



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	20190103-WMATA-WP-1		
	2019	01	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	C-Line, Foggy Bottom-GWU (C04) to Farragut West (C03), track 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	2				
Recommended Finding	No	No				
Remedial Action Required¹	No	No				
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 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)	C-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Foggy Bottom-GWU (C04)			Foggy Bottom-GWU (C04)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 11:20:51 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard	



Description	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.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Remedial Action Verification				Activity Code	TRK	WI	PI	
Job Briefing Employee Name/Title	TRST 687		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings		Remedial Action ID: 3041, 322 CAP: FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000 rev. 6										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X		X						X		
Line(s)	C-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From		To				
					Foggy Bottom-GWU (C04)		Farragut West (C03)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>The FWSO inspector performed a remedial action verification with WMATA compliance crew from Foggy Bottom-GWU station (C04) to Farragut West station (C03). Inspector also inspected track conditions in the area. During the inspection two defects were verified as complete.</p> <p>The following non-color-coded defects were noted:</p> <ul style="list-style-type: none"> TRST 1000,107.7 (L): Third rail was missing coverboard at CM C2 062+90 to 061+00. Five pieces of top coverboard were missing. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. TRST 1000,107.7 (L): Third rail was missing coverboard at CM C2 050+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> WMATA replaced the defective fasteners on right rail at C2 063+40. WMATA removed the defective weld at C2 65+20. 						Number of Defects	2			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							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	20190104-WMATA-WP-1		
	2019	01	04				
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]
Inspection Location	B-Line, Glenmont Yard (B98) switches 107, 103, 109, and 115; Train Control Room 101A						

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	0				
Recommended Finding	No	No				
Remedial Action Required ¹	No	No				
Recommended Reinspection	No	No				

Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		ATC	JSB	OBS
Job Briefing Employee Name/Title	ATC 2421					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)	B-Line	Track Number	N/A	Chain Marker and/or Station(s)			From			To				
							Glenmont Yard (B98) TCR			Glenmont Yard (B98) TCR				
Vehicles	Head Car Number		Number of Cars			Equipment		N/A						
	N/A		N/A											

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 11:23:42 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		



Description	FWSO inspector received a job safety briefing from the WMATA ATC 2421 at Glenmont Yard (B98) train control room (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. The FWSO inspector did not note any defects.	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 # 2421		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				
	ATC 1000, 1008 - Switch Obstruction Test (Revision 3.0, Revised 1/21/16)											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A	
		X			X			X				
Line(s)	B-Line	Track Number	Tracks 2,4,9	Chain Marker and/or Station(s)	From			To				
					Glenmont Yard (B98)			Glenmont Yard (B98)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A						
	N/A		N/A									
Description	The FWSO inspector observed WMATA ATC personnel perform a Switch Obstruction Test in accordance with the ATC 100 manual - 1008 Switch Obstruction Test. FWSO inspector went wayside in Glenmont Yard (B98) and tested switches 107 and 103 on yard track 2, switch 109 on yard track 4 and switch 115 on yard track 9. The FWSO inspector did not note any defects.						Number of Defects	0				
							Recommended Finding?	No				
							Remedial Action Required?	No				
							Recommended Reinspection?	No				
Remedial Action	N/A											



Inspection Form

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Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20190107-WMATA-WP-1		
	2019	01	07				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	West Hyattsville Station (E07)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	No	Time		Outside Shift		
Related Reports	N/A		Related CAPS / Findings	Remedial Action ID: 37							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
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	Track 2	Chain Marker and/or Station(s)	From			To			
					West Hyattsville (E07)			West Hyattsville (E07)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

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Inspector in Charge - Signature		Date
		WINSLOW L. POWELL <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 13:46:27 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Mike Vitale	



Description	FWSO inspector conducted a remedial action verification at the West Hyattsville station (E07). The following remedial action was verified as complete: <ul style="list-style-type: none">• WMATA has corrected flat spot on running rail near the 8-car marker on track 2. Other notable observation: <ul style="list-style-type: none">• Two new engine burns were observed near the 6-car marker on the right rail of track 2. FWSO will conduct a follow up inspection with TRST. See Figures 1 and 2 below.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Photos:



Figures 1 and 2: Engine burns near the 6-car marker on the right rail of track 2 at the West Hyattsville station.



Inspection Form

FOIA Exemption: All (b)(6)

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United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20190108-WMATA-WP-1		
	2019	01	08				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	CMNT	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	New Carrollton Service and Inspection Facility (D99)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	VMI-SI-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required ¹	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Inspection Subject				Shop Observations			Activity Code		VM	SI	OBS
Job Briefing Employee Name/Title	Lyndon Holmes Acting Superintendent			Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0700-1100	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				
			SOP #12 SOP #29		Task 50.6 HVAC Filters and sensors								
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
					X							X	
Line(s)	N/A		Track Number	N/A	Chain Marker and/or Station(s)		From		To				
							N/A		N/A				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	6004-6005 6140-6141		4										

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Inspector in Charge - Signature		Date
		WINSLOW L. POWELL <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 13:54:04 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Bill Hultsch	



Description	<p>FWSO inspector observed WMATA car maintenance activities and shop safety practices at the New Carrollton Service and Inspection Facility (D99). The following activities were observed:</p> <ol style="list-style-type: none"> 1. Observed the conduct of 6004-6005 A1 and 6140-6141 A3 periodic inspections. 2. Observed performance of Task 50.6 HVAC Replace Air Filters and Clean Temperature Sensors. 3. Observed compliance with SOP #12 Movement of Rail Vehicle(s) within, into, on the Lead and Out of a Maintenance Facility. 4. Observed compliance with SOP #29 Blue Flag Protection on rail vehicles. 5. Observed employee shop safety practices. All employees were wearing appropriate safety personal protective equipment (PPE). 6. Shop safety equipment observed included: <ol style="list-style-type: none"> a. Observed that shop illumination, particularly in main shop walkway, was at a level that restricted visibility. Numerous overhead lights were not functioning. Shop supervisors advised that a work order to replace lighting is pending scheduling. b. Reviewed in-floor car lift control panel. The procedure for use of the lift was attached to the panel. c. Reviewed permanent platforms used for roof top maintenance. These newly constructed platforms have not yet been accepted for use. d. Shop was clean and devoid of unnecessary tripping hazards. <p>The FWSO inspector did not note any defects.</p>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
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	20190109-WMATA-WP-1		
	2019	01	09				
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, White Flint (A12) to Rockville (A14)						

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	4				
Recommended Finding	No	No				
Remedial Action Required¹	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										
	MSRPH										
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								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 14:05:31 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa	



