



**Inspection Form**  
FOIA Exemption: All (b)(6)

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181101-WMATA-TW-1		
	2018	11	01				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	ATC	<b>Sub- Department</b>	
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	College Park (E09) Train Control Room (TCR) from E1/E2 CM 532+00 to E1/E2 CM 528+00						

**Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	ATC-JSB-OBS	ATC-RM-PI				
<b>Inspection Units</b>	1	1				
<b>Inspection Subunits</b>	1	1				
<b>Defects (Number)</b>	0	2				
<b>Recommended Finding</b>	No	No				
<b>Remedial Action Required<sup>1</sup></b>	No	Yes				
<b>Recommended Reinspection</b>	No	Yes				

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Job Safety Briefing				<b>Activity Code</b>		ATC	JSB	OBS
<b>Job Briefing Employee Name/Title</b>	ATC #221		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
			X		X			X			
<b>Line(s)</b>	E-Line	<b>Track Number</b>	N/A	<b>Chain Marker and/or Station(s)</b>			<b>From</b>		<b>To</b>		
							College Park (E09) TCR		College Park (E09) TCR		
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A				
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

<b>Inspector in Charge - Signature</b>	TERRELL A WILLIAMS	<b>Date</b> Digitally signed by TERRELL A WILLIAMS Date: 2018.11.06 09:02:20 -05'00'
<b>Inspector in Charge - Name</b> Terrell Williams	<b>Inspection Team</b> Lee Emard and Robert Adams	



<b>Description</b>	<p>FWSO inspectors received a job safety briefing from the WMATA ATC 221 at College Park (E09) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.</p> <p><b>The FWSO inspectors did not note any defects.</b></p>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	ATC Observation				<b>Activity Code</b>	ATC	RM	PI	
<b>Job Briefing Employee Name/Title</b>	ATC #221		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>	N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	ATC 3000, 3003 - Interlocking Inspection										
	TRST 1000										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X				X			X			
<b>Line(s)</b>	E-Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	From			To			
					College Park (E09) E1/E2 CM 532+00			College Park (E09) E1/E2 CM 528+00			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>The FWSO inspectors observed WMATA ATC personnel perform an Interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. One FWSO inspector remained in the TCR and observed the operation and the other FWSO inspector observed wayside inspection on mainline track at College Park (E09) from E1/E2 CM 532+00 to CM 528+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000 9.10:</b> The number 4 switch rod was loose at switch 3B.</li> <li><b>TRST 1000 12.12:</b> Two C-Bonds were broken on switch 1B at the frog guard rail, field rail.</li> </ul>						<b>Number of Defects</b>	2			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> <li>WMATA must tighten up number 4 switch rod on switch 3B.</li> <li>WMATA must replace c-bonds on switch 1B at the frog guard rail, field rail.</li> </ul>										



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181103-WMATA-TW-1		
	2018	11	03				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	E and F-Line, Track 1, Mt. Vernon Sq. (E01) to L'Enfant Plaza (F03)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	1	2				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	No				
Recommended Reinspection	No	No				

### Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6442			Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0800-1200	Outside Shift	Yes			
Related Reports	N/A			Related CAPS / Findings			Remedial Action ID #1023							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM 51.586.09/18													
	MSRPH 5.4													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X						X					
Line(s)	F-Line	Track Number		N/A	Chain Marker and/or Station(s)			From		To				
								Archives (F02)		Archives (F02)				
Vehicles	Head Car Number		Number of Cars			Equipment		N/A						
	N/A		N/A											

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature		TERRELL A WILLIAMS		Date Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:19:28 -05'00'
Inspector in Charge - Name Terrell Williams	Inspection Team Alexander Nepa			



<b>Description</b>	<p>FWSO inspector received a job safety briefing from TRST 6442 at Archives (F02) briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.</p> <p><b>The following non-color-coded defect was observed:</b></p> <ul style="list-style-type: none"> <li><b>MSRPH 5.4:</b> The work zones were incorrectly identified in the job safety briefing and on the work zone locator map. The work zones were identified at F1 022+50 to E1 042+40. Actual work zones were F1 042+40 and E1 022+50. Compliance escorts immediately brought this to the attention of the Roadway Worker in Charge (RWIC). During the track walk observation, FWSO inspector did not observe any re-briefing. Remedial Action for this defect is addressed in WMATA's approach to remedial action ID #1023.</li> </ul>	<b>Number of Defects</b>	1
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection, Work Zone Observation				<b>Activity Code</b>	TRK	WI	OBS	
<b>Job Briefing Employee Name/Title</b>	TRST 687		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1200	<b>Outside Shift</b>	Yes	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>	<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>			
	TRST 1000										
	MSRPH										
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>FTA Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>
	X								X		
<b>Line(s)</b>	E and F Line	<b>Track Number</b>	Track 1	<b>Chain Marker and/or Station(s)</b>	<b>From</b>						
					Mt. Vernon Sq. (E01)		L'Enfant Plaza (F03)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>FWSO inspector performed a track inspection and work zone observation between Mt. Vernon Sq. (E01) and L'Enfant Plaza on track one. The scope of work included rail fastener and third rail insulator renewal, orgotherm welding, and drainage maintenance.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>MSRPH 5.11:</b> Between E1 022+00 and 023+00, six WMATA employees were observed without eye protection (safety glasses). Compliance escort immediately addressed this issue.</li> <li><b>MSRPH 5.11:</b> Between E1 022+00 and 023+00, four WMATA employees were observed without head protection (hard hats). Compliance escort immediately addressed this issue.</li> </ul> <p><b>Other notable observations:</b></p> <ul style="list-style-type: none"> <li>Between F1 090+00 and 010+00 on the left rail, an alignment deviation (dogleg) was observed. Exact measurements were not obtained but the defect appeared to be within WMATA tolerances.</li> <li>At both work zone locations, E1022+50 and F1 042+40, the newly introduced shunts were being utilized.</li> </ul>						<b>Number of Defects</b>	2			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	No			
							<b>Recommended Reinspection?</b>	No			
<b>Remedial Action</b>	N/A										



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181104-WMATA-TW-1		
	2018	11	04				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, Track 1, Minnesota Ave. (D09) to Stadium Armory (D08)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	13				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 679			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1300	Outside Shift	Yes			
Related Reports	N/A			Related CAPS / Findings			N/A							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X					X						
Line(s)	D-Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To				
								Minnesota Ave. (D09)		Minnesota Ave. (D09)				
Vehicles	Head Car Number		Number of Cars			Equipment			N/A					
	N/A		N/A											

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature	TERRELL A WILLIAMS		Date Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:25:50 -05'00'
Inspector in Charge - Name Terrell Williams	Inspection Team Alexander Nepa		



<b>Description</b>	FWSO inspector received a job safety briefing from TRST 679 at Minnesota Ave. (D09) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection				<b>Activity Code</b>		TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 679	<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1300	<b>Outside Shift</b>	Yes		
<b>Related Reports</b>	Safety Directive 17-1	<b>Related CAPS / Findings</b>			CAP: FTA-TPE-17-021-a, TOC-SRT-15-002, FTA-16-4-T-9 Remedial Action ID: 1120, 3123, 3125, 3127, 3128						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000	MSRP 5.13.6									
	RWPM 51.586 09/18										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
<b>Line(s)</b>	D Line	<b>Track Number</b>	Track 1	<b>Chain Marker and/or Station(s)</b>			From				
							Minnesota Ave. (D09)	Stadium Armory (D08)			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								

