



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	20180702-WMATA-WP-1		
	2018	07	02				
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	Federal Triangle (D01), Smithsonian (D02), L'Enfant Plaza (D03), Federal Center SW (D04), Capitol South (D05), Eastern Market (D06), Potomac Ave (D07) Train Control Rooms (TCRs)						

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	WMATA ATC Personnel			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0600 to 1000	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								
Line(s)	D-Line	Track Number	N/A		Chain Marker and/or Station(s)	From			To		
						Federal Triangle (D01)			Federal Triangle (D01)		
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 Tino Sahoo	
		Digitally signed by WINSLOW L. POWELL Date: 2018.07.06 09:01:45 -04'00'	



Description	FWSO inspector received a job safety briefing from the WMATA ATC personnel. 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.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Train Control Room Visual Inspection				Activity Code	ATC	RM	PI
Job Briefing Employee Name/Title	WMATA ATC Personnel		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0600 to 1000	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 – TRAIN CONTROL ROOM WEEKLY INSPECTIONS (REVISION 1, AUGUST, 2014)				

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

Line(s)	D-Line	Track Number	N/A	Chain Marker and/or Station(s)	From	To
					Federal Triangle (D01) TCR Smithsonian (D03) TCR L'Enfant Plaza (D03) TCR Federal Center SW (D04) TCR Capitol South (D05) TCR Eastern Market (D06) TCR Potomac Ave (D07) TCR	Federal Triangle (D01) TCR Smithsonian (D03) TCR L'Enfant Plaza (D03) TCR Federal Center SW (D04) TCR Capitol South (D05) TCR Eastern Market (D06) TCR Potomac Ave (D07) TCR

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

Description	<p>The FWSO inspector visually inspected the condition of all automatic train control equipment in the train control room and the overall facility condition. All train control rooms (TCRs) were visually inspected for compliance with the ATC-3000 train control manual.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • ATC 3000 Manual, Section 3002A.5.1: Fire extinguisher monthly inspection has lapsed at Smithsonian (D02) TCR. • ATC 3000 Manual, Section 3002A.1.5: Standing water was observed in conduit stub-ups penetrating the floor on eastern side of the room at L'Enfant (D03) TCR. • ATC 3000 Manual, Section 3002A.1.5: Signs of previous water infiltration was observed on the floor at L'Enfant (D03) TCR. Flooring needs replacement also. 	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 bring fire extinguisher monthly inspection into compliance at Smithsonian (D02) TCR. • WMATA must mitigate water intrusion in conduit stub-ups on eastern side of the room at L'Enfant (D03) TCR. • WMATA must mitigate water intrusion and replace the flooring at L'Enfant (D03) TCR.
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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	20180703-WMATA-WP-1		
	2018	07	03				
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	McPherson Square (C02) Train Control Room (TCR) and C1 003+00 to C1 020+50						

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	WMATA ATC Personnel		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								
Line(s)	C-Line	Track Number	N/A	Chain Marker and/or Station(s)			From	To			
							McPherson Square (C02)	McPherson Square (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	WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.07.06 07:38:37 -04'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo and Lee Emard			



Description	FWSO inspector received a job safety briefing from the WMATA ATC personnel. 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 Track Circuit Shunt Verification Inspection			Activity Code		ATC	RM	PI
Job Briefing Employee Name/Title	WMATA ATC Personnel			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No		
Related Reports	Safety Directive 16-2			Related CAPS / Findings		CAP: TOC-SRT-15-002							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	ATC 1000 – 1012C TRACK CIRCUIT SHUNT VERIFICATION TEST (REVISION 2, AUGUST, 2014)												
	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 1	Chain Marker and/or Station(s)	From		To						
					McPherson Square (C02) TCR C1 003+00		McPherson Square (C02) TCR C1 020+50						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	The FWSO inspectors observed WMATA ATC personnel perform track circuit shunt verification tests in accordance with the ATC 1000 manual – 1012C test. One FWSO inspector was stationed at McPherson Square (C02) TCR Room and the other inspector was wayside on mainline track. The track circuit shunt verification was done for two of the eight track circuits located wayside between C1 003+00 and C1 020+50 on the transmitter, receiver, and midpoint locations of the impedance bonds. Due to the short headways and train traffic, access to the roadway was reduced and six track circuits were not able to be verified during the inspection. These circuits will be verified at a later date. The FWSO inspectors did not note any defects. The following non-color-coded track defect was noted: <ul style="list-style-type: none"> TRST 1000 Manual, 3.2.2.4: Tunnel leak was observed at C1 010+00. Heavy flow of water was leaking into tunnel. Remedial action for this defect is addressed by WMATA's approach to TOC-SRT-15-002. 							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	20180705-WMATA-WP-1		
	2018	07	05				
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, track 2, McLean (N01) Train Control Room #307 and Tyson Corner (N02) to CM N2 616+90						

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 2216		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			
					McLean (N01)	McLean (N01)					
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: 2018.07.16 11:21:38 -04'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard			



Description	FWSO inspector received a job safety briefing from the WMATA ATC 2216 at McLean (N02) 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 Track Circuit Shunt Verification Inspection			Activity Code		ATC	RM	PI
Job Briefing Employee Name/Title	ATC 2216		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No

Related Reports	N/A		Related CAPS / Findings	N/A						
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Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference		
	ATC 1000 - 1012C TRACK CIRCUIT SHUNT VERIFICATION TEST (REVISION 2, AUGUST, 2014)									
	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)	N-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From		To	
					McLean (N01) TCR Tyson Corner (N02)		McLean (N01) TCR CM N2 616+90	

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

Description	The FWSO inspector observed WMATA ATC personnel perform track circuit shunt verification tests in accordance with the ATC 1000 manual - 1012C test. At McLean (N01) TCR, a review of the Data Sheet and a verification of test meter calibration was performed. The track circuit shunt verification was done for fifteen track circuits located wayside between Tyson Corner (N02) and CM N2 616+90 on the transmitter, receiver, and midpoint locations of the impedance bonds, and also at every impedance bond. All connections were checked including each train control circuit junction box and marker coils. 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

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	20180710-WMATA-WP-1		
	2018	07	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	C-Line, between Huntington (C15) and King Street (C13)						

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 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 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												
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			
								Huntington (C15)		Huntington (C15)			
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: 2018.07.16 11:29:12 -04'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Paul Martinez		



Description	<p>FWSO inspector received a job safety briefing from TRST 677 at Huntington (C15) station 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>A post inspection safety briefing was conducted at King Street (C13) station. No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 677			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No
Related Reports	N/A			Related CAPS / Findings		Remedial Action ID #: 2813, 1560					
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	X	
Line(s)	C-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					Huntington (C15)			King Street (C13)			
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 one of the C-Line between Huntington (C15) and King Street (C13). FWSO Inspector also inspected track conditions in the area. During the inspection, two remedial actions were verified as complete.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000, Table 9-8: At C2 751+80 on #3 switch, the #3 rod has two loose bolts on LH side. See Figure 1 below. • TRST 1000, Table 9-8: At C2 571+80 on #3 switch, the #4 rod has two loose bolts on LH side. See Figure 2 below. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> • The Emergency Trip Station (ETS) box light at C2 615+00 has been repaired. • The third rail insulator at C2 601+00 has been repaired. 							Number of Defects	2		
								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 washers and tighten bolts on the #3 switch rod at C2 571+80. • WMATA must tighten bolts and replace cotter pin on the #4 switch rod at C2 571+80. 										



Photos:



Figure 1: Loose bolts at C2 751 + 80 on the # 3 rod.



Figure 2: Loose bolts at C2 571+80 on #4 switch.



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	20180710-WMATA-WP-2		
	2018	07	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	Leesburg Pike (N04), Wolf Trap (N05), Wiehle-Reston East (N06), Beulah Road (N93), Hunter Mill Road (N94), and Sunset Hill Road (N95) Traction Power Substations						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	18				
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	WMATA Power Personnel		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								
Line(s)	N-Line	Track Number	N/A	Chain Marker and/or Station(s)			From	To			
							Leesburg Pike (N04) TPSS	Leesburg Pike (N04) TPSS			
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: 2018.07.19 09:39:47 -0400
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo			



Description	FWSO inspector received a job safety briefing from the WMATA power personnel. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power 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	Traction Power Substation Visual Inspection				Activity Code	TP	RM	PI
Job Briefing Employee Name/Title	WMATA Power Personnel		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
		PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AC OR DC ELECTRICAL FACILITIES, AC UNIT SUBSTATIONS, AUXILIARY ELECTRICAL ROOMS, TRACTION POWER SUBSTATIONS, DC TIE BREAKER SUBSTATIONS, 14 DAY INSPECTION (REVISION 3, AUGUST, 2011)			

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

Line(s)	N-Line	Track Number	N/A	Chain Marker and/or Station(s)	From	To
					Leesburg Pike (N04) TPSS Wolf Trap (N05) TPSS Wiehle-Reston East (N06) TPSS Beulah Road (N93) TPSS Hunter Mill Road (N94) TPSS Sunset Hill Road (N95) TPSS	Leesburg Pike (N04) TPSS Wolf Trap (N05) TPSS Wiehle-Reston East (N06) TPSS Beulah Road (N93) TPSS Hunter Mill Road (N94) TPSS Sunset Hill Road (N95) TPSS

