

## Feb 01, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
-------------	------------------------	--------------	--	-----------------

Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.

09:44	1	20725	20725	Test begins.
-------	---	-------	-------	--------------

16:09	66	20922	20922	Test end for 3 <sup>rd</sup> wander.
-------	----	-------	-------	--------------------------------------

**End of testing for today.**

The startup of traffic testing was delayed in order for 2 asphalt core samples to be extracted from transition T-1N at the direction of the FAA project engineer.

## Feb 02, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
				Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.
07:24	1	20923	20923	Test begins.
07:24	1	20923	20923	Stopped for safety LASER at Sta.103ft
07:26	1	20923	20923	Test resumed.
09:38	2	20990	20990	Test stopped. Hold for performance in order for repairs to be made to the 2 core hole patches in transition T-1N
09:48	3	20991	20991	Test resumed.
16:10	66	21186	21186	Test end for 4 <sup>th</sup> wander.
				End of testing for today.

## Feb 03, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq #</u>	<u>Pass#</u>	<u>Pavemen t total run #</u>	<u>Comments</u>
				Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.
07:15	1	21187	21187	Test begins.
14:05	13	21397	21397	Stopped for safety LASER at Sta. 63 ft
14:07	13	21397	21397	Test resumed.
15:52	66	21450	21450	Test end for 4 <sup>th</sup> wander.
				End of testing for today.

## Feb 04, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
-------------	------------------------	--------------	--	-----------------

Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.

07:15	1	21451	21451	Test begins.
-------	---	-------	-------	--------------

11:31	66	21582	21582	Test end for 2 <sup>rd</sup> wander.
-------	----	-------	-------	--------------------------------------

End of testing for today.

## Feb 08, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
-------------	------------------------	--------------	--	-----------------

Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.

07:45	1	21583	21583	Test begins.
-------	---	-------	-------	--------------

16:18	66	21846	21846	Test end for 4 <sup>th</sup> wander.
-------	----	-------	-------	--------------------------------------

End of testing for today.

## Feb 09, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
				Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.
07:23	1	21847	21847	Test begins.
15:57	66	22110	22110	Test end for 4 <sup>th</sup> wander.
				End of testing for today.

## Feb 10, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
				Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.
07:27	1	22111	22111	Test begins.
09:11	54	22164	22164	Stopped for E-Stop at Sta. 110 ft
09:24	53	22163	22163	Test resumed. Repeated pass # 22163
09:25	53	22163	22163	Stopped for safety LASER at Sta. 12 ft
09:26	53	22163	22163	Test resumed.
16:19	66	22374	22374	Test end for 4 <sup>th</sup> wander.
				End of testing for today.

## Feb 11, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
				Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.
07:19	1	22375	22375	Test begins.
10:59	47	22487	22487	Stopped at Sta.314.87 for VFD interlock failure.
11:16	47	22487	22487	Test resumed.
11:54	66	22506	22506	Test end for 2 <sup>nd</sup> wander.
				End of testing for today.

## Feb 17, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
				Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.
07:36	1	22507	22507	Test begins.
09:11	49	22555	22555	Stopped for safety LASER at Sta. 314.92 ft.
09:17	49	22555	22555	Test resumed. Repeated pass # 22555.
15:17	66	22770	22770	Test end for 4 <sup>th</sup> wander.
				End of testing for today.

## Feb 18, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
				Continued of CC7 trafficking for north test items with 3 dual wheel tests using module 2, 3 and 4 on the north. Carriage 1 testing loads of 55 kips and tire pressure of 255 psi. Test with 2.5 mph test speed. Trigger location, SPU1 west -20, east 150 and SPU2 west 135, east 300.
07:23	1	22771	22771	Test begins.
10:06	18	22854	22854	Stopped for troubleshooting for log files issue.
10:16	19	22855	22855	Test resumed.
11:49	66	22902	22902	Test end for 2 <sup>nd</sup> wander.

End of testing for today.

Ryan solved the issue with multiple log files being generated. The reason for this is because the log file data logger is designed to turn on whenever the test vehicle is within any of the set SPU east or west triggers. Therefore what was happening is one log file was generated for the west to east pass, one short log file, then one file for the east to west pass. The log file data logger was doing exactly what it was supposed to, but it was triggering on the triggers set for CC8. This resulted in a short log file being generated.