<b>Description</b>	FWSO inspector performed a track inspection between Minnesota Ave. (D09) and Stadium Armory (D08) on track one. During the inspection, five remedial actions were verified as complete.  <b>The following color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 7.7, table 7.1:</b> At D1 297+60, on the right rail, three consecutive loose non-holding fasteners were observed. The distance between holding fasteners was 108 inches. Condition was determined to be a maintenance condition. <b>Red condition.</b></li> <li><b>TRST 1000, 7.7, table 7.1:</b> At D1 297+50, on the right rail, three consecutive loose non-holding fasteners were observed. The distance between holding fasteners was 108 inches. Condition was determined to be a maintenance condition. <b>Red condition.</b></li> <li><b>TRST 1000, 7.7, table 7.1:</b> At D1 256+10, on the left rail, four consecutive loose non-holding fasteners were observed. The distance between holding fasteners was 120 inches. Condition was determined to be a maintenance condition. <b>Red condition.</b></li> </ul> <b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> At D1 314+60, the third rail end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach FTA-TPE-17-021-a.</li> <li><b>TRST 1000, 5.11.7:</b> Between D1 289+90 and 289+60 on the left rail, a spalling condition was observed.</li> <li><b>TRST 1000, 5.22.9.2:</b> At D1 283+90 on the left rail a damaged (chipped) rail was observed. See Figure 1 below.</li> <li><b>TRST 1000, 5.11.7:</b> At D1 272+00 on the left rail off the heel of the frog, a spalling condition was observed. See Figure 2 below.</li> <li><b>TRST 1000, 10.14:</b> At D1 261+40 an electrical junction box was dislodged from the conduit and lying in the walkway. See Figure 3 below.</li> </ul>	<b>Number of Defects</b>	13
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	Yes
		<b>Recommended Reinspection?</b>	Yes



	<ul style="list-style-type: none"> <li>• <b>TRST 1000, 13.5.7:</b> At D1 236+00, the third rail end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000, 13.3.13:</b> At D1 229+60, the third rail support bracket was disconnected.</li> <li>• <b>TRST 1000, 10.17.4.1:</b> At D1 217+00, relay third rail was observed in the gauge and walkway of the of the track.</li> <li>• <b>TRST1000, 10.17.4.1:</b> At D1 215+80, relay rail was observed in the gauge of the track.</li> <li>• <b>TRST 1000, 15.5.6:</b> At D1 212+30, collector shoe marks were observed striking the end of the third approach, and several broken collector shoes were observed in the area. See Figure 4 below.</li> </ul> <p><b>The following remedial actions were verified as complete:</b></p> <ul style="list-style-type: none"> <li>• Repairs have been made to the grout pads at D1 227+30.</li> <li>• Repairs have been made to the defective fasteners at D1 254+40.</li> <li>• Repairs have been made to the spalling and chipping rail conditions between D1 254+40 and 254+60.</li> <li>• Repairs have been made to the spalling and chipping rail conditions between D1 256+00 and 256+20.</li> <li>• Repairs have been made to the defective fasteners at D1 273+40.</li> </ul>		
<p><b>Remedial Action</b></p>	<p>To achieve compliance WMATA's requirements:</p> <ul style="list-style-type: none"> <li>• WMATA must repair the three non-holding fasteners at D1 297+60.</li> <li>• WMATA must repair the three non-holding fasteners at D1 297+50.</li> <li>• WMATA must tighten the four non-holding fasteners at D1 256+10.</li> <li>• WMATA must repair the spalling condition between D1 289+90 and 289+60.</li> <li>• WMATA must repair the damaged rail at D1 283+90.</li> <li>• WMATA must repair the spalling condition at D1 272+00.</li> <li>• WMATA must repair the damaged electrical junction box at D1 261+40.</li> <li>• WMATA must repair the third rail support bracket at D1 229+60</li> <li>• WMATA must remove the relay rail at D1 217+00.</li> <li>• WMATA must remove the relay rail at D1 215+80.</li> <li>• WMATA must adjust the height of the third rail end approach at D1 212+30.</li> </ul>		





Photos:

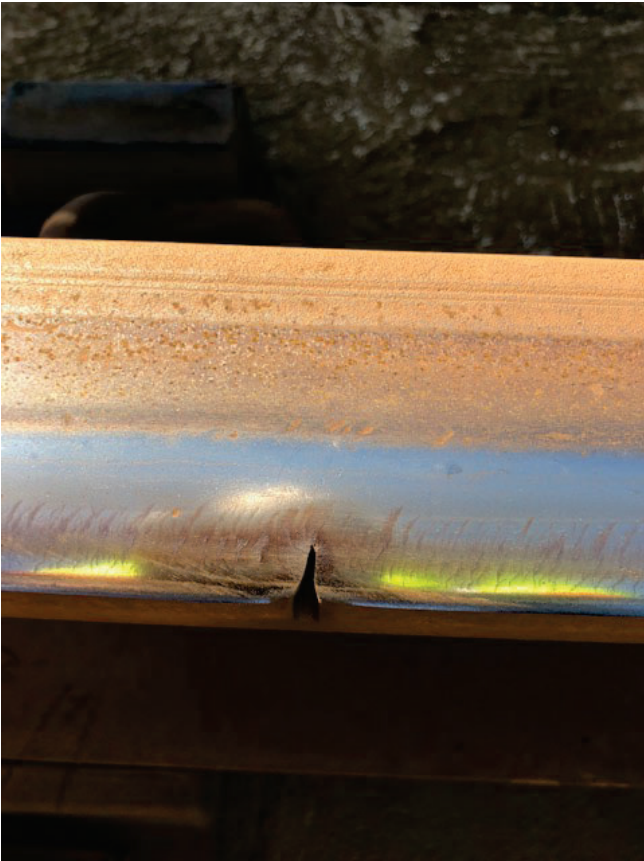


Figure 1: Damaged rail at D1 283+90.



Figure 2: Rail spalling at D1 272+00.





Figure 3: Dislodged electrical junction box at D1 261+40.



Figure 4: Collector shoe strike marks at D1 212+30 end approach.