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

Description	<p>The FWSO inspector visually inspected the condition of all electrical equipment in the traction power substation (TPSS) and the overall facility condition. Leesburg Pike (N04), Wolf Trap (N05), Wiehle-Reston East (N06), Beulah Road (N93), Hunter Mill Road (N94), and Sunset Hill Road (N95) TPSSs were visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for TPSS.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> PMI 4.2: Two fire extinguishers monthly inspection had lapsed at Leesburg Pike (N04) TPSS. PMI 4.2: Bard Climate Control Solid State Dual Unit Lead/Lag Controller for HVAC #1 and #4 power loss system #2 alarm was observed at Leesburg Pike (N04) TPSS. PMI 4.2: Bard Climate Control Solid State Dual Unit Lead/Lag Controller for HVAC #1 and #4 high temperature alarm was observed at Leesburg Pike (N04) TPSS. PMI 4.2: Bard Climate Control Solid State Dual Unit Lead/Lag Controller for HVAC #2 and #3 high temperature alarm was observed at Leesburg Pike (N04) TPSS. 	Number of Defects	18
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



	<ul style="list-style-type: none"> • PMI 4.8: Rectifier Transformer Breaker #2 (E-N05-12) multi-purpose relay communication failure as listed on TPSS HMI active alarms list at Wolf Trap (N05) TPSS. • PMI 4.11: Cable shield alarm as listed on TPSS HMI active alarms list at Wolf Trap (N05) TPSS. • PMI 4.11: Cable shield resistance fault as listed on TPSS HMI active alarms list at Wolf Trap (N05) TPSS. • PMI 4.11: Cable shield alarm as listed on TPSS HMI active alarms list at Wiehle-Reston (N06) TPSS. • PMI 4.11: Cable shield resistance fault as listed on TPSS HMI active alarms list at Wiehle-Reston (N06) TPSS. • PMI 4.11: Cable shield monitor failed alarm as listed on TPSS HMI active alarms list at Wiehle-Reston (N06) TPSS. • PMI 4.11: Cable shield to cable shield monitoring broken connection alarm as listed on TPSS HMI active alarms list at Wiehle-Reston (N06) TPSS. • PMI: Eight Emergency Trip Station (ETS) alarms (trip indications on inbound, outbound and pocket track) as listed on TPSS HMI active alarms list at Wiehle-Reston (N06) TPSS. • PMI: ETS box N193 amber light alarm as listed on TPSS HMI active alarms list at Wiehle-Reston (N06) TPSS. • PMI: ETS box N136 blue light alarm as listed on TPSS HMI active alarms list at Beulah Road (N93) TPSS. • PMI 4.10: Surge protection failure alarm on SEL-2411 programmable automation controller on Rectifier #2 at Beulah Road (N93) TPSS. • PMI 4.11: Cable shield alarm as listed on TPSS HMI active alarms list at Hunter Mill Road (N94) TPSS. • PMI 4.11: Cable shield resistance fault as listed on TPSS HMI active alarms list at Hunter Mill Road (N94) TPSS. • PMI 4.11: Cable shield monitor failed alarm as listed on TPSS HMI active alarms list at Hunter Mill Road (N94) TPSS. 		
<p>Remedial Action</p>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> • WMATA must bring monthly inspections of the two fire extinguishers up to date at Leesburg Pike (N04) TPSS. • WMATA must rectify power loss system #2 alarm on Bard Climate Control System for HVAC #1 and #4 at Leesburg Pike (N04) TPSS. • WMATA must rectify high temperature alarm on Bard Climate Control System for HVAC #1 and #4 at Leesburg Pike (N04) TPSS. • WMATA must rectify high temperature alarm on Bard Climate Control System for HVAC #2 and #3 at Leesburg Pike (N04) TPSS. • WMATA must rectify multi-purpose relay communication failure for rectifier transformer breaker #2 (E-N05-12) at Wolf Trap (N05) TPSS. • WMATA must rectify cable shield alarm at Wolf Trap (N05) TPSS. • WMATA must rectify cable shield resistance fault at Wolf Trap (N05) TPSS. • WMATA must rectify cable shield alarm at Wiehle-Reston (N06) TPSS. • WMATA must rectify cable shield resistance fault at Wiehle-Reston (N06) TPSS. • WMATA must rectify cable shield monitor failed alarm at Wiehle-Reston (N06) TPSS. • WMATA must rectify cable shield to cable shield monitoring broken connection alarm at Wiehle-Reston (N06) TPSS. • WMATA must rectify the eight ETS alarms (trip alarms on inbound, outbound, and pocket tracks) at Wiehle-Reston (N06) TPSS. • WMATA must rectify ETS box 193 amber light alarm at Wiehle-Reston (N06) TPSS. • WMATA must rectify ETS box 136 blue light alarm at Beulah Road (N93) TPSS. • WMATA must rectify surge protection failure alarm on SEL-2411 device on Rectifier #2 at Beulah Road (N93) TPSS. • WMATA must rectify cable shield alarm at Hunter Mill Road (N94) TPSS. • WMATA must rectify cable shield resistance fault at Hunter Mill Road (N94) TPSS. • WMATA must rectify cable shield monitor failed alarm at Hunter Mill Road (N94) TPSS. 		



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	20180711-WMATA-WP-1		
	2018	07	11				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, between Gallery Place (B01) and Union Station (B03)						

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 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 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										
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			
					Gallery Place (B01)			Gallery Place (B01)			
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 Paul Martinez	



Description	<p>FWSO inspector received a job safety briefing from TRST 677 at Gallery Place (B01) station 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>A post inspection safety briefing was conducted at Union station (B03). No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 677			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No
Related Reports	Safety Directive 17-1			Related CAPS / Findings		Remedial Action ID #: 2337, 2335 CAP: FTA-TPE-17-021-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		
Line(s)	B-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					Gallery Place (B01)			Union Station (B03)			
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 two of the B-Line between Gallery Place (B01) and Union Station (B03). FWSO Inspector also inspected track conditions in the area. During the inspection, two remedial actions were verified as complete.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000, 13.3.14: Missing coverboard was observed at B2 52+00. Remedial action for this defect is addressed in WHATA's approach to FTA TPE-17-021-a. • TRST 1000, 13.3.14: Missing coverboard was observed at B2 52+60. Remedial action for this defect is addressed in WHATA's approach to FTA TPE-17-021-a. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> • The missing frog wedges at B2 29+50 have been replaced. • The incorrect joint bar at B2 60+50 has been welded. 						Number of Defects	2			
							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	20180711-WMATA-WP-2		
	2018	07	11				
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, track 2, Train Control Room # N91, Train Control Circuit N2-540, CM N2 539+00 to CM 549+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	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 2369		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			
							N 91 Train control Room #101	N 91 Train Control Room			
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: 2018.07.19 09:46:56 -04'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard , Al Nepa			



Description	<p>FWSO inspector received a job safety briefing from the WMATA ATC 2369 at N91 #101 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.</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 Circuit Shunt Verification Inspection			Activity Code	ATC	RM	PI
Job Briefing Employee Name/Title	ATC 2369	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No

Related Reports	N/A	Related CAPS / Findings	N/A
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Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title	Checklist Reference
	ATC 1000 - 1012C TRACK CIRCUIT SHUNT VERIFICATION TEST (REVISION 2, AUGUST, 2014)				
	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)	N-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From		To	
					CM N2 539+00		CM N2 549+00	

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

Description	<p>The FWSO inspectors observed WMATA ATC personnel perform track circuit shunt verification tests in accordance with the ATC 1000 manual - 1012C test on Train Control Circuit N2-540. ATC personnel performed a track circuit verification in response to a request from the rail operations control center (ROCC) on track circuit N2-540 between CM N2 539+00 to CM N2 549+00.</p> <p>FWSO inspectors observed test readings in TCR #101 and went wayside with ATC crew to observe the transmitter, receiver, and midpoint locations of the impedance bonds and also at every impedance bond. All connections were checked including each train control circuit junction box. All readings taken in TCR were recorded on a new data sheet and compared to earlier readings. No reading was out of tolerance and no wayside equipment was found defective. ROCC was notified and work order closed.</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	20180711-WMATA-WP-3		
	2018	07	11				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	N-Line, track 2, N2 539+00 to CM 549+00						

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 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	ATC 2369				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				
							N2 539+00		N2 549+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: 2018.07.19 09:59:19 -04'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard, Al Nepa		



Description	<p>FWSO inspector received a job safety briefing from the WMATA ATC 2369 at N91 #101 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.</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		Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	ATC 2369			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			
	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)	N-Line	Track Number	Track 2		Chain Marker and/or Station(s)		From		To				
							CM N2 539+00		CM N2 549+00				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										
Description	<p>The FWSO inspector inspected track conditions during a WMATA ATC track circuit shunt verification test on track 2 of the N-Line between N2 539+00 and N2 549+00.</p> <p>The following non-color-coded defects were noted:</p> <ul style="list-style-type: none"> TRST 1000, 13.3.4: A broken third rail anchor was observed at N2 546+20. TRST 1000, 13.3.14: A missing third rail coverboard was observed at N2 540+20. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a. 							Number of Defects	2				
								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 broken third rail anchor at N2 546+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	20180712-WMATA-WP-1		
	2018	07	12				
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	D & G Junction, D1/D2 CM 270+00 to D1/D2 CM 286+00; D98 D & G Junction Train Control Room						

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 Required¹	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 #2371			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 & G Junction		Track Number	N/A	Chain Marker and/or Station(s)		From		To		
							D & G Junction TCR		D & G Junction 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: 2018.07.19 09:49:23 -0400</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard and Al Nepa		



