Traffic Sheet 17 LTPP MONITORED TRAFFIC DATA WIM SITE INVENTORY	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

1. ROUTE: US-15 **MILEPOST:** 4.62 **LTPP DIRECTION:** north

2. WIM SITE DESCRIPTION

Grade: <1% Sag Vertical: N
Nearest Upstream SPS Section: 240561
Distance from sensors to SPS Section: 450 ft

3. LANE CONFIGURATION

Lanes in LTPP direction: 2 Median: 4 - none
Lane width: 12' Shoulder: 2 - paved AC
Shoulder width: 10'

4. PAVEMENT TYPE PCC

5. PAVEMENT SURFACE CONDITION - Distress Survey

Date: 8/24/10 Photo Filename: 240500_upstream_08_24_10.jpg
Date: 8/24/10 Photo Filename: 240500_downstream_08_24_10.jpg
Date: Photo Filename:

6. SENSOR SEQUENCE

Loop - 2 Bending Plate - Loop

7. REPLACEMENT AND/OR GRINDING

Date:
Date:
Date:

8. RAMPS OR INTERSECTIONS

Intersection within 300' upstream of site: N
Intersection within 300' downstream of site: N
Is shoulder routinely used for turning? N

9. DRAINAGE

Drainage *(bending plate and load cell)* : 1 - Open to Ground
Clearance under plate (in.): 6"
Clearance /access to flush fines from under system: N

Traffic Sheet 17 LTPP MONITORED TRAFFIC DATA WIM SITE INVENTORY	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

10. CABINET LOCATION

Same side of road as LTPP lane: Y
Distance from edge of traveled lane: 18 ft
distance from system: 30 ft
type: M

Cabinet access controlled by: LTPP
Contact name: Roy Czinku Phone # 306-653-6627
Alternate name: Phone #

11. POWER

Distance to cabinet from drop: ft
Type: AC
AC in cabinet? N
Service provider: Phone #

12. TELEPHONE

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

13. SYSTEM

Software and version no.
Computer connection: RS-232

14. TEST TRUCK TURNAROUND TIME

Duration: 15 minutes Distance: 6.7 miles

15. PHOTOS

	Filename
Power source:	240500_power_cabinet_8_24_10.jpg
Phone source:	240500_telephone_pedestal_modem_08_24_10.jpg
Cabinet exterior:	240500_cabinet_exterior_08_24_10.jpg
Cabinet interior:	240500_cabinet_interior_front_08_24_10.jpg
Weight sensors:	240500_leading_weighpad_08_24_10.jpg
	240500_trailing_weighpad_08_24_10.jpg
Other sensors:	240500_leading_loop_08_24_10.jpg
	240500_trailing_loop_08_24_10.jpg
Downstream from sensors on LTPP lane:	240500_downstream_08_24_10.jpg
Upstream from sensors on LTPP lane:	240500_upstream_08_24_10.jpg

Calibration Truck Run Set - Pre

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

1. DATA PROCESSING

a. Download: LTPP only

b. Data review: LTPP
   If state, how often?

c. Data submission LTPP
   If state how often?

2. EQUIPMENT

a. Purchase LTPP

b. Installation LTPP contract

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 Grinding and maintenance as needed

c. Profile Site Markings Temporary

Traffic Sheet 18 LTPP MONITORED TRAFFIC DATA WIM SITE COORDINATION	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

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:
MACTEC, IRD

g. Access to cabinet LTPP

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: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

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 Sand Dollar Phone # 302-424-2554
Agency Francis

f. Traffic control
Name _____ Phone # _____
Agency _____

g. Enforcement coordination
Name _____ Phone # _____
Agency _____

h. Nearest static scale
Name CAT Scale Location: Hagerstown, MD
Phone: _____

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

CALIBRATION TEST TRUCK - Primary

PART A

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

3. **AXLE WEIGHTS** (1000s lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		9950	9680	Direct
B		15840	15720	Direct
C		15840	15720	Direct
D		16825	16810	Direct
E		16825	16810	Direct
F		0	0	

4. **GVW (same units as axles)**
   - a. Empty GVW:
   - b. Average Pre-Test Loaded weight: 75280
   - c. Post Test Loaded Weight: 74740
   - d. Difference Post Test - Pre-Tests: 540

5. **TRUCK DESCRIPTION**
   - a. Tractor Cab Style: Cab Over Engine Sleeper Cab: Yes
     photo: ☑
   - b. Make: Freightliner
   - c. Model: FLB
   - d. Trailer Load Distribution Description:
     concrete blocks loaded along trailer
     photo: ☑
   - e. Tractor Tare weight - _____ - _____
   - f. Trailer Tare weight - _____ - _____
   - g. Axle Spacing - (feet and tenths)

A to B 12.3 B to C 4.2 C to D 37.5 D to E 4.1 E to F 0.0

   - h. Wheelbase - ☐ Measured _____ ☑ Computed 58.1
   - i. Kingpin offset from Axle B (units) -1.3' photo: ☐

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

CALIBRATION TEST TRUCK - Primary

6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A	285/75R24.5	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	AxleD	AxleE	Axle F

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	9980	0	0	9680
A+B	II	25820	0	0	25400
A+B+C	III	41660	0	0	41120
A+B+C+D	IV	58490	0	0	57930
A+B+C+D+E(1)	V	75320	0	0	74740
A+B+C+D+E+(F)(1)	VI	75320	0	0	74740
B+C+D+E+(F)	VII	65320	0	0	65060
C+D+E+(F)	VIII	49480	0	0	49340
D+E+(F)	IX	33640	0	0	33620
E+(F)	X	16820	0	0	16810
(F)	XI	0	0	0	0
A+B+C+D+E+(F)(2)	XII	75240	0	0	74740

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 1	DATE (mm/dd/yyyy)	8/24/2010

CALIBRATION TEST TRUCK - Primary

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

	1		2		Avg.
Axle A	I	9980	VI-VII	10000	9990
Axle B	II-I	15840	VII-VIII	15840	15840
Axle C	III-II	15840	VIII-IX	15840	15840
Axle D	IV-III	16830	IX-X	16820	16825
Axle E	V-IV	16830	X-XI	16820	16825
Axle F	VI-V	0	XI	0	0
GVW	VI	75320	XII	75240	75280

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	0	XI	0	0
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	0	XI	0	0
GVW	VI	0	XII	0	0

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

	1		2		Avg.
Axle A	I	9680	VI-VII	9680	9680
Axle B	II-I	15720	VII-VIII	15720	15720
Axle C	III-II	15720	VIII-IX	15720	15720
Axle D	IV-III	16810	IX-X	16810	16810
Axle E	V-IV	16810	X-XI	16810	16810
Axle F	VI-V	0	XI	0	0
GVW	VI	74740	XII	74740	74740

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 1	DATE (mm/dd/yyyy)	8/24/2010

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	9980	15840	15840	16830	16830	0	75320
2	9920	15840	15840	16820	16820	0	75240
Avg.	9950	15840	15840	16825	16825	0	75280

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9680	15720	15720	16810	16810	0	74740
2	9680	15720	15720	16810	16810	0	74740
Avg.	9680	15720	15720	16810	16810	0	74740

