



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181201-WMATA-WP-1		
	2018	12	01				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	TRST	<b>Sub- Department</b>	TKIN
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	D-Line, Track 2, Capitol South (D04) to Stadium Armory (D08)						

**Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	10				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>					Job Safety Briefing		<b>Activity Code</b>		TRK	JSB	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 679					<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1230	<b>Outside Shift</b>	Yes
<b>Related Reports</b>	N/A					<b>Related CAPS / Findings</b>		N/A					
<b>Related Rules, SOPs, Standards, or Other</b>	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	RWPM												
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A		
			X						X				
<b>Line(s)</b>	D-Line		<b>Track Number</b>	N/A	<b>Chain Marker and/or Station(s)</b>		From		To				
							Capitol South (D04)		Capitol South (D04)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A						
	N/A		N/A										

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

<b>Inspector in Charge - Signature</b>		WINSLOW L. POWELL		<b>Date</b>	Digitally signed by WINSLOW L. POWELL Date: 2018.12.17 07:14:07 -05'00'
<b>Inspector in Charge - Name</b> Winslow Powell	<b>Inspection Team</b> Alexander Nepa				



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from TRST 679 at Capitol South (D04) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Inspection				Activity Code	TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST 679		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1330	Outside Shift	Yes	
Related Reports	Safety Directive 17-1		Related CAPS / Findings	CAP: FTA-TPE-17-021-a, TOC-SRT-15-002, FTA-16-4-T-9							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X								X		
Line(s)	D-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From						
					Capitol South (D04)		Stadium Armory (D08)				
Vehicles	Head Car Number	Number of Cars		Equipment	N/A						
	N/A	N/A									

Description	<p>FWSO inspector performed a remedial action verification and track inspection between Capitol South (D04) and Stadium Armory (D08) on track two.</p> <p>The following color-coded defect was observed:</p> <ul style="list-style-type: none"> <li><b>TRST 1000, 7.7, table 7.1 and Note 1:</b> At D2 087+50 on the left rail, three consecutive non-holding fasteners were observed. The distance between holding fasteners was 96 inches. Directly adjacent on the right rail, two defective non-holding fasteners were observed. The condition on the right rail was allowing ½-inch to 5/8-inch dynamic vertical deflection between the base of the rail and the fastener and between the base of the fastener and the grout pad. A taper gauge was used to obtain the measurements. Movement under load was evaluated by WMATA and deemed a maintenance condition. <b>Red Condition</b></li> </ul> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> At D2 087+00, the third rail end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li><b>TRST 1000, 9.12.6. (d):</b> At D2 087+50 at the 1B switch, the frog had one missing wedge brace.</li> <li><b>TRST 1000, 9.22:</b> At D2 087+50 at the 1B frog, four broken-loose bolts were observed on the brace plate.</li> <li><b>TRST 1000, 9.10:</b> At D2 087+50 at the 1B switch, the numbers three and four switch rods were loose.</li> <li><b>TRST 1000, 5.11.4:</b> At D2 087+90 on the right rail, corrosion was observed on the running surface. See Figure 1 below.</li> <li><b>TRST 1000, 3.2.2.4:</b> At D2 107+00, a crown tunnel leak was observed that was allowing water to strike the right rail. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002.</li> <li><b>TRST 1000, 3.2.2.4:</b> At D2 155+35, a side wall tunnel leak was observed. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002.</li> </ul>	Number of Defects	10
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



	<ul style="list-style-type: none"><li>• <b>TRST 1000, 3.2.2.4:</b> At D2 107+00, a crown tunnel leak was observed that was allowing water to strike the right rail. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002.</li><li>• <b>TRST 1000, 3.1.2.2:</b> Between D2 191+00 and 191+20, the center cuppers were blocked and not allowing water to drain as designed. Remedial action for this defect is addressed in WMATA approach to FTA-16-4-T-9.</li></ul>		
Remedial Action	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"><li>• WMATA must repair the defective fastener condition at D2 087+50.</li><li>• WMATA must repair the disconnected frog wedge brace at D2 087+50, 1B switch.</li><li>• WMATA must repair the four loose-broken bolts at D2 087+50, 1B switch frog brace plate.</li><li>• WMATA must tighten the numbers three and four switch rods at the 1B switch, D2 087+50.</li><li>• WMATA must change the corroded right rail at D2 087+90.</li></ul>		

Photos:



Figure 1: Corroded right rail at D2 087+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	20181202-WMATA-WP-1		
	2018	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]
Inspection Location	F, L, and C-Lines, Tracks 1 and 2, Pentagon (C07) to L'Enfant Plaza (F03)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6104					Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0800-1230	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)	L-Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To				
								Haynes Point CM L1 105+00		Haynes Point CM L1 105+00				
Vehicles	Head Car Number			Number of Cars		Equipment	N/A							
	N/A			N/A										

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

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 12:44:46 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from TRST 679 at Haynes Point, L1 105+00 briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Inspection and Work Zone Set-Up Verification				Activity Code	TRK	WI	OBS						
Job Briefing Employee Name/Title	TRST 601		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1330	Outside Shift	Yes						
Related Reports	N/A		Related CAPS / Findings		N/A											
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference							
	TRST 1000															
	RWPM 51.586 09/18															
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A					
	X								X							
Line(s)	F, L and C Lines	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From											
					Pentagon (C07)			L'Enfant Plaza (F03)								
Vehicles	Head Car Number		Number of Cars		Equipment											
	N/A		N/A			N/A										
Description	<p>FWSO inspector performed a work zone set-up verification and track inspection between Pentagon (C07) and L'Enfant Plaza (F03) on the F, L and C-Lines, tracks one and two.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 3.1.2.2:</b> At L2 152+50 the center drain has corroded to a point where it poses a trip-and-fall hazard. See Figure 1 below.</li> <li><b>MSRPH, 5.5:</b> Barricades were not observed at L1 055+00 per the work zone map. WMATA's compliance inspector addressed the defect onsite by securing an updated map. Remedial Action for this defect is addressed in WMATA's approach to remedial action ID #2216.</li> <li><b>MSRPH, 5.5:</b> Barricades were not observed at L2 055+00 per the work zone map. WMATA's compliance inspector addressed the defect onsite by securing an updated map. Remedial Action for this defect is addressed in WMATA's approach to remedial action ID #2216.</li> <li><b>MSRPH, 5.13.8:</b> The tie barricade chain at work zone set-up E1 03+60 was secured with a defective lock. Remedial Action for this defect is addressed in WMATA's approach to remedial action ID #2216.</li> <li><b>MSRPH, 5.11:</b> At L'Enfant Plaza, five contractors were observed in an active work zone without safety glasses. Compliance officer addressed the issue with the employees.</li> <li><b>MSRPH, 5.11:</b> At L'Enfant Plaza, two WMATA employees were observed in an active work zone without hard hats. Compliance officer addressed the issue with the employees.</li> <li><b>MSRPH, 5.11:</b> At L'Enfant Plaza a WMATA custodial employee was observed in an active work zone without any PPE and without being properly briefed prior to entering the work area. Compliance officer addressed the issue with the employee.</li> </ul>						Number of Defects	7								
							Recommended Finding?	No								
							Remedial Action Required?	Yes								
							Recommended Reinspection?	Yes								
Remedial Action	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> <li>WMATA must replace the corroded center grate at L2 152+50.</li> </ul>															

Photos:



