



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	20171201-WMATA-AG-1		
	2017	12	01				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	E-Line, Track 2, Greenbelt (E10) to College Park (E09)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	1				
Recommended Finding	No	Yes				
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 6432		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	2200 0600	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								
Line(s)	E-Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						College Park (E09)		College Park (E09)			
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	ADAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFWorthTX, ou=DOT FRAFWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 11:50:53 -05'00'	Date
Inspector in Charge - Name	Adam Giovando	Inspection Team	Brian Altiero, Alexander Nepa



Description	TRST Unit 6432 conducted a job safety briefing at the College Park (E09) station platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and the location of the nearest hospital. 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	Track Walker Observation				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 6432		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	2200-0600	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, rev. 6										
inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X			
Line(s)	E Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					College Park (E09)			Greenbelt (E10)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspectors observed WMATA personnel performing a track inspection on track two of the E-Line between College Park (E09) and Greenbelt (E10). Inspectors also inspected track conditions in the area. WMATA inspector was observed to be observant and diligent during the inspection. The following non-color-coded defect was observed: <ul style="list-style-type: none"> TRST 1000, 13.5.7: The third rail end approach coverboard was missing at E2 657+00. 							Number of Defects	1		
								Recommended Finding?	Yes		
								Remedial Action Required?	Yes		
								Recommended Reinspection?	Yes		
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> WMATA must replace the missing third rail end approach coverboard at E2 657+00. 										



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United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171201-WMATA-AG-2		
	2017	12	01				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, Tracks 1 and 2, Silver Spring (B08) to Fort Totten (B06)						

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			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1500	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		X			
Line(s)	B-Line	Track Number	N/A		Chain Marker and/or Station(s)		From		To				
						Takoma (B07)		Takoma (B07)					
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 11:49:51 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Lee Emard



Description	The job safety briefing was provided by TRST unit #6031 at Takoma Station (B07) briefing table. The briefing was thorough and fully compliant with WMATA's requirements. It included WMATA level 1 ID check, type of protection (inaccessible track), potential hazards, hot spots and hospital locations, red tag outage number, and safety rule of the day. 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	RWP Setup Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 6031		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800 1500	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					X		X	
Line(s)	B-Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To			
					Silver Spring (B08)			Fort Totten (B06)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspector performed a walking inspection to verify roadway worker protection (RWP) set up in accordance with the Track and Structures Mobile Operations Map for Single Tracking November 25 to December 10, 2017, on tracks one and two of the B-Line between Silver Spring (B08) and Fort Totten (B06). All safety equipment was in place and operational at both ends of the work area. FWSO inspector reviewed the work plan and work in progress. All personal protective equipment (PPE) was being worn and work, in general, was being performed in a safe and methodical manner. FWSO inspector observed work being performed to replace Switch 1A at B1 354+14 and Switch 1B at B2 354+12. Additionally, a maintenance crew was performing track surfacing with tamper between B1 315+00 and B1 354+12. Finally, WMATA maintenance had completed replacing, on average, every fourth tie on tracks one and two from chain marker 350+44 to 315+00. 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										



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United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171202-WMATA-AG-2		
	2017	12	02				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, Tracks 1 and 2, Fort Totten (B06) to Glenmont (B11)						

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 641			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1800	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											

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Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 12:16:25 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Brian Altiero, Alexander Nepa



Description	TRST Safety Briefer conducted a job safety briefing at the Silver Spring (B08) station briefing table. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and the location of the nearest hospital. 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	Work Zone Set-Up Observation				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 641		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1800 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			
	TRST-1000, rev. 6										
inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X			
Line(s)	B Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To			
					Fort Totten (B06)			Glenmont (B11)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspectors observed WMATA employees and contractors performing track maintenance on tracks one and two of the B-Line between Fort Totten (B06) and Glenmont (B11). Attention was paid to PPE usage and the quality of completed work as compared to WMATA standards. Inspectors also verified the setup of RWP protection for the work area. 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 Form

FOIA Exemption: All (b)(6)

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United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171202-WMATA-JM-1		
	2017	12	02				
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]
Inspection Location	D- Line, L'Enfant Plaza (F03) to New Carrollton (D13)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-RI-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	11					
Recommended Finding	Yes					
Remedial Action Required ¹	Yes					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspection Subject	Operator Observation				Activity Code	RTRA	RI	OBS	
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	No	Time	1518 - 1639	Outside Shift	N/A	
Related Reports	Safety Directive 15-1		Related CAPS / Findings	CAPs R-2-18-A and R-2-19-A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH										
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)	D Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)		From		To			
						L'Enfant Plaza (D03)		New Carrollton (G05)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	3079, 2021, 2014, 7110		6,6,6,6								
Description	An FWSO Inspector performed four day-time riding inspections beginning on the Orange Line at L'Enfant Plaza (D03) to New Carrollton (D13) and back to L'Enfant Plaza (D03). The FWSO Inspector rode in the cab lead car.						Number of Defects		11		
							Recommended Finding?		Yes		
							Remedial Action Required?		No		

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Inspector in Charge - Signature	JOHN PHILIP MAYSER		Digitally signed by JOHN PHILIP MAYSER DN: c=US, o=U.S. Government, ou=FRA FRAVancouverWA, ou=DOT FRAVancouverWA, cn=JOHN PHILIP MAYSER Date: 2017.12.13 16:36:01 -08'00'
Inspector in Charge - Name John Mayser	Inspection Team John Mayser		



	<p>Lead Car 3079: An FWSO Inspector observed the train with lead car 3079 from 1518 – 1531 hours, track 1, operating from L’Enfant Plaza (D03) to Stadium-Armory (D06). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRP rule 3.79.</p> <p>Lead Car 2021: An FWSO Inspector observed train with lead car 2021 from 1538 – 1557 hours, tracks 1 and 2, operating from Stadium-Armory (D06) to New Carrollton (D13). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRP rule 3.79.</p> <p>Lead Car 2014: An FWSO Inspector observed train with lead car 2014 from 1600 – 1616 hours, tracks 1 and 2, operating from New Carrollton (D13) to Stadium-Armory (D06). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRP rule 3.79.</p> <p>Lead Car 7110: An FWSO Inspector observed train with lead car 7110 from 1626 – 1639 hours, track 2, operating from Stadium-Armory (D06) to L’Enfant Plaza (D03).</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • MSRP, 1.12: Operators of trains with lead cars 3079, 2021, 2014, and 7110 did not have their copy of the MSRP, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA’s approach to CAPs R-2-18-A and R-2-19-A. • MSRP, 4.33: Operators of trains with lead cars 2021 and 7110 did not have flashlights in their possession. Remedial action for this defect is addressed in WMATA’s approach to CAPs R-2-18-A and R-2-19-A. • MSRP, 4.33: Operators of trains with lead car 2014 did not have his roadway worker protection (RWP) Level-2 Card in his possession. Remedial action for this defect is addressed in WMATA’s approach to CAPs R-2-18-A and R-2-19-A. • MSRP, SOP 40.5.1.5.2: Operators of trains with lead car 3079, 2021, 2014 and 7110 did not comply with the rule that states in part: “look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button”. Remedial action for this defect is addressed in WMATA’s approach to CAPs R-2-18-A and R-2-19-A. <p>Other Notable Observations:</p> <ul style="list-style-type: none"> • The train with lead car 2021 from 1538 – 1557 hours, track 1, operating from Stadium Armory (D06) to New Carrollton (D13) displayed 75 Limited speed commands and 65 65 limited and regulated speed commands. The train operator stated he was aware not to exceed 59 mph, and to ignore the 75-mph speed limit and the 65 65 limited and regulated speed commands in compliance with MSRP rule 3.84. • The train with lead car 2014 from 1600 – 1616 hours, track 2, operating from New Carrollton (D13) to Stadium Armory (D06) displayed 75 Limited Speed commands and 65 65 limited and regulated speed commands. The train operator stated he was aware not to exceed 59 mph, and to ignore the 75-mph speed limit and the 65 65 limited and regulated speed commands in compliance with MSRP rule 3.84. • All operators were courteous, and displayed a professional image and attitude. 		
Remedial Action	N/A		



Inspection Form

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Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171204-WMATA-AG-1		
	2017	12	04				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	K-Line, Tracks 1 and 2, Vienna (K08) to East Falls Church (K05)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject					Platform Track Inspection			Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	N/A	Out Brief Conducted	N/A	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				
	MSRPH													
	TRST 1000													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X					X		X				
Line(s)	K-Line		Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)		From			To				
							Vienna (K08)			East Falls Church (K05)				
Vehicles	Head Car Number		Number of Cars			Equipment		N/A						
	N/A		N/A											

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Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.07 12:13:10 -05'00'	Date	
Inspector in Charge - Name	Adam A. Giovando	Inspection Team	Lee Emard		



Description	<p>FWSO inspector performed a platform observation of track bed, coverboards, emergency trip station lights, train approach warning lights, drainage and general conditions.</p> <p>The FWSO Inspector did not note any defects.</p> <p>Other Notable Observations:</p> <ul style="list-style-type: none"> • 2 of the approach warning lights on the platform were not working on the track one side of the Vienna (K08) station platform. • 18 of the approach warning lights on the platform were not working on the track two side of the Vienna (K08) station platform. • 14 of the approach warning lights on the platform were not working on the track one side of the Dunn Loring (K07) station platform. • 29 of the approach warning lights on the platform were not working on the track two side of the Dunn Loring (K07) station platform. • 21 of the approach warning lights on the platform were not working on the track one side of the West Falls Church (K06) station platform. • 55 of the approach warning lights on the platform were not working on the track two side of the West Falls Church (K06) station platform. • 231 of the approach warning lights on the platform were not working on the track three side of the West Falls Church (K06) station platform. • 4 of the approach warning lights on the platform were not working on the track one side of the East Falls Church (K05) station platform. • 18 of the approach warning lights on the platform were not working on the track two side of the East Falls Church (K05) station platform. 	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	20171205-WMATA-AG-1		
	2017	12	05				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	F-Line, Track 1, Southern Ave. (F08) to Suitland (F10)						