Validation Test Truck Run Set - Pre

Measured By: Kevin Trousdale

Verified By: Dean J. Wolf

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

CALIBRATION TEST TRUCK - Secondary

PART A

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

3. **AXLE WEIGHTS** (1000s lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		9220	8930	Direct
B		14435	14330	Direct
C		14435	14330	Direct
D		13360	13370	Direct
E		13360	13370	Direct
F		0	0	

4. **GVW (same units as axles)**
   - a. Empty GVW:
   - b. Average Pre-Test Loaded weight: 64810
   - c. Post Test Loaded Weight: 64330
   - d. Difference Post Test - Pre-Tests: 480

5. **TRUCK DESCRIPTION**
   - a. Tractor Cab Style: Conventional Sleeper Cab: No
     photo: ☑
   - b. Make: Freightliner
   - c. Model: unknown
   - d. Trailer Load Distribution Description:
     concrete blocks loaded along trailer
     photo: ☑
   - e. Tractor Tare weight - _____ - _____
   - f. Trailer Tare weight - _____ - _____
   - g. Axle Spacing - _____

A to B 12.9 B to C 4.2 C to D 26.9 D to E 10.2 E to F 0.0

- h. Wheelbase - ☐ Measured _____ ☑ Computed 54.2
- i. Kingpin offset from Axle B (units) _____ photo: ☐

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

CALIBRATION TEST TRUCK - Secondary

6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A	12R22.5	steel spring	☑
B	11R22.5	air	☑
C	11R22.5	air	☑
D	11R22.5	air	☑
E	11R22.5	air	☑
F			☐

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

Steering Axle	Axle B	Axle C	AxleD	AxleE	Axle F
105	105	109	101.9	101.9	
114.9	108	107.4	100.7	100	
	107	112	101.9	102	
	109.8	111	102	101.8	

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	9200	0	0	8920
A+B	II	23640	0	0	23260
A+B+C	III	38080	0	0	37600
A+B+C+D	IV	51440	0	0	50970
A+B+C+D+E(1)	V	64800	0	0	64340
A+B+C+D+E+(F)(1)	VI	64800	0	0	64340
B+C+D+E+(F)	VII	55580	0	0	55380
C+D+E+(F)	VIII	41150	0	0	41060
D+E+(F)	IX	26720	0	0	26740
E+(F)	X	13360	0	0	13370
(F)	XI	0	0	0	0
A+B+C+D+E+(F)(2)	XII	64820	0	0	64320

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/24/2010

CALIBRATION TEST TRUCK - Secondary

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

	1		2		Avg.
Axle A	I	9200	VI-VII	9220	9210
Axle B	II-I	14440	VII-VIII	14430	14435
Axle C	III-II	14440	VIII-IX	14430	14435
Axle D	IV-III	13360	IX-X	13360	13360
Axle E	V-IV	13360	X-XI	13360	13360
Axle F	VI-V	0	XI	0	0
GVW	VI	64800	XII	64820	64810

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	0	XI	0	0
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	0	XI	0	0
GVW	VI	0	XII	0	0

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

	1		2		Avg.
Axle A	I	8920	VI-VII	8960	8940
Axle B	II-I	14340	VII-VIII	14320	14330
Axle C	III-II	14340	VIII-IX	14320	14330
Axle D	IV-III	13370	IX-X	13370	13370
Axle E	V-IV	13370	X-XI	13370	13370
Axle F	VI-V	0	XI	0	0
GVW	VI	64340	XII	64320	64330

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 2	DATE (mm/dd/yyyy)	8/24/2010

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	9200	14440	14440	13360	13360	0	64800
2	9240	14430	14430	13360	13360	0	64820
Avg.	9220	14435	14435	13360	13360	0	64810

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	8920	14340	14340	13370	13370	0	64340
2	8940	14320	14320	13370	13370	0	64320
Avg.	8930	14330	14330	13370	13370	0	64330

Validation Test Truck Run Set - Pre

Measured By: Kevin Trousdale

Verified By: Dean J. Wolf

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Primary

PART A

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

3. **AXLE WEIGHTS** (1000s lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		10120	0	Direct
B		15915	0	Direct
C		15915	0	Direct
D		16810	0	Direct
E		16810	0	Direct
F		0	0	

4. **GVW (same units as axles)**
   - a. Empty GVW:
   - b. Average Pre-Test Loaded weight: 75570
   - c. Post Test Loaded Weight: 0
   - d. Difference Post Test - Pre-Tests: 75570

5. **TRUCK DESCRIPTION**
   - a. Tractor Cab Style: Cab Over Engine Sleeper Cab: Yes
     photo: ☑
   - b. Make: Freightliner
   - c. Model: FLB
   - d. Trailer Load Distribution Description:
     concrete blocks loaded along trailer
     photo: ☑
   - e. Tractor Tare weight - -
   - f. Trailer Tare weight - -
   - g. Axle Spacing - (feet and tenths)

A to B 12.3 B to C 4.2 C to D 37.5 D to E 4.1 E to F 0.0

- h. Wheelbase - ☐ Measured ☑ Computed 58.1
- i. Kingpin offset from Axle B (units) -1.3' photo: ☐

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Primary

6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A	285/75R24.5	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	AxleD	AxleE	Axle F

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	10120	0	0	0
A+B	II	26040	0	0	0
A+B+C	III	41960	0	0	0
A+B+C+D	IV	58760	0	0	0
A+B+C+D+E(1)	V	75560	0	0	0
A+B+C+D+E+(F)(1)	VI	75560	0	0	0
B+C+D+E+(F)	VII	65460	0	0	0
C+D+E+(F)	VIII	49550	0	0	0
D+E+(F)	IX	33640	0	0	0
E+(F)	X	16820	0	0	0
(F)	XI	0	0	0	0
A+B+C+D+E+(F)(2)	XII	75580	0	0	0

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Primary

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

	1		2		Avg.
Axle A	I	10120	VI-VII	10100	10110
Axle B	II-I	15920	VII-VIII	15910	15915
Axle C	III-II	15920	VIII-IX	15910	15915
Axle D	IV-III	16800	IX-X	16820	16810
Axle E	V-IV	16800	X-XI	16820	16810
Axle F	VI-V	0	XI	0	0
GVW	VI	75560	XII	75580	75570

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	0	XI	0	0
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	0	XI	0	0
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	0	XI	0	0
GVW	VI	0	XII	0	0

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 1	DATE (mm/dd/yyyy)	8/25/2010

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	10120	15920	15920	16800	16800	0	75560
2	10120	15910	15910	16820	16820	0	75580
Avg.	10120	15915	15915	16810	16810	0	75570

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Validation Test Truck Run Set - Cal 1

Measured By: Kevin Trousdale

Verified By: Dean J. Wolf

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Secondary

PART A

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

3. AXLE WEIGHTS (1000s lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		9290	0	Direct
B		14500	0	Direct
C		14500	0	Direct
D		13400	0	Direct
E		13400	0	Direct
F		0	0	

4. GVW (same units as axles)

a. Empty GVW:
b. Average Pre-Test Loaded weight: 65090
c. Post Test Loaded Weight: 0
d. Difference Post Test - Pre-Tests: 65090