**Figure 1:** Corroded center drain at L2 152+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	20181204-WMATA-WP-1		
	2018	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	C-Line, Track 2, Ronald Reagan Washington National Airport (C10) to Crystal City (C09); Track 1, Braddock Road (C12) to King Street (C13)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 621					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)	C-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To						
					Ronald Reagan Washington National Airport (C10)			Ronald Reagan Washington National Airport (C10)						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											

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

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 13:28:26 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa		





United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

<b>Description</b>	FWSO inspector received a job safety briefing from TRST 679 at Ronald Reagan Washington National Airport (C10) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection					<b>Activity Code</b>	TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 621		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	Safety Directive 17-1		<b>Related CAPS / Findings</b>		CAP: FTA-TPE-17-021-a, TOC-SRT-15-002 Remedial Action ID: 1991						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X	X		
<b>Line(s)</b>	C-Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	From						
					Ronald Reagan Washington National Airport (C10); Braddock Road (C12)		Crystal City (C09); King Street (C13)				
<b>Vehicles</b>	Head Car Number	Number of Cars		<b>Equipment</b>	N/A						
	N/A	N/A									
<b>Description</b>	FWSO inspector performed a remedial action verification and track inspection between Ronald Reagan Washington National Airport (C10) and Crystal City (C09) on track two and between Braddock Road (C12) and King Street (C13), track two.  <b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 9.22:</b> At C2 363+00 at the 11B frog, four broken-loose bolts were observed on the brace plate.</li> <li><b>TRST 1000, 9.10:</b> At C2 363+00 at the 11B switch, the number four switch rod was loose.</li> <li><b>TRST 1000, 10.17.4.1:</b> Between C2 342+30 and 337+00 relay rail was observed between the field side of the track and the cat walk.</li> </ul> <b>The following remedial action was verified as complete:</b> <ul style="list-style-type: none"> <li>WMATA has removed the relay rail at C2 355+00.</li> </ul>						<b>Number of Defects</b>	3			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
								<b>Recommended Reinspection?</b>	Yes		
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> <li>WMATA must repair the four loose-broken bolts at C2 363+00 11B switch frog brace plate.</li> <li>WMATA must tighten the number four switch rod at the 1B switch, C2 363+00, 11B switch.</li> <li>WMATA must remove the relay rail between C2 342+30 and 337+00.</li> </ul>										





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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

Inspection Date	YYYY	MM	DD	Report Number	20181204-WMATA-WP-2		
	2018	12	04				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	C-Line, Foggy Bottom (C04), track 1 and 2, CM 064+40 to CM 068+70; Train Control Room (TCR)						

**Inspection Summary**

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

**Activity Summaries**

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		ATC	JSB	OBS
Job Briefing Employee Name/Title	ATC 2180					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference					
	MSRPH													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
					X				X					
Line(s)	C-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To						
					Foggy Bottom (C04) TCR			Foggy Bottom (C04) TCR						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 13:32:12 -0500
Inspector in Charge - Name Winslow Powell		Inspection Team Lee Emard			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from the WMATA ATC 2180 at Foggy Bottom (C04) Train Control Room (TCR). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  The FWSO inspector did not note any defects.							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action		N/A									

Inspection Activity #	2	Inspection Subject					ATC Observation		Activity Code		ATC	RM	PI
Job Briefing Employee Name/Title	ATC #2180				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A				Related CAPS / Findings		Remedial Action ID: 3121, 1490, 322, 3120 CAP: FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference		
	ATC 3000, 3003 - Interlocking Inspection												
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	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To					
					Foggy Bottom (C04) C1/C2 CM 064+40			Foggy Bottom (C04) C1/C2 CM 068+70					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										

Description	The FWSO inspector observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspectors went wayside on mainline track at Foggy Bottom (C04) from C1/C2 CM 064+40 to CM 068+70. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.  The following color-coded defect was observed: <ul style="list-style-type: none"><li>TRST 1000 Table 7-1: At CM C1 067+65, three defective fasteners in a row were observed at the holding gauge on left rail. No speed restriction was applied. <b>Yellow condition.</b> See figure 1 below.</li></ul> The following non-color-coded defects were observed: <ul style="list-style-type: none"><li>TRST 1000, 13.5.7: Third rail was missing cover board at CM C1 065+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>TRST 1000, 13.5.7: Third rail was missing cover board at CM C1 065+90. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li></ul> The following remedial actions were verified as complete: <ul style="list-style-type: none"><li>WMATA repaired the rail tread mismatch at C1 066+30.</li><li>WMATA repaired the fasteners at C04, switch 1B, at C2 66+00.</li><li>WMATA repaired the defective weld at C2 065+90.</li><li>WMATA repaired the frog brace wedges on switch 3B at C2 066+35.</li></ul>							Number of Defects		3	
								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"><li>WMATA must repair the fasteners at CM C1 067+65.</li></ul>									



Photo:



**Figure 1:** Defective fasteners at CM C1 067+65.



# 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	20181205-WMATA-WP-1		
	2018	12	05				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	K-Line, Ballston-MU (K04), track 1 and 2, CM 273+00 to CM 278+00; Train Control Room 115 (TCR)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		ATC	JSB	OBS
Job Briefing Employee Name/Title	ATC 2368					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference					
	MSRPH													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
					X				X					
Line(s)	K-Line	Track Number	N/A		Chain Marker and/or Station(s)		From		To					
							Ballston-MU (K04) TCR		Ballston (K04) TCR					
Vehicles	Head Car Number		Number of Cars		Equipment		N/A							
	N/A		N/A											

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 13:34:51 -05'00'
Inspector in Charge - Name Winslow Powell		Inspection Team Lee Emard , Al Nepa			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspectors received a job safety briefing from the WMATA ATC 2368 at Ballston-MU (K04) Train Control Room (TCR). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  The FWSO inspectors did not note any defects.							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action	N/A										

Inspection Activity #	2	Inspection Subject					ATC Observation		Activity Code		ATC	RM	PI
Job Briefing Employee Name/Title	ATC #2368					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No
Related Reports	N/A					Related CAPS / Findings		CAP: FTA-TPE-17-021-A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference		
	ATC 3000, 3003 - Interlocking Inspection												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X				X				X				
Line(s)	C-Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To					
					Foggy Bottom (C04) C1/C2 CM 064+40			Foggy Bottom (C04) C1/C2 CM 068+70					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	The FWSO inspectors observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspectors went wayside on mainline track at Ballston-MU (K04) from C1/C2 CM 273+00 to CM 278+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.  The following non-color-coded defects were noted: <ul style="list-style-type: none"><li>• <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM K1 276+60. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM K1 274+80. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM K2 274+50 to CM K2 275+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li></ul>							Number of Defects		3			
								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	20181205-WMATA-WP-2		
	2018	12	05				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	RTRA	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Green Line, Track 2, Fort Totten (E06) to College Park (E09) Green Line, Track 2, Mt Vernon Sq (E01) to Fort Totten (E06)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject					Operator Rules Compliance Observation			Activity Code		RTRA	RC	OBS
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0900-1600	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	RWPM		T-16-07											
	MSRPH													
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				
								Mt Vernon Sq (E01)		College Park (E09)				
Vehicles	Head Car Number			Number of Cars		Equipment		N/A						
	N/A			N/A										

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 10:11:20 -05'00'
Inspector in Charge - Name Winslow Powell		Inspection Team Tamara Powell			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

