

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	20190201 \	// ATA \/	VD 1					
inspection Date	2018	02	01	Report Number	20180201-WMATA-WP-1							
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN				
	Name			Email	Office Phone		N	Nobile Phone				
Rail Agency Department Contact Information												
Inspection Location	C- and K- Lin	C- and K- Lines, Track 1, Rosslyn (C05) to Court House (K01)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspect	tion Sub	ject	Job Safe	ety Brief	fing			Activity Co	ode	TR	ιK	JSB	OBS
Job Briefing Employee Name/Title	TRST	601				Accor Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes Time		1000- 1300		Outside Shift	No
Related Reports	N/A	N/A					Related CAPS / Findings N/A								
	Ref	Ref Rule or SO						Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	M													
Standards, or other															
	Mai Trac	,	Yard	Statio	on C	осс	RTA Facility	FTA Office	T	At-grade Tunnel		nnel	nel Elevated		N/A
Inspection Location				Х					Track Type			Х			
Line(a)	Clim		Track		NI/A		Chain Ma	rker			То				
Line(s)	C-Line	2	Numbe	er	N/A		and/or St	ation(s)	Rosslyn (C05)	osslyn (C05)		Rosslyn (C05)			
	Hea	d Car Nu	umber	N	lumber o	of Cars	Equipment				•				•
Vehicles		N/A			N/A				N/A						

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWEL DN: c=US, o=U.S. Government, ou=FTA Date: 2018.02.06 08:34:35 -05'00'	HQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Anthony Johnson, Alexander Nepa		

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United States Department of Transportation Federal Transit Administration

	FWSO inspectors received a job safety briefing from TRST 601 at Rosslyn station	Number of Defects	0
	platform (CO5) prior to entering the roadway. The briefing covered the type of on- track protection, the working limits, where to clear, known hazards and hotspots,	Recommended Finding?	No
Description	the safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Remedial Action	N/A																
Inspection Activity #	2	Inspe	ction Sub	ject	Reme	edial Actio	n Verifica	tion		Activity Co	ode	TF	RK	WI	OBS		
Job Briefing Employee Name/Title	TRST 6	501		·			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100		Outside Shift	No		
Related Reports	20170	725-W	/MATA-AC	6-1		Relat	ted CAPS /	Findings	Remedial Act	tion ID #: 1471, 1472							
	Ref			1	Rule o	or SOP		Standard		Other / 1	itle		Check	dist Refer	ence		
Related Rules, SOPs, Standards, or Other	TRST-:	1000, r	ev. 6														
Inspection Location	Main Track Yard Station					осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A		
mspection Location	Х								Track Type			Х					
Line(s)	C- and	l K-	Track		Trac	·k 1	Chain M			From				То			
(0)	Lines		Numbe	er	1140	1	and/or S	tation(s)	Rosslyn (C05))		Cour	t House	(K01)			
Vehicles	Head Car Number Number of Cars N/A N/A Equipment N/A																
	FWSO	inspec	ctors acco	mpani	ed WI	MATA con	npliance p	ersonnel bety	ween Rosslyn	Number	of Defect	ts			3		
		(C05) and Court House (K01) to inspect track conditions and follow-up on previously reported remedial actions.									ended Fi	nding?			No		
	previo										I Action I	Require	ed?		Yes		
Description		TI cc ai bi TI bi	ontinuous nd the cat elow. RST 1000, etween K	10.17 welde walk, v 10.15 1 150+	.4.1: End rail which : Poor 00 and	Between k was lying created a tunnel lig d K1 192+	between to trip-and-fighting controls.	and 160+20 i the field side	of the track ee figure one observed								
	The fo	broken. Other Notable Observation: The third rail end approach at K1 195+10 appeared too high. Eight broken collector shoes were observed in the immediate area. The following remedial actions were verified as complete: Remedial Action ID #1471: WMATA has replaced broken frog bolts on switch one at C1 147+00. Remedial Action ID #1472: WMATA has replaced missing Pandrol clips at C1 147+00.											Yes				
Remedial Action		• W	VMATA m	ust ren ust rep	nove to	the relay i e lighting	rail betwee between l	en K1 148+00 K1 150+00 an rm at K1 161									

Photos

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Figure 1: Relay rail tripping hazard at K1 148+00.