5. TRUCK DESCRIPTION

a. Tractor Cab Style: Conventional Sleeper Cab: No
photo: ☑

b. Make: Freightliner
c. Model: unknown

d. Trailer Load Distribution Description:
concrete blocks loaded along trailer
photo: ☑

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

A to B 12.9 B to C 4.2 C to D 26.9 D to E 10.2 E to F 0.0

h. Wheelbase - ☐ Measured _____ ☑ Computed 54.2
i. Kingpin offset from Axle B (units) _____ photo: ☐

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Secondary

6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A	12R22.5	steel spring	☑
B	11R22.5	air	☑
C	11R22.5	air	☑
D	11R22.5	air	☑
E	11R22.5	air	☑
F			☐

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

Steering Axle	Axle B	Axle C	AxleD	AxleE	Axle F
105	105	109	101.9	101.9	
114.9	108	107.4	100.7	100	
	107	112	101.9	102	
	109.8	111	102	101.8	

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	9320	0	0	0
A+B	II	23820	0	0	0
A+B+C	III	38320	0	0	0
A+B+C+D	IV	51710	0	0	0
A+B+C+D+E(1)	V	65100	0	0	0
A+B+C+D+E+(F)(1)	VI	65100	0	0	0
B+C+D+E+(F)	VII	55820	0	0	0
C+D+E+(F)	VIII	41320	0	0	0
D+E+(F)	IX	26820	0	0	0
E+(F)	X	13410	0	0	0
(F)	XI	0	0	0	0
A+B+C+D+E+(F)(2)	XII	65080	0	0	0

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Secondary

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

	1		2		Avg.
Axle A	I	9320	VI-VII	9280	9300
Axle B	II-I	14500	VII-VIII	14500	14500
Axle C	III-II	14500	VIII-IX	14500	14500
Axle D	IV-III	13390	IX-X	13410	13400
Axle E	V-IV	13390	X-XI	13410	13400
Axle F	VI-V	0	XI	0	0
GVW	VI	65100	XII	65080	65090

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	0	XI	0	0
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	0	XI	0	0
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	0	XI	0	0
GVW	VI	0	XII	0	0

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 2	DATE (mm/dd/yyyy)	8/25/2010

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	9320	14500	14500	13390	13390	0	65100
2	9260	14500	14500	13410	13410	0	65080
Avg.	9290	14500	14500	13400	13400	0	65090

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Validation Test Truck Run Set - Cal 1

Measured By: Kevin Trousdale

Verified By: Dean J. Wolf

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Primary

PART A

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

3. **AXLE WEIGHTS** (1000s lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		10120	9860	Direct
B		15915	15760	Direct
C		15915	15760	Direct
D		16810	16805	Direct
E		16810	16805	Direct
F		0	0	

4. **GVW (same units as axles)**
   - a. Empty GVW:
   - b. Average Pre-Test Loaded weight: 75560
   - c. Post Test Loaded Weight: 74990
   - d. Difference Post Test - Pre-Tests: 570

5. **TRUCK DESCRIPTION**
   - a. Tractor Cab Style: Cab Over Engine Sleeper Cab: Yes
     photo: ☑
   - b. Make: Freightliner
   - c. Model: FLB
   - d. Trailer Load Distribution Description:
     concrete blocks loaded along trailer
     photo: ☑
   - e. Tractor Tare weight - _____ - _____
   - f. Trailer Tare weight - _____ - _____
   - g. Axle Spacing - (feet and tenths)

A to B 12.3 B to C 4.2 C to D 37.5 D to E 4.1 E to F 0.0

   - h. Wheelbase - ☐ Measured _____ ☑ Computed 58.1
   - i. Kingpin offset from Axle B (units) -1.3' photo: ☐

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Primary

6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A	285/75R24.5	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	AxleD	AxleE	Axle F

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	10120	0	0	9860
A+B	II	26040	0	0	25610
A+B+C	III	41960	0	0	41360
A+B+C+D	IV	58760	0	0	58170
A+B+C+D+E(1)	V	75560	0	0	74980
A+B+C+D+E+(F)(1)	VI	75560	0	0	74980
B+C+D+E+(F)	VII	65460	0	0	65140
C+D+E+(F)	VIII	49550	0	0	49370
D+E+(F)	IX	33640	0	0	33600
E+(F)	X	16820	0	0	16800
(F)	XI	0	0	0	0
A+B+C+D+E+(F)(2)	XII	75560	0	0	75000

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Primary

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

	1		2		Avg.
Axle A	I	10120	VI-VII	10100	10110
Axle B	II-I	15920	VII-VIII	15910	15915
Axle C	III-II	15920	VIII-IX	15910	15915
Axle D	IV-III	16800	IX-X	16820	16810
Axle E	V-IV	16800	X-XI	16820	16810
Axle F	VI-V	0	XI	0	0
GVW	VI	75560	XII	75560	75560

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	0	XI	0	0
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	0	XI	0	0
GVW	VI	0	XII	0	0

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

	1		2		Avg.
Axle A	I	9860	VI-VII	9840	9850
Axle B	II-I	15750	VII-VIII	15770	15760
Axle C	III-II	15750	VIII-IX	15770	15760
Axle D	IV-III	16810	IX-X	16800	16805
Axle E	V-IV	16810	X-XI	16800	16805
Axle F	VI-V	0	XI	0	0
GVW	VI	74980	XII	75000	74990

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 1	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

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	10120	15920	15920	16800	16800	0	75560
2	10120	15910	15910	16820	16820	0	75560
Avg.	10120	15915	15915	16810	16810	0	75560

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9860	15750	15750	16810	16810	0	74980
2	9860	15770	15770	16800	16800	0	75000
Avg.	9860	15760	15760	16805	16805	0	74990

Validation Test Truck Run Set - Post

Measured By: Kevin Trousdale

Verified By: Dean J. Wolf

Traffic Sheet 19 LTPP MONITORED TRAFFIC DATA CALIBRATION TEST TRUCK # 2	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyyy) 8/25/2010

CALIBRATION TEST TRUCK - Secondary

PART A

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

3. **AXLE WEIGHTS** (1000s lbs)

	a. Empty Truck Avg. Axle Weight	b. Pre-test Average Axle Weight	c. Post-Test Avg. Axle Weight	d. Direct or Calculated?
A		9290	9050	Direct
B		14500	14390	Direct
C		14500	14390	Direct
D		13400	13355	Direct
E		13400	13355	Direct
F		0	0	

4. **GVW (same units as axles)**
   - a. Empty GVW:
   - b. Average Pre-Test Loaded weight: 65090
   - c. Post Test Loaded Weight: 64540
   - d. Difference Post Test - Pre-Tests: 550

5. **TRUCK DESCRIPTION**
   - a. Tractor Cab Style: Conventional Sleeper Cab: No
     photo: ☑
   - b. Make: Freightliner
   - c. Model: unknown
   - d. Trailer Load Distribution Description:
     concrete blocks loaded along trailer
     photo: ☑
   - e. Tractor Tare weight - _____ - _____
   - f. Trailer Tare weight - _____ - _____
   - g. Axle Spacing - _____