Description	FWSO inspector received a job safety briefing from TRST 677 at Rockville (A14) 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Inspection					Activity Code	TRK	WI	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		
	TRST 1000 51.604 11/18										
	RWPM 2014										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X	X		
Line(s)	A-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From						
					White Flint (A12)		Rockville (A14)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector performed a remedial action verification and track inspection between White Flint (A12) and Rockville (A14) on track one.						Number of Defects	4			
	The FWSO inspector observed the following color-coded defect: <ul style="list-style-type: none"> TRST 1000, Table 105.5A: At A1 786+65, two consecutive missing Pandrol clips on the right rail and one missing Pandrol clip on the left rail were observed. See Figure 1 below. Yellow condition. The FWSO inspector observed the following non-color-coded defects: <ul style="list-style-type: none"> TRST 1000, 107.7F: At A1 737+00, the third rail insulator was misaligned. See Figure 2 below. TRST 1000, 102.3H(5)(E): At A1 747+10, the cover on the Emergency Trip Station (ETS) box was missing. TRST 1000, Table 107.7C: At A1 763+90, a broken third rail insulator was observed. 						Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	To achieve compliance with WMATA standards: <ul style="list-style-type: none"> WMATA must reinstall the missing pandroll clips at A1 786+65. WMATA must realign the third rail insulator at A1 737+00. WMATA must repair the cover on the ETS box at A1 747+10. WMATA must replace the broken third rail insulator at A1 763+90. 										

Photos:



Figure 1: At A1 786+65, missing pandroll clips.

Figure 2: At A1 737+00, third rail end approach appears to exceed allowable height.



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	2010109-WMATA-WP-2		
	2019	01	09				
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]
Inspection Location	E-Line, Greenbelt (E10) Train Control Room (TCR) 207, track 2, CM E2 595+00 to CM E2 684+00						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	ATC Observation				Activity Code		ATC	RM	PI
Job Briefing Employee Name/Title	ATC #208		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			
	ATC 3000, 3002 -B TCR Quarterly Inspection (ATP Modules)										
	ATC 1000-10012A-1 AFTC Detection Signal Test.										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X				X			X			
Line(s)	E-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					Greenbelt (E10) TCR CM E2 595+00			Greenbelt (E10) TCR CM E2 682+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 14:08:43 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		



Description	<p>The FWSO inspector observed WMATA ATC personnel perform the AFTC Detection Signal Level Test in accordance with the ATC 1000 manual - 1012A-1 test. FWSO inspector was in TCR 207. The AFTC Detection Signal Level tests were done for 18 AFTC track circuits located wayside between CM E2 595+00 and CM E2 682+00.</p> <p>The FWSO inspector also observed WMATA ATC personnel perform a TCR Quarterly Inspection (ATP Modules) in accordance with the ATC 3000 manual - 3002B. FWSO inspector observed PMI in TCR, and no testing was performed way side.</p> <p>The FWSO inspector did not note any defects.</p>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
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	20190109-WMATA-WP-3		
	2019	01	09				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	CMNT	Sub-Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	New Carrollton Service and Inspection Facility (D99)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	VMI-SI-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required ¹	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Inspection Subject	Shop Observations				Activity Code		VM	SI	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	No	Time	0630-0930	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			
		SOP #12 SOP #29		Task 25 Ultrasonic Leak Task 20 Wheel Measurements							
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X						
Line(s)	N/A	Track Number	N/A	Chain Marker and/or Station(s)			From		To		
							N/A		N/A		
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	6006-6007 6040-6041 6064-6065		6								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 14:17:48 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Bill Hultsch	



Description	<p>FWSO inspector observed WMATA car maintenance activities and shop safety practices at the New Carrollton Service and Inspection Facility (D99). The following activities were observed:</p> <ol style="list-style-type: none"> 1. Observed the conduct of 6006-6007 B, 6040-6041 A3, and 6064-6065 A4 periodic inspections. 2. Observed performance of Task 25 Ultrasonic Leak Detection. 3. Observed performance of Task 20 Trucks/Couplers Wheel measurements/inspection. 4. Maintenance procedures being used by mechanics performing periodic maintenance were Revision 4 dated 2018. 5. Observed compliance with SOP #12 Movement of Rail Vehicle(s) within, into, on the Lead and Out of a Maintenance Facility. 6. Observed compliance with SOP #29 Blue Flag Protection on rail vehicles. 7. Observed employee shop safety practices. All employees were wearing appropriate safety personal protective equipment (PPE). 8. Shop equipment observed included: <ol style="list-style-type: none"> a. Rail Vehicle Hoist Operation procedure Rev. 0 dated 04/27/2018 properly posted. b. Two Ton Floor Crane Operating Instructions Rev 2 dated 11/20/2018 properly posted. c. Shop was clean and devoid of unnecessary tripping hazards. <p>The FWSO inspector did not note any defects.</p>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
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	20190110-WMATA-WP-1		
	2019	01	10				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	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	B-Line, Track 2, Forest Glen (B09) to Wheaton (B10)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TP	JSB	OBS	
Job Briefing Employee Name/Title	Power unit 1162		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	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			
	RWPM	R-17-02									
	MSRPH	R-17-03									
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X								X		
Line(s)	B-Line	Track Number	N/A		Chain Marker and/or Station(s)	From		To			
						Forest Glen (B09)		Forest Glen ((B09)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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: 2019.01.15 14:21:05 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Alexander Nepa		



Description	FWSO inspector received a job safety briefing from the roadway worker in charge (RWIC) at Forest Glen (B09) 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Cable Inspection Observation				Activity Code	TP	WI	OBS	
Job Briefing Employee Name/Title	Power unit 1162		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings	FTA-TPE-17-021-A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	DD-TP-SSI-013	TRST 1000									
	EMI 220172										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X								X		
Line(s)	B-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					Forest Glen (B09)			Wheaton (B10)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector observed WMATA power employees perform a power cable inspection between Forest Glen (B09) and Wheaton (B10) on track two. Inspectors also observed and third rail and track conditions. The following non-color-coded defects were observed: <ul style="list-style-type: none"> TRST 1000, Table 107.7C: At B2 563+00, the end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach FTA-TPE-17-021-a. TRST 1000, 107.7K: At B2 615+35, there was a bolt missing which holds the support bracket that is connected to the cable. TRST 1000, 107.7K: At B2 625+35 the third rail support bracket was disconnected. 						Number of Defects	3			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							Recommended Reinspection?	Yes			
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> WMATA must repair the third rail support bracket at B2 615+35. WMATA must repair the third rail support bracket at B2 625+35. 										