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181106-WMATA-TW-1		
	2018	11	06				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub-Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	K-Line, Clarendon (K02) K1/K2 CM 223+00 to K1/K2 CM 219+00; Train Control Room (TCR) 115						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	2				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	ATC	JSB	OBS	
Job Briefing Employee Name/Title	ATC #2195		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings	N/A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X		X				X		
Line(s)	K-Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						Clarendon (K02) (TCR)		Clarendon (K02) (TCR)			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature	TERRELL A WILLIAMS		Date	Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:31:07 -05'00'
Inspector in Charge - Name	Terrell Williams			
Inspection Team	Lee Emard and Robert Adams			



Description	FWSO inspectors received a job safety briefing from the WMATA ATC 2195 at Clarendon (K02) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspectors did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	ATC Observation					Activity Code	ATC	RM	PI
Job Briefing Employee Name/Title	ATC #2195		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	ATC 3000, 3003 - Interlocking Inspection										
	TRST 1000										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X				X				X		
Line(s)	K-Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From		To				
					Clarendon (K02) K1/K2 CM 223+00		Clarendon (K02) K1/K2 CM 219+00				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	The FWSO inspectors observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. One FWSO inspector remained in the TCR and observed the operation and the other FWSO inspector observed wayside inspection on mainline track at Clarendon (K02) from K1/K2 CM 223+00 to CM 219+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.  <b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li>● <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K1 220+00. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K2 222+00. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> </ul>						Number of Defects	2			
							Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	N/A										



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181107-WMATA-TW-1		
	2018	11	07				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	N-Line, Tysons Corner (N02) N1/N2 CM 697+00 to N1/N2 CM 702+00; Train Control Room (TCR)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	3				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	ATC	JSB	OBS	
Job Briefing Employee Name/Title	ATC #278		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X		X			X			
Line(s)	N-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Tysons Corner (N02) TCR			Tysons Corner (N02) TCR			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature	TERRELL A WILLIAMS		Date	Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:43:20 -05'00'	
Inspector in Charge - Name Terrell Williams	Inspection Team Robert Adams & Alexander Nepa				



<b>Description</b>	FWSO inspectors received a job safety briefing from the WMATA ATC 278 at Tysons Corner (N02) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspectors did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	ATC Observation				<b>Activity Code</b>	ATC	RM	PI	
<b>Job Briefing Employee Name/Title</b>	ATC 278		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1300	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		CAP: FTA-16-4-T-9						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	ATC 3000, 3003 - Interlocking Inspection										
	TRST 1000										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X				X			X			
<b>Line(s)</b>	N-Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	From			To			
					Tysons Corner (N02)			Tysons Corner (N02)			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	The FWSO inspectors observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. One FWSO inspector remained in the TCR and observed the operation and the other FWSO inspector observed wayside inspection on mainline track at Tysons Corner (N02) from N1/N2 CM 697+00 to 702+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.  <b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 9.10:</b> At the 3A switch, N1 698+10 numbers three and four switch rods were loose.</li> <li><b>TRST 1000, 9.10:</b> At the 3B switch, N2 701+90 the number four rod was loose.</li> <li><b>TRST 1000 3.1.2.2:</b> At N2 698+00 at the 1B switch, the center drain was blocked. Remedial action for this defect is addressed in WMATA's approach FTA-16-4-T-9. See Figure 1 below.</li> </ul>						<b>Number of Defects</b>	3			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> <li>WMATA must tighten numbers three and four switch rods in the 3A switch.</li> <li>WMATA must tighten the number four switch rod in the 3B switch.</li> </ul>										



Photos:



Figure 1: Blocked center drain at N2 698+00.





# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181107-WMATA-TW-2		
	2018	11	07				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub-Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	K-Line, Ballston-MU (K04) K1/K2 CM 273+00 to K1/K2 CM 277+00; Train Control Room 115 (TCR)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	3				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	ATC	JSB	OBS	
Job Briefing Employee Name/Title	ATC #2132		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings	N/A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X		X				X		
Line(s)	K-Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						Ballston-MU (K04) (TCR)		Ballston-MU (K04) (TCR)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature	TERRELL A WILLIAMS		Date Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:47:01 -05'00'
Inspector in Charge - Name Terrell Williams	Inspection Team Lee Emard		





<b>Description</b>	<p>FWSO inspector received a job safety briefing from the WMATA ATC 2132 at Ballston-MU (K04) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.</p> <p><b>The FWSO inspector did not note any defects.</b></p>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	ATC Observation				<b>Activity Code</b>	ATC	RM	PI	
<b>Job Briefing Employee Name/Title</b>	ATC #2132		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		FTA-TPE-17-021-A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	ATC 3000, 3003 - Interlocking Inspection										
	TRST 1000										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X				X				X		
<b>Line(s)</b>	K-Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	From		To				
					Ballston-MU(K04) K1/K2 CM 273+00		Ballston-MU(K04) K1/K2 CM 277+00				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>The FWSO inspector observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspector observed wayside inspection on mainline track at Ballston-MU (K04) from K1/K2 CM 273+00 to CM 277+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li>● <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K1 274+80. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K1 276+30. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K2 274+90. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> </ul>						<b>Number of Defects</b>	3			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	N/A										



# Inspection Form

FOIA Exemption: All (b)(6)

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181108-WMATA-TW-1		
	2018	11	08				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	ATC	<b>Sub-Department</b>	
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	N-Line, Wiehle-Reston East (N06) Train Control Room (TCR)						

**Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	ATC-JSB-OBS	ATC-RM-PI				
<b>Inspection Units</b>	1	1				
<b>Inspection Subunits</b>	1	1				
<b>Defects (Number)</b>	0	4				
<b>Recommended Finding</b>	No	No				
<b>Remedial Action Required<sup>1</sup></b>	No	Yes				
<b>Recommended Reinspection</b>	No	Yes				

**Activity Summaries**

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code		ATC	JSB	OBS
<b>Job Briefing Employee Name/Title</b>		ATC #2334	<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>		N/A	<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>	<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>			
	MSRPH										
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>FTA Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>
			X		X			X			
<b>Line(s)</b>	N-Line	<b>Track Number</b>	N/A	<b>Chain Marker and/or Station(s)</b>	<b>From</b>			<b>To</b>			
					Wiehle-Reston East (N06) TCR 122			Wiehle-Reston East (N06) TCR 122			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

<b>Inspector in Charge - Signature</b>	<b>TERRELL A WILLIAMS</b>	Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:50:32 -05'00'
<b>Inspector in Charge - Name</b> Terrell Williams	<b>Inspection Team</b> Alexander Nepa	



<b>Description</b>	FWSO inspector received a job safety briefing from the WMATA ATC 2334 at Wiehle-Reston East (N06) TCR 122. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	ATC Observation				<b>Activity Code</b>	ATC	RM	PI	
<b>Job Briefing Employee Name/Title</b>	ATC #2334		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>	N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	ATC 3000, 3003 - Interlocking Inspection										
	TRST 1000										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X				X			X			
<b>Line(s)</b>	N-Line	<b>Track Number</b>	Tracks 1, 2 and 3	<b>Chain Marker and/or Station(s)</b>	From			To			
					Wiehle-Reston East (N06)			Wiehle-Reston East (N06)			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>The FWSO inspector observed WMATA ATC personnel perform an interlocking inspection and obstruction testing in accordance with the ATC 3000 manual - 3003 interlocking inspection. Switches 5, 7, 11A, 11B, 9A, 9B and derail 13 were inspected.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 9.10:</b> At the 5B switch, the number three switch rod was loose.</li> <li><b>TRST 1000, 3.1.2.4:</b> At the 13 derail, a broken heater wire was observed.</li> <li><b>TRST 1000 figure 9.5:</b> At the 11A switch, the left heel block had a broken bolt.</li> <li><b>TRST 1000 5.11.2.3 (b):</b> At the 11A switch, on both rails between the switch point and the wing rail of the frog, a corrugation condition was observed.</li> </ul> <p><b>Other notable observations:</b></p> <ul style="list-style-type: none"> <li>On the 11A switch, the right switch point was showing signs of side wear and dynamic lateral movement was observed. Side wear was most notable four feet from the point of the switch and measured three feet in length.</li> </ul>						<b>Number of Defects</b>	4			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> <li>WMATA must tighten the number three switch rod in the 5B switch.</li> <li>WMATA must repair the broken switch heater cable at the 13 derail.</li> <li>WMATA must replace the broken bolt at the heel of the 11A switch.</li> <li>WMATA must address the corrugation condition at the 11A switch.</li> </ul>										