A to B 12.9 B to C 4.2 C to D 26.9 D to E 10.2 E to F 0.0

   - h. Wheelbase - ☐ Measured _____ ☑ Computed 54.2
   - i. Kingpin offset from Axle B (units) _____ photo: ☐

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 2	DATE (mm/dd/yyyy)	8/25/2010

CALIBRATION TEST TRUCK - Secondary

6. SUSPENSION

	a. Tire size	b.Suspension description (leaf, air # of leaves, taper or flat leaf, etc.)	c. photo
A	12R22.5	steel spring	☑
B	11R22.5	air	☑
C	11R22.5	air	☑
D	11R22.5	air	☑
E	11R22.5	air	☑
F			☐

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

Steering Axie	Axle B	Axle C	AxleD	AxleE	Axle F
105	105	109	101.9	101.9	
114.9	108	107.4	100.7	100	
	107	112	101.9	102	
	109.8	111	102	101.8	

PART B

Table 1 - Raw Measurements -Platform Scale

Axles	Meas.	Pre-test Weight	Instance	Instance	Post-test weight
A	I	9320	0	0	9140
A+B	II	23820	0	0	23460
A+B+C	III	38320	0	0	37780
A+B+C+D	IV	51710	0	0	51170
A+B+C+D+E(1)	V	65100	0	0	64560
A+B+C+D+E+(F)(1)	VI	65100	0	0	64560
B+C+D+E+(F)	VII	55820	0	0	55560
C+D+E+(F)	VIII	41320	0	0	41100
D+E+(F)	IX	26820	0	0	26640
E+(F)	X	13410	0	0	13320
(F)	XI	0	0	0	0
A+B+C+D+E+(F)(2)	XII	65080	0	0	64520

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 2	DATE (mm/dd/yyyy)	8/25/2010

CALIBRATION TEST TRUCK - Secondary

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

	1		2		Avg.
Axle A	I	9320	VI-VII	9280	9300
Axle B	II-I	14500	VII-VIII	14500	14500
Axle C	III-II	14500	VIII-IX	14500	14500
Axle D	IV-III	13390	IX-X	13410	13400
Axle E	V-IV	13390	X-XI	13410	13400
Axle F	VI-V	0	XI	0	0
GVW	VI	65100	XII	65080	65090

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	0	XI	0	0
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	0	XI	0	0
GVW	VI	0	XII	0	0

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

	1		2		Avg.
Axle A	I	9140	VI-VII	9000	9070
Axle B	II-I	14320	VII-VIII	14460	14390
Axle C	III-II	14320	VIII-IX	14460	14390
Axle D	IV-III	13390	IX-X	13320	13355
Axle E	V-IV	13390	X-XI	13320	13355
Axle F	VI-V	0	XI	0	0
GVW	VI	64560	XII	64520	64540

Traffic Sheet 19	STATE CODE:	24
LTPP MONITORED TRAFFIC DATA	SPS WIM ID:	240500
CALIBRATION TEST TRUCK # 2	DATE (mm/dd/yyyy)	8/25/2010

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	9320	14500	14500	13390	13390	0	65100
2	9260	14500	14500	13410	13410	0	65080
Avg.	9290	14500	14500	13400	13400	0	65090

Table 7- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

Table 8- Raw Data- Axle scales -

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
Avg.	0	0	0	0	0	0	0

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

Pass	Axle A	Axle B	Axle C	Axle D	Axle E	Axle F	GVW
1	9140	14320	14320	13390	13390	0	64560
2	8960	14460	14460	13320	13320	0	64520
Avg.	9050	14390	14390	13355	13355	0	64540

Validation Test Truck Run Set - Post

Measured By: Kevin Trousdale

Verified By: Dean J. Wolf

Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS	STATE CODE: 24 SPS WIM ID: 240500 DATE: (mm/dd/yyyy): 8/24/2010

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
72.5	45	1	1	8:24:39	47855	44.0	9.1	15.7	15.5	16.2	17.3		73.8	12.0	4.2	37.6	4.0	
72.5	45	2	1	8:24:45	47856	44.0	8.2	14.3	14.2	12.8	13.1		62.4	12.7	4.1	27.0	10.0	
72.3	50	1	2	8:43:32	48015	49.0	9.8	16.2	16.3	15.7	17.8		75.6	12.0	4.2	37.6	4.0	
72.3	50	2	2	8:43:37	48016	49.0	8.7	14.6	14.6	13.0	12.6		63.5	12.7	4.2	27.1	10.0	
73.3	56	1	3	9:01:05	48143	55.0	9.2	16.4	16.7	16.2	17.8		76.3	12.0	4.2	37.5	4.0	
73.3	51	2	3	9:01:08	48144	50.0	8.3	14.8	15.2	12.8	12.5		63.5	12.7	4.2	27.2	10.0	
73.0	45	1	4	9:19:29	48305	45.0	9.2	15.6	15.5	15.6	17.3		73.2	12.0	4.2	37.6	3.9	
73.0	45	2	4	9:19:34	48306	44.0	8.3	14.2	14.5	13.1	12.9		62.9	12.7	4.1	27.1	10.0	
72.6	50	1	5	9:40:00	48432	50.0	9.6	15.9	16.1	15.7	18.1		75.4	12.0	4.2	37.6	4.0	
72.6	49	2	5	9:40:06	48433	49.0	8.8	14.7	14.7	12.4	12.5		63.2	12.7	4.2	27.1	10.0	
74.2	57	1	6	9:57:30	48533	56.0	9.6	16.4	16.0	16.5	17.8		76.1	12.0	4.2	37.4	3.9	
74.2	53	2	6	9:57:36	48534	52.0	8.8	14.4	14.9	12.6	12.7		63.3	12.7	4.2	27.1	10.0	
76.9	46	1	7	10:17:42	48647	45.0	9.3	15.7	15.6	16.7	17.8		75.1	12.0	4.2	37.5	4.0	
76.9	47	2	7	10:17:50	48648	45.0	9.0	13.9	13.9	13.2	12.8		62.7	12.7	4.2	27.2	10.0	
79.8	51	1	8	10:36:31	48780	50.0	9.5	16.1	16.2	15.2	18.1		75.0	12.0	4.2	37.5	3.9	
79.8	51	2	8	10:36:35	48781	50.0	8.2	14.6	14.6	12.5	12.7		62.6	12.7	4.2	27.1	10.0	
79.7	56	1	9	10:54:07	48884	55.0	9.7	16.2	16.2	15.8	17.6		75.6	12.0	4.2	37.4	4.0	
79.7	55	2	9	10:54:12	48885	54.0	8.9	14.6	15.1	13.4	13.1		65.1	12.7	4.1	27.0	10.0	
79.0	57	1	10	11:12:01	49026	55.0	9.2	16.6	16.4	16.3	17.8		76.3	12.0	4.2	37.5	3.9	
79.0	56	2	10	11:12:16	49029	54.0	8.8	14.3	15.0	12.8	13.0		63.9	12.7	4.1	27.1	10.0	
85.4	45	1	11	12:53:53	49722	44.0	9.5	15.2	15.4	16.4	17.2		73.8	12.0	4.2	37.5	4.0	
85.4	46	2	11	12:53:58	49723	45.0	8.5	14.2	14.6	13.7	12.8		63.9	12.7	4.1	27.1	10.0	
85.2	51	1	12	13:11:15	49842	50.0	9.2	16.4	16.2	16.5	17.5		75.8	12.0	4.2	37.5	4.0	
85.2	51	2	12	13:11:19	49843	50.0	8.6	14.4	15.1	12.4	12.3		62.8	12.7	4.1	27.1	9.9	