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	20190110-WMATA-WP-2		
	2019	01	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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	A-Line, Woodley Park (A04) to Friendship Heights (A08), track 1						

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	7				
Recommended Finding	No	No				
Remedial Action Required ¹	No	No				
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 6341		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)	A-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Woodley Park (A04)			Woodley Park (A04)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.15 14:25:32 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard	



Description	FWSO inspector received a job safety briefing from the WMATA 6341. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA TRST 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.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Inspection Observation				Activity Code	TRK	WI	PI	
Job Briefing Employee Name/Title	TRST 6341		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings		Remedial Action ID: 1738, 2809, 2194, 1939, 1400, 2417, 2323, 1070, 2324, 1069, 2325 CAP: FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000 -Volume 1 Rev. 11/18										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X		X							X	
Line(s)	A-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Woodley Park (A04)			Friendship Heights (A08)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

Description	<p>The FWSO inspector observed a track inspection from Woodley Park (A04) to Friendship Heights (A08). WMATA Inspector unit 630 performed the inspection. During the inspection, 11 remedial actions were verified as complete.</p> <p>The following non-color-coded defects were noted:</p> <ul style="list-style-type: none"> • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 290+00 to 290+40. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 217+40. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 205+90. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 196+90. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 196+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 194+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 173+40 to 183+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> • WMATA repaired third rail anchor at A1 136+06. • WMATA removed old third rail at A1 137+00. • WMATA repaired third rail anchor at A1 216+30 	Number of Defects	7
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	Yes



	<ul style="list-style-type: none">• WMATA replace heat shrink on power conduit at A1 255+00.• WMATA repaired third rail anchor at Tenleytown-Au Station (A07) CM A1 260+00.• WMATA repaired non-flashing platform edge light at Tenleytown-AU Station (A07) CM A1 260+00.• WMATA replaced third rail anchor at A1 265+00.• WMATA replaced three fasteners at A1 266+30.• WMATA removed rail tripping hazard at A1 268+50 to 269+50.• WMATA replaced eight fasteners at A1 270+00 to 270+40.• WMATA removed rail tripping hazard at A1 273+60 to 2274+00.		
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	20190112-WMATA-WP-1		
	2019	01	12				
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	C & L Lines, Tracks 1 and 2, Arlington Cemetery (C06) to Crystal City (C09)						

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 Required¹	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 6355		Accompanied Inspector?	No	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										
	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		
							Crystal City (C09)		Crystal City (C09)		
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.23 11:57:43 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa	

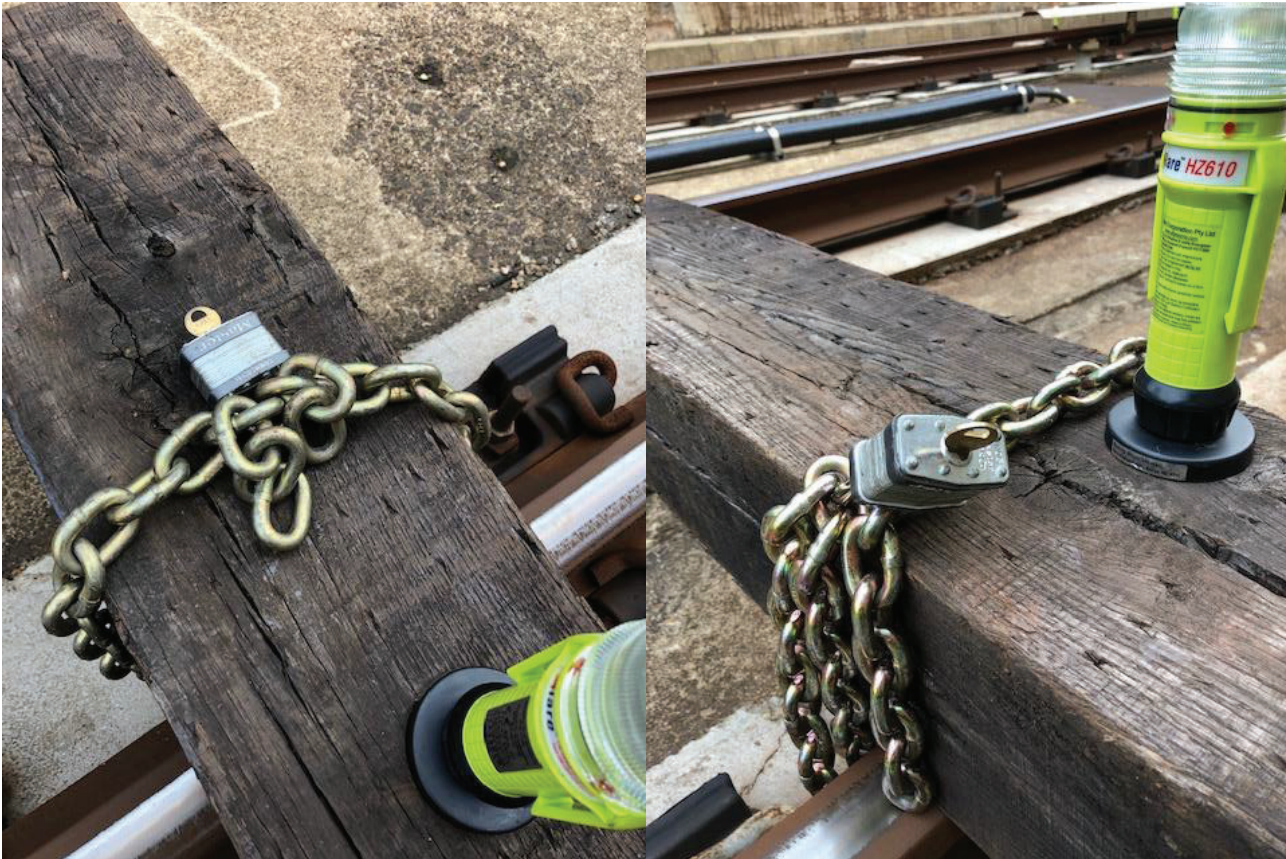


Description	<p>FWSO inspector received a job safety briefing from TRST 6355 at Crystal City (C09) briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.</p> <p>The FWSO inspector did not note any defects.</p>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject					Track Inspection – Work Zone Observation		Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST			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				
	TRST 1000 51.604 11/18												
	RWPM 2014												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X							X	X				
Line(s)	C and L Lines		Track Number	Tracks 1 and 2		Chain Marker and/or Station(s)	From						
							Arlington Cemetery (C06)		Crystal City (C09)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	<p>FWSO inspector performed a work zone observation and track inspection between Arlington Cemetery (C06) and Crystal City (C09).</p> <p>The FWSO inspector did not note any defects.</p> <p>Other notable observations:</p> <ul style="list-style-type: none"> On the C-Line at CM 218+28 on tracks one and two, the keys were left in the locks at the tie barricades, See Figures 1 and 2 below. 							Number of Defects	0				
								Recommended Finding?	No				
								Remedial Action Required?	No				
								Recommended Reinspection?	No				
Remedial Action	N/A												



Photos:



Figures 1 and 2: On the C-Line at CM 218+28 tracks one and two, the keys were left in the locks.