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181108-WMATA-TW-2		
	2018	11	08				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Vienna Fairfax - GMU (K08) K1/K2 CM 776+00 to K1/K2 CM 772+00; Train Control Room 308 (TCR)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	7				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	ATC	JSB	OBS	
Job Briefing Employee Name/Title	ATC #2180		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X		X			X			
Line(s)	K-Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						Vienna Fairfax - GMU (K08) TCR		Vienna Fairfax - GMU (K08) TCR			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature	TERRELL A WILLIAMS		Date Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:37:27 -05'00'
Inspector in Charge - Name Terrell Williams	Inspection Team Lee Emard and Robert Adams		



<b>Description</b>	FWSO inspectors received a job safety briefing from the WMATA ATC 2180 at Vienna Fairfax – GMU (K08) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspectors did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	ATC Observation					<b>Activity Code</b>	ATC	RM	PI
<b>Job Briefing Employee Name/Title</b>	ATC #2180		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>			FTA-TPE-17-021-A					
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard			Other / Title		Checklist Reference		
	ATC 3000, 3003 - Interlocking Inspection										
	TRST 1000										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X				X			X			
<b>Line(s)</b>	K-Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	From			To			
					Vienna Fairfax - GMU (K08) K1/K2 CM 776+00			Vienna Fairfax - GMU (K08) K1/K2 CM 772+00			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								

<b>Description</b>	<p>The FWSO inspectors observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. One FWSO inspector remained in the TCR and observed the operation and the other FWSO inspector observed wayside inspection on mainline track at Vienna Fairfax - GMU (K08) from K1/K2 CM 776+00 to CM 772+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.</p> <p><b>The following color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000 5-20:</b> Insulated rail joint at CM K1 772+20 had a 3/16-inch rail end mismatch and a 3/4-inch vertical deflection. The wheel flange was hitting the joint bar. See Figure 1 below. <b>Yellow condition.</b></li> </ul> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K1 772+20. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K1 775+00. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000 13.5.6:</b> Third rail end approach was worn and burnt up the total length of approach over 1 inch at CM K1 772+30.</li> <li><b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K2 774+40. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K2 7771+80. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000 13.5.6:</b> Third rail end approach was worn down on the tip of the end approach five inches back and 1/2 wear at CM K2 772+60.</li> </ul>	<b>Number of Defects</b>	7
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	Yes
		<b>Recommended Reinspection?</b>	Yes



	<b>Other notable observations:</b> <ul style="list-style-type: none"><li>• Diamond frog at CM 774+20 showed wear on the wing and was close to being out of tolerance. See Figure 2 below.</li></ul>		
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"><li>• WMATA must correct insulated joint mismatch at K1 772+20.</li><li>• WMATA must replace third rail end approach at CM K1 772+30.</li><li>• WWMATA must replace third rail end approach at CM K2 772+60.</li></ul>		

**Photos:**



Figure 1: Insulated Joint at CM K1 772+20.



Figure 2: Diamond frog at CM 774+20.





# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181110-WMATA-TW-1		
	2018	11	10				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	C-Line, Tracks 1 and 2, Crystal City (C09) to Ronald Reagan Washington National Airport (C10)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	No				
Recommended Reinspection	No	No				

### Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing		Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6271	Accompanied Inspector?			No	Out Brief Conducted		Yes	Time	0800-1300	Outside Shift	Yes	
Related Reports	N/A			Related CAPS / Findings		N/A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference				
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X						X				
Line(s)	C-Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To					
						Crystal City (C09)		Crystal City (C09)					
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature	TERRELL A WILLIAMS		Date Digitally signed by TERRELL A WILLIAMS Date: 2018.11.16 07:10:47 -05'00
Inspector in Charge - Name Terrell Williams	Inspection Team Alexander Nepa		





<b>Description</b>	FWSO inspector received a job safety briefing from TRST 6271 at the Crystal City (C09) briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>					Track Inspection		<b>Activity Code</b>		TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 621			<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1300	<b>Outside Shift</b>	Yes		
<b>Related Reports</b>	N/A			<b>Related CAPS / Findings</b>		N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	TRST 1000												
	RWPM 2014												
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A		
	X								X				
<b>Line(s)</b>	C-Line	<b>Track Number</b>	Track 1 and 2	<b>Chain Marker and/or Station(s)</b>	From								
					C1 and C2 317+12		C1 and C2 493+86						
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A							
	N/A		N/A										
<b>Description</b>	FWSO inspector performed a work zone set-up verification and track inspection on the C-Line between 317+12 and 493+86 tracks one and two. Inspector also observed cable wire installation and ballast distribution. All roadway workers were observed wearing all required PPE. The work zone locations identified in the job safety briefing were located where indicated.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0										
		<b>Recommended Finding?</b>	No										
		<b>Remedial Action Required?</b>	No										
		<b>Recommended Reinspection?</b>	No										
<b>Remedial Action</b>	N/A												



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181111-WMATA-TW-1		
	2018	11	11				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	E-Line, Track 1, Greenbelt (E0) to College Park (E09)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	2				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing		Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 601	Accompanied Inspector?			Yes	Out Brief Conducted		Yes	Time	0800-1300	Outside Shift	Yes	
Related Reports	N/A			Related CAPS / Findings		N/A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference				
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X					X					
Line(s)	E-Line	Track Number	N/A		Chain Marker and/or Station(s)		From		To				
							Greenbelt (E10)		Greenbelt (E10)				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature	TERRELL A WILLIAMS		Date Digitally signed by TERRELL A WILLIAMS Date: 2018.11.16 07:07:08 -05'00'
Inspector in Charge - Name Terrell Williams	Inspection Team Alexander Nepa		