Recorded By: djw Verified By: kt Run Set Pre

Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS	STATE CODE: 24 SPS WIM ID: 240500 DATE: (mm/dd/yyyy): 8/24/2010

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
96.5	50	1	13	13:29:59	49973	50.0	9.3	16.4	15.6	16.0	17.9		75.2	12.0	4.2	37.6	4.0	
96.5	51	2	13	13:30:04	49975	50.0	8.5	14.3	15.4	12.4	12.5		63.2	12.7	4.1	27.1	10.0	
96.9	56	1	14	13:49:05	50109	56.0	9.4	16.3	16.0	17.0	17.3		76.1	12.0	4.2	37.5	4.0	
96.9	55	2	14	13:49:09	50110	54.0	8.8	14.7	15.1	12.8	13.0		64.2	12.7	4.2	27.1	10.0	
96.5	46	1	15	14:07:06	50239	45.0	9.2	15.6	15.4	15.7	17.9		73.8	12.0	4.2	37.5	3.9	
96.5	46	2	15	14:07:11	50240	45.0	8.4	14.0	13.9	13.6	12.9		62.8	12.8	4.2	27.2	10.0	
94.7	52	1	16	14:25:43	50395	50.0	9.3	15.7	15.9	16.7	17.9		74.4	12.0	4.2	37.5	4.0	
94.7	51	2	16	14:25:47	50396	50.0	8.5	14.6	14.6	12.7	12.5		62.9	12.7	4.2	27.1	10.0	
94.1	55	1	17	14:45:19	50594	55.0	9.1	15.9	15.9	15.7	17.6		74.4	12.0	4.2	37.5	3.9	
94.1	55	2	17	14:45:24	50595	54.0	9.1	15.1	14.7	13.0	12.9		64.8	12.7	4.2	27.0	10.0	
92.5	45	1	18	15:04:50	50795	44.0	9.5	15.8	15.2	15.5	17.2		73.2	12.0	4.2	37.5	4.0	
92.5	45	2	18	15:04:54	50796	44.0	9.0	14.2	14.2	13.0	12.6		62.9	12.7	4.2	27.1	10.0	
97.0	50	1	19	15:22:26	50984	50.0	9.6	15.9	16.0	16.1	17.5		74.9	12.0	4.2	37.6	4.0	
97.0	49	2	19	15:22:30	50985	49.0	8.2	14.3	15.0	13.0	12.5		62.9	12.7	4.2	27.1	10.0	
94.2	57	1	20	15:41:57	51228	55.0	9.4	16.5	16.0	16.5	17.5		75.8	12.0	4.2	37.5	4.0	
94.2	55	2	20	15:42:05	51229	54.0	8.8	14.5	14.7	12.8	12.9		63.8	12.7	4.2	27.1	10.0	

Recorded By: djw Verified By: kt Run Set Pre

Traffic Sheet 21 (Wheel Load)
LTPP MONITORED TRAFFIC DATA
WIM SYSTEM TRUCK RECORDS

STATE CODE: 24
SPS WIM ID: 240500
DATE: (mm/dd/yyyy): 8/25/2010

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
71.4	45	1	1	7:45:19	56128	44.0	10.4	16.1	15.5	16.3	17.5		75.8	12.1	4.2	37.8	4.0	
71.4	44	2	1	7:45:24	56129	44.0	9.2	14.5	14.3	13.0	13.8		64.7	12.8	4.2	27.2	10.0	
72.8	52	1	2	8:04:29	56295	51.0	9.8	16.2	15.9	15.3	17.8		74.9	12.0	4.2	37.8	4.0	
72.8	51	2	2	8:04:03	56296	49.0	9.1	14.4	15.2	12.9	12.7		64.4	12.8	4.2	27.2	10.0	
73.4	56	1	3	8:21:56	56445	56.0	9.7	16.1	16.4	16.3	17.4		76.1	12.1	4.2	37.7	4.0	
73.4	55	2	3	8:22:00	56446	55.0	8.9	14.7	15.3	13.3	13.1		65.4	12.8	4.2	27.2	10.0	
71.4	44	2	4	8:40:36	56578	44.0	9.9	14.2	14.1	13.6	13.4		65.3	12.8	4.2	27.2	10.0	
73.3	51	1	4	8:59:36	56757	50.0	10.0	16.2	16.3	15.5	17.9		76.0	12.1	4.2	37.8	4.0	
73.3	50	2	5	8:59:40	56758	50.0	9.6	14.6	15.0	12.7	12.4		64.2	12.8	4.2	27.3	10.0	
71.1	56	1	5	9:23:08	56912	56.0	9.4	16.1	16.1	16.3	17.6		75.6	12.1	4.2	37.7	4.0	
71.1	55	2	6	9:23:13	56913	54.0	9.0	14.6	15.0	12.8	12.7		64.0	12.8	4.2	27.2	10.0	
77.5	45	1	6	9:43:21	57058	45.0	9.5	16.2	15.9	16.7	17.7		76.0	12.1	4.2	37.7	4.0	
77.5	45	2	7	9:43:25	57059	45.0	9.1	14.2	14.4	13.2	13.0		63.8	12.8	4.2	27.2	10.1	

Recorded By: djw Verified By: kt Run Set Cal 1

Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS	STATE CODE: 24 SPS WIM ID: 240500 DATE: (mm/dd/yyyy): 8/25/2010