<b>Description</b>	<p>The FWSO inspector conducted an operator rules compliance observation of five (5) trains on Track 2 from College Park (E09) to Fort Totten (E06) and Fort Totten (E06) to Mt Vernon Sq (E01).</p> <p>The FWSO inspector observed each train operator receive operating conditions and instructions from the AMF's at College Park (E09), Fort Totten (E06), and Georgia Avenue (E05) stations.</p> <p>The FWSO inspector observed train operators perform horn blasts when departing stations, comply with speed restrictions between stations and ensure train clearance was achieved when passing roadway crews.</p> <p><b>The FWSO inspector did not note any defects.</b></p>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	AMF Rules Compliance Observation					<b>Activity Code</b>	TRK	RC	OBS
<b>Job Briefing Employee Name/Title</b>	N/A		<b>Accompanied Inspector?</b>	No	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0900-1600	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>	N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard			Other / Title		Checklist Reference		
	RWPM										
	MSRPH										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
			X					X			
<b>Line(s)</b>	E-Line	<b>Track Number</b>	Track 2	<b>Chain Marker and/or Station(s)</b>			From		To		
							College Park (E09)		Georgia Avenue (E05)		
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>FWSO inspector observed two Advanced Mobile Flaggers (AMF), one WMATA employee and one WMATA contractor at College Park (E09), Fort Totten (E06), and Georgia Avenue (E05) stations. The AMF's were positioned on the platform at Track 2, 8-car train marker, with required Personal Protective Equipment (PPE).</p> <p>The FWSO inspector observed each AMF issue instructions to each train operator as they entered the station. FWSO inspector verified that each AMF read from the scripted information card and utilized proper flagging to alert train operators of RWP operating conditions.</p> <p><b>The FWSO inspector did not note any defects.</b></p>							<b>Number of Defects</b>	0		
								<b>Recommended Finding?</b>	No		
								<b>Remedial Action Required?</b>	No		
								<b>Recommended Reinspection?</b>	No		
<b>Remedial Action</b>	N/A										





**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	20181206-WMATA-WP-1		
	2018	12	06				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, Brentwood Yard, (B99)						

**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	15				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

**Activity Summaries**

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	Power unit 1133					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference					
	RWPM		R-17-02											
	MSRPH		R-17-03											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
		X						X						
Line(s)	B-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To						
					Brentwood Yard (B99)			Brentwood Yard (B99)						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 13:39:21 -05'00'
Inspector in Charge - Name Winslow Powell		Inspection Team Alexander Nepa			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from Power unit 1133, roadway worker in charge (RWIC) at Brentwood Yard (B99) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Third Rail and Cable Inspection Observation				Activity Code	TP	WI	OBS	
Job Briefing Employee Name/Title	Power unit 1133			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No
Related Reports	Safety Directive 17-1			Related CAPS / Findings	FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X						X			
Line(s)	B-Line	Track Number	Yard Tracks	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									

Description	FWSO inspector observed WMATA power employees perform a power cable inspection of the yard tracks (YCR) in Brentwood Yard (B99). Inspectors also observed third rail and track conditions.  <b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 71, the third rail power was contacting the ground.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 71, the conduit stub-up was missing heat shrink tubing.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 71, the power cable cover (orange boot) was missing a watertight sealing collar.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YCR 71. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 70, the conduit stub-up was missing heat shrink tubing.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 70, the third rail power cable was contacting the ground.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 70, the power cable cover (orange boot) was missing a watertight sealing collar.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 38, the conduit stub-up was missing heat shrink tubing.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 36, the conduit stub-up was missing heat shrink tubing.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 36, the power cable cover (orange boot) was missing a watertight sealing collar.</li><li>• <b>WMATA, Power Maintenance Standards:</b> At YCR 32, the conduit stub-up was missing heat shrink tubing.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YCR 88. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>WMATA, Power Cable Standards:</b> At YCR 87, an un-used conduit stub-up was not capped.</li></ul>	Number of Defects	15
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



	<ul style="list-style-type: none"><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YCR 87. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YCR 74. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li></ul>		
Remedial Action	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"><li>• WMATA must elevate the third rail power cable from contacting the ground at YRC 71.</li><li>• WMATA must install heat shrink on the stub-ups at YRC 71.</li><li>• WMATA must install watertight sealing collars on the orange boots at YRC 71.</li><li>• WMATA must install heat shrink on the stub-ups at YRC 70.</li><li>• WMATA must elevate the third rail power cable from contacting the ground at YRC 70.</li><li>• WMATA must install watertight sealing collars on the orange boots at YRC 70.</li><li>• WMATA must install heat shrink on the stub-ups at YRC 38.</li><li>• WMATA must install heat shrink on the stub-ups at YRC 36.</li><li>• WMATA must install watertight sealing collars on the orange boots at YRC 36.</li><li>• WMATA must install heat shrink on the stub-ups at YRC 32.</li><li>• WMATA must cap the un-used conduit at YRC 87.</li></ul>		



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181206-WMATA-WP-2		
	2018	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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	K-Line, Rosslyn (C05) to Clarendon (K02), track 1						

## Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	3				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	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 601					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference					
	MSRPH													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X						X					
Line(s)	C-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To					
							Rosslyn Station (C05)		Rosslyn Station (C05)					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 14:09:18 -05'00'
Inspector in Charge - Name Winslow Powell		Inspection Team Lee Emard			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from the WMATA 601. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspector did not note any defects.</b>										Number of Defects		0
											Recommended Finding?		No
											Remedial Action Required?		No
											Recommended Reinspection?		No
Remedial Action	N/A												

Inspection Activity #	2	Inspection Subject	Remedial Action Verification					Activity Code		TRK	WI	PI	
Job Briefing Employee Name/Title	TRST 601		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No			
Related Reports	N/A		Related CAPS / Findings		Remedial Action ID: 1473, 2100, 2105, 1167 CAP: FTA-TPE-17-021-A, TOC-SRT-15-002, TOC-EVC-15-001-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)	K-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To					
					Rosslyn Station (C05)			Clarendon Station (K02)					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	The FWSO inspector performed a remedial action verification with WMATA Compliance Crew from Rosslyn Station (C05) to Clarendon Station (K02). Inspector also inspected track conditions in the area. During the inspection, four remedial actions were verified as complete.  <b>The following non-color-coded defects were noted:</b> <ul style="list-style-type: none"><li>• <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM K2 220+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>TRST 1000, 3.2.2.4:</b> Tunnel leak was observed at CM K1 206+00. Remedial action for this defect is addressed by WMATA's approach to TOC-SRT-15-002.</li><li>• <b>TRST 1000, 10:18:</b> Tunnel lighting between CM K1 214 to CM K1 214 +00 was not working. Remedial action for this defect is addressed by WMATA's approach to TOC-EVC-15-001-A.</li></ul> <b>The following remedial actions were verified as complete:</b> <ul style="list-style-type: none"><li>• WMATA replaced defective fasteners at CM K1 0147+00.</li><li>• WMATA removed relay rail at CM K1 0148+00 to CM K1 160+00.</li><li>• WMATA removed relay rail at CM K1 0148+00 to CM K1 160+20.</li><li>• WMATA replaced third rail end approach at CM K1 0222+00.</li></ul>										Number of Defects		3
											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	20181207-WMATA-WP-1		
	2018	12	07				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	RTRA	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Orange Line, Track 2, New Carrollton (D13) to Metro Center (C01)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Operator Rules Compliance Observation			Activity Code		RTRA	RC	OBS
Job Briefing Employee Name/Title	N/A				Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	1145 – 1530	Outside Shift	No	
Related Reports	N/A				Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard			Other / Title		Checklist Reference			
	RWPM		T-16-07										
	MSRPH												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X								X				
Line(s)	C and D-Lines		Track Number	Track 1	Chain Marker and/or Station(s)			From		To			
								New Carrollton (D13)		Metro Center (C01)			
Vehicles	Head Car Number		Number of Cars		Equipment			N/A					
	N/A		N/A										