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	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 6198		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 1500	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)	F-Line	Track Number	N/A	Chain Marker and/or Station(s)			From	To			
							Southern Avenue (F08)	Southern Ave (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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 14:00:39 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Alexander Nepa



Description	TRST unit number 6198 conducted a job safety briefing at the Southern Avenue Station (F08). The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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 Unit 6198		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 1500	Outside Shift	No	
Related Reports	20170620-WMATA-AG-1 20170805-WMATA-AG-1 20160410-WMATA-TGB-1 20170717-WMATA-AG-1		Related CAPS / Findings		Remedial Action ID #: 468, 473, 1393, 1394, 1443, 1516						
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)	F Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Southern Avenue (F08)			Suitland (F10)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspectors observed WMATA employees and contractors perform a track inspection on track one of the F-Line between Southern Ave. (F08) and Suitland (F10). Inspectors also inspected track conditions and followed up on previously issued remedial actions. Contractor inspector was observed to be diligent and attentive during the inspection. The following non-color-coded defect was identified <ul style="list-style-type: none"> TRST 1000, 3.2.2.1: A blocked drain allowing standing water, not draining as designed was observed at F1 338+00. See figure 1 below. The following remedial actions were verified as complete. <ul style="list-style-type: none"> Remedial Action ID #468: The defective ETS light at F1 420+70 has been repaired. Remedial Action ID #473: The defective ETS light at F1 44+75 has been repaired Remedial Action ID #1393: The missing end third rail coverboard at F1 357+40 has been replaced. Remedial Action ID #1394: The missing end third rail coverboard at F1 398+00 has been replaced Remedial Action ID #1443: The spalled and corrugated rail between F1 456+00 and F1 457+00 on the right side has been replaced. Remedial Action ID #1516: The defective ETS light at F1 413+20 has been repaired. 						Number of Defects	1			
							Recommended Finding?	Yes			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	To achieve compliance with WMATA's requirements <ul style="list-style-type: none"> WMATA must clear drain at F1 338+00. 										



Photos



Figure 1: Blocked drains not draining as designed and allowing pooling water at F1 338+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	20171205-WMATA-AG-2		
	2017	12	05				
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	K-Line, Track 1, Ballston (K04) to East Falls Church (K05)						

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	10				
Recommended Finding	No	Yes				
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	X		
Line(s)	K-Line	Track Number	N/A		Chain Marker and/or Station(s)	From		To			
						Ballston (K04)		Ballston (K04)			
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 17:53:14 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Tino Sahoo



Description	<p>FWSO personnel received a job safety briefing from the WMATA roadway worker in charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked, and the working limits reviewed. The WMATA RWIC covered the nearest hospital and safety rule of the day. The hazards, clearance areas, and communication were used as part of the discussion.</p> <p>In addition to the required PPE, the Advanced Mobile Flagger (AMF) did have the required equipment, and was compliant with "WMATA PERMANENT ORDER R-17-03, ADVANCE MOBILE FLAGGER, (FRIDAY APRIL 28, 2017)." This equipment consisted of WMATA-approved flashing amber lantern/E-flare, orange flag (18"x18") calibrated working radio, air horn, and whistle.</p> <p>The AMF did notify the RWIC via positive communication (phone) that he was in place (i.e., next station ahead in the direction the mobile crew walked). The flashing amber lantern/E-flare and orange flag had been positioned at the end of the platform (i.e., 8-car marker or end gate).</p> <p>The FWSO Inspector observed the WMATA RWIC request foul time for two "hot spots" (i.e., portal and blind spot) encountered during mobile work crew's cable inspection walk. One hundred percent repeat back did occur on radio communication between RWIC and the Rail Operations Control Center (ROCC). The RWIC relinquished foul time once the mobile work crew completely walked through the "hot spot." No issues/concerns or exceptions were taken to the RWIC performing his duties. The RWIC was compliant with WMATA PERMANENT ORDER R-17-02, GRANTING FOUL TIME (FRIDAY APRIL 28, 2017).</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	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	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	DD-TP-SSI-013										
	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 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)	K-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Ballston (K04)			East Falls Church (K05)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								



Description	<p>An FWSO inspector observed WMATA personnel conducting a walking cable inspection on track one of the K-Line from Ballston-MU (K04) to East Falls Church (K05).</p> <p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000 Manual, Table 13.6: A defective third rail insulator was observed at K1 371+00. Green Condition. <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • DD-TP-SSI-013: A broken power conduit stub-up was observed at K1 301+00. • DD-TP-SSI-013: A nicked cable was observed at K1 318+00. • TRST 1000 Manual, 13.3.4: The third rail cover board was missing on the end approach at K1 318+50. • DD-TP-SSI-013: The sealing collar was missing on two orange boot cable connector assemblies at K1 319+50. • TRST 1000 Manual, 13.3.4: A broken third rail anchor arm was observed at K1 387+00. • TRST 1000 Manual, 13.3.4: A broken third rail anchor arm was observed at K1 397+00. • DD-TP-SSI-013: A broken power conduit stub-up was observed at K1 402+00. • DD-TP-SSI-013: A broken power conduit stub-up was observed at K1 406+00. • DD-TP-SSI-013: Two power conduit stub-ups were missing O-Z Gedney bushings at K1 406+00. <p>Other Notable Observations:</p> <ul style="list-style-type: none"> • Leaves and debris were surrounding cables at K1 284+00. • Debris was surrounding cables and power conduit stub-ups at K1 300+00. • A foreign metal object was observed on the gauge side of the third rail at K1 304+50. • The third rail end approach was arcing at K1 318+50. • The third rail end approach was arcing at K2 318+50. • One cable pigtail had broken kindorf strap at K2 319+50. • Cables were observed lying on the ground at K1 341+00. • Cables were observed lying on the ground at K2 341+00. • Cables were observed lying on the ground at K1 351+00. • The third rail end approach was arcing at K1 361+70. • The third rail end approach was arcing at K2 361+70. • Cables were observed lying on the ground at K1 372+00. • Cables were observed lying on the ground at K2 372+00. • Cables were observed lying on the ground at K1 382+00. • Cables lying on the ground at K1 392+00. • Cables lying on the ground at K1 402+00. • Cables lying on the ground at K2 402+00. • The third rail end approach was arcing at K2 402+00. • Cables lying on the ground at K1 405+00. • Cables lying on the ground at K1 406+00. 	Number of Defects	10
		Recommended Finding?	Yes
		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 third rail insulator at K1 371+00. • WMATA must repair or replace broken power conduit stub-up at K1 301+00. • WMATA must replace nicked cable at K1 318+00. • WMATA must replace missing end approach cover board at K1 318+50. • WMATA must install the two missing sealing collars in the orange boot cable connector assemblies at K1 319+50. • WMATA must replace third rail anchor arm at K1 387+00. • WMATA must replace third rail anchor arm at K1 397+00. • WMATA must repair or replace broken power conduit stub-up at K1 402+00. • WMATA must repair or replace broken power conduit stub-up at K1 406+00. • WMATA must install the two missing O-Z Gedney bushings in the power conduit stub-ups at K1 406+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	20171205-WMATA-AG-3		
	2017	12	05				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	West Falls Church Yard (K99)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject				Track Geometry Vehicle Inspection			Activity Code		TRK	TGV	OBS
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	0700 to 1500	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	X	X			
Line(s)	K-Line	Track Number	Yard Storage Tracks	Chain Marker and/or Station(s)			From		To				
							West Falls Church Yard (K99)		West Falls Church Yard (K99)				
Vehicles	Head Car Number		Number of Cars		Equipment			N/A					
	N/A		N/A										

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

Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFWorthTX, ou=DOT FRAFWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 17:57:40 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Lee Emard



Description	<p>FWSO inspector observed WMATA employees performing geometry testing with the track geometry vehicle (TGV) on West Falls Yard (K99) storage, maintenance, yard leads, and inner loop tracks.</p> <p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000, Table 11-2: Track gauge measured 57.87 to 57.55 inches for 20 feet on track 8. Track was taken out of service at 1159 WMATA yard support team was dispatched to repair, team installed gauge rods and added additional spikes. Black Condition. • TRST 1000, Table 11-2: Track gauge measured 55.75 inches on Track 7. Support crew was dispatched and made repairs. Black Condition 	Number of Defects	2
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	Yes
Remedial Action	N/A		



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171206-WMATA-AG-1		
	2017	12	06				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	West Falls Church Yard (K99)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject				Track Geometry Vehicle Inspection			Activity Code		TRK	TGV	OBS
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	0700-1500	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	X	X			
Line(s)	K-Line		Track Number	Yard Storage Tracks	Chain Marker and/or Station(s)		From		To				
							West Falls Church Yard (K99)		West Falls Church Yard (K99)				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

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

Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 18:00:40 -05'00'	Date
Inspector in Charge - Name	Adam Giovando	Inspection Team	Lee Emard	