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
71.4	45	1	1	7:45:19	56128	44.0	10.4	16.1	15.5	16.3	17.5		75.8	12.1	4.2	37.8	4.0	
71.4	44	2	1	7:45:24	56129	44.0	9.2	14.5	14.3	13.0	13.8		64.7	12.8	4.2	27.2	10.0	
72.8	52	1	2	8:04:29	56295	51.0	9.8	16.2	15.9	15.3	17.8		74.9	12.0	4.2	37.8	4.0	
72.8	50	2	2	8:04:03	56296	49.0	9.1	14.4	15.2	12.9	12.7		64.4	12.8	4.2	27.2	10.0	
73.4	56	1	3	8:21:56	56445	56.0	9.7	16.1	16.4	16.3	17.4		76.1	12.1	4.2	37.7	4.0	
73.4	55	2	3	8:22:00	56446	55.0	8.9	14.7	15.3	13.3	13.1		65.4	12.8	4.2	27.2	10.0	
71.4	44	2	4	8:40:36	56578	44.0	9.9	14.2	14.1	13.6	13.4		65.3	12.8	4.2	27.2	10.0	
73.3	51	1	4	8:59:36	56757	50.0	10.0	16.2	16.3	15.5	17.9		76.0	12.1	4.2	37.8	4.0	
73.3	50	2	5	8:59:40	56758	50.0	9.6	14.6	15.0	12.7	12.4		64.2	12.8	4.2	27.3	10.0	
71.1	56	1	5	9:23:08	56912	56.0	9.4	16.1	16.1	16.3	17.6		75.6	12.1	4.2	37.7	4.0	
71.1	55	2	6	9:23:13	56913	54.0	9.0	14.6	15.0	12.8	12.7		64.0	12.8	4.2	27.2	10.0	
77.5	45	1	6	9:43:21	57058	45.0	9.5	16.2	15.9	16.7	17.7		76.0	12.1	4.2	37.7	4.0	
77.5	45	2	7	9:43:25	57059	45.0	9.1	14.2	14.4	13.2	13.0		63.8	12.8	4.2	27.2	10.1	
84.8	51	1	7	10:03:36	57212	50.0	10.1	16.0	16.4	16.4	17.7		76.7	12.1	4.2	37.7	4.0	
84.8	50	2	8	10:03:41	57213	49.0	8.9	14.8	14.9	12.4	13.2		64.1	12.8	4.2	27.3	10.0	
81.4	57	1	8	10:22:31	57363	56.0	9.7	16.2	16.0	15.2	17.6		74.9	12.1	4.2	37.8	4.0	
81.4	54	2	9	10:22:36	57364	54.0	9.0	14.5	15.1	12.7	13.0		64.3	12.8	4.2	27.2	10.0	
88.0	44	1	9	10:41:08	57502	44.0	10.0	15.7	15.8	16.1	18.7		76.4	12.1	4.2	37.7	4.0	
88.0	46	2	10	10:41:13	57503	45.0	8.5	14.3	14.3	13.6	13.2		63.9	12.8	4.2	27.3	10.0	
89.6	50	1	10	10:59:19	57651	50.0	10.1	16.5	16.4	15.0	17.9		75.8	12.1	4.2	37.8	4.0	
89.6	50	2	11	10:59:25	57652	49.0	9.2	14.6	15.0	12.8	12.6		64.2	12.8	4.2	27.2	10.0	
89.7	56	1	11	11:17:14	57762	56.0	9.8	16.4	16.3	15.7	17.3		75.6	12.1	4.2	37.7	4.0	
89.7	54	2	12	11:17:18	57763	54.0	9.4	14.6	15.3	12.6	12.7		64.7	12.8	4.2	27.2	10.0	
90.0	46	1	12	11:40:15	57946	45.0	9.6	16.0	15.5	17.0	18.0		76.2	12.1	4.2	37.7	4.0	

Recorded By: djw Verified By: kt Run Set Cal 1

Traffic Sheet 21 (Wheel Load) LTPP MONITORED TRAFFIC DATA WIM SYSTEM TRUCK RECORDS	STATE CODE: 24 SPS WIM ID: 240500 DATE: (mm/dd/yyyy): 8/25/2010

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
90.0	46	2	13	11:40:19	57947	45.0	9.8	14.5	14.2	13.3	13.0		64.9	12.8	4.2	27.2	10.0	
94.6	50	1	13	11:58:33	58064	49.0	9.8	16.0	16.2	15.8	18.0		75.6	12.1	4.2	37.8	4.0	
94.6	51	2	14	11:58:37	58065	50.0	9.6	14.3	14.7	13.2	12.5		64.3	12.8	4.2	27.2	10.0	
104.1	56	1	14	13:03:21	58485	55.0	9.5	15.8	16.1	16.1	17.1		74.5	12.1	4.2	37.9	4.0	
104.1	55	2	15	13:03:25	58486	54.0	9.0	14.5	15.3	13.5	12.7		64.9	12.8	4.2	27.2	10.0	
97.7	46	1	15	13:22:08	58639	45.0	10.0	15.9	15.9	16.4	17.8		75.9	12.1	4.2	37.7	4.0	
97.7	46	2	16	13:22:12	58640	45.0	8.7	14.3	14.2	12.9	12.9		63.0	12.8	4.2	27.1	10.0	
99.8	50	1	16	13:40:34	58748	50.0	10.0	16.1	16.0	15.4	18.3		75.6	12.1	4.2	37.8	4.0	
99.8	51	2	17	13:40:38	58749	50.0	8.6	14.4	14.9	12.5	12.2		62.6	12.8	4.2	27.3	10.0	
96.7	56	1	17	14:05:19	58947	55.0	9.7	16.5	15.9	15.7	17.3		75.1	12.1	4.2	37.8	4.0	
96.7	55	2	18	14:05:25	58948	54.0	9.0	14.7	15.2	13.4	13.0		65.4	12.8	4.2	27.3	10.0	
96.5	46	1	18	14:24:23	59101	45.0	9.6	16.2	16.1	16.1	18.2		76.1	12.1	4.2	37.7	4.0	
96.5	47	2	19	14:24:27	59102	46.0	8.8	14.7	14.9	12.7	12.8		63.9	12.8	4.2	27.2	10.0	
96.8	50	2	20	14:42:35	59292	49.0	9.0	14.3	14.8	12.5	12.8		63.3	12.8	4.2	27.2	10.0	
95.4	56	1	19	15:01:24	59513	56.0	10.0	16.4	16.2	17.2	17.3		77.2	12.1	4.2	37.7	4.0	
95.4	55	2	21	15:01:28	59514	54.0	9.2	14.8	14.4	12.7	13.0		64.0	12.8	4.2	27.2	10.0	

Recorded By: djw Verified By: kt Run Set Cal 1

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSSMENT LTPP LANE ONLY	STATE CODE: 24 SPS WIM ID: 240500 STATE ASSIGNED ID 0 DATE (mm/dd/yyy) 8/24/2010

SITE EQUIPMENT INFORMATION

1. TYPE OF EQUIPMENT BOTH

2. LANE NUMBER ON SITE 1 **3. DIRECTION ON SITE** north

4. VENDOR IRD **MODEL** iSINC **SERIAL#** 51001914

5. WEIGHING SENSOR TYPE bending plate

6. SYSTEM SOFTWARE VERSIONS:

CPU _____

LOOP _____

PIEZO _____

WEIGHPAD/ LOADCELL _____

COMMUNICATIONS _____

7. CLASSIFICATION VIDEO:

TIME FROM: 13:26:32 TO: 16:08:04
TIME FROM: _____ TO: _____

SITE CONDITIONS

8. PAVEMENT:

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

none

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSSMENT LTPP LANE ONLY	STATE CODE: 24 SPS WIM ID: 240500 STATE ASSIGNED ID 0 DATE (mm/dd/yyy) 8/24/2010

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

none

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.

Truck bouncing was noted just prior to the WIM scales.

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

Tape Filename: 240500_pre_val_sheet_20_video

Time: From: 13:26:32 To: 16:08:04

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSSMENT LTPP LANE ONLY	STATE CODE: 24 SPS WIM ID: 240500 STATE ASSIGNED ID 0 DATE (mm/dd/yyy) 8/24/2010

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 ASSESSSMENT LTPP LANE ONLY	STATE CODE: 24 SPS WIM ID: 240500 STATE ASSIGNED ID 0 DATE (mm/dd/yyy) 8/24/2010

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 54.9 mph Average WIM Speed 54.0 mph
Mean Difference -0.9 mph SD of mean 1.6

Posted Speed Limit 55 mph
Speed Range 15th percentile - 58 mph 85th percentile- 64 mph

Spacing and Weight - Complete Sheet 21 and attach.