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 08:18:11 -05'00'
Inspector in Charge – Name Winslow Powell		Inspection Team Tamara Powell			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	The FWSO inspector conducted an operator rules compliance observation of three (3) trains on Track 1 from New Carrollton (D13) to Metro Center (C01).  The FWSO inspector observed train operators perform horn blasts when departing stations, comply with speed restrictions between stations and ensure train clearance was achieved when passing roadway crews.  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	20181208-WMATA-WP-1		
	2018	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]
Inspection Location	L-Line, Tracks 1 and 2, Pentagon (C07) to L'Enfant Plaza (F03)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6458				Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0800-1230	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)	L-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To				
							Haynes Point CM L1 105+00		Haynes Point CM L1 105+00				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 14:14:17 -05'00'
Inspector in Charge - Name Winslow Powell		Inspection Team Alexander Nepa			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

<b>Description</b>	FWSO inspector received a job safety briefing from TRST 6458 at Hains Point, L1 105+00 briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection and Work Zone Set-Up Verification					<b>Activity Code</b>	TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 687		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1330	<b>Outside Shift</b>	Yes	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	MSRPH										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
<b>Line(s)</b>	L-Line	<b>Track Number</b>	Tracks 1 and 2	<b>Chain Marker and/or Station(s)</b>	From						
	Pentagon (C07)				L'Enfant Plaza (F03)						
<b>Vehicles</b>	Head Car Number		Number of Cars		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspector performed a work zone set-up verification and track inspection between Pentagon (C07) and L'Enfant Plaza (F03), F, L and E-Lines, tracks one and two.  <b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>MSRPH, 5.11</b> During the observation, nine roadway workers were observed in an active work zone without safety glasses. Compliance officer addressed the issue with the employees.</li> <li><b>MSRPH, 5.11</b> During the observation, two roadway workers were observed in an active work zone without hard hats. Compliance officer addressed the issue with the employees.</li> </ul> <b>Other Notable Observation:</b> <ul style="list-style-type: none"> <li>During the observation, some Pandrol clips were over-driven. This was brought to the attention of the supervisor and the issue was corrected.</li> </ul>						<b>Number of Defects</b>	2			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	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	20181209-WMATA-WP-1		
	2018	12	09				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	A and B-Lines, Track 1, Gallery Place (B01) to Farragut North (A02)						

## Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	0				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	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 627					Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	2200-0300	Outside Shift	Yes	
Related Reports	N/A					Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference					
	RWPM													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	X								X					
Line(s)	B-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To					
							Gallery Place (B01)		Gallery Place (B01)					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											

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

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 14:17:42 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

<b>Description</b>	FWSO inspector received a job safety briefing from TRST 627 at Gallery Place (B01) on prime mover (PM-63) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection and Work Zone Set-Up Verification				<b>Activity Code</b>		TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 601		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	2200-0300	<b>Outside Shift</b>	Yes	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 51.586 09/18										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X								X		
<b>Line(s)</b>	A & B Line	<b>Track Number</b>	Track 1		<b>Chain Marker and/or Station(s)</b>		From				
							Gallery Place (B01)		Farragut North (A02)		
<b>Vehicles</b>	Head Car Number		Number of Cars		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspector performed a work zone set-up verification and track inspection between Gallery Place (B01) and Farragut North (A02), track one. The scope of work for the evening was joint elimination (orgo-thermite welding).  <b>The FWSO inspector did not note any defects.</b>  <b>Other Notable Observations:</b> <ul style="list-style-type: none"> <li>During the observation, at the A1 007+00 work zone, the old type, non-locking shunt was being used. See Figure 1 below.</li> </ul>						<b>Number of Defects</b>	0			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	No			
							<b>Recommended Reinspection?</b>	No			
<b>Remedial Action</b>	N/A										

Photos:



**Figure 1:** A1 007+00, old type non-locking shunt in use.



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	20181211-WMATA-WP-1		
	2018	12	11				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	B-Line, Union Station (B03) to Metro Center (A01), track 1						

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	2				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	Power unit 1133				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	N/A				Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	RWPM		R-17-02										
	MSRPH		R-17-03										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X								X				
Line(s)	B-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To				
							Union Station (B03)		Union Station (B03)				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 14:20:14 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Alexander Nepa		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

<b>Description</b>	FWSO inspector received a job safety briefing from Power unit 1133, roadway worker in charge (RWIC), at Union Station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Third Rail and Cable Inspection Observation				<b>Activity Code</b>	TP	WI	OBS	
<b>Job Briefing Employee Name/Title</b>	Power unit 1133		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000-1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>	N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	DD-TP-SSI-013										
	EMI 220172										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
		X						X			
<b>Line(s)</b>	B-Line	<b>Track Number</b>	Yard Tracks	<b>Chain Marker and/or Station(s)</b>	From			To			
					Union Station (B03)			Metro Center (A01)			
<b>Vehicles</b>	Head Car Number		Number of Cars		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspector observed WMATA power employees perform a power cable inspection between Union Station (B03) and Metro Center (A01), track one. Inspector also observed third rail and track conditions.  <b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>EMI 220172:</b> At B1 052+00, broken cable clamps (kindorf strap) were observed.</li> <li><b>TRST 1000, 13.3.13:</b> At B1 007+00, a broken third support bracket/anchor arm was observed.</li> </ul>						<b>Number of Defects</b>	2			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	No			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> <li>WMATA must repair the broken kindorf strap at B1 052+00.</li> <li>WMATA must repair the broken third rail support bracket/anchor arm at B1 007+00.</li> </ul>										





# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181211-WMATA-WP-2		
	2018	12	11				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	CMNT	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Greenbelt Service and Inspection Facility (E99)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Shop Observations		Activity Code		VM	SI	OBS
Job Briefing Employee Name/Title	Chris Green Assistant Superintendent				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700-0900	Outside Shift	No
Related Reports	N/A				Related CAPS / Findings		N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference			
			SOP #29		Task 90 7000 Series Door Inspection							
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A	
					X							X
Line(s)	N/A		Track Number		N/A		Chain Marker and/or Station(s)		From		To	
									N/A		N/A	
Vehicles	Head Car Number		Number of Cars		Equipment		N/A					
	7506-7507 7464-7465		4									

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

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 14:23:26 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Bill Hultsch		



<b>Description</b>	FWSO inspector observed WMATA car maintenance activities and shop safety practices at the Greenbelt Service and Inspection Facility (E99). The following activities were observed: <ol style="list-style-type: none"><li>1. Observed the conduct of 7506-7507 A2 and 7464-7465 C1 periodic inspections.</li><li>2. Observed performance of Task 90 door inspection.</li><li>3. Spot-checked proper voltmeter calibration sticker.</li><li>4. Observed compliance with SOP #29 Blue Flag Protection on rail cars where maintenance on the outside of the rail car was being performed.</li><li>5. Observed employee shop safety practices. All employees were wearing appropriate safety personal protective equipment (PPE).</li><li>6. Shop safety equipment observed included:<ol style="list-style-type: none"><li>a. Reviewed in-floor car lift control panel. The procedure for use of the lift was attached to the panel.</li><li>b. Reviewed mobile platform used for roof top maintenance. The procedure for use of the platform was attached to the platform.</li><li>c. Shop housekeeping, shop was clean and devoid of unnecessary tripping hazards.</li></ol></li></ol> The FWSO inspector did not note any defects.	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		