Description	<p>FWSO inspector observed WMATA employees performing geometry testing with the track geometry vehicle (TGV) on West Falls Yard (K99) storage, maintenance, yard leads, and inner and outer loop tracks.</p> <p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> • TRST 1000, Table 11-2: Track gauge measured 57.78 to 57.75 inches between signal 304 and 306 on the outer loop track. WMATA yard support team was dispatched and completed repair. Black Condition. • TRST 1000, Table 11-2: Track gauge measured 57.55 to 57.65 inches for 20 feet on track 4. WMATA yard support team was dispatched and completed repair. Black Condition. • TRST 1000, Table 11-2: Track gauge measured 57.55 to 57.50 inches track 17E. WMATA yard support team was dispatched and completed repair. Black Condition. • TRST 1000, Table 11-2: Track gauge measured 57.78 to 57.70 inches in two locations near the road crossing on Track 2 yard leads. WMATA yard support team was dispatched and completed repair. Black Condition. • TRST 1000, Table 11-2: Track gauge measured 58.05 to 57.78 inches in two locations near the road crossing Track 1 yard leads. WMATA yard support team was dispatched and completed repair. Black Condition. 	Number of Defects	5
		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	20171207-WMATA-AG-1		
	2017	12	07				
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	Fort Totten (E06) – AC Switchboard Room (SWBD)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	WMATA Power Personnel				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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			
	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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAftWorthTX, ou=DOT FRAftWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 18:06:14 -05'00'	Date
Inspector in Charge – Name	Adam Giovando	Inspection Team	Tino Sahoo	



Description	FWSO personnel 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	Corrective Maintenance Observation				Activity Code	TP	RM	OBS	
Job Briefing Employee Name/Title	WMATA Power Personnel		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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			
	PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AUTOMATIC BUS TIE 480 VOLT AC SWITCHGEAR OPERATIONAL TEST SEMI-ANNUAL (REVISION 2, JUNE 20, 2013)										
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)– AC SWBD Room		Fort Totten (E06)– AC SWBD Room				
Vehicles	Head Car Number		Number of Cars		Equipment	Federal Pacific Electric (FPE) 480VAC Switchgear					
	N/A		N/A								
Description	The FWSO Inspector observed WMATA's power personnel perform an automatic bus tie-breaker test on AC Switchgear #1 and AC Switchgear #2. The test was done using test switches to simulate the loss of utility power to each of AC #1 and AC #2 incoming line primary main breakers to ensure the main-tie-main automatic transfer scheme was working properly. The bus tie-breaker closed automatically when the utility feed was dropped out on AC #2 incoming line breaker, as designed. The following non-color-coded defect was observed: <ul style="list-style-type: none"> PMI Automatic Bus Tie 480 Volt AC Switchgear: The bus tie-breaker did not close automatically while testing the main-tie-main automatic transfer scheme on AC #1 Switchgear. 						Number of Defects	1			
							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 fix automatic closing of the bus tie-breaker if a utility feed is lost on AC Switchgear #1. 										



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	20171207-WMATA-AG-2		
	2017	12	07				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Greenbelt (E10), College Park (E09), and Prince George's Plaza (E08) Interlockings						

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	RWIC #6432			Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	2200 – 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		4.202										
	RWPM		21.10										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X							X					
Line(s)	E-Line	Track Number	N/A	Chain Marker and/or Station(s)	From				To				
					Greenbelt (E10)				Greenbelt (E10)				

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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 18:20:18 -05'00'	Date
Inspector in Charge – Name	Adam Giovando			
Inspection Team	Robert Maniuszko			



Vehicles	Head Car Number	Number of Cars	Equipment	N/A	
	N/A	N/A			
Description	RWIC #6432 provided the workgroup with a job safety briefing. The group had two Advanced Mobile Flaggers (AMF) - #6046 & #6486. The following items were discussed: <ul style="list-style-type: none"> The workgroup would be performing interlocking inspections at E10, E09 and E08 The group was comprised of 7 individuals Contact Rail Power would be energized Train Approach Warning (TAW) would be used along with Foul Time (FT) as the form of protection All employees will clear to the fence line if instructed by the RWIC Hazards were discussed Two inspectors would be doing the inspection – WMATA #6191 and WMATA contractor All Personal Protective Equipment (PPE) was checked Roadway Worker Protection (RWP) Identification was also checked <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	Interlocking Inspection				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	RWIC #6432		Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	2200 – 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			
	TRST 1000										
	TRST Monthly Turnout Inspection Form – Rev.5 – dated 12/22/2016										
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	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To			
					Greenbelt (E10)			Prince George's Plaza (E08)			
Vehicles	Head Car Number	Number of Cars		Equipment	N/A						
	N/A	N/A									
Description	The FWSO inspector accompanied the WMATA Track Inspector #6191 and WMATA contractor during interlocking inspections at Greenbelt (E10), College Park (E09) and Prince George's Plaza (E08). At each location the entire interlocking was inspected, to include switches, cross-ties, frogs, heel blocks, kicker rails and contact rail.			<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	20171208-WMATA-AG-1		
	2017	12	08				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	E-Line, Track 1, College Park (E09) to West Hyattsville (E07)						

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 6285			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)	E-Line	Track Number		N/A	Chain Marker and/or Station(s)		From			To				
		N/A		N/A		College Park (E09)			College Park (E09)					
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.14 10:49:11 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Alexander Nepa



Description	TRST unit number 6285 conducted a job safety briefing at the College Park (E09) station platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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	Track Walker Observation				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST Unit 6285			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 1400	Outside Shift	No
Related Reports	20171121-WMATA-AG-1 20170723-WMATA-AG-1			Related CAPS / Findings		Remedial Action ID #: 1802, 1467, 1464, 1462					
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)	E Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					College Park (E09)			West Hyattsville (E07)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO Inspector observed WMATA track inspector perform a track inspection on track one on the E-line between College Park (E09) and West Hyattsville (E07). FWSO Inspector also inspected track conditions and followed up on previously issued remedial actions. WMATA inspector was observed to be diligent and attentive during the inspection.</p> <p>The following non-color-coded defects were identified:</p> <ul style="list-style-type: none"> • TRST 1000, 13.5.7: A missing end third rail coverboard was observed at the E08 signal at E1 414+00. • TRST 1000, 9.22: A missing frog brace fastener was observed at the E08 crossover at E1 412+50. <p>The following remedial actions were verified as completed:</p> <ul style="list-style-type: none"> • Remedial Action ID #1802: The EMI cable has been installed at E1 402+00. • Remedial Action ID #1467: The third rail support cable has been repaired at E1 406+60. • Remedial Action ID #1464: The third rail coverboard has been replaced at E1 414+00. • Remedial Action ID #1462: The downed chain marker at E1 511+00 has been replaced. 							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 the missing third rail end overboard at E1 414+00. • WMATA must reinstall the frog brace at the E 08 crossover E1 412+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	20171208-WMATA-AG-2		
	2017	12	08				
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	Silver Spring (B08)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	Shutdown Dedicated Safety Briefer			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		
	RWPM										
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X			
Line(s)	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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.14 10:55:04 -05'00'	Date	
Inspector in Charge - Name	Adam Giovando		Inspection Team	Tino Sahoo	



Description	<p>The FWSO inspector received a Job Safety Briefing from the shutdown dedicated safety briefer. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. The shutdown dedicated safety briefer covered the nearest hospital and safety rule of the day. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion.</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	Cable Replacement Observation				Activity Code	TP	RM	OBS	
Job Briefing Employee Name/Title	Shutdown Dedicated Safety Briefer		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				
	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)										
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			
					B1 448+00			B1 450+00			
Vehicles	Head Car Number		Number of Cars		Equipment	Positive Feeder Cable Pigtails (1000MCM, 2kV)					
	N/A		N/A								
Description	<p>The FWSO inspector observed WMATA's power department and electrical contractors replacing thirteen feeder cable pigtails. Ten pigtails were replaced at B1 450+00 and three pigtails were replaced at B1 448+00. During the inspection, the FWSO inspector observed the contractor installing feeder cable pigtails per the Engineering Modification Instruction (EMI) for jumper, expansion, and transition power cables replacement system wide, issued September 16, 2016.</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	20171209-WMATA-AG-1		
	2017	12	9				
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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, Track 1, Potomac Ave. (D08) to Stadium-Armory (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	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 6298		Accompanied Inspector?	No	Out Brief Conducted	No	Time	0700-1500	Outside Shift	Yes	
Related Reports	N/A		Related CAPS / Findings	N/A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	RWPM										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X						X		
Line(s)	D-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To			
					Potomac Avenue (D08)			Potomac Avenue (D08)			

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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAftWorthTX, ou=DOT FRAftWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.18 15:58:23 -05'00'	Date	
Inspector in Charge – Name	Adam Giovando		Inspection Team	Alexander Nepa	



Vehicles	Head Car Number	Number of Cars	Equipment	N/A	
	N/A	N/A			
Description	TRST unit number 6298 conducted a job safety briefing at Potomac Avenue Station (D08). The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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	RWP Setup Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 641		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700-1500	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	X	
Line(s)	D-Line	Track Number	Track 1	Chain Marker and/or Station(s)			From		To		
							Potomac Avenue (D08)		Stadium-Armory (D09)		
Vehicles	Head Car Number	Number of Cars		Equipment	N/A						
	N/A	N/A									
Description	FWSO Inspector inspected the RWP setup on track one of the D-Line at D1 144+00 and D1 270+00. The RWP setup was correct and fully compliant with the requirements for exclusive track occupancy. FWSO Inspector also observed direct fixation fastener replacement at D1 221+00. All roadway workers observed were working safely with all required PPE. FWSO also observed a Warning Strobe and Alarm Device in place in the work area at D1 223+00. 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	20171211-WMATA-AG-1		
	2017	12	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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, track 1, Silver Spring (B08) to Takoma Interlocking						

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	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 6321			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											
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.14 11:01:49 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Alexander Nepa



Description	TRST unit number 6321 conducted a job safety briefing at the Silver Spring (B08) station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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	Track Walker Observation				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST Unit 6321			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			
	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 1	Chain Marker and/or Station(s)	From			To			
					Silver Spring (B08)			B1 350+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO Inspector observed contract inspector perform a track inspection on track one of the B line between Silver Spring (B08) and the B07 crossover at B1 350+00. FWSO Inspector was observed to be diligent and attentive during the inspection. The following color-coded defect was identified. <ul style="list-style-type: none"> TRST 1000, Table 13-6: Third rail insulator B1 349+90 was observed to be defective and not supporting the third rail as designed, see figure 1 below. Green Condition. 							Number of Defects	1		
								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 replace the defective third rail insulator at B1 349+90. 										