Description	<p>FWSO inspectors received a job safety briefing from the WMATA ATC #2371 at D & G Junction 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.</p> <p>The FWSO inspectors 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	Train Control Room Observation and Wayside Visual Inspection Observation				Activity Code	ATC	RM	PI	
Job Briefing Employee Name/Title	ATC #2371		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										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X		X	
Line(s)	D & G Lines	Track Number	Tracks 1 & 2	Chain Marker and/or Station(s)	From			To			
					D98, D & G Junction TCR D1/D2 270+00			D98, D & G Junction TCR D1/D2 286+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>The FWSO inspectors observed WMATA ATC personnel perform Interlocking inspection in accordance with the ATC 3000 Manual - 3003 interlocking inspection. Both FWSO inspectors went wayside on mainline track at D & G Junction (D1/D2 270+00 to D1/D2 286+00). The switches 5A, 9, and 13 on track 1 and switches 7, 11B, and 15 on track 2 were inspected with no defects. Switches 5B and 11A were inspected on the pocket track with no defects.</p> <p>The FWSO inspectors 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	20180712-WMATA-WP-2		
	2018	07	12				
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	Watergate (C04), Farragut West (C03), Federal Center (D04) Traction Power Substations (TPSS)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-RM-PI				
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	WMATA Power Personnel		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								
Line(s)	C-Line	Track Number	N/A	Chain Marker and/or Station(s)			From	To			
							Watergate (C04) TPSS	Watergate (C04) TPSS			
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: 2018.07.19 09:52:29 -04'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo			



Description	FWSO inspector received a job safety briefing from the WMATA power personnel. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power 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	Traction Power Substation Visual Inspection				Activity Code	TP	RM	PI
Job Briefing Employee Name/Title	WMATA Power Personnel		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
		PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AC OR DC ELECTRICAL FACILITIES, AC UNIT SUBSTATIONS, AUXILIARY ELECTRICAL ROOMS, TRACTION POWER SUBSTATIONS, DC TIE BREAKER SUBSTATIONS, 14 DAY INSPECTION (REVISION 3, AUGUST, 2011)			

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

Line(s)	C- and D-Lines	Track Number	N/A	Chain Marker and/or Station(s)	From	To
					Watergate (C04) TPSS Farragut West (C03) TPSS Federal Center (D04) TPSS	Watergate (C04) TPSS Farragut West (C03) TPSS Federal Center (D04) TPSS

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

Description	<p>The FWSO inspector visually inspected the condition of all electrical equipment in the traction power substation (TPSS) and the overall facility condition. Watergate (C04), Farragut West (C03), and Federal Center (D04) TPSSs were visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for TPSS.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> PMI 4.11: Rectifier #1 Cathode Breaker (E-C04-21) Type 76 relay device, DC Overcurrent, was observed to be missing at Watergate (C04) TPSS. PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-C04-31, E-C04-32, E-C04-33, E-C04-34) were observed to have a high voltage threshold indication light at Watergate (C04) TPSS. PMI 4.11: Rectifier #1 Cathode Breaker Type 64 relay device, Structure Ground, was observed to have a grounded structure trip indication light illuminated at Farragut West (C03) TPSS. PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-C03-31, E-C03-32, E-C03-33, E-C03-34, E-C03-35) were observed to have a high voltage threshold indication light at Farragut West (C03) TPSS. PMI 4.12: 3.5kVA Inverter was observed to be in bypass mode at Farragut West (C03) TPSS. 	Number of Defects	13
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



	<ul style="list-style-type: none"> • PMI: Multiple active alarms present as listed on TPSS HMI at Farragut West (C03) TPSS. • PMI: Multiple device communication failures with the PLC present as listed on TPSS HMI at Farragut West (C03) TPSS. • PMI 4.11: Rectifier #4 Cathode Breaker (E-D04-24) Type 76 relay device, DC Overcurrent, was observed to be missing at Federal Center (D04) TPSS. • PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-D04-31, E-D04-32, E-D04-33, E-D04-34, E-D04-35) were observed to have a high voltage threshold indication light at Federal Center (D04) TPSS. • PMI 4.10: Programmable Automation Controller, SEL-2411, was observed to have a "33X Door Open" alarm on Rectifier #1 at Federal Center (D04) TPSS. • PMI 4.10: Programmable Automation Controller, SEL-2411, was observed to have a "33X Door Open" alarm on Rectifier #4 at Federal Center (D04) TPSS. • PMI: Multiple active alarms present as listed on TPSS HMI at Federal Center (D04) TPSS. • PMI: Multiple device communication failures with the PLC present as listed on TPSS HMI at Federal Center (D04) TPSS. 		
<p>Remedial Action</p>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> • WMATA must install missing Type 76 relay device, DC Overcurrent, on Rectifier #1 Cathode Breaker at Watergate (C04) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the four DC feeder breakers at Watergate (C04) TPSS. • WMATA must rectify the inherent issue causing the grounded structure trip indication on the Type 64 relay device, Structure Ground, on Rectifier #1 Cathode Breaker at Farragut West (C03) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the five DC feeder breakers at Farragut West (C03) TPSS. • WMATA must bring 3.5kVA inverter into normal mode at Farragut West (C03) TPSS. • WMATA must clear active alarms on HMI at Farragut West (C03) TPSS. • WMATA must rectify device communication failures on HMI at Farragut West (C03) TPSS. • WMATA must install missing Type 76 relay device, DC Overcurrent, on Rectifier #4 Cathode Breaker at Federal Center (D04) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the five DC feeder breakers at Federal Center (D04) TPSS. • WMATA must clear "33X Door Open" alarm on SEL-2411 device on Rectifier #1 at Federal Center (D04) TPSS. • WMATA must clear "33X Door Open" alarm on SEL-2411 device on Rectifier #4 at Federal Center (D04) TPSS. • WMATA must clear active alarms on HMI at Federal Center (D04) TPSS. • WMATA must rectify device communication failures on HMI at Federal Center (D04) TPSS. 		



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	20180712-WMATA-WP-3		
	2018	07	12				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, Tracks 1 and 2, 270+00 to 286+00						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action Required 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	ATC #2371		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 & G Junction	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						D & G Junction		D & G Junction			
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: 2018.07.19 10:44:41 -04'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard and Al Nepa			



Description	<p>FWSO inspectors received a job safety briefing from the WMATA ATC #2371 at D & G Junction 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.</p> <p>The FWSO inspectors 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				Activity Code	TRK	WI	PI	
Job Briefing Employee Name/Title	ATC #2371		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)	D & G Lines	Track Number	Tracks 1 & 2	Chain Marker and/or Station(s)	From			To			
					D98, D & G Junction TCR D1/D2 270+00			D98, D & G Junction TCR D1/D2 286+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>The FWSO inspectors inspected track conditions during a WMATA ATC interlocking inspection on tracks 1 and 2 of the D-Line between 270+00 and 286+00. The switches 5A, 9, and 13 on track 1 and switches 7, 11B, and 15 on track 2 were inspected with no defects. Switches 5B and 11A were inspected on the pocket track with no defects.</p> <p>The FWSO inspectors 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	20180713-WMATA-WP-1		
	2018	07	13				
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	Seward Square (D06), Potomac Ave (D07), Stadium Armory (D08), Minnesota Ave (D09), Deanwood (D10), Cheverly (D11) Traction Power Substations (TPSS)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	36				
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		TP	JSB	OBS
Job Briefing Employee Name/Title	WMATA Power Personnel			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		
							Seward Square (D06) TPSS		Seward Square (D06) TPSS		
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: 2018.07.19 09:55:20 -04'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo



Description	FWSO inspector received a job safety briefing from the WMATA power personnel. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power 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	Traction Power Substation Visual Inspection				Activity Code	TP	RM	PI
Job Briefing Employee Name/Title	WMATA Power Personnel		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
		PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AC OR DC ELECTRICAL FACILITIES, AC UNIT SUBSTATIONS, AUXILIARY ELECTRICAL ROOMS, TRACTION POWER SUBSTATIONS, DC TIE BREAKER SUBSTATIONS, 14 DAY INSPECTION (REVISION 3, AUGUST, 2011)			

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

Line(s)	D-Line	Track Number	N/A	Chain Marker and/or Station(s)	From	To
					Seward Square (D06) TPSS Potomac Ave (D07) TPSS Stadium Armory (D08) TPSS Minnesota Ave (D09) TPSS Deanwood (D10) TPSS Cheverly (D11) TPSS	Seward Square (D06) TPSS Potomac Ave (D07) TPSS Stadium Armory (D08) TPSS Minnesota Ave (D09) TPSS Deanwood (D10) TPSS Cheverly (D11) TPSS

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

Description	The FWSO inspector visually inspected the condition of all electrical equipment in the traction power substation (TPSS) and the overall facility condition. Seward Square (D06), Potomac Ave (D07), Stadium Armory (D08), Minnesota Ave (D09), Deanwood (D10), and Cheverly (D11) TPSSs were visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for TPSS. The following non-color-coded defects were observed: <ul style="list-style-type: none"> PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-D06-31, E-D06-32, E-D06-33, E-D06-34) were observed to have a high voltage threshold indication light at Seward Square (D06) TPSS. PMI: Multiple active alarms present as listed on TPSS HMI at Seward Square (D06) TPSS. PMI: Multiple device communication failures with the PLC present as listed on TPSS HMI at Seward Square (D06) TPSS. PMI: Multiple annunciator alarms present as listed on TPSS HMI at Seward Square (D06) TPSS. PMI: "Failure to open connection with PLC" error as listed on TPSS HMI at Seward Square (D06) TPSS. 	Number of Defects	36
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