United States Department of Transportation  
Federal Transit Administration

Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181211-WMATA-WP-3		
	2018	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]
Inspection Location	L-Line, Pentagon (C07) to L'Enfant Plaza (F03), track 2						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing		Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 687					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No
Related Reports	N/A					Related CAPS / Findings		N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	MSRPH												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X						X				
Line(s)	C-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To				
							Pentagon Station (C07)		Pentagon Station (C07)				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 10:15:56 -0500
Inspector in Charge - Name Winslow Powell		Inspection Team Lee Emard			



United States Department of Transportation  
Federal Transit Administration

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

Inspection Activity #	2	Inspection Subject					Track Inspection			Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 687					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 17-1					Related CAPS / Findings		FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	TRST 1000 rev. 6													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	X		X						X					
Line(s)	L-Line	Track Number	Track 2	Chain Marker and/or Station(s)	From			To						
					Pentagon Station (C07)			L'Enfant Plaza (F03)						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											
Description	The FWSO inspector performed a track inspection with WMATA Compliance Crew from Pentagon Station (C07) to L'Enfant Plaza (F03).  <b>The following non-color-coded defect was noted:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM L2 71+20. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul>										Number of Defects		1	
											Recommended Finding?		No	
											Remedial Action Required?		No	
											Recommended Reinspection?		Yes	
Remedial Action	N/A													



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181211-WMATA-WP-4		
	2018	12	11				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	RTRA	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Red Line, Track 1, Union Station (B03) to Metro Center (A01)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Rules Compliance Observation			Activity Code		RTRA	RC	OBS
Job Briefing Employee Name/Title	N/A				Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0930-1715	Outside Shift	No	
Related Reports	N/A				Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard		Other / Title		Checklist Reference			
	RWPM		T-16-07										
	MSRPH												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X								X				
Line(s)	A and B-Lines	Track Number	Track 1		Chain Marker and/or Station(s)		From		To				
							Union Station (B03)		Metro Center (A01)				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

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

Inspector in Charge - Signature		Date	
		WINSLOW L. POWELL	
Inspector in Charge - Name Winslow Powell		Inspection Team Tamara Powell	

Digitally signed by WINSLOW L. POWELL  
Date: 2018.12.26 08:42:52 -05'00'



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	The FWSO inspector conducted an operator rules compliance observation of eight (8) trains on Track 1 from Union Station (B03) to Metro Center (A01).  FWSO inspector observed the Advanced Mobile Flagger (AMF) issue operating conditions and instructions to the train operators at Gallery Place (B01), Judiciary Square (B02), and Union Station (B03) stations.  The FWSO inspector observed train operators perform horn blasts when departing stations, comply with speed restrictions between stations and ensure train clearance was achieved when passing roadway crews.  <b>The FWSO inspector did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		



# Inspection 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	20181212-WMATA-WP-1		
	2018	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]
Inspection Location	J and C-Lines, Track 2, Van Dorn St (J02) to King St-Old Town (C13)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6287				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700-1400	Outside Shift	No	
Related Reports	N/A				Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X							X					
Line(s)	J-Line	Track Number	N/A		Chain Marker and/or Station(s)		From		To				
							Van Dorn St (J02)		Van Dorn St (J02)				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.18 14:26:34 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Alexander Nepa		





United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

<b>Description</b>	FWSO inspector received a job safety briefing from TRST 6287 at Van Dorn St station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection Observation					<b>Activity Code</b>	TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 6287		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0700-1400	<b>Outside Shift</b>	No	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 51.586 09/18										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
<b>Line(s)</b>	J & C Lines	<b>Track Number</b>	Track 2		<b>Chain Marker and/or Station(s)</b>		From				
			Van Dorn St (J02)				King St-Old Town (C13)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>FWSO inspector performed a track inspection between Van Dorn St (J02) to King St-Old Town (C13), track two.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 10.14:</b> At J2 640+50, emergency trip station (ETS) box J40 and electrical junction box did not have covers. See Figure 1 below.</li> <li><b>TRST 1000, 10.14:</b> At J2 639+40, an ETS electrical junction box J38 had a broken cover.</li> </ul> <p><b>Other notable observations:</b></p> <ul style="list-style-type: none"> <li>During the observation, between J2 616+25 and 616+30, on the left (low) rail, a gap measuring 5/8-inch was observed that was affecting seven consecutive fasteners. This condition allowed dynamic horizontal and vertical deflection, a step gauge was used to acquire exact measurements. See Figure 2 and 3 below.</li> <li>During the observation, on the aerial structure between J2 668+00 and 658+00, cracked and deteriorating fasteners were observed. See Figure 4 below.</li> </ul>						<b>Number of Defects</b>	2			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	<p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"> <li>WMATA must repair ETS Box J40 at J2 640+50.</li> <li>WMATA must repair ETS Box J38 at J2 639+40.</li> </ul>										



Photos:

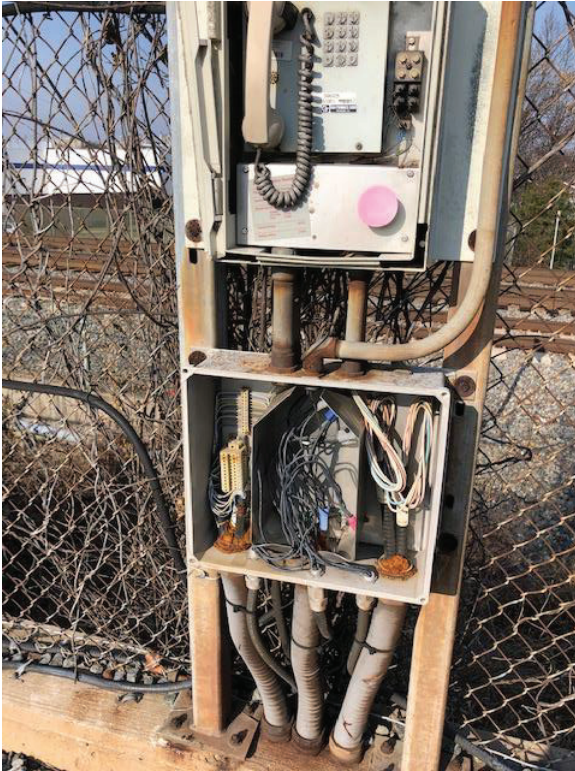


Figure 1: J2 640+50 broken covers on ETS phone and electrical junction box.



Figure 2: Between J2 616+25 and 616+36, a 5/8-inch gap between the base of the rail and the fastener plate. Step gauge used to obtain measurement.



**Figure 3:** Between J2 616+25 and 616+36, a 5/8-inch gap between the base of the rail and the fastener plate. Step gauge used to obtain measurement.