Photos



Figure 1: Defective insulator at B1 349+90.



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	20171212-WMATA-AG-1		
	2017	12	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	Rosslyn (C05)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	WMATA RWIC				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			
	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			
						Rosslyn (C05)		Rosslyn (C05)					
Vehicles	Head Car Number		Number of Cars			Equipment		N/A					
	N/A		N/A										

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

Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 16:53:42 -05'00'	Date
Inspector in Charge - Name	Adam Giovando	Inspection Team	Tino Sahoo	



Description	The FWSO inspector received a Job Safety Briefing from the WMATA Roadway Worker-In-Charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. WMATA RWIC covered the nearest hospital and safety rule of the day. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. The FWSO Inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Cable Replacement				Activity Code		TP	RM	OBS
Job Briefing Employee Name/Title	WMATA RWIC		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								X		
Line(s)	C-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To			
					K2 147+00			K2 147+00			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	The FWSO inspector observed electrical contractors and WMATA power personnel apply heat shrinkable tubing material on each end of five transition cables. The heat shrink was installed over the gap that exists between where the insulating material of the transition cable was stripped and the compression connector (lug) was crimped onto the cable. This prevents moisture from being able to seep into the cable. 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	20171212-WMATA-AG-2		
	2017	12	12				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	A- and B-Line, track 1, Gallery Place (B01) to Metro Center (A01), and track 2, Metro Center (A01) to Rhode Island (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	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 6241					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700 1400	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/A		Track Number	N/A		Chain Marker and/or Station(s)		From		To				
								Brentwood Yard (B99)		Brentwood Yard (B99)				
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 17:15:59 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Lee Emard



Description	TRST unit 6241 conducted a job safety briefing at Brentwood Yard (B99) Trailer 1. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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 6241		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700 1400	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 rev. 6								ID Numbers				
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X	X	X					X	X	X			
Line(s)	A- and B-Lines	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)		From		To					
						Metro Center (A01)		Rhode Island (B04)					
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										
Description	FWSO inspectors performed a track walker observation and general inspection of track conditions on the A- and B-Line between Gallery Place(B01) to Metro Center (A01) on track 1 and Metro Center (A01) to Rhode Island(B04) on track 2. FWSO Inspector observed that the WMATA contractor inspectors were competent and knowledgeable on track conditions. The following color-coded defect was observed: <ul style="list-style-type: none"> TRST 1000, Table 5-11: At B2 086+00 the head of the rail had a ½ inch deep by 1-inch long chip out of the rail. See figure 1 below. 							Number of Defects	1				
								Recommended Finding?	Yes				
								Remedial Action Required?	Yes				
								Recommended Reinspection?	Yes				
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> WMATA must address shelling condition at B2 086+00 												



Photo



Figure 1: Chipped rail at CM B2 086+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	20171212-WMATA-JM-1		
	2017	12	12				
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]
Inspection Location	Red-Line, Gallery Place (B01) to Glenmont (B11)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-RI-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	10					
Recommended Finding	Yes					
Remedial Action Required ¹	Yes					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspection Subject					Operator Observation			Activity Code		RTRA	RI	OBS
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?	No	Out Brief Conducted	No	Time	1912 - 2050	Outside Shift	N/A	
Related Reports	Safety Directive 15-1					Related CAPS / Findings			CAPS R-2-18-A and R-2-19-A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	MSRPH													
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	Tracks 1 and 2	Chain Marker and/or Station(s)			From		To				
								Gallery Place (B01)		Glenmont (B11)				
Vehicles	Head Car Number			Number of Cars		Equipment	N/A							
	7230, 3271, 7302, 7252			8,8,8,8										
Description	An FWSO Inspector performed four night-time riding inspections on the Red Line at Gallery Place (D01) to Glenmont (D11) and back to Gallery Place (D01). The FWSO Inspector rode in the cab lead car.							Number of Defects			10			
								Recommended Finding?			Yes			
								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	JOHN PHILIP MAYSER			Digitally signed by JOHN PHILIP MAYSER DN: cn=US, o=U.S. Government, ou=FRA FRAVancouverWA, ou=DOT FRAVancouverWA, cn=JOHN PHILIP MAYSER Date: 2017.12.18 14:47:50 -08'00'
Inspector in Charge - Name John Mayser	Inspection Team John Mayser			



	<p>Lead Car 7230: An FWSO Inspector observed the train with lead car 7230 from 1853 – 1908 hours, track 1, operating from Gallery Place (B01) to Fort Totten (B06).</p> <p>Lead Car 3271: An FWSO Inspector observed train with lead car 3271 from 1926 – 1934 hours, track 2, operating from Fort Totten (B06) to Silver Springs (B08).</p> <p>Lead Car 7302: An FWSO Inspector observed train with lead car 7302 from 1941 – 1955 hours, track 1, operating from Silver Springs (B08) to Glenmont (B11).</p> <p>Lead Car 7252: An FWSO Inspector observed train with lead car 7252 from 2003 – 2024 hours, track 2, operating from Glenmont (B11) to Gallery Place (B01). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRP rule 3.79.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • MSRPH, 1.12: Operators of trains with lead cars 7230, 3271, 7302 and 7252 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRPH, SOP 40.5.1.5.2: Operators of trains with lead cars 7230, 3271, 7302 and 7252 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRPH, 4.33: Operator of train with lead cars 7302 did not have a flashlight in his possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRPH, 3.122: Operator of train with lead car 7192 did not sound its horn in a series of short blasts when operating against the normal direction arriving and berthing into Glenmont (B11) station on track 2. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. After berthing, 7252 became the lead car. <p>Other Notable Observations:</p> <ul style="list-style-type: none"> • Observed operator using the door Berthing Button on the train with lead car 7230 at all stations. Other operators on the 7000 series cars did not use the Berthing Button. • All operators were courteous, and displayed a professional image and attitude. 		
<p>Remedial Action</p>	<p>N/A</p>		



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	20171213-WMATA-AG-1		
	2017	12	13				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, track 2, Deanwood (D10) to D2 468+20						

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	5				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6269			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											
Line(s)	D-Line	Track Number		N/A	Chain Marker and/or Station(s)			From		To				
		N/A					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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 10:49:55 -05'00'	Date	
Inspector in Charge - Name	Adam Giovando		Inspection Team	Alexander Nepa	



Description	TRST unit number 6269 conducted a job safety briefing at Deanwood (D10) station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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	Track Walker Observation				Activity Code	TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST Unit 6269		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				
	TRST-1000	T-16-07									
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 Line	Track Number	Track 2	Chain Marker and/or Station(s)	From		To				
					Deanwood (D10)		D2 468+20				
Vehicles	Head Car Number	Number of Cars		Equipment	N/A						
	N/A	N/A									
Description	<p>FWSO Inspector observed contract inspector perform a track inspection on track two of the D line between Deanwood (D10) and D2 468+20. Contract Inspector was observed to be diligent and attentive during the inspection.</p> <p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000, Table 5.21: The left rail joint bar at D2 468+20 had no bolts on one side, allowing a two-inch pull-apart. See figure 1 below. Red Condition. TRST 1000, Table 7.1: Six consecutive defective fasteners were observed on the left rail between D2 463+50 and 463+70. Black Condition. <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000, 3.1.2.5: The chain marker sign was missing at D2 413+00. TRST 1000, 13.5.7: The end approach coverboard at D2 413+00 was missing. Permanent Order T-16-07: D2 468+00 at 1217 hours while the team was in a place or safety at D2 468+00, train with lead car number 7054 approached a work gang at what appeared to be more than the half the posted track speed. Additionally, the train operator was not continually sounding the main line horn as required and appeared to pass the work crew at a speed more than 10 MPH. An AMF was in place at Landover Station and instructed the train operator of a work crew ahead. Remedial Action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A 							Number of Defects	5		
								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 install two bolts to the rail joint at D2 468+20. WMATA must torque the loose fastener bolts between D2 463+50 and 463+70. WMATA must reinstall the downed chain marker at D2 413+00. WMATA must reinstall the missing third rail end approach coverboard at D2 413+00. 										