Average distance between axles of drive tandem feet
% error from 4.25 ft (industry average) OR 4.18 ft (WIM system average)
= -1.6 %

Average front axle weight for Class 9 vehicles lbs
% error from 10.3 kips (industry average) OR 9.0 lbs (known site value)
= -12.6 %

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 occurance.

Cabinet/Foundation None ☑

Pull Boxes None ☑

Mast None ☐
N/A

Solar Panels None ☐
N/A

Traffic Sheet 22 LTPP MONITORED TRAFFIC DATA SITE EQUIPMENT ASSESSSMENT LTPP LANE ONLY	STATE CODE: 24 SPS WIM ID: 240500 STATE ASSIGNED ID 0 DATE (mm/dd/yyy) 8/24/2010

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 ASSESSSMENT LTPP LANE ONLY	STATE CODE: 24 SPS WIM ID: 240500 STATE ASSIGNED ID 0 DATE (mm/dd/yyy) 8/24/2010

STATIC EQUIPMENT VALUES (SYSTEM OFF)

1. POWER

a. Solar Panel		WATTS		VDC
b. Equipment Power	123.7	VAC		VDC
c. Battery 1	13.6	VDC		
d. Battery 2		VDC		
e. Regulated		VDC		
f. Power Supply	11.3	VDC		VDC
g. System Input	123.7	VAC		VDC
h. Modem Power	123.7	VAC		VDC
i. Telephone	46.5	VDC		

2. LOOP SENSORS

	Resistance		Inductance		Shield	
a. Leading	0.5	Ω	141.4	µh	inf	MΩ
b. Trailing	0.4	Ω	131.6	µh	inf	MΩ

3. WEIGHPAD SENSORS

	Input		Output		Shield	
a. Leading	989	Ω	844	Ω	inf	Ω
b. Trailing	988	Ω	844	Ω	inf	Ω

DYNAMIC EQUIPMENT VALUES (SYSTEM ON)

4. LOOP SENSORS

	Frequency	
a. Leading	21.8	KHz
b. Trailing	23.7	KHz

5. WEIGHPAD SENSORS

	Zero Point	
a. Leading	0	mV
b. Trailing	0	mV

Assessor Dean J. Wolf

Traffic Sheet 24A LTPP MONITORED TRAFFIC DATA SITE PHOTO LOG - Equipment	STATE CODE: 24 SPS WIM ID: 240500 DATE (mm/dd/yyy) 8/24/2010

Item	Description	Filename
1	Power Source	240500_power_cabinet_8_24_10.jpg
2	Telephone Source	240500_telephone_pedestal_modem_08_24_10.jpg
3	Cabinet Exterior	240500_cabinet_exterior_08_24_10.jpg
4	Cabinet Interior	240500_cabinet_interior_front_08_24_10.jpg
5	Leading weight sensor	240500_leading_weighpad_08_24_10.jpg
6	Trailing weight sensor	240500_trailing_weighpad_08_24_10.jpg
7	Leading classification sensor	
8	Trailing classification sensor	
9	Leading loop sensor	240500_leading_loop_08_24_10.jpg
10	Trailing loop sensor	240500_trailing_loop_08_24_10.jpg
11	Downstream from site	240500_downstream_08_24_10.jpg
12	Upstream from site	240500_upstream_08_24_10.jpg
13	Cabinet Interior - Rear	240500_cabinet_interior_rear_08_24_10.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: 24 SPS WIM ID: 240500 DATE (mm/dd/yyy) 8/24/2010

Item	Description	Filename
1	Tractor, Truck #1	240500_truck_1_tractor_08_24_10.jpg
2	Trailer/Load, Truck #1	240500_truck_1_trailer_08_24_10.jpg
3	Kingpin Offset, Truck #1	
4	Suspension A, Truck #1	240500_truck_1_suspension_1_08_24_10.jpg
5	Suspension B, Truck #1	240500_truck_1_suspension_2_08_24_10.jpg
6	Suspension C, Truck #1	240500_truck_1_suspension_3_08_24_10.jpg
7	Suspension D, Truck #1	240500_truck_1_suspension_4_08_24_10.jpg
8	Suspension E, Truck #1	240500_truck_1_suspension_5_08_24_10.jpg
9	Suspension F, Truck #1	
10	Tractor, Truck #2	240500_truck_2_tractor_08_24_10.jpg
11	Trailer/Load, Truck #2	240500_truck_2_trailer_08_24_10.jpg
12	Kingpin Offset, Truck #2	
13	Suspension A, Truck #2	240500_truck_2_suspension_1_08_24_10.jpg
14	Suspension B, Truck #2	240500_truck_2_suspension_2_08_24_10.jpg
15	Suspension C, Truck #2	240500_truck_2_suspension_3_08_24_10.jpg
16	Suspension D, Truck #2	240500_truck_2_suspension_4_08_24_10.jpg
17	Suspension E, Truck #2	240500_truck_2_suspension_5_08_24_10.jpg
18	Suspension F, Truck #2	
19	Tractor, Truck #3	
20	Trailer/Load, Truck #3	
21	Kingpin Offset, Truck #3	
22	Suspension A, Truck #3	
23	Suspension B, Truck #3	
24	Suspension C, Truck #3	
25	Suspension D, Truck #3	
26	Suspension E, Truck #3	
27	Suspension F, Truck #3	
28	Scale	
29		
30		

RECORDED BY: Dean J Wolf

WIM Field Validation Handout Guide

Maryland, 240500

Submitted: 08/12/2010

Table of Contents

1 Site Information 3
2 Contact Information 3
3 Schedule of Events 3
4 Maps 4
4.1 Site Location 4
4.2 Truck Scale Location 4
4.3 Airport Location 5
4.4 Hospital Location 5
5 Occupational Health and Safety Plan 6
6 Contingency Plan 6

1 Site Information

Site ID:	240500	**State:**	Maryland
LTPP Region:	North Atlantic	**Configuration:**	Loop – 2 x Bending Plate - Loop
Controller Type:	iSINC	**Sensor Type:**	Bending Plate
Power:	A/C	**Communication:**	Landline
Class Scheme:	LTPP Mar 06	**CPU type/setup:**	

2 Contact Information

Agency	Contact	Position	Phone	Mobile
FHWA	Debbie Walker	COTR	202 493-3068	
FHWA	Azmat Hussain	Division Office	410-779-7161	
RSC	Frank Meyer	North Atlantic RSC	716-632-0804	
MD DOT	Rodney Wynn	LTPP Coordinator	410-321-4106	
MD DOT	Donnie DeBerry	Technical contact	443-527-5045	
ARA	Dean Wolf	Task Leader	717-691-7625	717-512-6638
ARA	Olga Selezneva	Project Manager	410-540-9949	
Sand Dollar	Francis Loretangeli	Manager	302-424-2554	302-381-3340
Truck Scale	MD State Highway	EB I-70 W/S		