	<ul style="list-style-type: none">• PMI 4.11: Rectifier #1 Cathode Breaker (E-D07-21) Type 76 relay device, DC Overcurrent, was observed to be missing at Potomac Ave (D07) TPSS.• PMI 4.11: Rectifier #2 Cathode Breaker (E-D07-22) Type 76 relay device, DC Overcurrent, was observed to be missing at Potomac Ave (D07) TPSS.• PMI 4.11: Rectifier #3 Cathode Breaker (E-D07-23) Type 76 relay device, DC Overcurrent, was observed to be missing at Potomac Ave (D07) TPSS.• PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-D07-31, E-D07-32, E-D07-33, E-D07-34) were observed to have a high voltage threshold indication light at Potomac Ave (D07) TPSS.• PMI 4.11: Rectifier #3 stage 2 over temperature alarm on annunciator panel at Potomac Ave (D07) TPSS.• PMI 4.11: Rectifier #3 diode failure alarm on annunciator panel at Potomac Ave (D07) TPSS.• PMI: Multiple active alarms present as listed on TPSS HMI at Potomac Ave (D07) TPSS.• PMI: Multiple device communication failures with the PLC present as listed on TPSS HMI at Potomac Ave (D07) TPSS.• PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-D08-31, E-D08-32) were observed to have a high voltage threshold indication light at Stadium Armory (D08) TPSS.• PMI 4.12.3: Rectifier failure alarm on UPS at Stadium Armory (D08) TPSS.• PMI 4.12.3: Blower high speed alarm on UPS at Stadium Armory (D08) TPSS.• PMI: "Failure to open connection with PLC" error as listed on TPSS HMI at Stadium Armory (D08) TPSS.• PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-D09-31, E-D09-32, E-D09-33, E-D09-34, E-D09-36) were observed to have a high voltage threshold indication light at Minnesota Ave (D09) TPSS.• PMI: Multiple active alarms present as listed on TPSS HMI at Minnesota Ave (D09) TPSS.• PMI 4.12.5: Battery charger inoperable at Minnesota Ave (D09) TPSS.• PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-D10-31, E-D10-32, E-D10-33, E-D10-34, E-D10-35) were observed to have a high voltage threshold indication light at Deanwood (D10) TPSS.• PMI: Signs of water infiltration were observed on the rear of the AC switchgear at Deanwood (D10) TPSS• PMI 4.11: Rectifier #2 Cathode Breaker Type 76 relay device, DC Overcurrent, was observed to be inoperable at Deanwood (D10) TPSS.• PMI 4.11: Rectifier #1 Cathode Breaker Type 64 relay device, Structure Ground, was observed to have a grounded structure trip indication light illuminated at Deanwood (D10) TPSS.• PMI 4.11: DC switchgear grounded structure alarm on annunciator panel at Deanwood (D10) TPSS.• PMI: HMI inoperable at Deanwood (D10) TPSS.• PMI 4.12.3: Earth fault DC alarm on UPS at Cheverly (D11) TPSS.• PMI 4.12.3: Blower high speed alarm on UPS at Cheverly (D11) TPSS.• PMI 4.12.3: Change filter alarm on UPS at Cheverly (D11) TPSS.• PMI 4.12.3: Filter blower fault alarm on UPS at Cheverly (D11) TPSS.• PMI 4.11: Rectifier #4 Cathode Breaker Type 76 relay device, DC Overcurrent, was observed to be inoperable at Cheverly (D11) TPSS.• PMI 4.11.1: Type 82 relay device, DC Recloser, on DC feeder breakers (E-D11-31, E-D11-32, E-D11-33, E-D11-34, E-D11-35) were observed to have a high voltage threshold indication light at Cheverly (D11) TPSS.• PMI 4.11: Rectifier #1 Cathode Breaker Type 64 relay device, Structure Ground, was observed to have a grounded structure trip indication light illuminated at Cheverly (D11) TPSS.• PMI: Signs of water infiltration were observed on the floor near Rectifier #1 and #2 at Cheverly (D11) TPSS.• PMI 4.11: DC switchgear grounded structure alarm on annunciator panel at Cheverly (D11) TPSS.		
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	<ul style="list-style-type: none"> • PMI: "Failure to open connection with PLC" error as listed on TPSS HMI at Cheverly (D11) TPSS. 		
<p>Remedial Action</p>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the four DC feeder breakers at Seward Square (D06) TPSS. • WMATA must clear active alarms on HMI at Seward Square (D06) TPSS. • WMATA must rectify device communication failures on HMI at Seward Square (D06) TPSS. • WMATA must clear annunciator alarms on HMI at Seward Square (D06) TPSS. • WMATA must rectify HMI and PLC connection error at Seward Square (D06) TPSS. • WMATA must install missing Type 76 relay device, DC Overcurrent, on Rectifier #1 Cathode Breaker at Potomac Ave (D07) TPSS. • WMATA must install missing Type 76 relay device, DC Overcurrent, on Rectifier #2 Cathode Breaker at Potomac Ave (D07) TPSS. • WMATA must install missing Type 76 relay device, DC Overcurrent, on Rectifier #3 Cathode Breaker at Potomac Ave (D07) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the four DC feeder breakers at Potomac Ave (D07) TPSS. • WMATA must rectify rectifier #3 stage 2 over temperature alarm at Potomac Ave (D07) TPSS. • WMATA must rectify rectifier #3 diode failure alarm at Potomac (D07) TPSS. • WMATA must clear active alarms on HMI at Potomac Ave (D07) TPSS. • WMATA must rectify device communication failures on HMI at Potomac Ave (D07) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the two DC feeder breakers at Stadium Armory (D08) TPSS. • WMATA must rectify rectifier failure alarm on UPS at Stadium Armory (D08) TPSS. • WMATA must rectify blower high speed alarm on UPS at Stadium Armory (D08) TPSS. • WMATA must rectify HMI and PLC connection error at Stadium Armory (D08) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the five DC feeder breakers at Minnesota Ave (D09) TPSS. • WMATA must clear active alarms on HMI at Minnesota Ave (D09) TPSS. • WMATA must repair or replace battery charger at Minnesota Ave (D09) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the five DC feeder breakers at Deanwood (D10) TPSS. • WMATA must mitigate water intrusion on the rear of AC switchgear and inspect switchgear for safe energization at Deanwood (D10) TPSS. • WMATA must bring back into service the Type 76 relay device, DC Overcurrent, on Rectifier #2 Cathode Breaker at Deanwood (D10) TPSS. • WMATA must rectify the inherent issue causing the grounded structure trip indication on the Type 64 relay device, Structure Ground, on Rectifier #1 Cathode Breaker at Deanwood (D10) TPSS. • WMATA must rectify DC switchgear grounded structure alarm on annunciator panel at Deanwood (D10) TPSS. • WMATA must bring back into service the HMI at Deanwood (D10) TPSS. • WMATA must rectify earth fault DC alarm on UPS at Cheverly (D11) TPSS. • WMATA must rectify blower high speed alarm on UPS at Cheverly (D11) TPSS. • WMATA must rectify change filter alarm on UPS at Cheverly (D11) TPSS. • WMATA must rectify filter blower fault alarm on UPS at Cheverly (D11) TPSS. • WMATA must bring back into service the Type 76 relay device, DC Overcurrent, on Rectifier #4 Cathode Breaker at Cheverly (D10) TPSS. • WMATA must rectify the inherent issue causing the high voltage threshold indication on the Type 82 relay device, DC Recloser, on the five DC feeder breakers at Cheverly (D11) TPSS. • WMATA must rectify the inherent issue causing the grounded structure trip indication on the Type 64 relay device, Structure Ground, on Rectifier #1 Cathode Breaker at Cheverly (D11) TPSS. • WMATA must mitigate water intrusion on the floor near rectifier #1 and rectifier #2 at Cheverly (D11) TPSS. • WMATA must rectify DC switchgear grounded structure alarm on annunciator panel at Cheverly (D11) TPSS. • WMATA must rectify HMI and PLC connection error at Cheverly (D11) TPSS. 		



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	20180713-WMATA-WP-2		
	2018	07	13				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, Track 1, NOMA-Gallaudet (B35) to Rhode Island Ave. (B04)						

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	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		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST Compliance			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	2330-0100	Outside Shift	Yes		
Related Reports	N/A			Related CAPS / Findings			N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X					X					
Line(s)	B-Line	Track Number	N/A		Chain Marker and/or Station(s)			From		To			
								NOMA-Gallaudet (B35)		NOMA-Gallaudet (B35)			
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: 2018.07.24 08:12:10 -04'00'	



Description	<p>FWSO inspector received a job safety briefing from TRST Compliance at NOMA-Gallaudet (B35) station 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	Compliance Observation				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST Compliance		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	2330-0100	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										
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 1	Chain Marker and/or Station(s)	From			To			
					NOMA-Gallaudet (B35)			Rhode Island Ave. (B04)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector observed TRST compliance performing AMBER testing on track 1 of the B-Line between NOMA-Gallaudet (B35) and Rhode Island Ave. (B04). This test takes automated readings of track geometry, to include gauge and cross level. Inspector also inspected track conditions in the area.</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	20180715-WMATA-WP-1		
	2018	07	15				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	N-Line, Track 1, Spring Hill (N04) to Wiehle-Reston (N06)						

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	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		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6369				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												
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			
								Spring Hill (N04)		Spring Hill (N04)			
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: 2018.07.24 08:15:53 -04'00'</small>
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Alexander Nepa	