To avoid this in the future, any SPU triggers set for adjacent test areas need to be set such that they are out of range from the areas being tested.

## Feb 22, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq #</u>	<u>Pass#</u>	<u>Pavemen t total run #</u>	<u>Comments</u>
				Start CC8 trafficking Phase I. Test area is between Sta. 330 and 390. Tire pressure 220 psi.
				Slow-roll response test. Use 2D gear at 10,000 lbs. per wheel, vehicle speed 0.5 mph. Traffic two passes (1 west to east, 1 east to west) on the following tracks: -4, -1, 0 and 4.
				Traffic test. North and south side 1 wander using two-wheel 2D gear at 20,000 lbs. per wheel, vehicle speed 2.5 mph. Trigger location, SPU 3 west 315, east 390.
				Overload test on the south side only. Traffic one wander pattern using 4-wheel 2D at module 3 and 4 on carriage 2.
08:21				Slow-roll test begins.
09:17	1	1	1	Full wander traffic test begins.
10:07	66	66	66	Test End for 1 <sup>st</sup> wander.
10:28	1	67	67	Overload test at 21,500 lbs. per wheel south side only begins.
11:17	66	132	132	Overload test end for 1 <sup>st</sup> wander.
11:29	1	133	133	Overload test at 22,500 lbs. per wheel south side only begins.
12:18	66	198	198	Overload test end for 2 <sup>nd</sup> wander.
12:27	1	199	199	Overload test at 23,000 lbs. per wheel south side only begins.
12:30	4	202	202	Stopped for C2M4 overload at Sta. 379 ft
12:31	3	201	201	Test resumed. Repeated pass # 201
13:18	66	264	264	Overload test end for 3 <sup>rd</sup> wander.
13:30	1	265	265	Overload test at 24,000 lbs. per wheel south side only begins.
14:18	66	330	330	Overload test end for 4 <sup>th</sup> wander.
14:31	1	331	331	Overload test at 25,000 lbs. per wheel south side only begins.
15:19	66	396	396	Overload test end for 5 <sup>th</sup> wander.

**End of testing for today.**

Slow-roll response test

Pass #	Track #	North C1M2	South C2M4	Speed	Load	Tire pressure
m1	-4	-15.662	8.838	0.5	10k	220 psi
m2	-4	-15.662	8.838	0.5	10k	220 psi
m3	-1	-13.103	11.397	0.5	10k	220 psi
m4	-1	-13.103	11.397	0.5	10k	220 psi
m5	0	-12.25	12.25	0.5	10k	220 psi
m6	0	-12.25	12.25	0.5	10k	220 psi
m7	4	-8.838	15.662	0.5	10k	220 psi
m8	4	-8.838	15.662	0.5	10k	220 psi

## Feb 23, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq</u> <u>#</u>	<u>Pass#</u>	<u>Pavemen</u> <u>t total</u> <u>run #</u>	<u>Comments</u>
-------------	------------------------	--------------	--	-----------------

Continued CC8 trafficking Phase I. Test area is between Sta. 330 and 390. Tire pressure 220 psi.

Traffic test. North and south side using two-wheel 2D gear at 20,000 lbs. per wheel, vehicle speed 2.5 mph. Trigger location, SPU 3 west 315, east 390.

07:33	1	397	397	Test begins.
08:36	54	482	482	Stopped for C2M4 overload at Sta. 379.
08:41	53	481	481	Test resumed. Repeated pass # 481.
10:34	38	632	632	Stopped for C2M4 overload at Sta. 379.
10:37	37	631	631	Test resumed. Repeated pass # 631.
11:24	35	695	695	Stopped for safety LASER at Sta.394
11:29	35	695	695	Test resumed. Repeated pass # 695.
11:52	66	726	726	Test end for 5 <sup>th</sup> wander.
12:10	1	727	727	Test resumed for next 4 wanders.
15:26	66	990	990	Test end for 9 <sup>th</sup> wander of today.

**End of testing for today.**

SPU data were not recorded from pass #490 to 680.