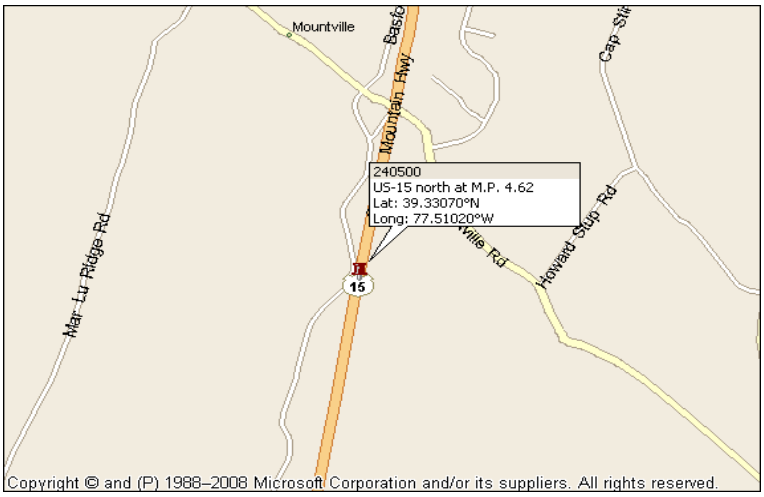
3 Schedule of Events

Date	Event	Location	Start Time
8/23/2010	Travel	Camp Hill, PA	
8/23/2010	System Test/Class and Speed Study	WIM Site	2:00 pm
8/24/2010	Test Truck Weigh/Measure/Inspection	MD Weigh Station	6:00 am
8/24/2010	Initial Performance Evaluation	WIM Site	7:00 am
8/25/2010	Calibration (if required)	WIM Site	7:00 am
8/25/2010	Validation	WIM Site	TBD
8/25/2010	Travel	Camp Hill, PA	TBD

4 Maps

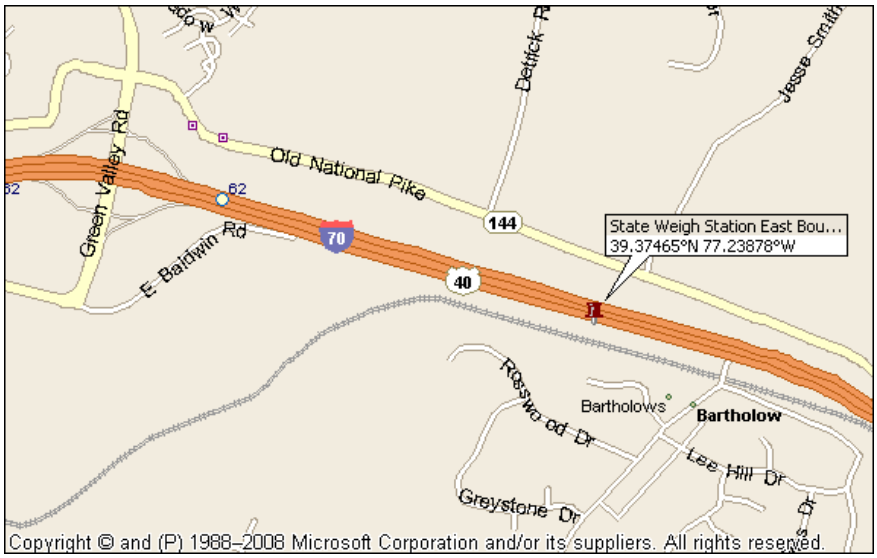
4.1 Site Location

Location:	U.S. 15 north at MP4.62			**Direction:**	NB
Latitude:	39.33065°	**Longitude:**	-77.51017°		



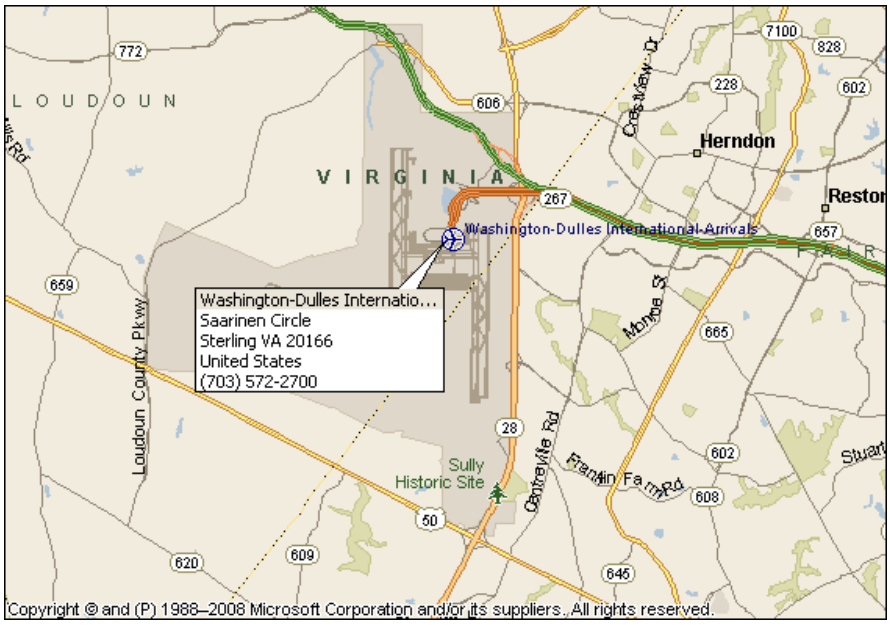
4.2 Truck Scale Location

Name:	MD State Weigh Station	**Location:**	I 70 & RT 40 EB, east of MD 75, MP 64
Latitude:	39.37465	**Longitude:**	-77.23878



4.3 Airport Location

Name:	Dulles Intl Airport	**Location:**	Saarinen Circle, Sterling, VA
Latitude:	38.9571	**Longitude:**	-77.4474



4.4 Hospital Location

Name:	Frederick Memorial Hospital		
Phone:	301-698-3300	**Location:**	400 W. 7th Street, Frederick, MD

5 Occupational Health and Safety Plan

All fieldwork in the right-of-way will be carried out when the ground visibility is more than 3 km, and when there is no accumulation of water, snow, or ice is on the pavement.

To the extent possible, inspection work during extremely high and low temperatures will be avoided. If the work becomes necessary, workers will be reminded to make appropriate precautions (wear protective clothing, drink fluids, and avoid prolonged exposure to severe weather conditions).

All personnel present on the right-of-way will wear approved safety gear (boots, reflective safety vest, and helmet).

The following items will be available at the site: a standard first-aid kit, a cell phone, and the location of nearby hospital(s).

6 Contingency Plan

If inclement weather is forecasted prior to mobilizing to the site, the Project Manager will make the final decision to postpone the Validation visit. The Task Leader is responsible for contacting all parties involved to inform them of the postponement. He is also responsible for rearranging travel.

Once the Validation team is on-site, the On-Site Task Leader is responsible for making decisions to delay or postpone the Validation. He will contact the Project Manager to make recommendations for completing the Validation, and the Project Manager will make the final decision to cancel or postpone. The On-Site Task Leader is responsible for contacting the COTR and all other participating parties to inform them of the delay or postponement.