Description	<p>FWSO inspector received a job safety briefing from TRST 6369 at Spring Hill (N04) station 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 Observation				Activity Code	TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST 6369	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										
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	Track 1	Chain Marker and/or Station(s)	From			To			
					Spring Hill (N04)			Wiehle-Reston (N06)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector observed WMATA employees and contractor performing a track inspection on track 1 of the N-Line between Spring Hill (N04) and Wiehle-Reston (N06). Inspector also inspected track conditions in the area.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000 9.22.4: Three consecutive loose frog bolts N93 switch # 1A at N1 897+00. TRST 1000 13.3.14: Third rail coverboard was missing at N1 1010+20. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a. <p>Other notable observation:</p> <ul style="list-style-type: none"> Only one bolt was holding the cover of the Wee-Zee bond at N1 1049+70. 						Number of Defects	2			
							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 tighten loose frog bolts at N93, switch 1A, at N1 897+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	20180716-WMATA-WP-1		
	2018	07	16				
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 Stadium Armory (D08) and Capitol South (D05)						

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	5				
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 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												
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			
								Stadium Armory (D08)		Stadium Armory (D08)			
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: 2018.07.19 10:56:59 -04'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Paul Martinez		



Description	<p>FWSO inspector received a job safety briefing from TRST 677 at Stadium Armory (D08) station 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>A post inspection safety briefing was conducted at Capitol South (D05) station. No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 677			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No
Related Reports	Safety Directive 17-1			Related CAPS / Findings		Remedial Action ID #: 1014, 2123, 2464 CAP: FTA-TPE-17-021-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		
Line(s)	D-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Stadium Armory (D08)			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 one of the D-Line between Stadium Armory (D08) and Capitol South (D05). FWSO inspector also inspected track conditions in the area. During the inspection, two remedial actions were verified as complete.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000, 10.17.4.1: From D1 199+00 to D1 200+00, relay rail was stored between the rails, which created a tripping hazard. TRST1000, 13.3.14, 13.7: From CM D1 183+00 to D1 187+00, coverboards were missing to end of third rail. TRST 1000, 13.3.4: At D1 197+00, broken 3rd rail anchor arm was observed. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a. TRST 1000 10.17.4.1: At D1 175 +00, relay rail was stored between the rails, which created a tripping hazard. TRST 1000 10.17.4.1: From CM D1 140+00 to 147+00, old relay rail was stored between rails, which created a tripping hazard. TRST 1000 Table 7-1: Defective fasteners at D1 117+90 have ¼" movement, which created 56 5/8" gage underload. See Figures 1 and 2 below. Remedial action for this defect is addressed in WMATA's approach to Remedial Action ID #2123. See figures 1 and 2 below. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> The third rail anchor arm at D1 174+20 has been repaired. The cables on catwalk at D1 189+00 have been removed. 						Number of Defects	6			
							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 rail from D1 199+00 to D1 200+00. WMATA must replace 3rd rail anchor arm at D1 197+00. WMATA must remove relay rail at D1 175+00. WMATA must remove the rail from D1 140+00 to D1 147+00. 										

Photos:



Figure 1: Defective fastener at D1 117+90, ID # 2123 has ¼" movement underload.



Figure 2: Defective fastener at D1 117+90, ID # 2123 has ¼" movement underload.



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	20180717-WMATA-WP-1		
	2018	07	17				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Alexandria Yard Lead Interlocking (C98)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action 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 621		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1200-1300	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										
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 (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
		WINSLOW L. POWELL <small>Digitally signed by WINSLOW L. POWELL Date: 2018.07.24 08:18:35 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Al Nepa, Lee Emard, Mike Vitale	



Description	<p>FWSO inspectors received a job safety briefing from TRST 621 at the Alexandria Yard (C99) 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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 621		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1200-1300	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		Remedial Action ID: 1420, 1427						
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)	N-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Alexandria Yard Lead (C98)			Alexandria Yard Lead (C98)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspectors performed a remedial action follow-up inspection at the Alexandria Yard Lead interlocking (C98). Inspectors also inspected track conditions in the area. Two remedial actions were verified complete.</p> <p>The FWSO inspectors did not note any defects.</p> <p>Other notable observation:</p> <ul style="list-style-type: none"> Multiple switches in the C98 interlocking had the numbers 3 and 4 switch rods loose. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> WMATA has corrected the fastener condition under the frog and surface condition at the 3B switch. WMATA has repaired the switch point at the 1A switch. 						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	20180718-WMATA-WP-1		
	2018	07	18				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line Track 1, between Deanwood (D10) and Minnesota Avenue (D09)						

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 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 621		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										
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		
							Deanwood (D10)		Deanwood (D10)		
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: 2018.07.31 14:12:23 -04'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Paul Martinez	



Description	<p>FWSO inspector received a job safety briefing from TRST 621 at Deanwood (D10) station 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>A post inspection safety briefing was conducted at Minnesota Avenue (D09) station. No issues were raised or discussed and no exceptions were taken.</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					Activity Code	TRK	WI	PI
Job Briefing Employee Name/Title	TRST 621		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			
	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)	D-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Deanwood (D10)			Minnesota Avenue (D09)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector performed a Track Inspection on track one of the D-Line between Deanwood (D10) and Minnesota Avenue (D09).</p> <p>The following non-color-coded defect was observed:</p> <ul style="list-style-type: none"> TRST 1000, 13.3.8: Broken third rail insulator was observed at D1 339+30. 						Number of Defects	1			
							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 broken third rail insulator at D1 339+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	20180718-WMATA-WP-2		
	2018	07	18				
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	Gallery Place – Chinatown (F01) Train Control Room (TCR) and E1 018+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	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		ATC	JSB	OBS
Job Briefing Employee Name/Title	WMATA ATC Personnel			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100 to 0500	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		
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X								
Line(s)	E-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Mt. Vernon (E01)			Mt. Vernon (E01)			
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: 2018.07.31 14:14:30 -04'00'</small>	
Inspector in Charge – Name Winslow Powell	Inspection Team Tino Sahoo		



Description	FWSO inspector received a job safety briefing from the WMATA ATC personnel. 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 Cable Meggering				Activity Code	ATC	RM	PI
Job Briefing Employee Name/Title	WMATA ATC Personnel		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100 to 0500	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
	ATC 1000 – 1001 CABLE INSULATION RESISTANCE TEST (REVISION 3, JANUARY, 21, 2016)				

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- and F-Lines	Track Number	Track 1	Chain Marker and/or Station(s)	From	To
					Gallery Place (F01) TCR E1 018+00	Gallery Place (F01) TCR E1 018+00

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

Description	The FWSO inspector observed WMATA ATC personnel perform cable meggering in accordance with the ATC 1000 manual – 1001 test for cable insulation resistance from Gallery Place (F01) train control room to wayside ATC box E1-18-IJ (Intermediate Junction) located at E1 018+00. The cables originated from the E1 rack in Gallery Place (F01) train control room. Wire to wire resistance and wire to ground resistance were measured to ensure the cables were within the proper thresholds. 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
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	20180718-WMATA-WP-3		
	2018	07	18				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, Track 1, between Forest Glen (B09) and Silver Spring (B08)						

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 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	2200-0200	Outside Shift	Yes	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	RWPM										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X							X	
Line(s)	B-Line	Track Number	N/A	Chain Marker and/or Station(s)			From		To		
							Silver Spring (B08)		Silver Spring (B08)		
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: 2018.07.31 14:17:43 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard	



Description	FWSO inspector received a job safety briefing from TRST 677 at Silver Spring (B08) station 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	PI
Job Briefing Employee Name/Title	TRST 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	2200-0200	Outside Shift	Yes		
Related Reports	N/A		Related CAPS / Findings		Remedial Action ID: 2601, 2771							
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	X	X		
Line(s)	B-Line	Track Number	Track 1	Chain Marker and/or Station(s)			From		To			
							Forest Glenn (B09)		Silver Spring (B08)			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A					
	N/A		N/A									
Description	FWSO inspector performed a remedial action verification on track 1 of the B-Line between Forest Glen (B09) and Silver Spring (B08). Inspector also inspected track conditions in the area. During the inspection, two remedial actions were verified as complete.							Number of Defects		1		
								Recommended Finding?		No		
								Remedial Action Required?		Yes		
	The following color-coded defect was observed: <ul style="list-style-type: none"> TRST 1000 7.10.1: At CM B1 480+55, grout pads under three consecutive fasteners need to be repaired. New fasteners have been installed and tightened on both sides of defective grout pads. Yellow condition. The following remedial actions were verified as complete: <ul style="list-style-type: none"> WMATA has replaced defective fasteners at CM B1 480 +55 and tightened on both sides of grout pads. WMATA has replaced and tightened defective fasteners between CM B1 509+40 and CM B1 509 +50. 							Recommended Reinspection?		Yes		
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> WMATA must repair grout pads at CM B1 480+55. 											