<b>Description</b>	FWSO inspector received a job safety briefing from TRST 601 at Greenbelt (E10) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection				<b>Activity Code</b>	TRK	WI	OBS	
<b>Job Briefing Employee Name/Title</b>	TRST 601	<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1300	<b>Outside Shift</b>	Yes		
<b>Related Reports</b>	Safety Directive 17-1	<b>Related CAPS / Findings</b>			CAP: FTA-TPE-17-021-a Remedial Action ID: 3068						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X			
<b>Line(s)</b>	E Line	<b>Track Number</b>	Track 1	<b>Chain Marker and/or Station(s)</b>			From				
							Greenbelt (E10)		College Park (E09)		
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspector performed a remedial action verification and track inspection between Greenbelt (E10) and College Park (E09) on track one.						<b>Number of Defects</b>	2			
	<b>The following non-color-coded defects were observed:</b>						<b>Recommended Finding?</b>	No			
	<ul style="list-style-type: none"> <li><b>TRST 1000, 9.28:</b> At E1 659+10 at the 1A crossover diamond, a guard rail bolt was missing.</li> <li><b>TRST 1000, 13.5.7:</b> At E1 566+90, the third rail end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> </ul>						<b>Remedial Action Required?</b>	Yes			
	<b>The following remedial action was verified as complete:</b> <ul style="list-style-type: none"> <li>The Emergency Trip Station (ETS) light at E1554+50, ETS box # E176, has been repaired.</li> </ul>						<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> <li>WMATA must repair the broken guard rail bolt at E1 569+90 crossover at the diamond.</li> </ul>										



**Inspection Form**  
FOIA Exemption: All (b)(6)

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181113-WMATA-WP-1		
	2018	11	13				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	TRST	<b>Sub-Department</b>	TKIN
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	C-Line, Track 1, Crystal City (C09) to Ronald Reagan Washington National Airport (C10)						

**Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	TRK-JSB-OBS	TRK-WI-OBS				
<b>Inspection Units</b>	1	1				
<b>Inspection Subunits</b>	1	0				
<b>Defects (Number)</b>	0	0				
<b>Recommended Finding</b>	No	No				
<b>Remedial Action Required<sup>1</sup></b>	No	No				
<b>Recommended Reinspection</b>	No	No				

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Job Safety Briefing				<b>Activity Code</b>		TRK	JSB	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 601		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1300	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>	<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>			
	RWPM										
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>FTA Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>
			X						X		
<b>Line(s)</b>	C-Line	<b>Track Number</b>	N/A		<b>Chain Marker and/or Station(s)</b>		<b>From</b>		<b>To</b>		
							Crystal City (C09)		Crystal City (C09)		
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A				
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

<b>Inspector in Charge - Signature</b>		<b>Date</b>
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.11.30 12:52:54 -05'00'
<b>Inspector in Charge - Name</b> Winslow Powell	<b>Inspection Team</b> Alexander Nepa	



<b>Description</b>	FWSO inspector received a job safety briefing from TRST 601 at Crystal City (C09) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Maintenance Follow-up				<b>Activity Code</b>		TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 601		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1300	<b>Outside Shift</b>	No	
<b>Related Reports</b>	Safety Directive 17-1		<b>Related CAPS / Findings</b>		CAP: FTA-TPE-17-021-a						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
<b>Line(s)</b>	C-Line	<b>Track Number</b>	Track 1	<b>Chain Marker and/or Station(s)</b>	From						
					Crystal City (C09)		Ronald Reagan Washington National Airport (C10)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspector performed a track inspection between Crystal City (C09) and Ronald Reagan Washington National Airport (C10) on track one to follow up on recently completed track maintenance. Inspector observed all completed work to be compliant with WMATA standards. Work completed included fastener and grout pad renewal, as well as switch maintenance.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0								
		<b>Recommended Finding?</b>	No								
		<b>Remedial Action Required?</b>	No								
		<b>Recommended Reinspection?</b>	No								
<b>Remedial Action</b>	N/A										



# Inspection Form

FOIA Exemption: All (b)(6)

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181114-WMATA-WP-1		
	2018	11	14				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	ATC	<b>Sub-Department</b>	
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	A-Line, Twinbrook (A13) Train Control Room (TCR) 111 and CM A1 665+00 to CM A1 742+25						

**Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	ATC-JSB-OBS	ATC-RM-PI				
<b>Inspection Units</b>	1	1				
<b>Inspection Subunits</b>	1	1				
<b>Defects (Number)</b>	0	11				
<b>Recommended Finding</b>	No	No				
<b>Remedial Action Required<sup>1</sup></b>	No	No				
<b>Recommended Reinspection</b>	No	Yes				

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Job Safety Briefing				<b>Activity Code</b>		ATC	JSB	OBS
<b>Job Briefing Employee Name/Title</b>	ATC 2251		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>		<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>		
	MSRPH										
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>FTA Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>
			X					X			
<b>Line(s)</b>	A-Line	<b>Track Number</b>	N/A	<b>Chain Marker and/or Station(s)</b>	<b>From</b>			<b>To</b>			
					Twinbrook (A13)			Twinbrook (A13)			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

<b>Inspector in Charge - Signature</b>	<b>Date</b>
WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL Date: 2018.12.04 08:45:03 -05'00'
<b>Inspector in Charge - Name</b> Winslow Powell	<b>Inspection Team</b> Lee Emard



Description	FWSO inspector received a job safety briefing from the WMATA ATC 2251. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspector did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	ATC Track Circuit Shunt Verification Inspection				Activity Code	ATC	RM	PI
Job Briefing Employee Name/Title	ATC 2343		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No

Related Reports	N/A	Related CAPS / Findings	Remedial Action ID: 2454, 2456, 1536 CAP: FTA-TPE-17-021-A							
-----------------	-----	-------------------------	---------------------------------------------------------------	--	--	--	--	--	--	--

Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title	Checklist Reference
	ATC 1000 - 1012C TRACK CIRCUIT SHUNT VERIFICATION TEST (REVISION 3, JANUARY, 2016)				
	ATC 1000 - 1012D AF TRACK CIRCUIT RECEIVER OUTPUT TEST (UNINTENDED SIGNAL) (REVISION 3, JANUARY, 2016)				
	TRST 1000				

Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X		X		X			X	X		

Line(s)	A-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From	To
						Twinbrook (A13) TCR CM A1 665+00

Vehicles	Head Car Number	Number of Cars	Equipment
	N/A	N/A	N/A

Description	The FWSO inspector observed WMATA ATC personnel perform track circuit shunt verification and unintended signal tests in accordance with the ATC 1000 manual - 1012C test and ATC 1000 manual - 1012D test respectively. FWSO inspector was wayside on mainline track. The track circuit shunt verification and unintended signal tests were done for 16 track circuits located wayside between CM A1 665+00 and CM A1 742+25.  <b>The following non-color-coded defects were noted:</b> <ul style="list-style-type: none"> <li>● <b>TRST 1000, 13.3.4:</b> Third rail anchor arm was broken at CM A1 710+80.</li> <li>● <b>TRST 1000, 10.17.4.1:</b> Relay rail was located between running rail and safety walk, creating a tripping hazard between CM A1 680+40 to CM A1 705+60.</li> <li>● <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 705+40. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 708+90. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul>	Number of Defects	11
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	Yes