**Figure 4:** Between J2 668+00 and 658+00 on the aerial structure, failing fasteners were observed.



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181212-WMATA-WP-2		
	2018	12	12				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, Capital South (D05) Train Control Room (TCR) 303 to Eastern Market (D06) TCR 204, track 2						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing		Activity Code		ATC	JSB	OBS
Job Briefing Employee Name/Title	ATC 2367					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No
Related Reports	N/A					Related CAPS / Findings		N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	MSRPH												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
					X				X				
Line(s)	D-Line		Track Number	N/A	Chain Marker and/or Station(s)		From		To				
							Capital South (D05) TCR		Capital South (D05) TCR				
Vehicles	Head Car Number		Number of Cars		Equipment		N/A						
	N/A		N/A										

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

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 10:30:27 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		





United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from the WMATA ATC 2367 at Capital South (D05) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  The FWSO inspector did not note any defects.							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action		N/A									

Inspection Activity #	2	Inspection Subject					ATC Observation		Activity Code		ATC	RM	PI
Job Briefing Employee Name/Title	ATC #2367					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No
Related Reports	N/A					Related CAPS / Findings		N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard		Other / Title		Checklist Reference			
	ATC 3000, 3003 - Interlocking Inspection												
	ATC 1000-10012 TRACK CIRCUIT SHUNT VERIFICATION TEST												
	ATC 1000-1012D AF TRACK CIRCUIT RECEIVER OUTPUT TEST												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X				X				X				
Line(s)	D-Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To					
					Capital South (D05) TCR CM D2 107+00 D1/D2 CM 141+07			Eastern Market(D06) TCR CM D2 147+00 D1/D2 CM 147+00					
Vehicles	Head Car Number		Number of Cars		Equipment	N/A							
	N/A		N/A										
Description	The FWSO inspector observed WMATA ATC personnel perform track circuit shunt verification and unintended signal tests in accordance with the ATC 1000 manual - 1012C test and ATC 1000 manual - 1012D test respectively. FWSO inspector was in TCR 303. The track circuit shunt verification and unintended signal tests were done for 19 track circuits located wayside between CM D2 107+00 and CM D2 147+00.  The FWSO inspector also observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspector was stationed in TCR 204 from D1/D2 CM 141+07 to CM 147+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.  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	20181213-WMATA-WP-1		
	2018	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]
Inspection Location	J-Line, Franconia-Springfield (J03) to Van Dorn St (J03), track 2						

## Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	10				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	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 6287					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	MSRPH													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X					X						
Line(s)	J-Line	Track Number	N/A		Chain Marker and/or Station(s)			From		To				
								Franconia-Springfield (J03)		Franconia-Springfield (J03)				
Vehicles	Head Car Number		Number of Cars			Equipment	N/A							
	N/A		N/A											

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

Inspector in Charge - Signature		Date	
		WINSLOW L. POWELL <small>Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 10:34:25 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from the WMATA 6287. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspector did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject		Track Inspection Observation				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 601			Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No
Related Reports	Safety Directive 17-1			Related CAPS / Findings			CAP: FTA-TPE-17-021-A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard		Other / Title		Checklist Reference		
	TRST 1000 rev. 6											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A	
	X		X					X		X		
Line(s)	J-Line	Track Number		Track 2	Chain Marker and/or Station(s)		From		To			
							Franconia-Springfield (J03)		Van Dorn St (J02)			
Vehicles	Head Car Number		Number of Cars			Equipment		N/A				
	N/A		N/A									

Description	<p>The FWSO inspector observed a track inspection from Franconia-Springfield (J03) to Van Dorn St (J02).</p> <p><b>The following non-color-coded defects were noted:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 826+40. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 825+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 793+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 791+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 783+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 730+90. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 722+20. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 705+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 704+40. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM J2 694+80. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul>	Number of Defects	10
		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	20181215-WMATA-WP-1		
	2018	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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	A-Line, Track 1, Van Ness-UDC (A06) to Friendship Heights (A08)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6379				Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0800-1230	Outside Shift	Yes	
Related Reports	N/A				Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard			Other / Title		Checklist Reference			
	RWPM												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X								X				
Line(s)	A-Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To			
								Van Ness-UDC (A06)		Van Ness-UDC (A06)			
Vehicles	Head Car Number		Number of Cars		Equipment			N/A					
	N/A		N/A										

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

Inspector in Charge - Signature		Date	
		WINSLOW L. POWELL <small>Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 10:27:04 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Alexander Nepa		





United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

<b>Description</b>	<p>FWSO inspector received a job safety briefing from TRST 6379 at the Van Ness-UDC (A06) briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.</p> <p>The FWSO inspector did not note any defects.</p>	<b>Number of Defects</b>	0
		<b>Recommended Finding?</b>	No
		<b>Remedial Action Required?</b>	No
		<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>	N/A		

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection and Work Zone Set-Up Verification				<b>Activity Code</b>		TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 601		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1330	<b>Outside Shift</b>	Yes	
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	MSRPH, Section 5 Roadway Protection										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X								X		
<b>Line(s)</b>	A-Line	<b>Track Number</b>	Track 1	<b>Chain Marker and/or Station(s)</b>		From					
						Van Ness-UDC (A06)		Friendship Heights (A08)			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	<p>FWSO inspector performed a work zone set-up verification and track inspection between Van Ness-UDC (A06) and Friendship Heights (F08).</p> <p>The following non-color-coded defects were observed:</p> <ul style="list-style-type: none"> <li><b>MSRPH, 5.11:</b> During the observation, five WMATA roadway workers were observed in an active work zone without hard hats. Compliance officer addressed the issue with the employees.</li> </ul> <p>Other notable observation:</p> <ul style="list-style-type: none"> <li>During the observation, some Pandrol clips were over-driven. This was brought to the attention of the supervisor and the issue was corrected.</li> </ul>						<b>Number of Defects</b>	1			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
							<b>Recommended Reinspection?</b>	Yes			
<b>Remedial Action</b>	N/A										



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181216-WMATA-WP-1		
	2018	12	16				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Department	TKIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	D-Line, Track 1, Minnesota Avenue (D09) to Stadium Armory (D08)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 677				Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0800-1300	Outside Shift	Yes	
Related Reports	N/A				Related CAPS / Findings			N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard			Other / Title		Checklist Reference			
	RWPM												
	MSRPH												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X					X					
Line(s)	D-Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To			
								Minnesota Avenue (D09)		Minnesota Avenue (D09)			
Vehicles	Head Car Number		Number of Cars			Equipment	N/A						
	N/A		N/A										

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 10:43:44 -05'00'
Inspector in Charge - Name Winslow Powell		Inspection Team Alexander Nepa			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