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	20180718-WMATA-WP-4		
	2018	07	18				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, Track 1, L'Enfant Plaza (D03) to Metro Center (C01)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action 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 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1230	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	RWPM										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X								
Line(s)	D-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To		
							L'Enfant Plaza (D03)		L'Enfant Plaza (D03)		
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: 2018.07.31 14:19:38 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Al Nepa	



Description	<p>FWSO inspector received a job safety briefing from TRST 677 at L'Enfant Plaza (D03) station 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			

Inspection Activity #	2	Inspection Subject					Track Inspection		Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 677			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1230	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				
Line(s)	D-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To					
					L'Enfant Plaza (D03)			Metro Center (C01)					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	<p>FWSO inspector performed a track inspection on track one of the D-Line between L'Enfant Plaza (D03) and Metro Center (C01). Inspector also inspected track conditions in the area.</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	20180719-WMATA-WP-1		
	2018	07	19				
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, Track 2, Pentagon (C07) to Rosslyn (C05)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action Required 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 679			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												
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			
							Pentagon (C07)		Pentagon (C07)				
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: 2018.07.31 14:21:43 -04'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Paul Martinez		



Description	<p>FWSO inspector received a job safety briefing from TRST 679 at Pentagon (C07) station 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>A post inspection safety briefing was conducted at Rosslyn station. No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 679		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		Remedial Action ID: 2379, 1777						
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			
						Pentagon (C07)		Rosslyn (C05)			
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 C-Line between Pentagon (C07) and Rosslyn (C05). FWSO Inspector also inspected track conditions in the area. During the inspection, two remedial actions were verified as complete.</p> <p>The FWSO inspector did not note any defects.</p> <p>The following remedial action were verified as complete:</p> <ul style="list-style-type: none"> The third rail anchor arm at C2 202+00 has been repaired. The third rail anchor arm at C2 167+00 has been repaired. 						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	20180719-WMATA-WP-2		
	2018	07	19				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	F-Line, Tracks 1 and 2, Southern Ave. (F07) to Naylor Road (F08)						

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 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 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1230	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	RWPM										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X								
Line(s)	D-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To		
							Naylor Road (F08)		Naylor Road (F08)		
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: 2018.07.31 14:24:46 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Al Nepa	



Description	<p>FWSO inspector received a job safety briefing from TRST 677 at Naylor Road (F08) station 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			

Inspection Activity #	2	Inspection Subject	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1230	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		Remeedial Action ID: 2791 CAP: FTA-TPE-17-021-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			
Line(s)	F-Line	Track Number	Track 1 and 2	Chain Marker and/or Station(s)	From		To				
					Southern Ave. (F07)		Naylor Road (F08)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector performed a remedial action verification on tracks one and two of the F-Line between Southern Ave. (F07) and Naylor Road (F08). Inspector also inspected track conditions in the area. One remedial action was verified as complete.</p> <p>The following non-color-coded defect was observed:</p> <ul style="list-style-type: none"> TRST 1000 13.3.14: Missing coverboard was observed at F2 397+70. Remedial Action for this defect is addressed in WMATA's approach to CAP FTA-TPE-17-021-a. <p>The following remedial action was verified as complete:</p> <ul style="list-style-type: none"> Chipped rail has been repaired at F1 322+70. 						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	20180721-WMATA-WP-1		
	2018	07	21				
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	B-Line, Tracks 1 and 2, between NoMa-Gallaudet U (B35) and Fort Totten (B06)						

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 6028			Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0730-1300	Outside Shift	Yes		
Related Reports	N/A			Related CAPS / Findings			N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X					X					
Line(s)	B-Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To			
								Rhode Island Avenue (B04)		Rhode Island Avenue (B04)			
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: 2018.07.31 14:26:25 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa	



Description	FWSO inspector received a job safety briefing from TRST 6028 at the Rhode Island Avenue (B04) 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	Work Zone Set-Up Verification				Activity Code	TRK	WI	OBS					
Job Briefing Employee Name/Title	TRST 621		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0730-1300	Outside Shift	Yes					
Related Reports	N/A		Related CAPS / Findings												
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)	B-Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To							
					NoMa-Gallaudet U (B35)			Fort Totten (B06)							
Vehicles	Head Car Number		Number of Cars		Equipment	N/A									
	N/A		N/A												
Description	FWSO inspector performed a work zone set-up verification between NoMa-Gallaudet U (B35) and Fort Totten (B06). Inspector also observed material and equipment staging between those stations. The FWSO inspector did not note any defects.						Number of Defects	0							
	Other notable observations: <ul style="list-style-type: none"> Work zone barricade locations at B1 122+61, B1 254+00 and B2 123+73, 254+00 were compliant with all WMATA RWP requirements for inaccessible track (IT) protection. Track vacuum vehicle JR01 located at B2 124+70 did not have its wheels chocked as required. Once reported, the condition was immediately rectified. 						Recommended Finding?	No							
							Recommended Reinspection?						No		
													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	20180724-WMATA-WP-1		
	2018	07	24				
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	G-Line, Largo Town Center (G05) to Benning Road (G01)						

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	5				
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 679			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												
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			
								Largo Town Center (G05)	Largo Town Center (G05)				
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: 2018.07.31 14:40:12 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Paul Martinez	



Description	<p>FWSO inspector received a job safety briefing from TRST 679 at Largo Town Center (G05) station 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>A post inspection safety briefing was conducted at Benning Road (G01) station. No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 679		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		Remedial Action ID #2397, 2400, 1789						
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)	G-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Largo Town Center (G05)			Benning Road (G01)			
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 one of the G-Line between Largo Town Center (G05) and Benning Road (G01). FWSO inspector also inspected track conditions in the area. During the inspection, three remedial actions were verified as complete.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000, 5.14.7: One bolt was missing on old insulated joint bar at G1 485+90. • TRST 1000, 13.3.4: Broken 3rd rail anchor arm was observed at G1 483+90. • TRST 1000, Table 5: Twenty mismatch on tread due to rail end chipped out about 1/8" at G1 483+70. • TRST 1000, 5.14.7: Two bolts were missing on one rail end of joint bar protecting a rail defect at G1 483+55, right rail. • TRST 1000, 3.2.2.1: Clogged drain was observed at G1 408+20. Mud has built up around it. <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"> • The defective fasteners at G1 409+30 have been repaired. • The track material between G1 405+00 to G1 401+00 has been removed. • The missing ETS box cover at G1 392+30 has been replaced. 						Defects	5			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							Recommended Reinspection?	Yes			
Remedial Action	<p>To achieve compliance with WMATA'S requirements:</p> <ul style="list-style-type: none"> • WMATA must replace missing bolt at G1 485+90. • WMATA must replace broken 3rd rail anchor arm at G1 483+90. • WMATA must repair rail end mismatch at G1 483+70. • WMATA must replace missing bolts at G1 483+55. • WMATA must unclog drain and remove mud at G1 408+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	20180724-WMATA-WP-2		
	2018	07	24				
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	B-Line, Tracks 1 and 2, between NoMa-Gallaudet U(B35) and Fort Totten (B06)						

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 6028		Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0730-1300	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										
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				
					Rhode Island Avenue (B04)		Rhode Island Avenue (B04)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector received a job safety briefing from TRST 6028 at the Rhode Island Avenue (B04) 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.							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	

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: 2018.08.01 07:04:47 -04'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa		



		The FWSO inspector did not note any defects.											
Remedial Action		N/A											
Inspection Activity #	2	Inspection Subject				Work Zone Set-Up Verification			Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 677 & 687			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0730-1300	Outside Shift	No		
Related Reports		N/A			Related CAPS / Findings								
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)		B-Line		Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)		From		To			
								NoMa-Gallaudet U (B35)		Fort Totten (B06)			
Vehicles		Head Car Number		Number of Cars		Equipment		N/A					
		N/A		N/A									
Description		<p>FWSO inspector performed a work zone set-up verification between NoMa-Gallaudet U (B35) and Fort Totten (B06). Inspector also observed material and equipment staging between those stations. Work zone barricade locations at B1 122+61, B1 227+00 and B2 123+73, 254+90 were compliant with all WMATA RWP requirement for inaccessible track (IT) protection. Inspector also observed piggy back work zones at B1 211+00, B1 206+00 and B2 204+00, 211+25.</p> <p>The FWSO inspector did not note any defects.</p> <p>Other notable observations:</p> <ul style="list-style-type: none"> One e-flare at B1 211+00 was not operating, this condition was reported and immediately repaired. 							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	20180725-WMATA-WP-1		
	2018	07	25				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	E-Line, Fort Totten (E06) to West Hyattsville (E07)						

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	5				
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 679		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										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X					X			
Line(s)	E-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Fort Totten (E06)			Fort Totten (E06)			
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: 2018.07.31 14:42:53 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Paul Martinez	



Description	<p>FWSO inspector received a job safety briefing from TRST 679 at Fort Totten (E06) station 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>A post inspection safety briefing was conducted at West Hyattsville (E07) station. No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 679			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No
Related Reports	N/A			Related CAPS / Findings		Remedial Action ID: 2811 CAP: FTA-TPE-17-021-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)	E-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					Fort Totten (E06)			West Hyattsville (E07)			
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 two of the E-Line between Fort Totten (E06) and West Hyattsville (E07). FWSO Inspector also inspected track conditions in the area. During the inspection, one remedial actions was verified as complete.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000, 13.3.14: Coverboard was missing at E2 275+20. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A. TRST 1000, 13.3.14: Coverboard was missing at E2 275+50. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A. TRST 1000, 13.3.14: Coverboard was missing at E2 276+00. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A. TRST 1000, 13.3.14: Coverboard was missing at E2 283+50. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A. TRST 1000, 13.3.14: Coverboard was missing at E2 284+50. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A. <p>The following remedial action was verified as complete:</p> <ul style="list-style-type: none"> The defective fasteners at E2 286+4 have been replaced. 						Number of Defects	5			
							Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	N/A										



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

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20180725-WMATA-WP-2		
	2018	07	25				
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	J and C-Line, Van Dorn Street (J02) to King Street-Old Town (C13)						

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 6034					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												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X					X					
Line(s)	J-Line	Track Number	N/A	Chain Marker and/or Station(s)	From				To				
					Van Dorn Street (J02)				Van Dorn Street (J02)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	FWSO inspector received a job safety briefing from TRST 6034 at the Van Dorn Street (J02) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards							Number of Defects		0			
								Recommended Finding?		No			
								Remedial Action Required?		No			

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: 2018.07.31 14:56:24 -0400</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa		



	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.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Walker Observation				Activity Code	TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST 6034		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings	TOC-EVC-15-001-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	X	
Line(s)	J-Line	Track Number	Track 2	Chain Marker and/or Station(s)		From		To			
						Van Dorn Street (J02)		King Street-Old Town (C13)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector performed a track walker observation of track two between Van Dorn Street (J02) and King Street-Old Town (C13). Inspector also observed general conditions between those areas.</p> <p>The following non-color-coded defect was noted:</p> <ul style="list-style-type: none"> TRST 1000, 10.15: Between J2 508+00 and 513+00 through the portal, tunnel lights were not operating. Remedial action for this defect is addressed in WMATA's approach to TOC-EVC-15-001-A. <p>Other notable observations:</p> <ul style="list-style-type: none"> On the track two side of Van Dorn platform, many of the platform pavers have become dislodged, loose, or are missing, which created a trip-and-fall hazard. See Figures 1 and 2 below. On track two within the three aerial structures, many of the elastic fasteners were showing signs of degradation, which allowed ½ inch dynamic vertical deflection. See Figure 3 below. Between J2 641+00 and 642+00 off the direct fixation to the ballasted track, a slight alignment defect (flat spot) and a cross level (dip) were observed. 						Number of Defects	1			
							Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	N/A										



Photos:



Figure 1: Dislodged pavers at Van Dorn Street platform track two side.