	<ul style="list-style-type: none"> <li>● <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 709+60. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000, 13.3.4:</b> Third rail anchor arm was broken at CM A1 703+50.</li> <li>● <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 711+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 716+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000, 10.14:</b> Emergency Trip Station (ETS) Light was broken at box #A 203 at CM A1 731+13.</li> <li>● <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li>● <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul> <p><b>The following remedial actions were verified as complete:</b></p> <ul style="list-style-type: none"> <li>● WMATA has repaired the chain marker at CM A1 681+00.</li> <li>● WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.</li> <li>● WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50.</li> </ul>		
<p><b>Remedial Action</b></p>	<p>To achieve compliance with WMAT's requirements:</p> <ul style="list-style-type: none"> <li>● WMATA must replace third rail anchor arm at CM A1 710+80.</li> <li>● WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.</li> <li>● WMATA must replace third rail anchor arm at CM A1 703+50.</li> <li>● WMATA must repair ETS Light at box # A203 at CM A1 731+13.</li> </ul>		



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181114-WMATA-WP-2		
	2018	11	14				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	F and E-Lines, Track 2, L'Enfant Plaza (F03) to Mt. Vernon Sq (E01)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	9				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 677			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1330	Outside Shift	No		
Related Reports	N/A			Related CAPS / Findings			N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X						X				
Line(s)	F-Line	Track Number		N/A	Chain Marker and/or Station(s)			From		To			
								L'Enfant Plaza (F03)		L'Enfant Plaza (F03)			
Vehicles	Head Car Number		Number of Cars			Equipment	N/A						
	N/A		N/A										

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.11.30 12:38:18 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa & Robert Adams		



<b>Description</b>	FWSO inspectors received a job safety briefing from TRST 677 at L'Enfant Plaza (F03) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspectors did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection				<b>Activity Code</b>	TRK	WI	OBS	
<b>Job Briefing Employee Name/Title</b>	TRST 677	<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1330	<b>Outside Shift</b>	No		
<b>Related Reports</b>	N/A	<b>Related CAPS / Findings</b>		CAP: TOC-SRT-15-002 Remedial Action ID: 3173, 3174, 2591							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X								X		
<b>Line(s)</b>	F and E Lines	<b>Track Number</b>	Track 2	<b>Chain Marker and/or Station(s)</b>		From					
						L'Enfant Plaza (F03)	Mt. Vernon Sq (E01)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspectors performed a remedial action verification and track inspection between L'Enfant Plaza (F03) and Mt. Vernon Sq. on track two.						<b>Number of Defects</b>	9			
	<p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li>• <b>TRST 1000, Figure 9-5:</b> At F2 043+00 on the 1B switch, the left heel block had two loose bolts.</li> <li>• <b>TRST 1000, 10.18:</b> At F2 038+00, a catwalk hand rail has become partially dislodged from the wall. See Figure 1 below.</li> <li>• <b>TRST 1000, 5.11.4:</b> At F2 035+35 on the right rail, advanced web corrosion was observed. See Figure 2 below.</li> <li>• <b>TRST 1000, 3.1.2.2:</b> At F2 033+25, the center drain has corroded and deteriorated, which could cause a trip and fall hazard. See Figure 3 below.</li> <li>• <b>TRST 1000, 3.2.2.4:</b> At F2 026+50, a side wall tunnel leak was observed. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002.</li> <li>• <b>TRST 1000, 10.17.4.1:</b> At F2 007+00, relay rail was observed between the field side of the track and the catwalk.</li> <li>• <b>TRST 1000, 10.15:</b> Between E2 006+00 and 008+00, the newly installed LED lights were not illuminated.</li> <li>• <b>TRST 1000, 3.2.2.4:</b> At E2 015+15, a side wall tunnel leak was observed. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002.</li> <li>• <b>TRST 1000, Figure 9-5:</b> At E2 023+00 on the 3B switch, the left heel block had loose bolts.</li> </ul> <p><b>The following remedial actions were verified as complete:</b></p> <ul style="list-style-type: none"> <li>• WMATA has repaired the non-holding fasteners at F1 024+90.</li> <li>• WMATA has removed the portex straps at F1 026+50.</li> <li>• WMATA has replaced the missing third rail insulator support at E2 024+90.</li> </ul>						<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements:										



- WMATA must tighten the heel block bolts at F1 043+00 1B switch.
- WMATA must repair the broken hand rail at F1 038+00.
- WMATA must address the corrosion on the web of the rail at F2 035+35.
- WMATA must replace the center drain at F2 033+25.
- WMATA must remove the relay rail at F2 007+00.
- WMATA must repair the LED lights between E2 006+00 and 008+00.
- WMATA must tighten the heel block bolts at E2 023+00 3B switch.

**Photos:**



**Figure 1:** Dislodged hand railing at F2 038+00.



**Figure 2:** Web corrosion on the right rail at F2 035+35.



**Figure 3:** Deteriorated and corroded center drain at F2 033+25.



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181115-WMATA-WP-1		
	2018	11	15				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	L-Line, Track 2, CM F2 101+00 to L'Enfant Plaza (F03)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	3				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 679			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1330	Outside Shift	No		
Related Reports	N/A			Related CAPS / Findings			N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X						X				
Line(s)	L-Line	Track Number	N/A		Chain Marker and/or Station(s)			From		To			
							L'Enfant Plaza (F03)		L'Enfant Plaza (F03)				
Vehicles	Head Car Number		Number of Cars			Equipment	N/A						
	N/A		N/A										

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.11.30 12:44:21 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa & Robert Adams		





<b>Description</b>	FWSO inspectors received a job safety briefing from TRST 679 at L'Enfant Plaza (F03) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspectors did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection				<b>Activity Code</b>	TRK	WI	OBS	
<b>Job Briefing Employee Name/Title</b>	TRST 677	<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1330	<b>Outside Shift</b>	No		
<b>Related Reports</b>	Safety Directive 17-1		<b>Related CAPS / Findings</b>	CAP: FTA-TPE-17-021-a, TOC-SRT-15-002							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X								X		
<b>Line(s)</b>	L-Line	<b>Track Number</b>	Track 2	<b>Chain Marker and/or Station(s)</b>		From					
						CM L2 101+00	L'Enfant Plaza (F03)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspectors performed a remedial action verification and track inspection between CM F2 101+00 and L'Enfant Plaza (F03) on track two.						<b>Number of Defects</b>	3			
	<b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 10.14:</b> At L2 073+20, Emergency Trip Station (ETS) box L6 had a broken cover.</li> <li><b>TRST 1000, 13.5.7:</b> At L2 071+00, the third rail end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li><b>TRST 1000, 3.2.2.4:</b> At L2 026+50 070+60, a side wall tunnel leak was observed. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002. See Figure 1 below.</li> </ul> <b>Other notable observations:</b> <ul style="list-style-type: none"> <li>On the outbound side of track two at L'Enfant Plaza eight car marker, a contract Advanced Mobile Flagman (AMF) did not appear to be keeping a vigilant look-out for approaching trains, did not flag an approaching train as required, and did not read from the card instructions to the train of a work group occupying the track. These deficiencies were addressed by the escorting compliance officers.</li> </ul>						<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> <li>WMATA must repair the ETS box cover at L2 073+20</li> </ul>										





Photos:



Figure 1: Tunnel leak at L2 070+60.