Photos



Figure 1: Missing bolts on the left rail joint at D2 468+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	20171213-WMATA-AG-2		
	2017	12	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	Van Ness – UDC (A06)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	WMATA RWIC				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			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X												
Line(s)	A-Line	Track Number	Track 1		Chain Marker and/or Station(s)			From		To			
			Van Ness – UDC (A06)							Van Ness – UDC (A06)			
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAftWorthTX, ou=DOT FRAftWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 16:59:51 -05'00'	Date
Inspector in Charge – Name	Adam Giovando		Inspection Team	Tino Sahoo



Description	The FWSO inspector received a Job Safety Briefing from the WMATA Roadway Worker-In-Charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. WMATA RWIC covered the nearest hospital and safety rule of the day. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. The FWSO Inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Cable Replacement					Activity Code	TP	RM	OBS
Job Briefing Employee Name/Title	WMATA RWIC			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		
	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X								X		
Line(s)	A-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					A1 193+00 A1 194+00	A1 193+00 A1 194+00					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	The FWSO inspector observed electrical contractors and WMATA power personnel elevate two feeder cable pigtails off the ground and off the safety catwalk at A1 193+00 per the Engineering Modification Instruction (EMI) for jumper, expansion, and transition power cables replacement systemwide. Also, the inspector observed the replacement of two crossover cable pigtails and installation of two missing O-Z Gedney bushings at A1 194+00. 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

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171213-WMATA-AG-3		
	2017	12	13				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	A-Line, track 2, Bethesda (A09) to Woodley Park (A04)						

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	3				
Recommended Finding	No	Yes				
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 6030				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700 1400	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	X					X	X	X			
Line(s)	A Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To			
								Bethesda (A09)		Bethesda (A09)			
Vehicles	Head Car Number		Number of Cars		Equipment			N/A					
	N/A		N/A										

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

Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 17:04:23 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Lee Emard, Brian Altiero



Description	TRST unit 6030 conducted a job safety briefing at Bethesda (A09) station Platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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	Track Observation					Activity Code	TRK	WI	PI
Job Briefing Employee Name/Title	TRST 6030		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700 1400	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 rev. 6									ID Numbers	
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X	X	X					X	X	X	
Line(s)	A Line	Track Number	Track 2	Chain Marker and/or Station(s)			From		To		
						Bethesda (A09)		Woodley Park (A04)			
Vehicles	Head Car Number		Number of Cars		Equipment			N/A			
	N/A		N/A								
Description	FWSO inspectors performed a track walker observation and general inspection of track conditions A-Line between Bethesda (A09) to Woodley Park (A04). FWSO inspectors observed that the WMATA contractor inspectors were competent and knowledgeable on track conditions.							Number of Defects	4		
								Recommended Finding?	No		
								Remedial Action Required?	Yes		
	The following color-coded defect was observed: <ul style="list-style-type: none"> TRST 1000, Table 5-21: At A2 205+50, a bolt was missing from the Joint Bar on the right rail. Yellow condition. The following non-color-coded defects were observed: <ul style="list-style-type: none"> TRST 1000 13.3.4: At A2 211+00 third rail anchor was broken. TRST 1000 13.3.4: At A2 161+00 third rail anchor was broken. TRST 1000 13.3.4: At A2 149+00 third rail anchor was broken. 							Recommended Reinspection?	Yes		
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> WMATA must repair the third rail anchor at A2 211+00. WMATA must repair the third rail anchor at A2 161+00. WMATA must repair the third rail anchor at A2 149+00. WMATA must replace the missing bolt in the joint bar at A2 205+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	20171213-WMATA-AG-4		
	2017	12	13				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Car Maintenance	Sub- Department	Inspection
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Brentwood Rail Service and Inspection Facility (B99)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Shop Observations – Brentwood Rail Service and Inspection Facility (D99)				Activity Code	VM	SI	OBS	
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0730-1000	Outside Shift	No	
Related Reports	TOC Three-Year Safety and Security Audit of the Washington Metropolitan Area Transit Authority Report: July 25, 2017		Related CAPS / Findings		Finding #14						
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/A	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						N/A		N/A			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description	FWSO inspector conducted an inspection to follow up on WMATA progress for						Number of Defects		1		

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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 08:41:16 -05'00'	Date		
Inspector in Charge – Name	Adam Giovando	Inspection Team	Bill Hultsch			



	<p>finding #14 regarding shop pits without fall barriers from the Tri-State Oversight Committee (TOC) audit conducted March 2017. FWSO inspector interviewed shop Assistant Superintendent and inspected areas of the shop where pits were exposed without fall protection.</p> <p>The following non-color-coded defect was observed:</p> <ul style="list-style-type: none"> • WMATA has not addressed TOC finding #14 related to fall protection. 	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 add fall protection to inspection pit at Brentwood Yard. 		



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	20171214-WMATA-AG-1		
	2017	12	14				
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	New Carrollton (D13) – AC Switchboard Room (SWBD)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-RM-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					New Carrollton (D13) – Job Safety Briefing			Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	WMATA Power Personnel			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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				
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X									X		
Line(s)	D-Line	Track Number	N/A		Chain Marker and/or Station(s)		From		To					
						New Carrollton (D13)		New Carrollton (D13)						
Vehicles	Head Car Number		Number of Cars		Equipment		N/A							
	N/A		N/A											

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

Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAftWorthTX, ou=DOT FRAftWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.18 15:31:42 -05'00'	Date	
Inspector in Charge – Name	Adam Giovando	Inspection Team	Tino Sahoo		



Description	FWSO personnel received a job safety briefing from 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	Corrective Maintenance					Activity Code	TP	RM	OBS
Job Briefing Employee Name/Title	WMATA Power Personnel			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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		
	PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AUTOMATIC BUS TIE 480 VOLT AC SWITCHGEAR OPERATIONAL TEST SEMI-ANNUAL (REVISION 2, JUNE 20, 2013)										
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			
					New Carrollton (D13) - AC SWBD Room			New Carrollton (D13) - AC SWBD Room			
Vehicles	Head Car Number		Number of Cars		Equipment	Square D (Manufacturer) 13.8kV Switchgear					
	N/A		N/A								
Description	The FWSO Inspector observed WMATA's power personnel troubleshoot the Programmable Logic Controller (PLC) faults on the Square D (Manufacturer) switchgear. The low voltage control power (125 VDC) breaker was tripped in the DC panel to remove power to the PLC and in effect reset the PLC. Next, the breaker was closed, and the PLC was powered up and all the faults had cleared.							Number of Defects	0		
	The inspector also observed WMATA power personnel perform an automatic bus tie-breaker test on AC Switchgear #1 and AC Switchgear #2. The test was done using test switches and the Human Machine Interface (HMI) - touchscreen of the PLC to simulate the loss of utility power to each of AC #1 and AC #2 incoming line primary main breakers to ensure the main-tie-main automatic transfer scheme was working properly. The bus tie-breaker did close automatically when utility power was lost on each of AC #1 and AC #2 incoming line primary main breakers using the test switches and the PLC. The tests were done in accordance with the PMI.							Recommended Finding?	No		
								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	20171214-WMATA-AG-2		
	2017	12	14				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, track 2, Rhode Island Avenue (B04) to 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	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 6321			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											
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.18 17:03:22 -05'00'	Date	
Inspector in Charge - Name	Adam Giovando		Inspection Team	Brian Altiero, Alexander Nepa	



Description	TRST unit number 6321 conducted a job safety briefing at Rhode Island Ave. (B04) station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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	Track Walker Observation				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST Unit 6321		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	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	X	X	
Line(s)	B-Line	Track Number	Track 2	Chain Marker and/or Station(s)		From		To			
						Rhode Island Avenue (B04)		Fort Totten (B06)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO Inspector observed contract inspector perform a track inspection on track two of the B-Line between Rhode Island Avenue (B04) and Fort Totten (B06). Contract Inspector was observed to be diligent and attentive during the inspection. The following non-color-coded defects were identified. <ul style="list-style-type: none"> • TRST 1000, 3.1.2.5: A Down chain marker was observed at B2 252+00. • TRST 1000, 5.14.16: At B2 258+00 at the 3B switch, an improper joint bar was installed at the joint off the toe of the frog. See figure one below. 						Number of Defects	2			
							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 reinstall the downed chain marker at B2 252+00. • WMATA must install proper joint bars at the toe joint of the frog at the B2 258+00, 3B switch. 										



Photos



Figure 1: Incorrect joint bar and missing Pandrol clips at B2 258+00. 3B 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	20171214-WMATA-WP-1		
	2017	12	14				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Car Maintenance	Sub- Department	Inspection
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Shady Grove Rail Service and Inspection Facility (A99)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Shop Observations				Activity Code		VM	SI	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0730-0930	Outside Shift	No	
Related Reports	TOC Three-Year Safety and Security Audit of the Washington Metropolitan Area Transit Authority Report: July 25, 2017		Related CAPS / Findings		Finding #17						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	N/A	N/A		N/A		N/A		N/A			
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X						
Line(s)	N/A	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						N/A		N/A			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description								Number of Defects		1	

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
Inspector in Charge - Name Winslow Powell		Inspection Team Bill Hultsch		

Digitally signed by WINSLOW L. POWELL
DN: cn=US, o=U.S. Government, ou=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Date: 2017.12.29 08:41:40 -0500



	<p>FWSO Inspector conducted an inspection to follow up on WMATA progress for finding #17 regarding work being performed on 7000-series rail cars on scaffolding near the ceiling-mounted stinger power rail from the Tri-State Oversight Committee (TOC) audit conducted March 2017. The TOC CAP denoted that wheels were not locked on the scaffolding when the inspection was conducted.</p> <p>FWSO Inspector observed the following interim practices to abate safety risk while performing work on scaffolding:</p> <ul style="list-style-type: none"> • WMATA has placed a physical barrier to prevent inadvertent access to the side of the platform where the stinger power is located. Figure 1 below depicts the location of high voltage stinger power lines with respect to platform access and the barrier. • WMATA has stressed the importance of locking the wheels by placing signage on the access steps to the platform and that the equipment is special purpose and not to be used by untrained personnel. Figure 2 below depicts the reminder for employees to lock the casters. <p>FWSO Inspector was not able to verify a written procedure detailing proper use of scaffolding and was informed verbally that WMATA was in the process vetting a formal procedure internally within WMATA's configuration management process.</p> <p>The following non-color-coded defect was observed:</p> <ul style="list-style-type: none"> • WMATA has not addressed TOC finding #17 regarding work near the stinger. 	Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes
Remedial Action	<p>To achieve compliance with TOC finding #17:</p> <ul style="list-style-type: none"> • WMATA must provide a completed procedure detailing proper use of scaffolding at Shady Grove Yard (A99). 		