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

<b>Inspection Activity #</b>	2	<b>Inspection Subject</b>	Track Inspection					<b>Activity Code</b>	TRK	WI	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 677		<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	0800-1300	<b>Outside Shift</b>	Yes	
<b>Related Reports</b>	Safety Directive 16-1		<b>Related CAPS / Findings</b>		CAP: R-2-18-A, R-2-19-A Remedial Action ID: 3189, 3124, 3122, 3188, 3187						
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
<b>Line(s)</b>	D-Line	<b>Track Number</b>	Track 1		<b>Chain Marker and/or Station(s)</b>		From				
							Minnesota Avenue (D09)		Stadium Armory (D08)		
<b>Vehicles</b>	Head Car Number		Number of Cars		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	FWSO inspector performed a remedial action verification and track inspection between Minnesota Avenue (A09) and Stadium Armory (D08) on track one.  <b>The following non-color-coded defect was noted:</b> <ul style="list-style-type: none"> <li><b>MSRPH 3.87:</b> At 0946 at D1 256+00, two work groups were in the designated place of safety on the center catwalk. Train approaching on track one sounded its horn, approached the work group, and stopped. Train head-unit number 7516 approached the work group on the adjacent track, passing at what appeared to be track speed, not affording the work groups adjacent track protection. Remedial Action for this defect is addressed in WMATA's approach to R-2-18-A and R-2-19-A.</li> </ul> <b>The following remedial actions were verified as complete:</b> <ul style="list-style-type: none"> <li>The four non-holding fasteners at D1 256+10 have been repaired.</li> <li>The defective fasteners on the left rail at D1 256+10 have been repaired.</li> <li>The defective fasteners on the left rail at D1 274+50 have been repaired.</li> <li>The three non-holding fasteners on the left rail at D1 297+50 have been repaired.</li> <li>The three non-holding fasteners on the left rail at D1 297+60 have been repaired.</li> </ul>						<b>Number of Defects</b>	1			
							<b>Recommended Finding?</b>	No			
							<b>Remedial Action Required?</b>	Yes			
								<b>Recommended Reinspection?</b>	Yes		
<b>Remedial Action</b>	N/A										



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181218-WMATA-WP-1		
	2018	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]
	[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	0				
Defects (Number)	0	3				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

## Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TRK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6202					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700-1500	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													
	MSRPH													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
			X					X						
Line(s)	F-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To						
					Southern Ave (F08)			Southern Ave (F08)						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 10:56:15 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Alexander Nepa		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspectors received a job safety briefing from TRST 6202 at Southern Avenue station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  <b>The FWSO inspector did not note any defects.</b>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Track Inspection					Activity Code	TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 6202		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0700-1500	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		CAP: FTA-16-4-T-9 Remedial Action ID: 2608, 2957						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
	RWPM 2014										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
Line(s)	F-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From						
					Southern Ave (F08)		Suitland (F10)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								
Description	<p>FWSO inspector performed a remedial action verification and track inspection between Southern Avenue (F08) and Suitland (F10) on track one.</p> <p><b>The FWSO inspector observed the following non-color-coded defects:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 3.1.2.2:</b> At F1 337+70 a blocked center drain has allowed water to back up onto the track bed. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li> <li><b>TRST 1000, 3.1.2.2:</b> At F1 339+80 a blocked center drain has allowed water to back up onto the track bed. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li> <li><b>TRST 1000, 3.1.2.2:</b> At F1 343+00 on the catwalk, a third rail power stub-up had water extruding out of it and draining onto the track bed. See Figure 1 below.</li> </ul> <p><b>The following remedial actions were verified as complete:</b></p> <ul style="list-style-type: none"> <li>The relay rail between F1 476+50 and 478+00 has been removed.</li> <li>The relay rail between F1 515+00 and 517+00 has been removed.</li> </ul>						Number of Defects	3			
							Recommended Finding?	No			
							Remedial Action Required?	Yes			
							Recommended Reinspection?	Yes			
Remedial Action	<p>To achieve compliance with WMATA standards:</p> <ul style="list-style-type: none"> <li>WMATA must install heat shrink cover on the stub-up at F1 343+00 to prevent water draining onto the track bed.</li> </ul>										

Photos:



**Figure 1:** At F1 343+00, water extruding from conduit stub-up draining onto the track bed.



# 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	20181218-WMATA-WP-2		
	2018	12	18				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	RTRA	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Blue Line, Tracks 1 and 2, Largo (G05) to Metro Center (C01)						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject				Operator Rules Compliance Observation			Activity Code		RTRA	RC	OBS
Job Briefing Employee Name/Title	N/A				Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	0930 - 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		T-16-07										
	MSRPH												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	X								X				
Line(s)	G and C Lines		Track Number	1 & 2	Chain Marker and/or Station(s)			From		To			
								Largo (G05)		Metro Center (C01)			
Vehicles	Head Car Number		Number of Cars			Equipment		N/A					
	N/A		N/A										

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

Inspector in Charge - Signature		Date	
		WINSLOW L. POWELL <small>Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 11:34:01 -05'00'</small>	
Inspector in Charge - Name Winslow Powell	Inspection Team Tamara Powell		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	The FWSO inspector conducted an operator rules compliance observation of four trains on tracks 1 and 2 from Largo (G05) to Metro Center (C01).  The FWSO inspector observed train operators perform horn blasts when departing stations, comply with speed restrictions between stations, and ensure train clearance was achieved when passing roadway crews.  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	20181218-WMATA-WP-3		
	2018	12	18				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	G-Line, Largo Town Center (G05) Train Control Room (TCR) track 2, CM G2 589+00 to CM G2 683+00						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		ATC	JSB	OBS
Job Briefing Employee Name/Title	ATC 2272					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title		Checklist Reference			
	MSRPH													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
					X			X						
Line(s)	G-Line		Track Number	N/A	Chain Marker and/or Station(s)			From		To				
								Largo Town Center (G05) TCR		Largo Town Center (G05) TCR				
Vehicles	Head Car Number		Number of Cars			Equipment	N/A							
	N/A		N/A											

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2019.01.03 10:21:28 -05'00'
Inspector in Charge - Name	Winslow Powell	Inspection Team	Lee Emard		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from the WMATA ATC 2272 at Largo Town Center Station (G05) Train Control Room (TCR). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  The FWSO inspector did not note any defects.	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	ATC Observation				Activity Code	ATC	RM	PI						
Job Briefing Employee Name/Title	ATC #2272			Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No					
Related Reports	Safety Directive 17-1			Related CAPS / Findings	CAP: FTA-TPE-17-021-A											
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference								
	ATC 1000-1012B-2B Power Frequency (AC) Test															
	ATC 1000-10012 TRACK CIRCUIT SHUNT VERIFICATION TEST															
	ATC 1000-1012D AF TRACK CIRCUIT RECEIVER OUTPUT TEST															
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)	G-Line	Track Number	Tracks 1 and 2	Chain Marker and/or Station(s)	From			To								
					Largo Town center (G05) TCR CM G2 589+00 G1/G2 CM 618+00			Largo Town Center(G05) TCR CM G2 683+00 G1/G2 CM 623+00								
Vehicles	Head Car Number		Number of Cars		Equipment	N/A										
	N/A		N/A													
Description	The FWSO inspector observed WMATA ATC personnel perform track circuit shunt verification and unintended signal tests in accordance with the ATC 1000 manual - 1012C test and ATC 1000 manual - 1012D test respectively. FWSO inspector was way side. The track circuit shunt verification and unintended signal tests were done for 15 track circuits located wayside between G2 589+00 and G2 683+00.  The FWSO inspector also observed WMATA ATC personnel perform a Power Frequency (AC) test tracks 1 and 2 in the (G05) interlocking G2 618+00 to G2 623+00.  The following non-color-coded defect was noted: <ul style="list-style-type: none"><li>TRST 1000, 13.5.7: Third rail was missing coverboard at G2 618+10. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li></ul>	Number of Defects		1												
		Recommended Finding?		No												
		Remedial Action Required?		No												
		Recommended Reinspection?		Yes												
Remedial Action	N/A															



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

Inspection Date	YYYY	MM	DD	Report Number	20181219-WMATA-WP-1		
	2018	12	19				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	E-Line, Track 1, West Hyattsville (E07) to Fort Totten (E06)						