**Inspection Form**  
FOIA Exemption: All (b)(6)

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181115-WMATA-WP-2		
	2018	11	15				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	ATC	<b>Sub-Department</b>	
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	A-Line, Metro Center (A01) Train Control Room (TCR) 103 and CM A2 038+00 to CM A2 006+45						

**Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	ATC-JSB-OBS	ATC-RM-PI				
<b>Inspection Units</b>	1	1				
<b>Inspection Subunits</b>	1	1				
<b>Defects (Number)</b>	0	6				
<b>Recommended Finding</b>	No	No				
<b>Remedial Action Required<sup>1</sup></b>	No	No				
<b>Recommended Reinspection</b>	No	Yes				

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>				Job Safety Briefing			<b>Activity Code</b>		ATC	JSB	OBS
<b>Job Briefing Employee Name/Title</b>	ATC #2225			<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No		
<b>Related Reports</b>	N/A			<b>Related CAPS / Findings</b>			N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>		<b>Rule or SOP</b>		<b>Standard</b>			<b>Other / Title</b>		<b>Checklist Reference</b>			
	MSRPH												
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>FTA Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>		
			X						X				
<b>Line(s)</b>	A-Line		<b>Track Number</b>	N/A	<b>Chain Marker and/or Station(s)</b>			<b>From</b>		<b>To</b>			
								Metro Center (A01)		Metro Center (A01)			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>			N/A					
	N/A		N/A										

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

<b>Inspector in Charge - Signature</b>		WINSLOW L. POWELL		<b>Date</b>	Digitally signed by WINSLOW L. POWELL Date: 2018.11.30 12:49:24 -05'00'
<b>Inspector in Charge - Name</b> Winslow Powell	<b>Inspection Team</b> Lee Emard				



Description	FWSO inspector received a job safety briefing from the WMATA ATC 2225. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspector did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	ATC Track Circuit Shunt Verification Inspection				Activity Code	ATC	RM	PI
Job Briefing Employee Name/Title	ATC 2225		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No
Related Reports	N/A		Related CAPS / Findings	CAP: FTA-TPE-17-021-A						

Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title	Checklist Reference
	ATC 1000 - 1012C TRACK CIRCUIT SHUNT VERIFICATION TEST (REVISION 3, JANUARY, 2016)				
	ATC 1000 - 1012D AF TRACK CIRCUIT RECEIVER OUTPUT TEST (UNINTENDED SIGNAL) (REVISION 3, JANUARY, 2016)				
	TRST 1000				

Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X		X		X					X	

Line(s)	A-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From	To
					Metro Center (A01) TCR CM A1 038+00	Metro Center (A01) TCR CM A2 006+45

Vehicles	Head Car Number	Number of Cars	Equipment
	N/A	N/A	

Description	<p>The FWSO inspector observed WMATA ATC personnel perform track circuit shunt verification and unintended signal tests in accordance with the ATC 1000 manual - 1012C test and ATC 1000 manual - 1012D test respectively. FWSO inspector was wayside on mainline track. The track circuit shunt verification and unintended signal tests were done for 13 track circuits located wayside between CM A2 038+00 and CM A2 006+45.</p> <p><b>The following non-color-coded defects were noted:</b></p> <ul style="list-style-type: none"> <li>• <b>TRST 1000, 10.17.4.1:</b> Relay rail was located between running rail and safety walk, creating a tripping hazard between CM A2 036+00 to CM A2 020+00.</li> <li>• <b>TRST 1000, 13.3.11:</b> Defective third rail support insulator was observed at CM A2 023+40.</li> <li>• <b>TRST 1000, 13.3.11:</b> Defective third rail support insulator was observed at CM A2 023+50.</li> <li>• <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A2 016+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li>• <b>TRST 1000, 10.17.4.1:</b> Relay rail was located between running rail and safety walk, creating a tripping hazard between CM A2 010+90 to CM A2 010+20.</li> </ul>	Number of Defects	6
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



United States Department of Transportation  
Federal Transit Administration

	<ul style="list-style-type: none"><li>• <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A2 004+70. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li></ul>		
<b>Remedial Action</b>	To achieve compliance with WMAT's requirements: <ul style="list-style-type: none"><li>• WMATA must remove relay rail between CM A2 036+00 and CM A2 020+00.</li><li>• WMATA must replace third support insulator at CM A 023+40.</li><li>• WMATA must replace third support insulator at CM A 023+50.</li><li>• WMATA must remove relay rail between CM A2 010+90 and CM A2 010+20.</li></ul>		



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181116-WMATA-WP-1		
	2018	11	16				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub-Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	C-Line, McPherson Square (C02), track 1 and 2, CM 026+00 to CM 034+00; Train Control Room (TCR) 118						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	6				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	ATC	JSB	OBS	
Job Briefing Employee Name/Title	ATC 220		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings	N/A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X				X		
Line(s)	C Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						McPherson Square (C02) TCR		McPherson Square (C02) TCR			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.11.30 12:57:12 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Lee Emard and Edward Nicholson		



<b>Description</b>	FWSO inspectors received a job safety briefing from the WMATA ATC 220 at McPherson Square (C02), Train Control Room 112. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspectors did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	ATC Observation				<b>Activity Code</b>	ATC	RM	PI	
<b>Job Briefing Employee Name/Title</b>	ATC #220		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>	CAP: FTA-TPE-17-021-A							
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>	<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>			
	ATC 3000, 3003 - Interlocking Inspection										
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>FTA Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>
	X				X				X		
<b>Line(s)</b>	C Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	<b>From</b>			<b>To</b>			
					McPherson Square (C02) C1/C2 CM 026+00			McPherson Square (C02) C1/C2 CM 034+00			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>The FWSO inspectors observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspectors went wayside on mainline track at McPherson Square (C02) from C1/C2 CM 026+00 to CM 034+00. The switches 1A/3A on track 1 and switches 1B/3B/5 on track 2 were inspected.</p> <p><b>The following non-color-coded defects were noted:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM C2 029+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM C2 029+70. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.3.4:</b> Third rail anchor arm was broken at CM C2 029+80.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM C2 031+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM C2 031+40. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 12-23:</b> Wee-Zee Bond was missing a bolt on cable connection extension at CM C2 032+40.</li> </ul>						<b>Number of Defects</b>	6			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> <li>WMATA must replace third rail anchor arm CM C2 029+80.</li> <li>WMATA must install the missing bolt on wee-zee bond at CM C2 032+40.</li> </ul>										



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181118-WMATA-WP-1		
	2018	11	18				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	A-Line, Track 1, Rockville (A14) to Shady Grove (A15)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	5				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

### Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 679					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1330	Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X					X					
Line(s)	A-Line	Track Number	N/A		Chain Marker and/or Station(s)			From		To			
								Rockville (A14)		Rockville (A14)			
Vehicles	Head Car Number		Number of Cars			Equipment			N/A				
	N/A		N/A										

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature		Date	
		WINSLOW L. POWELL	
Inspector in Charge - Name Winslow Powell		Inspection Team Alexander Nepa	
		Digitally signed by WINSLOW L. POWELL Date: 2018.11.30 13:00:50 -05'00'	