## Feb 24, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq #</u>	<u>Pass#</u>	<u>Pavemen t total run #</u>	<u>Comments</u>
				Continued CC8 trafficking Phase I. Test area is between Sta. 330 and 390. Tire pressure 220 psi.
				Traffic test. North and south side using two-wheel 2D gear at 20,000 lbs. per wheel, vehicle speed 2.5 mph. Trigger location, SPU 3 west 315, east 390.
07:29	1	991	991	Test begins.
07:45	22	1012	1012	Stopped for C2M4 overload at Sta. 376.51
07:49	21	1011	1011	Test resumed. Repeated pass #1011.
08:22	64	1054	1054	Stopped for C2M4 overload at Sta. 379.12
08:28	63	1053	1053	Test resumed. Repeated pass #1053.
11:41	58	1312	1312	Stopped for C2M4 overload at Sta. 379.8
11:42	57	1311	1311	Test resumed. Repeated pass #1311.
11:49	66	1320	1320	Test end for 5 <sup>th</sup> wander.
12:03	1	1321	1321	Test resumed for next 5 wanders.
16:08	66	1650	1650	Test end for 10 <sup>th</sup> wander
				End of testing for today.

## Feb 25, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq #</u>	<u>Pass#</u>	<u>Pavemen t total run #</u>	<u>Comments</u>
				Continued CC8 trafficking Phase I. Test area is between Sta. 330 and 390. Tire pressure 220 psi.
				Traffic test. North and south side using two-wheel 2D gear at 28,000 lbs. per wheel, vehicle speed 2.5 mph. Trigger location, SPU 3 west 315, east 390.
				Overload test on the south side only. Traffic one wander pattern using 4-wheel 2D at module 3 and 4 on carriage 2.
10:22	1	1651	1651	Test begins. 28k lbs. load for both north and south side.
11:11	66	1716	1716	Test end for 1 <sup>st</sup> wander.
11:25	1	1717	1717	Overload test at 28,500 lbs. per wheel south side only begins.
12:13	66	1782	1782	Overload test end for 1 <sup>st</sup> wander
12:22	1	1783	1783	Overload test at 29,500 lbs. per wheel south side only begins.
13:11	66	1848	1848	Overload test end for 2 <sup>nd</sup> wander.
13:20	1	1849	1849	Overload test at 30,500 lbs. per wheel south side only begins.
14:09	66	1914	1914	Overload test end for 3 <sup>rd</sup> wander.
				End of testing for today.

## Feb 26, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq #</u>	<u>Pass#</u>	<u>Pavemen t total run #</u>	<u>Comments</u>
				Continued CC8 trafficking Phase I. Test area is between Sta. 330 and 390. Tire pressure 220 psi.
				Overload test on the south side only. Traffic one wander pattern using 4-wheel 2D at module 3 and 4 on carriage 2.
				Traffic test. North and south side using two-wheel 2D gear at 28,000 lbs. per wheel, vehicle speed 2.5 mph. Trigger location, SPU 3 west 315, east 390.
07:28	1	1915	1915	Continue overload test at 31,500 lbs. per wheel south side only.
08:17	66	1980	1980	Overload test end for 4 <sup>th</sup> wander.
08:26	1	1981	1981	Overload test at 32,500 lbs. per wheel south side only begins.
09:15	66	2046	2046	Overload test end for 5th wander.
09:25	1	2047	2047	Test resumed for 28k lbs. trafficking for both north and south side.
14:19	66	2442	2442	Test end for 6 <sup>th</sup> wander

End of testing for today.

## Feb 29, 2016 NAPTF Notes

**Note: Please record “start and end time, cycles, etc...” for any activity (e.g. for profile measurements, straight edge, etc...)**

<u>Time</u>	<u>Seq #</u>	<u>Pass#</u>	<u>Pavemen t total run #</u>	<u>Comments</u>
				Continued CC8 trafficking Phase I. Test area is between Sta. 330 and 390. Tire pressure 220 psi.
				Traffic test. North and south side using two-wheel 2D gear C1M2 and C2M4 at 28,000 lbs. per wheel, vehicle speed 2.5 mph. Trigger location, SPU 3 west 315, east 390.
07:30	1	2443	2443	Test begins for 28k lbs. trafficking for both north and south side.
07:55	35	2477	2477	Stopped for C2M4 overload at Sta.329
08:02	35	2477	2477	Test resumed.
15:47	66	3102	3102	Test end for 10 <sup>th</sup> wander
				End of testing for today.