**Inspection Summary**

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

**Activity Summaries**

Inspection Activity #	1	Inspection Subject					Job Safety Briefing			Activity Code		TP	JSB	OBS
Job Briefing Employee Name/Title	Power unit 1126					Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000-1400	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference					
	RWPM		R-17-02											
	MSRPH		R-17-03											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	X							X						
Line(s)	E-Line	Track Number	N/A	Chain Marker and/or Station(s)	From			To						
					West Hyattsville (E07)			West Hyattsville (E07)						
Vehicles	Head Car Number		Number of Cars		Equipment	N/A								
	N/A		N/A											

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

Inspector in Charge - Signature		WINSLOW L. POWELL		Date	Digitally signed by WINSLOW L. POWELL Date: 2018.12.26 11:00:47 -05'00'
Inspector in Charge - Name Winslow Powell		Inspection Team Alexander Nepa			



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from Power unit 1126, the roadway worker in charge (RWIC), at West Hyattsville (E07) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  The FWSO inspector did not note any defects.							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action	N/A										

Inspection Activity #	2		Inspection Subject				Third Rail and Cable Inspection Observation			Activity Code		TP		WI		OBS				
Job Briefing Employee Name/Title	Power unit 1126				Accompanied Inspector?		Yes		Out Brief Conducted		Yes		Time		1000-1400		Outside Shift		No	
Related Reports	Safety Directive 17-1				Related CAPS / Findings		FTA-TPE-17-021-A													
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title			Checklist Reference								
	DD-TP-SSI-013																			
	EMI 220172																			
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											
					West Hyattsville (E07)				Fort Totten (E06)											
Vehicles	Head Car Number		Number of Cars		Equipment	N/A														
	N/A		N/A																	
Description	FWSO inspector observed WMATA power employees perform a power cable inspection between West Hyattsville (E07) and Fort Totten (E06), track one. Inspector also observed third rail and track conditions.  The following non-color-coded defects were observed: <ul style="list-style-type: none"><li>EMI 220172: At E1 347+50 standing water and mud was observed under the third rail power cables. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li><li>EMI 220172: At E1 326+40 standing water and mud was observed under the third rail power cables. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li><li>EMI 220172: At E1 513+20 a broken third rail orange boot was observed.</li></ul>							Number of Defects		3										
								Recommended Finding?		No										
								Remedial Action Required?		No										
								Recommended Reinspection?		Yes										
Remedial Action	To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"><li>WMATA must replace the broken power cable boot at E1 513+20.</li></ul>																			



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20181219-WMATA-WP-2		
	2018	12	19				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	TRST	<b>Sub- Department</b>	TKIN
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	F-Line, Anacostia (F06) to Congress Heights (F07), track 1						

**Inspection Summary**

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

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>					Job Safety Briefing		<b>Activity Code</b>		TRK	JSB	OBS
<b>Job Briefing Employee Name/Title</b>	TRST 621					<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	1000 to 1400	<b>Outside Shift</b>	No
<b>Related Reports</b>	N/A					<b>Related CAPS / Findings</b>		N/A					
<b>Related Rules, SOPs, Standards, or Other</b>	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	MSRPH												
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A		
			X						X				
<b>Line(s)</b>	F-Line		<b>Track Number</b>	N/A	<b>Chain Marker and/or Station(s)</b>		From		To				
							Anacostia (F06)		Anacostia (F06)				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A						
	N/A		N/A										

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

<b>Inspector in Charge - Signature</b>		<b>Date</b>
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2019.01.03 10:24:17 -05'00'
<b>Inspector in Charge - Name</b> Winslow Powell	<b>Inspection Team</b> Lee Emard	



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from the WMATA 621. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspector did not note any defects.</b>								Number of Defects		0
									Recommended Finding?		No
									Remedial Action Required?		No
									Recommended Reinspection?		No
Remedial Action		N/A									

Inspection Activity #	2	Inspection Subject	Remedial Action Verification				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 621		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	Safety Directive 17-1		Related CAPS / Findings		Remedial Action ID: 2248, 3177, 3178, 1438 CAP: FTA-TPE-17-021-A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000 rev. 6										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X		X						X		
Line(s)	F-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To			
					Anacostia (F06)			Congress Heights (F07)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

Description	<p>The FWSO inspector performed a remedial action verification with WMATA compliance crew from Anacostia Station (F06) to Congress Heights Station (F07). Inspector also inspected track conditions in the area. During inspection four defects were verified as complete.</p> <p><b>The following non-color-coded defect was noted:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM F1 198+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul> <p><b>The following remedial actions were verified as complete:</b></p> <ul style="list-style-type: none"> <li>WMATA repaired the broken frog wedge plate at F1 192+14 F06 -1A frog.</li> <li>WMATA replaced the defective fasteners at F1 202+30.</li> <li>WMATA replaced the defective fasteners at F1 203+35</li> <li>WMATA repaired the emergency trip station (ETS) light at Congress Heights Station (F07) track 1, box F-87.</li> </ul>								Number of Defects		1
									Recommended Finding?		No
									Remedial Action Required?		No
									Recommended Reinspection?		Yes
Remedial Action		N/A									



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20181220-WMATA-WP-1		
	2018	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]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	F-Line, Archives (F02) to L'Enfant Plaza (F03), track 1						

## Inspection Summary

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

## Activity Summaries

Inspection Activity #	1	Inspection Subject	Job Safety Briefing				Activity Code	TRK	JSB	OBS	
Job Briefing Employee Name/Title	TRST 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No	
Related Reports	N/A		Related CAPS / Findings		N/A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	MSRPH										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X						X		
Line(s)	F-Line	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						Archives (F02)		Archives (F02)			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A					
	N/A		N/A								

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

Inspector in Charge - Signature		Date	
WINSLOW L. POWELL		Digitally signed by WINSLOW L. POWELL Date: 2019.01.03 10:26:31 -05'00'	
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard		



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

Description	FWSO inspector received a job safety briefing from the WMATA 677. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.  <b>The FWSO inspector did not note any defects.</b>										Number of Defects		0
											Recommended Finding?		No
											Remedial Action Required?		No
											Recommended Reinspection?		No
Remedial Action		N/A											

Inspection Activity #	2	Inspection Subject	Remedial Action Verification					Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	TRST 677		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400	Outside Shift	No		
Related Reports	Safety Directive 17-1		Related CAPS / Findings		Remedial Action ID: 3213, 3212 CAP: FTA-TPE-17-021-A							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference				
	TRST 1000 rev. 6											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A	
	X		X						X			
Line(s)	F-Line	Track Number	Track 1	Chain Marker and/or Station(s)	From			To				
					Archives (F02)			L'Enfant Plaza (F03)				
Vehicles	Head Car Number		Number of Cars		Equipment	N/A						
	N/A		N/A									

Description	The FWSO inspector performed a remedial action verification with WMATA compliance crew from Archives station (F02) to L'Enfant Plaza (F03). Inspector also inspected track conditions in the area. During inspection two defects were verified as complete.  <b>The following non-color-coded defect was noted:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM F1 042+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul> <b>The following remedial actions were verified as complete:</b> <ul style="list-style-type: none"> <li>WMATA repaired the broken hand rail at F1 038+00.</li> <li>WMATA tightened the heal block bolts at F1 043+00.</li> </ul>										Number of Defects		1
											Recommended Finding?		No
											Remedial Action Required?		No
											Recommended Reinspection?		Yes
Remedial Action		N/A											