Figure 2: Dislodged pavers at Van Dorn Street platform track two side.



Figure 3: Failing elastic fasteners on track two within the three aerial structures.



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	20180725-WMATA-WP-3		
	2018	07	25				
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]
Inspection Location	E-Line, Track 1, between Fort Totten (E06) and E1 238+00						

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 Required¹	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	WMATA RWIC			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)	E-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Fort Totten (E06)			Fort Totten (E06)			
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: 2018.08.01 07:07:03 -04'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo and Lee Emard		



Description	FWSO inspectors received a job safety briefing from the roadway worker in charge (RWIC) at Fort Totten (E06) 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 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	Third Rail and Cable Inspection Observation				Activity Code	TP	WI	OBS	
Job Briefing Employee Name/Title	WMATA RWIC			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No
Related Reports	Safety Directive 15-1			Related CAPS / Findings	CAP R-2-18-A, R-2-19-A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference		
	T-16-07										
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 1	Chain Marker and/or Station(s)	From			To			
					Fort Totten (E06)			E1 238+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspectors observed WMATA employees perform a third rail and cable inspection on track 1 of the E-Line between Fort Totten (E06) and E1 238+00. The inspectors also inspected cable and third rail conditions. The following non-color-coded defect was observed: <ul style="list-style-type: none"> Permanent Order T-16-07: Train operator was observed speeding past roadway workers at E1 238+00. Remedial action for this defect is addressed by WMATA's approach to CAP R-2-18-A and R-2-19-A. 						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	20180726-WMATA-WP-1		
	2018	07	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	K and N-Lines, between East Falls Church (K05) and McLean (N01)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action Required 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 679						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													
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					
							East Falls Church (K05)		East Falls Church (K05)					
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: 2018.07.31 14:48:33 -04'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Paul Martinez		



Description	<p>FWSO inspector received a job safety briefing from TRST 679 at East Falls Church (K05) station 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>A post inspection safety briefing was conducted at McLean (N01) station. No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 679			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No
Related Reports	N/A		Related CAPS / Findings		Remedial Action ID: 1779						
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- and N-Lines	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					East Falls Church (K05)			McLean (N01)			
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 one of the N-Line between East Falls Church (K05) and McLean (N01). FWSO Inspector also inspected track conditions in the area. During the inspection, one remedial actions was verified as complete.</p> <p>The FWSO inspector did not note any defects.</p> <p>The following remedial action has been verified complete.</p> <ul style="list-style-type: none"> The loose fasteners at CM N1 510+50 have been retorqued 						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	20180726-WMATA-WP-2		
	2018	07	26				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	E-Line, Track 2, between West Hyattsville (E07) and Prince George's Plaza (E08)						

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 Required¹	No	No				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	WMATA RWIC		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)	E-Line		Track Number	N/A	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								

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: 2018.08.01 07:09:29 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo and Lee Emard	



Description	FWSO inspectors received a job safety briefing from the roadway worker in charge (RWIC) at West Hyattsville (E07) 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 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	Third Rail and Cable Inspection Observation				Activity Code	TP	WI	OBS	
Job Briefing Employee Name/Title	WMATA RWIC		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	Safety Directive 16-2 Safety Directive 17-1		Related CAPS / Findings	CAP: TOC-EVC-15-001-A, FTA-TPE-17-021-A Remedial Action ID: 402							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	PREVENTIVE MAINTENANCE INSPECTION FOR LIGHTING INSPECTION AND RE-LAMPING OF WMATA OWNED OR OPERATED FACILITIES, REVISION 4, JUNE 20, 2013										
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)	E-Line	Track Number	Track 2	Chain Marker and/or Station(s)			From		To		
							West Hyattsville (E07)		Prince George's Plaza (E08)		
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description	FWSO inspectors observed WMATA employees perform a cable inspection on track 2 of the E-Line between West Hyattsville (E07) and Prince George's Plaza (E08). Inspectors also inspected cable and third rail conditions.						Number of Defects	3			
	The following non-color-coded defects were observed: <ul style="list-style-type: none"> TRST 1000, 10.15: Poor lighting was observed between E2 375+00 and E2 400+00. Remedial action for this defect is addressed by WMATA's approach to CAP TOC-EVC-15-001-A. TRST 1000, 10.15: Poor lighting was observed between E2 415+00 and E2 420+00. Remedial action for this defect is addressed by WMATA's approach to CAP TOC-EVC-15-001-A. TRST 1000, 13.5.7: Third rail end approach was missing cover board at E2 414+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. The following remedial action was verified as complete: <ul style="list-style-type: none"> The power cables have been installed per EMI at E2 402+00. 						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	20180727-WMATA-WP-1		
	2018	07	27				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	F-Line, Track 1, between Naylor Road (F09) and Branch Ave (F11)						

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	8				
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	WMATA RWIC		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)	F-Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						Naylor Road (F09)		Naylor Road (F09)			
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: 2018.08.01 07:11:53 -0400</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo	



Description	FWSO inspector received a job safety briefing from the roadway worker in charge (RWIC) at Naylor Road (F09) 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	WMATA RWIC		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										
	ATC 3004 – ATC WAYSIDE INSPECTIONS										
	THIRD RAIL HEAT TAPE SYSTEM – 365 DAY INSPECTION										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X		X	
Line(s)	F-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From		To				
					Naylor Road (F09)		Branch Ave (F11)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector observed WMATA employees perform a cable inspection on track 1 of the F-Line between Naylor Road (F09) and Branch Ave (F11). Inspector also inspected cable and third rail conditions. The following non-color-coded defects were observed: <ul style="list-style-type: none"> DD-TP-SSI-013: Broken conduit stub-up and dislodged O-Z Gedney bushing were observed at F1 383+00. TRST 1000 Manual, 13.5.7: Third rail end approach was missing cover board at F1 397+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. TRST 1000 Manual, 13.5.7: Third rail end approach was missing cover board at F2 397+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. DD-TP-SSI-013: Cables in conduit were observed too close to underside of third rail at F1 408+50. See Figure 1 and 2 below. ATC 3000 Manual, Section 3004: Damaged ATC jumper cables were observed at F1 429+50. ATC 3000 Manual, Section 3004: Damaged ATC cross bond cables were observed at F1 435+50. TRST 1000 Manual, 10.17.4.1: Relay rail was observed in track bed between F1 515+00 and F1 517+00. PMI (Heat Tape): #4 AWG conductor from trackside heater control panel to heat tape shoebox in waterlogged conduit at F1 538+00. 						Number of Defects	8			
							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 repair or replace broken conduit stub-up and install new O-Z Gedney bushing at F1 383+00. WMATA must increase clearance of cables underneath third rail at F1 408+50. WMATA must replace damaged ATC jumper cables at F1 429+50. WMATA must replace damaged ATC cross bond cables at F1 435+50. WMATA must remove relay rail between F1 515+00 and F1 517+00. 										



- WMATA must remove water from conduit, megger #4 AWG cable to ensure insulation resistance, and repair cable if needed at F1 538+00.

Photos:



Figure 1: Cables underneath third rail at F1 408+50.



Figure 2: Cables and conduit underneath third rail at F1 408+50.