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	20190113-WMATA-WP-1		
	2019	01	13				
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, between Capitol South (D05) and Federal Center SW (D04)						

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	1				
Recommended Finding	No	No				
Remedial Action Required¹	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	0800-1330	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										
	MSRPH										
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			
					Capitol South (D05)			Capitol South (D05)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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	<small>Digitally signed by WINSLOW L. POWELL Date: 2019.02.27 08:02:48 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa



Description	FWSO inspector received a job safety briefing from TRST 601 at Capitol South (D05) 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Remedial Action Verification				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 601		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1330	Outside Shift	Yes	
Related Reports			Related CAPS / Findings	Remedial Action ID: 2469, 2960, 2959							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000 51.604 11/18										
	RWPM 2014										
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	Track 1	Chain Marker and/or Station(s)	From						
					Capitol South (D05)		Federal Center SW (D04)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector performed a remedial action verification and track inspection between Capitol South (D05) and Federal Center SW (D04).						Number of Defects	1			
	The following non-color-coded-defect was observed: <ul style="list-style-type: none"> TRST 1000, table 107.10: At D1 085+85 on the right rail, a chip in the head of the rail was observed. See Figure 1 below. The following remedial actions were verified as complete: <ul style="list-style-type: none"> At D1 0085+30 the relay rail has been removed. At D1 0085+30 the left rail has been replaced. At D1 0098+90 the right rail has been replaced. 						Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	To achieve compliance with WMATA requirements: <ul style="list-style-type: none"> WMATA must mitigate the chipped right rail at D1 085+85. 										



Photos:



Figure 1: At D1 0085+85, on the right rail a chipped condition was observed.



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	20190115-WMATA-WP-1		
	2019	01	15				
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, Wiehle-Reston East (N06), track 1, 2 and 3, CM 1081+00 to CM 1094+00; Train Control Room 122 (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	1				
Recommended Finding	No	No				
Remedial Action Required ¹	No	No				
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 2334		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)	N-Line	Track Number	N/A	Chain Marker and/or Station(s)			From	To			
							Wiehle-Reston East (N06) TCR	Wiehle-Reston East (N06) TCR			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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: 2019.01.23 13:31:34 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Lee Emard, Al Nepa		



Description	FWSO inspectors received a job safety briefing from the WMATA ATC 2334 at Wiehle-Reston East (N06) Train Control Room. 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 inspectors did not note any defects.	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 #2334		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			
	ATC 3000, 3003 - Interlocking Inspection										
	3011 – Snowmelter Inspection and Test										
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	Tracks 1, 2 and 3	Chain Marker and/or Station(s)	From			To			
					Wiehle-Reston East (N06) N1/N2/N3 CM 1081			Wiehle Reston-East (N06) N1/N2/N3 CM 1094+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	The FWSO inspectors observed WMATA ATC personnel perform a limited interlocking inspection due to snow cover in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspectors went wayside on mainline track at Wiehle-Reston East (N06) from CM 1081 to CM 1094 tracks N1/N2/N3. The switches 9/5A on track 1, switches 11B/7 on track 2 and switches 5B/ 11A were inspected. Derailer 13 on track 3 was also inspected. The following non-color-coded defect was observed <ul style="list-style-type: none"> ATC 3011, 3.1.12: In the 11A switch heater cable on the left rail, a short was observed that allowed the wire to arc and burn. This condition was corrected by ATC personnel. 						Number of Defects	1			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							Recommended Reinspection?	No			
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	20190116-WMATA-WP-1		
	2019	01	16				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	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	D-Line, Track 1, Eastern Market (D06) to Smithsonian (D02)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	7				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	Power unit 1126		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	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			
	RWPM	R-17-02									
	MSRPH	R-17-03									
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			
						Eastern Market (D06)		Eastern Market (D06)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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: 2019.01.23 13:37:50 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Alexander Nepa		



United States Department of Transportation

Description	FWSO inspector received a job safety briefing from Power unit 1126, the roadway worker in charge (RWIC), at Eastern Market (D06) 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.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	The FWSO inspector did not note any defects. N/A		

Inspection Activity #	2	Inspection Subject	Third Rail and Cable Inspection Observation				Activity Code	TP	WI	OBS	
Job Briefing Employee Name/Title	Power unit 1126		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings		CAP: TOC-SRT-15-002						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000-51.604 11/18										
	EMI 220272, DD-TP-SSI-013										
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	Track 1	Chain Marker and/or Station(s)			From	To			
							Eastern Market (D06)	Smithsonian (D02)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

Description	<p>FWSO inspector observed WMATA power employees perform a power cable inspection of track one between Eastern Market (D06) and Smithsonian (D02). Inspectors also observed third rail and track conditions.</p> <p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> • WMATA, TRST 1000, Table 107.7A: Between D1 114+80 and 115+20, water, mud, and debris were observed around insulators. Yellow condition. • WMATA, TRST 1000-51.604 11/18, defect 107.7, table A: At D1 106+90, water, mud, and debris were observed around insulators. Yellow condition. <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • DD-TP-SSI-013: At D1 084+70, the conduit stub-up was missing heat shrink tubing. • TRST 1000, 3.2.2.4: At D1 067+80, there was a side wall tunnel leak. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002. • DD-TP-SSI-013: At D1 045+00, the conduit stub-up had a ripped heat shrink tubing. • DD-TP-SSI-013: At D1 042+40 on the right side, the conduit stub-up was missing OZ bushing and heat shrink tubing. • DD-TP-SSI-013: At D1 042+40 on the left side, two conduit stub-ups were missing OZ bushings and heat shrink tubing. 	Number of Defects	7
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes

