
7	Suspension D, Truck #1	050200_Truck_1_Suspension_4_3_8_11.jpg
8	Suspension E, Truck #1	050200_Truck_1_Suspension_5_3_8_11.jpg
9	Suspension F, Truck #1	
10	Tractor, Truck #2	050200_Truck_2_Tractor_3_8_11.jpg
11	Trailer/Load, Truck #2	050200_Truck_2_Trailer_3_8_11.jpg
12	Kingpin Offset, Truck #2	
13	Suspension A, Truck #2	050200_Truck_2_Suspension_1_3_8_11.jpg
14	Suspension B, Truck #2	050200_Truck_2_Suspension_2_3_8_11.jpg
15	Suspension C, Truck #2	050200_Truck_2_Suspension_3_3_8_11.jpg
16	Suspension D, Truck #2	050200_Truck_2_Suspension_4_3_8_11.jpg
17	Suspension E, Truck #2	050200_Truck_2_Suspension_5_3_8_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	
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