Entry steps to top of platform
from this side only

Barrier preventing entry to
side of platform in close
proximity to high voltage
stinger power



High voltage stinger power lines

Figure 1: 7000 Series rail car with portable (moveable) scaffolding

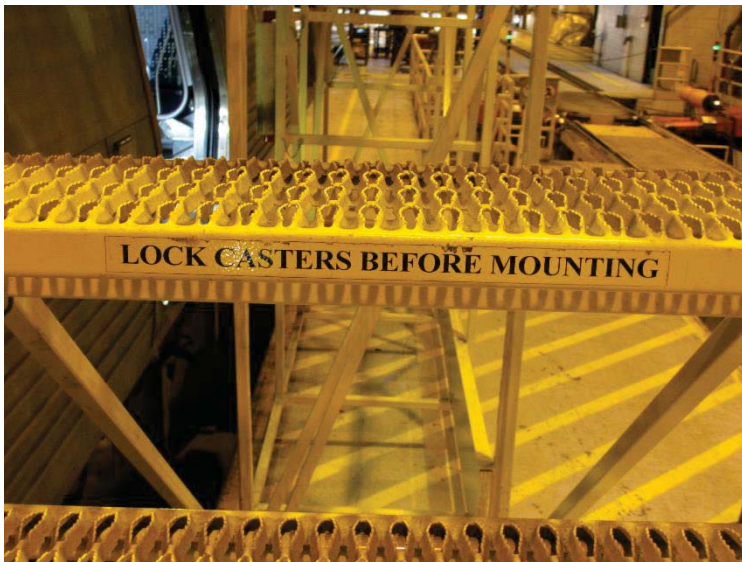


Figure 2: Warning labels on platform access steps



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	20171215-WMATA-AG-1		
	2017	12	15				
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	Minnesota Ave. Traction Power Substation (TPSS) and Minnesota Ave. (D09)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-RM-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	Safety Briefing				Activity Code	TP	JSB	OBS	
Job Briefing Employee Name/Title	WMATA RWIC		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			
	RWPM										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X			
Line(s)	D-Line	Track Number	N/A		Chain Marker and/or Station(s)	From		To			
				Minnesota Ave. (D09)		Minnesota Ave. (D09)					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.18 17:05:55 -05'00'	Date	
Inspector in Charge - Name	Adam Giovando	Inspection Team	Tino Sahoo		



Description	The FWSO inspector received a Job Safety Briefing from the WMATA Roadway Worker-In-Charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. WMATA RWIC covered the nearest hospital and safety rule of the day. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. The FWSO Inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Cable Replacement					Activity Code		TP	RM	OBS
Job Briefing Employee Name/Title	WMATA RWIC			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							X				
Line(s)	D-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To				
					Minnesota Ave. TPSS			D2 313+00				
Vehicles	Head Car Number		Number of Cars		Equipment	Negative Return Cables (1000MCM, 2kV)						
	N/A		N/A									
Description	The FWSO inspector observed electrical contractors and WMATA power personnel pull two new negative return cables from the Minnesota Ave. Traction Power Substation (TPSS) to the wayside impedance bond at D2 313+00. Each cable run was 230 feet. The route of the cable run was from the Minnesota Ave. TPSS through underground duct bank to a cable vault that was wayside adjacent to track 2. 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	20171215-WMATA-AG-2		
	2017	12	15				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, Track 2, Smithsonian (D02) to Stadium-Armory (D08)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	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 6464			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	2100-0500	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				
	RWPM													
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-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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.18 17:09:18 -05'00'	Date
Inspector in Charge - Name	Adam Giovando			
Inspection Team	Lee Emard, Brian Altiero			



Description	TRST unit 6464 conducted a job safety briefing at Stadium-Armory (D08) station platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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	Track Walker Observation				Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 6464		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	2100-0500	Outside Shift	Yes	
Related Reports	20170927-WMATA-AG-3		Related CAPS / Findings		Remedial Action ID Numbers: 1660,1662,1663,1656,1666						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST-1000 rev. 6										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X		X						X		
Vehicles	D-Line	Track Number	Track 2	Chain Marker and/or Station(s)		From		To			
						Smithsonian (D02)		Stadium-Armory (D08)			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description	FWSO inspectors observed WMATA employees and contractors perform a track inspection on track two of the D-Line between Smithsonian (D02) and Stadium-Armory (D08). Inspectors also inspected track conditions and followed up on previously issued remedial actions. FWSO inspectors observed the contractor track inspector was competent and knowledgeable on track conditions.							Number of Defects	2		
								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 replace third rail anchor arm at D2 154+00. WMATA must replace end approach cover board at D2 188+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	20171215-WMATA-JM-1		
	2017	12	15				
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]
Inspection Location	Red-Line, Gallery Place (B01) to Takoma (B07) to Woodley Park (A04)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-RI-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	8					
Recommended Finding	Yes					
Remedial Action Required ¹	Yes					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspection Subject	Operator Observation				Activity Code	RTRA	RI	OBS	
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	No	Time	1520 - 1646	Outside Shift	N/A	
Related Reports	Safety Directive 15-1		Related CAPS / Findings	CAPS R-2-18-A and R-2-19-A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title			Checklist Reference				
	MSRPH										
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 & A-Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)			From	To			
							Gallery Place (B01)	Woodley Park (A04)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	7340, 3153, 3263, 7252		8,6,6,8								
Description	An FWSO Inspector performed four afternoon riding inspections on the Red Line at Gallery Place (B01) to Takoma (B07) to Woodley Park (A04) and back to Gallery Place (B01). The FWSO Inspector rode in the cab lead car.						Number of Defects	8			
							Recommended Finding?	Yes			
							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	JOHN PHILIP MAYSER		Digitally signed by JOHN PHILIP MAYSER DN: c=US, o=J.S. Government, ou=FRA FRAVancouverWA, ou=DOT FRAVancouverWA, cn=JOHN PHILIP MAYSER Date: 2017.12.18 14:25:32 -0800
Inspector in Charge - Name John Mayser	Inspection Team John Mayser		



	<p>Lead Car 7340: An FWSO Inspector observed the train with lead car 7340 from 1520 – 1541 hours, track 1, operating from Gallery Place (B01) to Takoma (B07). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRP rule 3.79.</p> <p>Lead Car 3153: An FWSO Inspector observed train with lead car 3153 from 1555 – 1614 hours, track 2, operating from Takoma (B07) to Judiciary Square (B02).</p> <p>Lead Car 3263: An FWSO Inspector observed train with lead car 3263 from 1619 – 1633 hours, track 2, operating from Judiciary Square (B02) to Woodley Park (A04). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRP rule 3.79.</p> <p>Lead Car 7252: An FWSO Inspector observed train with lead car 7252 from 1636 – 1646 hours, track 1, operating from Woodley Park (A04) to Gallery Place (B01). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRP rule 3.79.</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • MSRP, 1.12: Operators of trains with lead cars 7340, 3153, 3263 and 7302 did not have their copy of the MSRP, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRP, SOP 40.5.1.5.2: Operators of trains with lead cars 7340, 3153, 3263 and 7302 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. <p>Other Notable Observations:</p> <ul style="list-style-type: none"> • The train operator with lead car 7252 exhibited excellent train handling skill. • All operators were courteous, and displayed a professional image and attitude. 		
<p>Remedial Action</p>	<p>N/A</p>		



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	20171216-WMATA-AG-1		
	2017	12	16				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line Shutdown – Brookland-CUA (B05) – Track 1 and 2						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TP	JSB	OBS	
Job Briefing Employee Name/Title	Shutdown Dedicated Safety Briefer		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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		
	RWPM										
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X			
Line(s)	B-Line	Track Number	N/A		Chain Marker and/or Station(s)	From			To		
						Brookland-CUA (B05)			Brookland-CUA (B05)		
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 09:33:53 -05'00'	Date	
Inspector in Charge – Name	Adam Giovando	Inspection Team	Tino Sahoo		