Remedial Action	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> • WMATA must remove the mud, water, and debris around the third rail insulator between D1 114+80 and 115+20. • WMATA must remove the mud, water, and debris around the third rail insulator at D1 106+90. • WMATA must install heat shrink on the stub-up at D1 084+70. • WMATA must install heat shrink on the stub-up at D1 045+00. • WMATA must install OZ bushings and heat shrink on the right-side stub-up at D1 042+40 • WMATA must install OZ bushings and heat shrink on the left-side stub-up at D1 042+40.
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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	20190116-WMATA-WP-2		
	2019	01	16				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	RTRA	Sub-Department	
Rail Agency Department Contact Information	Name		Email	Office Phone		Mobile Phone	
	[REDACTED]		[REDACTED]	[REDACTED]		[REDACTED]	
Inspection Location	F-Line, Tracks 1 and 2, Gallery Place (F01) to Suitland (F10)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-RC-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	2					
Recommended Finding	No					
Remedial Action Required¹	No					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspection Subject	Operator Rules Compliance Observation				Activity Code		RTRA	RC	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0930 - 1500	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		CAP: R-2-18-A and R-2-19-A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	MSRPH		3.84								
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	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To			
					Gallery Place (F01)			Suitland (F10)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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: 2019.01.25 14:00:11 -05'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Tamara Powell



Description	<p>The FWSO inspector conducted an operator rules compliance observation of five trains on tracks 1 and 2 from Gallery Place (F01) to Suitland (F10).</p> <p>The FWSO Inspector observed operators perform speed adherence & response to zero-speed alarm; possession and usage of personal protective equipment (PPE); proper PA announcements; smooth station stops at the appropriate 8-car marker; radio communication with the Rail Operations Control Center (ROCC); and door operations.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • MSRPH, 3.84: FWSO inspector observed a train operator on two separate segments exceed the regulated speed limits. SAFE was notified and the operator was later removed from service. Remedial action for this defect is addressed in WMATA's approach to R-2-18-A and R-2-19-A. 	Number of Defects	1
		Recommended Finding?	No
		Remedial Action Required?	No
		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	20190120-WMATA-WP-1		
	2019	01	20				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	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	K99, West Falls Church Yard and Loop Tracks						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	TRST unit 679		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1200	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	R-17-02									
	MSRPH	R-17-03									
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X						X			
Line(s)	K-Line	Track Number	N/A		Chain Marker and/or Station(s)	From		To			
						West Falls Church Yard (K99)		West Falls Church Yard (K99)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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: 2019.01.25 14:04:53 -05'00'	



United States Department of Transportation

Description	FWSO inspector received a job safety briefing from TRST unit 679, the roadway worker in charge (RWIC), at West Falls Church Yard (K99) 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Remedial Action Verification					Activity Code		TP	WI	OBS
Job Briefing Employee Name/Title	TRST unit 679		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1200	Outside Shift	Yes		
Related Reports	N/A		Related CAPS / Findings			Remedial Action ID: 1906, 1901, 1893, 1900, 1899, 1898, 1892, 1891, 1895, 1897, 1910, 983, 982, 1914, 1913, 986, 985, 1919, 1912, 984, 1915, 1909, 1916, 1903, 1907, 1902, 1918, 1911, 188, 1904, 1917						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference			
	TRST 1000											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A	
		X						X				
Line(s)	K-Line	Track Number	K-99 Yard	Chain Marker and/or Station(s)	From			To				
					West Falls Church Yard (K99)			West Falls Church Yard (K99)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A						
	N/A		N/A									

Description	<p>FWSO inspector performed a remedial action verification at West Falls Church Yard (K99). Inspector also observed general track conditions. During the inspection, 31 remedial actions were verified as complete.</p> <p>The following non-color-coded defect was observed:</p> <ul style="list-style-type: none"> WMATA, TRST 1000, 107.11(L): At YL-2 019+60, the distance between the running rail and the restraining rail measured more than three inches. <p>The following remedial actions were verified as completed:</p> <ul style="list-style-type: none"> The watertight sealing collar for the orange boot assembly at YCR 76 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 71 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 36 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 70 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 69 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 44 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 35 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 34 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 37 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 43 has been repaired. The watertight sealing collar for the orange boot assembly at YCR 79 has been repaired. The defective switch points have been replaced. The defective ties and components throughout the loop track have been replaced. 	Number of Defects	1
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



United States Department of Transportation

	<ul style="list-style-type: none"> • The watertight sealing collar for the orange boot assembly at YCR 85 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 84 has been repaired. • All heel blocks observed were tight and within WMATA TRST 1000 standards. • At YCR 21 the defective crossties have been replaced. • At DWS 8 the heat shrink on the conduit stub-up has been replaced. • The watertight sealing collar for the orange boot assembly at YCR 81 has been repaired. • The wide gauge within the loop track has been brought back to WMATA TRST 1000 standards. • The watertight sealing collar for the orange boot assembly at YCR 86 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 78 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 87 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 77 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 72 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 90 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 80 has been repaired. • The left switch point at switch number 301 has been replaced. • The watertight sealing collar for the orange boot assembly at YCR 74 has been repaired. • The watertight sealing collar for the orange boot assembly at YCR 89 has been repaired. 		
Remedial Action	<p>To achieve compliance with WMATA’s requirements:</p> <ul style="list-style-type: none"> • WMATA must adjust the distance between the running rail and restraining rail at YL-2, 019+60. 		



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	20190122-WMATA-WP-1		
	2019	01	22				
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]
Inspection Location	A-Line, Grosvenor-Strathmore (A11) Train Control Room 114, track 1, CM A1 510+80 to CM A1 600+00						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-RM-PI					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required¹	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Inspection Subject	ATC Observation				Activity Code		ATC	RM	PI
Job Briefing Employee Name/Title	ATC #2397	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			
	ATC 3000, 3004 ATC Wayside Inspection										
	ATC 1000-10012D AF Track Circuit Receiver Output Test (for unintended signal)										
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 1	Chain Marker and/or Station(s)	From			To			
					Grosvenor-Strathmore (A11) TCR CM A1 510+80			Grosvenor-Strathmore (A11) TCR CM A1 600+00			
Vehicles	Head Car Number	Number of Cars		Equipment		N/A					

¹ 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: 2019.01.24 14:51:09 -05'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard



	N/A	N/A			
Description	<p>The FWSO inspector observed WMATA ATC personnel perform the AF Track Circuit Receiver Output Test in accordance with the ATC 1000 manual - 1012D test. The FWSO inspector was in train control room (TCR) 114. The AF Track Circuit Receiver Output Tests were done for all AF track circuits located wayside between CM A1 510+80 and CM A1 600+00.</p> <p>The FWSO inspector also observed WMATA ATC personnel perform an ATC Wayside Inspection in accordance with the ATC 3000 manual - 3004. The FWSO inspector observed the Preventative Maintenance Instruction in the TCR.</p> <p>The FWSO inspector did not note any defects.</p>			Number of Defects	0
				Recommended Finding?	No
				Remedial Action Required?	No
				Recommended Reinspection?	No
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	20190122-WMATA-WP-2		
	2019	01	22				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	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, Track 1, Rosslyn (C05) to Arlington Cemetery (C06)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TP	JSB	OBS	
Job Briefing Employee Name/Title	Power unit 1133		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			
	RWPM	R-17-02									
	MSRPH	R-17-03									
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			
						Rosslyn (C05)		Rosslyn (C05)			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.24 14:57:41 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa		