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	20180728-WMATA-WP-1		
	2018	07	28				
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	B-Line, Tracks 1 and 2, between Brentwood (B99) and Brookland (B05)						

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 6082		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1900-0300	Outside Shift	Yes	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	RWPM										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X					X			
Line(s)	B-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Rhode Island Avenue (B04)			Rhode Island Avenue (B04)			
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: 2018.08.01 09:53:21 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa	



Description	FWSO inspector received a job safety briefing from TRST 6082 at the Rhode Island Avenue 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	Work Zone Set-Up Verification					Activity Code	TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 630 and 601		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1900-0300	Outside Shift	Yes	
Related Reports	N/A		Related CAPS / Findings								
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	X	
Line(s)	B-Line	Track Number	Track 1 and 2	Chain Marker and/or Station(s)	From			To			
					Brentwood Yard (B99)			Brookland (B05)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector performed a work zone set-up verification and grout pad renewal inspection. Inspector also observed track conditions in the shutdown area.							Number of Defects	0		
	All roadway worker protection components observed were installed in locations described in the job safety briefing. Each working limit had all required components for inaccessible track protection, to include work mats, crosstie barrier with lock and chain, and functioning e-flares. Inspector also noted the use of WSAD devices in the area. All contractor and WMATA personnel were wearing the required PPE and were observed to have the correct wristband indicating their receipt of a job safety briefing.							Recommended Finding?	No		
	Inspector also noted WMATA preparation for work. Material for wooden forms for new grout pads were present as well as new shims that will be used to ensure level boarding at the platform. During a follow-up visit, FWSO met with WMATA TRST employees to verify the presence of rail cant in the newly poured grout pads. WMATA stated that elevation measurements were taken in several locations within the grout pad and the appropriate rail cant was marked and string lined on the forms prior to pouring concrete. Verification of proper alignment will be done as work progresses.							Remedial Action Required?	No		
	The FWSO inspector did not note any defects.							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	20180729-WMATA-WP-1		
	2018	07	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	F-Line, Track 1, between L'Enfant Plaza (F03) and Navy Yard (F05)						

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 6168			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0730-1300	Outside Shift	Yes		
Related Reports	N/A			Related CAPS / Findings			N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X					X					
Line(s)	F-Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To			
								Waterfront (F04)		Waterfront (F04)			
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: 2018.08.01 08:31:47 -0400'	



Description	<p>FWSO inspector received a job safety briefing from TRST 6168 at the Waterfront Station 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	Work Zone Set-Up Verification				Activity Code	TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST 687		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0730-1300	Outside Shift	Yes	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	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)	F-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					L'Enfant Plaza (F03)			Navy Yard (F05)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector performed a work zone set-up verification and fastener renewal inspection between L'Enfant Plaza (F03) and Navy Yard (F05). Inspector also observed general conditions between those areas. All the work zones observed at F1 114+80, F1 060+00 and F1 055+00 were identified correctly and complied with WMATA RWP requirements.</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	20180730-WMATA-WP-1		
	2018	07	30				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	L-Line, Track 1, between L'Enfant Plaza (F03) and Pentagon (C07)						

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 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											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A	
			X							X		
Line(s)	L-Line	Track Number	N/A	Chain Marker and/or Station(s)			From		To			
							L'Enfant Plaza (F03)		L'Enfant Plaza (F03)			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A					
	N/A		N/A									

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: 2018.08.01 08:27:28 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa	



Description	FWSO inspector received a job safety briefing from TRST 677 at L'Enfant Plaza (F03) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID. 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 Walker Observation				Activity Code	TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1300	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings	Remedial Action ID: 2788							
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)	L-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					L'Enfant Plaza (F03)			Pentagon (C07)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	The FWSO inspector performed a track walker observation of track one between L'Enfant Plaza (F03) and Pentagon (C07). The inspector also observed track conditions in the area.						Number of Defects	0			
	The FWSO inspector did not note any defects. The following remedial action was verified as complete: <ul style="list-style-type: none"> Between L1 158+80 and 158+90 the fasteners have been replaced. 						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	20180731-WMATA-WP-1		
	2018	07	31				
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, between Capitol South (D05) and L'Enfant Plaza (D03)						

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	No				

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	1000-1300	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										
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		WINSLOW L. POWELL	Date <small>Digitally signed by WINSLOW L. POWELL Date: 2018.08.02 14:03:32 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Paul Martinez		



Description	<p>FWSO inspector received a job safety briefing from TRST 677 at Capitol South (D05) station 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>A post inspection safety briefing was conducted at L'Enfant Plaza station. No issues were raised or discussed and no exceptions were taken.</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	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 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			
	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)	D-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Capitol South (D05)			L'Enfant Plaza (D03)			
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 two of the D-Line between Capitol South (D05) and L'Enfant Plaza (D03). FWSO Inspector also inspected track conditions in the area.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000, 5.11.8: At D1 098+90 shelling observed at left rail at joint. See Figure 1 below. • TRST 1000, table 5: Tread mismatch at joint at D1 085+80 observed at 3/16" due to chip out at joint. See Figure 2 below. 						Number of Defects	2			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							Recommended Reinspection?	No			
Remedial Action	<p>To achieve compliance with WMATA'S requirements:</p> <ul style="list-style-type: none"> • WMATA must replace rail at D1 098+90. • WMATA must replace rail at D1 085+80. 										



PHOTOS:



Figure 1: 1/8th inch rail shelling at D1 098+90.



Figure 2: 3/16 inch mismatch at joint at D1 085+80.



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	20180731-WMATA-WP-2		
	2018	07	31				
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	Forest Glen (B09) Train Control Room (TCR) and B2 493+00 to B2 587+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)	1	6				
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	WMATA ATC Personnel		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										
	R-17-02										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			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		Date	
		WINSLOW L. POWELL	
Inspector in Charge - Name Winslow Powell		Inspection Team Tino Sahoo and Lee Emard	

Digitally signed by WINSLOW L. POWELL
Date: 2018.08.02 14:06:27 -0400



Description	<p>FWSO inspectors received a job safety briefing from the WMATA ATC personnel. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.</p> <p>The following non-color-coded defect was observed:</p> <ul style="list-style-type: none"> • RWPM: During the job safety briefing, RWIC #2198 was using and referenced an outdated RWP roadway access guide for hotspots (dated June, 1, 2014, Rev 2) while covering the “red” hotspots on the mainline track in the work area that would require foul time as stated by Permanent Order R-17-02. FWSO inspectors alerted and provided RWIC #2198 with the latest revised roadway access guide (dated April 28, 2017) that was issued in conjunction Permanent Order R-17-02. 	Number of Defects	1
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	Yes
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	ATC Track Circuit Shunt Verification Inspection				Activity Code	ATC	RM	PI	
Job Briefing Employee Name/Title	WMATA ATC Personnel		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 16-2 Safety Directive 17-1		Related CAPS / Findings		CAP: TOC-SRT-15-002, TOC-EVC-15-001-A, FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	ATC 1000 – 1012C TRACK CIRCUIT SHUNT VERIFICATION TEST										
	ATC 1000 – 1012D AF TRACK CIRCUIT RECEIVER OUTPUT TEST (UNINTENDED SIGNAL)										
	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)	B-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From		To				
					Forest Glen (B09) TCR B2 493+00			Forest Glen (B09) TCR B2 587+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>The FWSO inspectors observed WMATA ATC personnel perform track circuit shunt verification and unintended signal tests in accordance with the ATC 1000 manual – 1012C test and ATC 1000 manual – 1012D test respectively. One FWSO inspector was stationed at Forest Glen (B09) TCR Room and the other inspector was wayside on mainline track. The track circuit shunt verification and unintended signal tests were done for seventeen track circuits located wayside between B2 493+00 and B2 587+00.</p> <p>The FWSO inspectors did not note any defects associated with observation of ATC tests and inspection.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000 Manual, 3.2.2.4: Tunnel ceiling leak was observed at B2 509+50. Remedial action for this defect is addressed by WMATA’s approach to TOC-SRT-15-002. • TRST 1000 Manual, 13.5.7: Third rail end approach was missing cover board at B2 533+00. Remedial action for this defect is addressed by WMATA’s approach to FTA-TPE-17-021-A. • TRST 1000 Manual, 3.2.2.4: Tunnel leak from fire equipment cabinet room was observed at B2 541+00. Remedial action for this defect is addressed by WMATA’s approach to TOC-SRT-15-002. 						Number of Defects	6			
							Recommended Finding?	No			
							Remedial Action Required?	No			
							Recommended Reinspection?	Yes			



	<ul style="list-style-type: none">• TRST 1000 Manual 10.15: Poor tunnel illumination was noted between B2 493+00 and B2 541+00. Remedial action for this defect is addressed by WMATA's approach to CAP TOC-EVC-15-001-A.• TRST 1000 Manual, 13.5.7: Third rail end approach was missing cover board at B2 563+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.• TRST 1000 Manual 10.15: Poor tunnel illumination was noted between B2 546+00 and B2 587+00. Remedial action for this defect is addressed by WMATA's approach to CAP TOC-EVC-15-001-A.		
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	20180731-WMATA-WP-3		
	2018	07	31				
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]
	[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	RTRA-RC-OBS	TRK-RC-OBS				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action Required¹	No	No				
Recommended Reinspection	No	No				

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	1000-1415	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		T-16-07								
	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	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								

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Inspector in Charge - Signature		Date
[Signature]		WINSLOW L. POWELL <small>Digitally signed by WINSLOW L. POWELL Date: 2018.08.03 13:05:32 -04'00'</small>
Inspector in Charge - Name Winslow Powell	Inspection Team Tamara Powell	



Description	<p>FWSO inspector observed WMATA train operators' compliance with WMATA roadway worker protection (RWP) rules while operating in an area with WMATA ATC crew working on the roadway. Inspector met with ATC crew at Forest Glen platform to confirm the limits of their work.</p> <p>The inspector observed a total of four (4) trains. All operators operated their trains in compliance with Permanent Order R-17-03. Each operator met with and confirmed receipt of operating conditions and instructions provided by the Advanced Mobile Flagger (AMF) at Wheaton Station. All trains sounded horns departing station, as instructed by platform AMF, operated at ½ the regulated speed until reaching roadway crew, and operated at restricted speed past crew until the train was completely clear of roadway personnel.</p> <p>Inspector conducted a debriefing with the FWSO roadway inspection team, who also noted no incidents of non-compliance by the train operators.</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	AMF Rules Compliance Observation				Activity Code		TRK	RC	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	1000-1415	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-17-03									
	MSRPH										
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				
					Wheaton (B10)		Wheaton (B10)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector observed WMATA AMF's compliance with WMATA RWP rules. The AMF was located at the 8-car train marker on the platform at Wheaton Station (B10), Track 2. The AMF possessed all required Personal Protective Equipment (PPE). The AMF was observed to follow all the requirements of R-17-03, that included, speaking with the operator of each train that entered Wheaton Station, informing them of RWP operating conditions, as well as using the flag as each train entered the station.</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										