Description	The FWSO inspector received a Job Safety Briefing from the shutdown dedicated safety briefer. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. The shutdown dedicated safety briefer covered the nearest hospital and safety rule of the day. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. 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	Power Isolation of track					Activity Code		TP	RM	OBS
Job Briefing Employee Name/Title	Shutdown Dedicated Safety Briefer			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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							X				
Line(s)	B-Line	Track Number	Track 1 & 2	Chain Marker and/or Station(s)	From			To				
					B1 204+00 B2 204+00			B1 204+00 B2 204+00				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A						
	N/A		N/A									
Description	The FWSO inspector observed WMATA's power department perform a power isolation of track 1 and 2 in order to remove third rail power for Brookland-CUA (B05) Station but keep the interlocking located from 176+87 to 174+94 energized for the shutdown. WMATA power personnel removed the connection of the transition cable pigtail to the transition cable coming up through the power conduit stub-up by disconnecting the compression connectors (lugs) of both cables inside the orange boot cable connector assembly. This process was done for four cables each on track 1 and track 2 for a total of 8 cables. 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	20171216-WMATA-JM-1		
	2017	12	16				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	RTRA	Sub-Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D- and G-Lines, L'Enfant Plaza (F03) to Largo Town Center (G05)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-RI-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	11					
Recommended Finding	Yes					
Remedial Action Required ¹	Yes					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspection Subject	Operator Observation				Activity Code	RTRA	RI	OBS	
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	No	Time	1912 - 2050	Outside Shift	N/A	
Related Reports	Safety Directive 15-1		Related CAPS / Findings	CAPS R-2-18-A and R-2-19-A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title		Checklist Reference					
	MSRPH										
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)	D-C and J-Lines	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)		From		To			
						L'Enfant Plaza (D03)		Franconia-Springfield (J03)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	7448, 5030, 5138, 7038		8,6,6,8								
Description	An FWSO Inspector performed four afternoon riding inspections beginning on the Blue Line at L'Enfant Plaza (D03) to Franconia-Springfield (J03) and back to L'Enfant Plaza (D03). The FWSO Inspector rode in the cab lead car.						Number of Defects		11		
							Recommended Finding?		Yes		
							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	JOHN PHILIP MAYSER		Digitally signed by Date: JOHN PHILIP MAYSER DN: c=US, o=U.S. Government, ou=FRA FRAVancouverWA, ou=DOT FRAVancouverWA, cn=JOHN PHILIP MAYSER Date: 2017.12.18 14:35:53 -08'00'
Inspector in Charge - Name John Mayser	Inspection Team John Mayser		



	<p>Lead Car 7448: An FWSO Inspector observed the train with lead car 7448 from 1551 – 1616 hours, track 2, operating from L’Enfant Plaza (D03) to Pentagon (C07).</p> <p>Lead Car 5030: An FWSO Inspector observed train with lead car 5030 from 1619 – 1648 hours, track 2, operating from Pentagon (C07) to Franconia-Springfield (J03). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</p> <p>Lead Car 5138: An FWSO Inspector observed train with lead car 5138 from 1658 – 1725 hours, tracks 2 and 1, operating from Franconia-Springfield (J03) to Pentagon (C07). The train operator properly responded to the continual loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</p> <p>Lead Car 7038: An FWSO Inspector observed train with lead car 7038 from 1738 – 1759 hours, track 1, operating from Pentagon (C07) to L’Enfant Plaza (D03).</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> • MSRPH, 1.12: Operators of trains with lead cars 7448, 5030, 5138, and 7038 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRPH, SOP 40.5.1.5.2: Operators of trains with lead cars 7448, 5036, 5138, and 7038 did not comply with the rule that states in part: “look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button”. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRPH, 3.87.1: Operator of train with lead car 7448 did not sound the horn approaching the tunnel opening on track 2 after Rosslyn (C05). Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRPH, 4.33: Operator of train with lead car 7448 did not have a flashlight in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. • MSRPH, 4.33: Operator of trains with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. <p>Other Notable Observations:</p> <ul style="list-style-type: none"> • All operators were courteous, and displayed a professional image and attitude. • 8-Car marker is missing from Track 1 at Farragut West (C03). 		
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	20171217-WMATA-AG-1		
	2017	12	17				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATCM	Sub- Department	CIT
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Rhode Island (B04) to Silver Spring (B08) Track 1 & 2 Shutdown December 16 -December 18, 2017						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-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		ATC	JSB	OBS
Job Briefing Employee Name/Title	TRST 6022				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1300-1900	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					X		X			
Line(s)	B-Line		Track Number	N/A	Chain Marker and/or Station(s)		From			To			
							Fort Totten (B06)			Fort Totten (B06)			
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 09:45:47 -05'00'	Date
Inspector in Charge - Name	Adam Giovando			
Inspection Team	Lee Emard, Al Nepa, Brian Altiero			



Description	The job safety briefing was provided by TRST unit #6022 at Fort Totten Station briefing table (B06). The briefing was thorough and fully compliant with WMATA's Roadway Worker Protection Manual (RWPM) requirements. It included WMATA level 1 ID check, type of protection, inaccessible track (IT), potential hazards, hot spots and hospital locations, red tag outage number, and safety rule of the day. The FWSO Inspectors did not note any defects	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	ATC Cable Installation and Testing				Activity Code		ATC	WI	PI
Job Briefing Employee Name/Title	TRST 6022		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1300-1900	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					X		X	
Line(s)	B-Line	Track Number	Track 1 and 2	Chain Marker and/or Station(s)	From			To			
					Rhode Island Ave. (B04)			Silver Spring (B08)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	FWSO inspectors performed an ATC work zone observation on tracks one and two of the B-Line between Rhode Island Ave. (B04) and Silver Spring (B08). FWSO inspectors met with WMATA ATC Superintendent, Unit 22 at 1400 hrs. Inspectors observed WMATA Track Maintenance performing rail welding and WMATA ATC personnel terminating connections in the boxes and train control rooms between Brookland (B05) and Fort Totten (B06). All but three boxes were connected. Work was also ongoing in train control rooms all installation work between Fort Totten (B06) and Takoma (B07) was expected to be completed by 2200 hrs. 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 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	20171218-WMATA-AG-1		
	2017	12	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]
Inspection Location	B-Line, track 1, Rhode Island Avenue (B04) to Union Station (B03)						

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	7				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6287			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1330	Outside Shift	No			
Related Reports	N/A			Related CAPS / Findings			N/A							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X								X			
Line(s)	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										Number of Defects		0		

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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 14:29:38 -05'00'	Date	
Inspector in Charge - Name	Adam Giovando		Inspection Team	Brian Altiero, Alexander Nepa	



	TRST unit number 6287 conducted a job safety briefing at Rhode Island (B04) station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location.							Recommended Finding?		No	
	The FWSO Inspectors did not note any defects.							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 Unit 6287			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1330	Outside Shift	No
Related Reports	N/A			Related CAPS / Findings		N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	TRST 1000										
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 1		Chain Marker and/or Station(s)		From		To		
							Rhode Island Avenue (B04)		Union Station (B03)		
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description	FWSO Inspector observed a WMATA contract inspector perform a track inspection on track one of the B line between Rhode Island Avenue (B04) and Union Station (B03). Contract Inspector was observed to be diligent and attentive during the inspection.							Number of Defects		7	
								Recommended Finding?		No	
								Remedial Action Required?		Yes	
<p>The following color-coded defects were observed:</p> <ul style="list-style-type: none"> TRST 1000, Table 9-9: The guard check gauge at B1 88+20, switch 3A, measured 54-3/16 inch. Red Condition. TRST 1000, Table 9-9: The guard check gauge at B1 88+50, switch 1A, measured 54-3/16 inch. Red Condition. TRST 1000, Table 11-3: A deviation from zero cross level was observed in six ties measuring more than 1-1/2 inch at the left insulated joint located at B1 87+20. Red Condition. <p>The following non-color-coded defects were identified.</p> <ul style="list-style-type: none"> TRST 1000, 3.2.2.2: The catch basin on the aerial structure at B1 154+00 was observed to be clogged and not draining water as designed. TRST 1000, 9.28: A broken bolt was observed on the main side guard rail at B1 88+20, switch 3A. TRST 1000, 13.5.7: The end approach coverboard at B1 87+60 at the B03-02 signal was missing. TRST 1000, 13.5.7: The end approach coverboard at B1 60+20 was missing. <p>Other Notable Observation:</p> <ul style="list-style-type: none"> Between B1 82+00 and B1 87+00, through the curve, dynamic rail plate movement measuring between ½ inch to 1 inch was observed on the ties. It could not be determined if this dynamic movement was current. 							Recommended Reinspection?		Yes		



Remedial Action	<p>To achieve compliance with WMATA's requirements</p> <ul style="list-style-type: none">• WMATA must adjust the guard rail braces at the switch 3B frog at B1 88+20.• WMATA must adjust the guard rail braces at the switch 1A frog at B1 88+50.• WMATA must eliminate the vertical deflection at B1 87+20.• WMATA must clean the catch basin on the aerial structure at B1 154+00.• WMATA must replace the broken bolt on the switch 3A main side guard rail at B1 88+20.• WMATA must replace the missing end coverboard at B1 87+60, B03-02 signal.• WMATA must replace the missing end coverboard at B1 60+20.
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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	20171219-WMATA-AG-1		
	2017	12	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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, track 2, Rhode Island Avenue (B04) to Takoma (B07)						

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	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 6321			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											
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 09:53:26 -05'00'	Date
Inspector in Charge - Name	Adam Giovando		Inspection Team	Brian Altiero, Alexander Nepa



Description	TRST unit number 6321 conducted a job safety briefing at Rhode Island Avenue (B04) station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location. 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					Track Walker Observation		Activity Code		TRK	WI	OBS
Job Briefing Employee Name/Title	TRST Unit 6321					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			
	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 2	Chain Marker and/or Station(s)	From				To				
					Rhode Island Avenue (B04)				Takoma (B07)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	FWSO Inspector observed a WMATA contract inspector perform a track inspection on track two of the B-line between Rhode Island Avenue (B04) and Takoma (B07). Contract Inspector was observed to be diligent and attentive during the inspection. The following non-color-coded defects were identified. <ul style="list-style-type: none"> TRST 1000 Defect 5.14.16, At B2 294+80, right rail was jointed with an improper joint bar, allowing a one-inch gap. See figures one and two below. 							Number of Defects	1				
								Recommended Finding?	No				
								Remedial Action Required?	Yes				
								Recommended Reinspection?	Yes				
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> WMATA must install proper joint bars at B2 294+80. 												



Photos



Figure 1: Improper joint bar at B2 294+80, right rail.