United States Department of Transportation

Description	FWSO inspector received a job safety briefing from Power unit 1133, the roadway worker in charge (RWIC), at Rosslyn (C05) 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Third Rail and Cable Inspection Observation					Activity Code	TP	WI	OBS
Job Briefing Employee Name/Title	Power unit 1133			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No
Related Reports	Safety Directive 17-1			Related CAPS / Findings		N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	EMI 220272,										
	DD-TP-SSI-013										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X	X		
Line(s)	C-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From		To				
					Rosslyn (C05)		Arlington Cemetery (C06)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector observed WMATA power employees perform a power cable inspection of track one between Rosslyn (C05) and Arlington Cemetery (C06). Inspectors also observed third rail and track conditions. The following non-color-coded defects were observed: <ul style="list-style-type: none"> DD-TP-SSI-013: At C1 153+50, the conduit stub-up was missing heat shrink tubing and an OZ bushing. DD-TP-SSI-013: At C1 154+50, the conduit stub-up was missing heat shrink tubing and an OZ bushing. EMI 220272: At C1 163+00, the expansion cables were surrounded by water. EMI 220272: At C1 185+20, the third rail power cables were contacting the ground. 						Number of Defects	4			
							Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> WMATA must install heat shrink and an OZ bushing on the stub-up at C1 153+50. WMATA must install heat shrink and an OZ bushing on the stub-up at C1 154+50. WMATA must mitigate the water surrounding the third rail power cable at C1 163+00. WMATA must repair the third rail power cables making contact with the ground at C1 185+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	20190123-WMATA-WP-1		
	2019	01	23				
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, New Carrollton (D13) to Cheverly (D11), track 1						

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	10				
Recommended Finding	No	No				
Remedial Action Required ¹	No	No				
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 6314		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)	D-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					New Carrollton (D13)			New Carrollton (D13)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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	
[REDACTED]		WINSLOW L. POWELL	
Inspector in Charge - Name Winslow Powell		Inspection Team Lee Emard	

Digitally signed by WINSLOW L. POWELL
Date: 2019.01.24 15:01:50 -05'00'



Description	FWSO inspector received a job safety briefing from the WMATA 6314. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA TRST 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.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Inspection Observation					Activity Code	TRK	WI	PI
Job Briefing Employee Name/Title	TRST 6314		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings			Remedial Action ID: 1971 CAP: FTA-TPE-17-021-A					
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000 -Volume 1 Rev. 11/18										
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)	D-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					New Carrollton (D13)			Cheverly (D11)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

Description	<p>The FWSO inspector observed a track inspection from New Carrollton (D13) to Cheverly (D11). WMATA inspector unit 6035 performed the inspection. During the inspection, one remedial action was verified as complete.</p> <p>The following non-color-coded defects were noted:</p> <ul style="list-style-type: none"> • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 592+90. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 582+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 562+00 to 561+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 560+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 538+60. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 537+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 505+20. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 460+10. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. • TRST 1000, Table 107.7C: Third rail was missing coverboard at CM D1 442+60. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. 	Number of Defects	10
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	Yes



	The following remedial action was verified as complete: <ul style="list-style-type: none">• WMATA Replaced the ETS junction box cover at D1 547+00.		
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	20190124-WMATA-WP-1		
	2019	01	24				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	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	A-Line, Track 2, Bethesda (A09) to Friendship Heights (A08)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TP	JSB	OBS	
Job Briefing Employee Name/Title	TRST unit 677		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			
	RWPM	R-17-02									
	MSRPH	R-17-03									
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			
					Bethesda (A09)			Bethesda (A09)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.25 14:10:55 -05'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa	



United States Department of Transportation

Description	FWSO inspector received a job safety briefing from TRST unit 677, the roadway worker in charge (RWIC), at Bethesda (A09) 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Remedial Action Verification & Track Observation				Activity Code	TP	WI	OBS	
Job Briefing Employee Name/Title	TRST unit 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings		CAP: TOC-SRT-15-002 Remedial Action ID: 3148, 3149, 3140						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000-51.604 11/18										
	EMI 220272, DD-TP-SSI-013										
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	Track 2	Chain Marker and/or Station(s)		From		To			
						Bethesda (A09)	Friendship Heights (A08)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector performed a remedial action verification on track 2 of the A-Line between Bethesda (A09) and Friendship Heights (A08). Inspector also observed general track conditions. FWSO inspector did not note any defects. Other notable observations: <ul style="list-style-type: none"> At A2 351+80, there was a leak in the crown of the tunnel. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002. At A2 358+10, there were exposed wires on the wall of the tunnel on the catwalk side. See Figure 1 below. The following remedial actions were verified as complete: <ul style="list-style-type: none"> The third rail anchor arm at D2 0379+55 has been repaired. The missing third rail insulator at A2 370+50 has been replaced. The non-working WTS light at D2 358+00 has been repaired. 						Number of Defects	0			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							Recommended Reinspection?	No			
Remedial Action	N/A										



Photos:



Figure 1: At A2 0358+10, exposed 110V wires.



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	20190124-WMATA-WP-2		
	2019	01	24				
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	A-Line, Grosvenor-Strathmore (A11) Control Room 114 (TCR), track 1, CM A1 569+00 to CM A1 586+40; track 3, CM A3570+00 to 578+00						

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 ¹	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 2749		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	X		
Line(s)	A-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Grosvenor-Strathmore (A11) TCR			Grosvenor-Strathmore (A11) TCR			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.01.25 14:17:36 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		



Description	FWSO inspector received a job safety briefing from the WMATA ATC 2749 at Grosvenor-Strathmore (A11) Train Control Room. 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.	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 #2749		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		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 3000, 3004 ATC Wayside Inspection										
	ATC 1000-10012D AF Track Circuit Receiver Output Test (for unintended signal)										
	TRST 1000-Volume 1										
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	Tracks 1, 3	Chain Marker and/or Station(s)	From			To			
					Grosvenor-Strathmore (A11) TCR			Grosvenor-Strathmore (A11) TCR			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>The FWSO inspector observed WMATA ATC personnel perform the Audio Frequency (AF) Track Circuit Receiver Output Test in accordance with the ATC 1000 manual - 1012D test. The FWSO inspector was wayside. The AF Track Circuit Receiver Output Tests were done for all AF track circuits located wayside between CM A1 569+00 and CM A1 586+40, as well as CM A3 570+00 to CM A3 578+00.</p> <p>The FWSO inspector also observed WMATA ATC personnel perform an ATC Wayside Inspection in accordance with the ATC 3000 manual - 3004. FWSO inspector observed PMI in TCR.</p> <p>The following non-color-coded defects were noted:</p> <ul style="list-style-type: none"> TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A1 568+90. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. TRST 1000, Table 107.7C: Third rail was missing coverboard at CM A3 571+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. TRST 1000, Table 107.7D: Four third rail Insulators were covered with water and arcing intermittently at CM A1 586+00 to 586+40. 						Number of Defects	3			
							Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> WMATA must replace four insulators at CM A1 586+00 to CM A1 586+40. 										