<b>Description</b>	FWSO inspector received a job safety briefing from TRST 679 at Rockville (A15) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection					<b>Activity Code</b>	TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 679		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1330	<b>Outside Shift</b>	Yes	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>	<b>Rule or SOP</b>		<b>Standard</b>			<b>Other / Title</b>		<b>Checklist Reference</b>		
	TRST 1000										
	RWPM 2014										
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>FTA Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>
	X							X			
<b>Line(s)</b>	A Line	<b>Track Number</b>	Track 1	<b>Chain Marker and/or Station(s)</b>	<b>From</b>						
					Rockville (A14)		Shady Grove (A15)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspector performed a track inspection between Rockville (A14) and Shady Grove (A15) on track one.							<b>Number of Defects</b>	5		
	<b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.3.13:</b> At A1 928+30, a broken third rail support bracket was observed.</li> <li><b>TRST 1000, 10.14:</b> At A1 926+00, the Emergency Trip Station (ETS) light was not illuminated.</li> <li><b>TRST 1000, 9.44 table 9-7:</b> At A1 937+10 on the 3A switch, the right switch point was gapped 3/16-inches. See Figure 1 below.</li> <li><b>TRST 1000, 9.22.4 – 9.12.6. (d):</b> At A1 940+10 on the 1A switch, on right side of the frog, a wedge brace plate was missing.</li> <li><b>TRST 1000, 9.10:</b> At A1 940+10 on the 1A switch, the numbers three and four switch rods were loose.</li> </ul>							<b>Recommended Finding?</b>	No		
								<b>Remedial Action Required?</b>	Yes		
								<b>Recommended Reinspection?</b>	Yes		
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> <li>WMATA must repair the broken third rail support bracket at A1 928+30.</li> <li>WMATA must repair the ETS light at A1 926+00.</li> <li>WMATA must adjust the right switch point on the 3A switch at A1 937+10.</li> <li>WMATA must reinstall the disconnected frog brace plate at A1 940+10, 1A switch.</li> <li>WMATA must tighten the numbers three and four switch rods at the 1A switch, A1 940+10.</li> </ul>										



Photo:



Figure 1: A1 937+10 at the 3A switch, right side point gapped 3/16-inches.



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181129-WMATA-WP-1		
	2018	11	29				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	L-Line, L'Enfant Plaza (F03) to Pentagon (C07), CM 163+00 to CM 54+90, Tracks 1 and 2						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	No				
Recommended Reinspection	No	No				

### Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TRK	JSB	OBS	
Job Briefing Employee Name/Title	ESCORT #687		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings	N/A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard		Other / Title		Checklist Reference				
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X			X			
Line(s)	L-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Ohio Dr. Lot C Briefing table			Ohio Dr. Lot C Briefing table			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature		Date
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.12.07 11:13:31 -05'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard	



<b>Description</b>	<p>FWSO inspector received a job safety briefing at Briefing table. Employee reviewed Safety Briefing Script for L-Line Bridge Extended Shutdown, dated November 25, 2018 to December 10, 2018. Information included Red tag /Lock out tag out (LOTO) outage. The red tag holder was Mobile Command Center (MCC), and red tag numbers were 2018-329-513A (TK1) and 2018-329-514A (TK2). All crew leaders, escorts and supervisors were instructed to contact MCC before entering or exiting the work area. The MCC was considered the railway worker in charge (RWIC). All personnel in the shutdown must wear all required personal protective equipment (PPE) at all times within the shutdown limits. The shutdown was using Inaccessible Track (IT) protection and using ties as the barriers.</p> <p>The FWSO inspector did not note any defects.</p>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Work zone safety setup and track maintenance observation				<b>Activity Code</b>	TRK	WI	PI	
<b>Job Briefing Employee Name/Title</b>	ESCORT #687		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000 rev. 6										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
<b>Line(s)</b>	L-Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	From			To			
					Pentagon (C07)			L'Enfant Plaza (F03)			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>The FWSO inspector verified safety protection set up at L1 /L2 CM 054+90 and 163+90 as diagrammed on WMATA shutdown map at briefing table. FWSO observed WMATA personnel throughout the work zone wearing all PPE and working safely. Work being performed included grout pad and fastener renewal and was performed to WMATA standard.</p> <p>The FWSO inspector did not note any defects.</p>						<b>Number of Defects</b>	0			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	No			
							<b>Recommended Reinspection?</b>	No			
<b>Remedial Action</b>	N/A										



# Inspection Form

FOIA Exemption: All (b)(6)

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181130-WMATA-WP-1		
	2018	11	30				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	TRST	<b>Sub-Department</b>	TKIN
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	D-Line, Metro Center (C01) to L'Enfant Plaza (D03), track 2						

**Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	TRK-JSB-OBS	TRK-WI-PI				
<b>Inspection Units</b>	1	1				
<b>Inspection Subunits</b>	1	1				
<b>Defects (Number)</b>	0	1				
<b>Recommended Finding</b>	No	No				
<b>Remedial Action Required<sup>1</sup></b>	No	No				
<b>Recommended Reinspection</b>	No	No				

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Job Safety Briefing				<b>Activity Code</b>		TRK	JSB	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 687		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	MSRPH										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
			X						X		
<b>Line(s)</b>	D-Line		<b>Track Number</b>	N/A	<b>Chain Marker and/or Station(s)</b>		<b>From</b>		<b>To</b>		
							Metro Center Station (C01)		Metro Center Station (C01)		
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A				
	N/A		N/A								

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

<b>Inspector in Charge - Signature</b>	<b>Date</b>
WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL Date: 2018.12.07 11:19:42 -05'00'
<b>Inspector in Charge - Name</b> Winslow Powell	<b>Inspection Team</b> Lee Emard



<b>Description</b>	FWSO inspector received a job safety briefing from the WMATA 687. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  The FWSO inspector did not note any defects.								<b>Number of Defects</b>		0
									<b>Recommended Finding?</b>		No
									<b>Remedial Action Required?</b>		No
									<b>Recommended Reinspection?</b>		No
<b>Remedial Action</b>	N/A										

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Remedial Action Verification					<b>Activity Code</b>		TRK	WI	PI
<b>Job Briefing Employee Name/Title</b>	TRST 687		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No		
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000 rev. 6											
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A	
			X						X			
<b>Line(s)</b>	D-Line		<b>Track Number</b>	Track 2		<b>Chain Marker and/or Station(s)</b>		From		To		
								Metro Center (C01)		L'Enfant Plaza (D03)		
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A					
	N/A		N/A									
<b>Description</b>	The FWSO inspector performed a remedial action verification with WMATA Compliance Crew from Metro Center (C01) to L'Enfant Plaza (D03). Inspector also inspected track conditions in the area.  <b>The following color-coded defect was observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, Table 5-21:</b> A broken bolt was observed in a rail joint at CM D2 006+15. A WMATA compliance employee was able to retrieve a bolt, nut, and wrench to complete the repair.</li> </ul>								<b>Number of Defects</b>		1	
									<b>Recommended Finding?</b>		No	
									<b>Remedial Action Required?</b>		No	
									<b>Recommended Reinspection?</b>		No	
<b>Remedial Action</b>	N/A											