Figure 2: One-inch gap between rail running surfaces at B2 294+80, right rail.



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	20171219-WMATA-AG-2		
	2017	12	19				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATCM	Sub- Department	CIT
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Fort Totten (B06) – Train Control Room (TCR)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-RM-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		ATC	JSB	OBS
Job Briefing Employee Name/Title	WMATA ATC Personnel					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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				
	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				
								Fort Totten (B06)		Fort Totten (B06)				
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	ADAM ANTHONY GIOVANDO		Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFTWorthTX, ou=DOT FRAFTWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 15:42:56 -05'00'	Date
Inspector in Charge – Name	Adam Giovando	Inspection Team	Tino Sahoo	



Description	<p>FWSO personnel received a job safety briefing from the WMATA Automatic Train Control (ATC) 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</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	Corrective Maintenance				Activity Code		ATC	RM	OBS
Job Briefing Employee Name/Title	WMATA ATC Personnel			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100-0500	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 Functional Tests										
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			
					Fort Totten (B06) – Train Control Room			Fort Totten (B06) – Train Control Room			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>The FWSO Inspector observed WMATA's Automatic Train Control (ATC) maintenance department remove old wiring from Rack E2 located in the Train Control Room (TCR) and terminate 37 conductors of #14 wire gauge (Cable RR-41) for the track circuits from Brookland-CUA (B05) to Fort Totten (B06) and 37 conductors of #14 wire gauge (Cable RR-42) for the track circuits from Fort Totten (B06) to Takoma (B07). ATC engineering then performed cable verification functional tests of encode/decode, traffic locking, approach and train identity circuit, line approach and line repeater, 6AR, 10PBSPR-2AR, and intrusion detection warning (IDW) between Brookland-CUA (B05) to Fort Totten (B06) train control rooms. Next, ATC engineering performed cable verification functional tests of encode/decode, traffic locking, line track repeaters, track indication, and intrusion detection warning (IDW) between Fort Totten (B06) to Takoma (B07) train control rooms.</p> <p>Both cable verification functional tests between Brookland-CUA (B05) to Fort Totten (B06) train control rooms and Fort Totten (B06) to Takoma (B07) train control rooms were completed and successful.</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	20171220-WMATA-WP-1		
	2017	12	20				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub-Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	C-Line, Track 1, Arlington Cemetery (C06) to C1 242+00						

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	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6036			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 1400	Outside Shift	Yes			
Related Reports	N/A			Related CAPS / Findings		N/A								
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard		Other / Title		Checklist Reference				
	RWPM													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X					X						
Line(s)	C-Line		Track Number	N/A	Chain Marker and/or Station(s)		From			To				
							Arlington Cemetery (C06)			Arlington Cemetery (C06)				
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	
Inspector in Charge - Name Winslow Powell		Inspection Team Lee Emard			



Description	<p>TRST unit 687 conducted a job safety briefing at Arlington Cemetery (C06) Station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID and personal protective equipment (PPE) verification, type of protection, hazards, and hospital location.</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 Observation			Activity Code		TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST 687					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	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 rev. 6														
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A				
	X							X	X						
Line(s)	C-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From				To						
					Arlington Cemetery (C06)				C1 242+00						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A									
	N/A		N/A												
Description	<p>FWSO Inspector observed WMATA compliance inspectors perform a track inspection on track one of the C-Line between Arlington Cemetery (C06) and C1 242+00. The inspection was originally scheduled to be from Arlington Cemetery (C06) to Pentagon (C07) and was ended at C1 242+00 due to poor communication between the ROCC and the inspection crew.</p> <p>FWSO inspection will be rescheduled and no remedial actions were 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?	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	20171227-WMATA-WP-1		
	2017	12	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]
Inspection Location	Alexandria Yard (C99)						

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	28				
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										
	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/A	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	WINSLOW L. POWELL		Date
Inspector in Charge - Name Winslow Powell	Inspection Team Tino Sahoo		<small>Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL Date: 2017.12.29 09:15:07 -05'00'</small>



Description	FWSO inspector received a job safety briefing from the WMATA roadway worker in charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked, and the working limits reviewed. The WMATA RWIC covered the nearest hospital and safety rule of the day. The hazards, clearance areas, and communication were used as part of the discussion. The FWSO Inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Cable Inspection Observation					Activity Code	TP	WI	OBS
Job Briefing Employee Name/Title	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		
	TRST 1000										
	DD-TP-SSI-013										
	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X						X			
Line(s)	N/A	Track Number	N/A	Chain Marker and/or Station(s)			From		To		
							Alexandria Yard (C99)		Alexandria Yard (C99)		
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description	An FWSO inspector observed WMATA personnel conducting a walking cable inspection at Alexandria Yard (C99).							Number of Defects	28		
	The following non-color-coded defects were observed: <ul style="list-style-type: none"> DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtailed at YCR 65. EMI for JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE: Two orange boot cable connector assemblies were lying on the ground at YCR 65. DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtailed at YCR 67. DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtailed at YCR 68. EMI for JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE: PVC conduit containing heater tape wiring was stood off the ground using metal kindorf in which portion of kindorf was on gauge side of the third rail at YCR 8. DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtailed at YCR 10. DD-TP-SSI-013: Duct seal was missing in heater tape conduit where the wiring enters conduit at YCR 10. 							Recommended Finding?	No		
								Remedial Action Required?	Yes		
								Recommended Reinspection?	Yes		



	<ul style="list-style-type: none"> • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 9. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 5. • DD-TP-SSI-013: Heat shrink was compromised on conduit stub-up at YCR 6. • DD-TP-SSI-013: Three orange boots were missing multiple captive screws at YCR 6. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 4. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 3. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 2. • DD-TP-SSI-013: A damaged orange boot cable connector assembly was observed at YCR 2. • DD-TP-SSI-013: Unused conduits were not capped at YCR 2. • DD-TP-SSI-013: Heat shrink was compromised on conduit stub-up at YCR 1. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 15. • DD-TP-SSI-013: A damaged orange boot cable connector assembly was observed at YCR 20. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 20. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 19. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 18. • TRST 1000, 13.3.4: Third rail cover board was missing on end approach at YCR 17. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 22. • DD-TP-SSI-013: A nicked cable was observed at YCR 21. • TRST 1000, 13.3.4: Third rail cover board was missing on end approach at YCR 16. • DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 16. • DD-TP-SSI-013: A damaged orange boot cable connector assembly was observed at YCR 16. <p>Other Notable Observations:</p> <ul style="list-style-type: none"> • Trash and debris were surrounding cables and conduit stub-ups and cables lying on the ground at YCR 65. • Trash and debris were surrounding cables and conduit stub-ups and cables lying on the ground at YCR 66. • Trash was surrounding cables at YCR 67. • Cables were lying on the ground at YCR 11. • Cables were lying on the ground at YCR 12. • Cables were lying on the ground at YCR 13. • Cables were lying on the ground at YCR 63. • Cables were lying on the ground at YCR 14. • Cables were lying on the ground at YCR 10. • Cables were lying on the ground at YCR 9. • Cables were lying on the ground at YCR 5. • Cables were lying on the ground at YCR 6. • Cables were lying on the ground at YCR 4. • Cables were lying on the ground at YCR 3. • Cables were lying on the ground at YCR 1. • Cables were lying on the ground at YCR 15. 		
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	<ul style="list-style-type: none"> • Cables were lying on the ground at YCR 19. • Trash was surrounding cables and cables lying on the ground at YCR 18. • Cables were lying on the ground at YCR 17. • Trash was surrounding cables and cables lying on the ground at YCR 18. • Trash was surrounding cables and cables lying on the ground at YCR 22. • Cables were lying on the ground at YCR 21. • Cables were lying on the ground at YCR 16. 		
<p>Remedial Action</p>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> • WMATA must install watertight sealing collars per design drawing at YCR 65. • WMATA must elevate orange boot cable connector assemblies off the ground per EMI at YCR 65. • WMATA must install watertight sealing collars per design drawing at YCR 67. • WMATA must install watertight sealing collars per design drawing at YCR 68. • WMATA must elevate PVC conduit off the ground using fiberglass kindorf per the EMI at YCR 8. • WMATA must install watertight sealing collars per design drawing at YCR 10. • WMATA must install missing duct seal in heater tape conduit at YCR 10. • WMATA must install watertight sealing collars per design drawing at YCR 9. • WMATA must install watertight sealing collars per design drawing at YCR 5. • WMATA must replace heat shrink on conduit stub-up per design drawing at YCR 6. • WMATA must replace three orange boots at YCR 6. • WMATA must install watertight sealing collars per design drawing at YCR 4. • WMATA must install watertight sealing collars per design drawing at YCR 3. • WMATA must install watertight sealing collars per design drawing at YCR 2. • WMATA must replace orange boot at YCR 2. • WMATA must cap unused conduits at YCR 2. • WMATA must replace heat shrink on conduit stub-up per design drawing at YCR 1. • WMATA must install watertight sealing collars per design drawing at YCR 15. • WMATA must replace orange boot at YCR 20. • WMATA must install watertight sealing collars per design drawing at YCR 20. • WMATA must install watertight sealing collars per design drawing at YCR 19. • WMATA must install watertight sealing collars per design drawing at YCR 18. • WMATA must replace third rail cover board on end approach at YCR 17. • WMATA must install watertight sealing collars per design drawing at YCR 22. • WMATA must replace nicked cable at YCR 21. • WMATA must replace third rail cover board on end approach at YCR 16. • WMATA must install watertight sealing collars per design drawing at YCR 16. • WMATA must replace orange boot at YCR 16. 		