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	20190126-WMATA-WP-1		
	2019	01	26				
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 and G Lines, Track 1, D&G Connector (D98) to Benning Road (G01)						

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 ¹	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 6179						Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0800-1200	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													
	MSRPH													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X						X					
Line(s)	G-Line	Track Number	N/A		Chain Marker and/or Station(s)		From		To					
							Capitol Heights (G02)		Capitol Heights (G02)					
Vehicles	Head Car Number		Number of Cars			Equipment	N/A							
	N/A		N/A											

¹ 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	



Description	<p>FWSO inspector received a job safety briefing from TRST 6179 at Capitol Heights (G02) 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>The FWSO inspector did not note any defects.</p>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Work Zone Observation					Activity Code	TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 687		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1200	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		
	TRST 1000										
	RWPM 2014										
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)	D and G Lines	Track Number	Track 1	Chain Marker and/or Station(s)	From						
					D&G Connector (D98)		Benning Road Portal (G01)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector performed a work zone observation and track inspection between D98 and the Benning Road Portal (G01). Inspector also observed track conditions in those areas.</p> <p>The FWSO inspector did not note any defects.</p> <p>Other notable observations:</p> <ul style="list-style-type: none"> At both work zone locations D1 285+50 and G1 464+20, the old style, non-locking shunts were being used. At G1 431+70, the designated place of safety (catwalk) had chunks of concrete missing from the center of the catwalk and the side, which exposed the rebar wire. This condition created a potential trip-and-fall hazard. See Figure 1 below. At G1 449+30, the center drain was corroded and bent upwards. This condition created a potential trip-and-fall hazard. See Figure 2 below. 						Number of Defects	0			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							Recommended Reinspection?	No			
Remedial Action	N/A										



Photos:



Figure 1: Catwalk at G1 431+70.



Figure 2: Center drain corroded and bent upwards at G1 449+30.



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	20190127-WMATA-WP-1		
	2019	01	27				
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	C and J Lines, Tracks 1 and 2, C9, C13 to C15, and J03						

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	1				
Recommended Finding	No	No				
Remedial Action Required ¹	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 6468	[REDACTED]					Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0800-1200	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		[REDACTED]			[REDACTED]		[REDACTED]		[REDACTED]				
	MSRPH		[REDACTED]			[REDACTED]		[REDACTED]		[REDACTED]				
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				
		[REDACTED]			[REDACTED]			Alexandria Yard (C99)		Alexandria Yard (C99)				
Vehicles	Head Car Number		Number of Cars			Equipment	N/A							
	N/A		N/A											

¹ 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	
[REDACTED]		WINSLOW L. POWELL	
Inspector in Charge - Name Winslow Powell		Inspection Team Alexander Nepa	
		<small>Digitally signed by WINSLOW L. POWELL Date: 2019.02.14 13:34:56 -05'00'</small>	



Description	FWSO inspector received a job safety briefing from TRST 6468 at the Alexandria Yard 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject					Track Inspection – Work Zone Observation		Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 687		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1200	Outside Shift	Yes			
Related Reports	N/A		Related CAPS / Findings		Remedial Action ID: 2216								
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard			Other / Title		Checklist Reference				
	TRST 1000												
	MSRPH												
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)	C and J Lines	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From								
					King Street (C13)		Huntington (C15)						
					King Street (C13)		Alexandria Yard (C99)						
Vehicles	Head Car Number	Number of Cars		Equipment	N/A								
	N/A	N/A											
Description	FWSO inspector performed a work zone observation and track inspection between King Street (C13) and Huntington Station (C15), Alexandria Yard (C99) and Franconia Springfield (J03). Inspector also observed track conditions in those areas.							Number of Defects	1				
								Recommended Finding?	No				
								Remedial Action Required?	Yes				
	The following non-color-coded defect was observed: <ul style="list-style-type: none"> MSRPH, 5.13.2: At C99 YLT 5+00, one e-flare was not operating. Remedial Action for this defect is addressed in WMATA's approach to remedial action ID #2216. Other notable observations: <ul style="list-style-type: none"> At C1 and C2 555+20, the old type shunts were being used. At both C99 locations, the old type shunts were being used. 							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	20190129-WMATA-WP-1		
	2019	01	29				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	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 and K-Lines, Track 1, McPherson Square (C02) to Foggy Bottom-GWU (C04) and Rosslyn (C05) to Court House (K01)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TP	JSB	OBS	
Job Briefing Employee Name/Title	Power unit 1126		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	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			
	RWPM	R-17-02									
	MSRPH	R-17-03									
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 Sq (C02)		McPherson Sq (C02)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.03.29 08:30:48 -0400</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa	



United States Department of Transportation

Description	FWSO inspector received a job safety briefing from Power unit 1126, the roadway worker in charge (RWIC), at McPherson Square (C02) 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.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	The FWSO inspector did not note any defects. N/A		

Inspection Activity #	2	Inspection Subject	Third Rail and Cable Inspection Observation				Activity Code	TP	WI	OBS	
Job Briefing Employee Name/Title	Power unit 1126		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings		CAP: FTA-TPE-17-021-a						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	EMI 220272, DD-TP-SSI-013										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X								X		
Line(s)	C and K Lines	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					McPherson Square (C02) Rosslyn (C05)			Foggy Bottom GWU (C04) Court House (K01)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

Description	<p>FWSO inspector observed WMATA power employees perform a power cable inspection of track one between McPherson Square (C02) and Foggy Bottom GWU (C04) and between Rosslyn (C05) and Court House (K01). Inspectors also observed third rail and track conditions.</p> <p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000, Table 107.7A: At C1 029+80, dirt, mud, and debris were observed around insulators. Yellow condition. TRST 1000-Table 107.7A: At K1 193+80, water, mud, and debris were observed around insulators. Yellow condition. TRST 1000 Table 107.7A: At K1 147+70, a broken and missing third rail insulator was observed. Yellow Condition. <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> DD-TP-SSI-013: At D1 084+70, the conduit stub-up was missing heat shrink tubing. EMI 220272: At C1 050+50, expansion/jumper wires were contacting the ground. TRST 1000, 107.7A: At C1 040+00, the end approach third rail coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a. DD-TP-SSI-013: At C1 064+00, the conduit stub-up was missing heat shrink tubing. DD-TP-SSI-013: At C1 064+00, the two-piece insulating cover (orange boot) was contacting the ground. TRST 1000, 107.7A: At C1 063+00 at the C04 signal, the end approach third rail coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a. TRST 1000, 107.7A: At C1 064+80, the end approach third rail coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a. DD-TP-SSI-013: At C1 068+00, a broken conduit stub-up was observed. 	Number of Defects	13
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



United States Department of Transportation

	<ul style="list-style-type: none">• TRST 1000, 107.7A: At K1 194+00, the end approach third rail coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.		
Remedial Action	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none">• WMATA must remove the mud, water, and debris around the third rail insulator at C1 029+80.• WMATA must remove the mud, water, and debris around the third rail insulator at K1 193+80.• WMATA must replace the missing third rail insulator at K1 147+70.• WMATA must install heat shrink on the stub-up at C1 084+70.• WMATA must remove from the ground the third rail expansion/jumper cable at C1 050+50.• WMATA must install heat shrink on the stub-up at C1 064+00.• WMATA must remove from the ground the two-piece insulator cover (orange boot) at C1 064+00.• WMATA must repair the broken conduit stub-up at C1 068+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	20190129-WMATA-WP-2		
	2019	01	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	C-Line, Huntington (C15) to King St-Old Town (C13), track 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	1				
Recommended Finding	No	No				
Remedial Action Required ¹	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 6242					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				
								Alexandria Yard Track Office		Alexandria Yard Track Office				
Vehicles	Head Car Number		Number of Cars			Equipment			N/A					
	N/A		N/A											

¹ 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 <small>Digitally signed by WINSLOW L. POWELL Date: 2019.02.12 08:26:21 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		



Description	FWSO inspector received a job safety briefing from the WMATA 6242. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA TRST 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.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Inspection Observation				Activity Code	TRK	WI	PI	
Job Briefing Employee Name/Title	TRST 6242		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			
	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)	C-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					Huntington (C15)			King St-Old Town (C13)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

Description	<p>The FWSO inspector observed a track inspection from Huntington (C15) to King St-Old Town (C13). A WMATA contractor performed the inspection.</p> <p>The following non-color-coded defect was noted:</p> <ul style="list-style-type: none"> TRST 1000, Table 107.12A: Two missing bolts were noted in a rail joint at CM C2 571+75. WMATA inspection crew immediately repaired this condition. <p>Notable observation:</p> <ul style="list-style-type: none"> Emergency trip station (ETS) light was not working at Box C170 CM C2 581+00. 	Number of Defects	1
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
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	20190130-WMATA-WP-1		
	2019	01	30				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	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	D-Line, Track 2, Federal Center (D04) to Capitol South (D05)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TP	JSB	OBS	
Job Briefing Employee Name/Title	TRST unit 601		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			
	RWPM	R-17-02									
	MSRPH	R-17-03									
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			
						Federal Center (D04)		Federal Center (D04)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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: 2019.03.29 08:34:17 -0400
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa			



United States Department of Transportation

Description	FWSO inspector received a job safety briefing from TRST unit 601, the roadway worker in charge (RWIC), at Federal Center (D04) 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. The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Remedial Action Verification				Activity Code		TP	WI	OBS
Job Briefing Employee Name/Title	TRST unit 601		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings			CAP: TOC-SRT-15-002 Remedial Action ID: 3231, 3232, 3233, 3234, 3235, 1665					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	TRST 1000										
	EMI 220272, DD-TP-SSI-013										
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	Track 2	Chain Marker and/or Station(s)	From			To			
					Federal Center (D04)			Capitol South (D05)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

Description	<p>FWSO inspector performed a remedial action verification on track 2 of the D-Line between Federal Center (D04) and Capitol South. Inspector also observed general track conditions.</p> <p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000 Table 107.7A: At D2 087+50, a broken, severed insulator unit was dislodged and missing. Yellow condition. TRST 1000 Table 107.5B note 1: At D2 086+50, at the 1B switch, main and turn-out side, two directly opposed non-holding (loose) fasteners were observed. Red condition. TRST 1000 Table 107.5A: At D2 086+50 at the 1B frog, five broken/loose bolts for the frog brace plate were observed. Yellow condition. <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000-108.4(a): At D2 086+50 at the 1B switch, the number three and four switch rods were loose. TRST 1000-108.4(a): At D2 086+50 at the 1B frog, one broken/disconnected frog wedge brace was observed. <p>Other notable observations:</p> <ul style="list-style-type: none"> Between Federal Center (D04) and Capitol South (D05) as part of the metal tunnel liner, the grab bars were behind wires and conduit and difficult to see and grab when exiting to a place of safety. WMATA should consider re-fabricating the handles so they extend beyond the wires and conduit and are in plain sight. See Figure 2 below. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> The corrugated rail at D2 087+90 has been changed. The relay rail between D2 088+00 and 088+20 has been removed. 	Number of Defects	5
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes

Remedial Action	<p>To achieve compliance with WMATA standards:</p> <ul style="list-style-type: none"> WMATA must replace the broken third rail insulator at D2 087+50. WMATA must repair the two consecutive and adjacent fasteners at D1 086+50. WMATA must tighten and or replace the loose and broken frog brace bolts at the 1B frog D2 086+50. WMATA must tighten the number three and four switch rods at the 1B switch at D2 086+50. WMATA must replace frog wedge brace at D2 086+50.
------------------------	--

Photos:



Figure 1: Between D04 and D05, all grab handles were behind wires and conduit.



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	20190130-WMATA-WP-2		
	2019	01	30				
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 ¹	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			
							Clarendon (K02) TCR	Clarendon (K02) TCR			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

¹ 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: 2019.02.12 08:32:24 -05'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		



Description	FWSO inspector received a job safety briefing from the WMATA ATC 2180 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. The FWSO inspector did not note any defects.	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 #2180		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		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 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 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 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.						Number of Defects	2			
	The following non-color-coded defects were observed: <ul style="list-style-type: none"> ● TRST 1000 Table 107.7C: 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. ● TRST 1000 Table 107.7C: 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. 						Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	N/A										