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United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20190202 \	// ATA W	VD 1				
inspection bate	2018	02	02	Report Number	20180202-WMATA-WP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	partment				
		Name		Email	Office Phon	e	N	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	Pentagon (C										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspecti	ion Subj	ject	Job Safe	ety Brie	fing			Activity Co	ode	TF)	JSB	OBS	
Job Briefing Employee Name/Title	WMA	TA RWIC				Acco	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	010 050	-	Outside Shift	Yes	
Related Reports	N/A	N/A					Related CAPS / Findings N/A									
	Ref	Ref Rule or S						Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPI	VPM														
Standards, or other	MSRP	PΗ														
	Mai Trac	l Y	ard	Statio	on (осс	RTA Facility	FTA Office	T	At-grade	At-grade Tunnel		Ele	evated	N/A	
Inspection Location	Х								Track Type			Х				
Line (a)	Clina		Track		NI/A		Chain Ma	rker	From			То				
Line(s)	C-Line	2	Numbe	er	N/A		and/or St	ation(s)	Pentagon (CO	entagon (C07)		Pentagon (CO7)				
	Hea	d Car Nu	mber	N	lumber (of Cars	Equipment			•					•	
Vehicles		N/A			N/A	1			N/A							

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: C=US, 0=U.S. Government, ou=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL Date: 2018.02.06 0823:50 - 0000000000000000000000000000000000
Inspector in Charge – Name	Inspection Team	——————————————————————————————————————
Winslow Powell	Tino Sahoo	





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

Inspection Activity #	2 I	nspection Su	bject	Cable	Replacen	nent Obsei	vation		Activity Co	ode	TI	Р	RM	OBS
Job Briefing Employee Name/Title	WMATA	A RWIC			Accor Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	010 050		Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref			Rule or	SOP		Standard		Other / 1	itle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE (REVISION 2, SEPTEMBER 16, 2016)													
Inspection Location	Main Track	Yard	Sta	tion	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	vated	N/A
inspection Location	Х							паск туре		Х				
lino/o\	C-Line	Track		Track	. 1	Chain Marker		From			То			
Line(s)	C-Line	Numb	er	ITACK	. 1	and/or St	ation(s)	C1 278+00	C1 278+00					
	Head	Car Number		Number	r of Cars					/		-1		
Vehicles		N/A		N,	/A	Equip	ment	Positive Feed	er Cable Pig	tails (100	OMCM	, 2kV)		
		SO inspector							Number	of Defec	ts			0
		tors replacing . During the i							Recomm	ended Fi	nding?			No
		_				•		ruction (EMI)	Remedia	l Action	Require	ed?		No
Description	September 1	5, 201	I Transition Power Cables Replacement System Wide 6). ot note any defects.					Recommended Reinspection?					No	
Remedial Action	N/A								II.					



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United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20180202-WMATA-WP-2						
inspection Date	2018	02	02	Report Number							
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	TKIN			
		Name		Email	Office Phone	e	N	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	C- and K-Line	and K-Lines, track 2, Court House (K01) to Rosslyn (C05)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subj	ect	Job Safe	ety Brie	fing			Activity Co	ode	TR	ιK	JSB	OBS
Job Briefing Employee Name/Title	TRST 6	01			Accor	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 130		Outside Shift	No
Related Reports	N/A				Related CAPS / Findings N/A									
21.121.002	Ref			Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refere	ence
Related Rules, SOPs, Standards, or Other	RWPM													
Community or Content														
lucus ation I a sation	Main Track	Yard	Stati	on C	осс	RTA Facility	FTA Office	Tue els Trues	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			Х					Track Type			X			
Lima/a)	K-Line	Track		NI/A		Chain Ma	rker		From		То			
Line(s)	K-Line	Numbe	er	N/A		and/or St	ation(s)	Court House	(K01)		Court	t Hous	se (K01)	
W.P.J.	Head	Car Number	1	Number c	of Cars									
Vehicles		N/A		N/A		Equipment		N/A						

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Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou=DO Date: 2018.02.06 15:11:13 -05'00'	T Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Alexander Nepa		





	FWSO inspectors received a job safety briefing from TRST 601 at Court House	Number of Defects	0
	(K01) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
	and hotspots, the safety rule of the day, the location of the nearest hospital, and	Remedial Action Required?	No
Description	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID. The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Subje	ct	Remedi	al Actio	on Verificati	on		Activity Co	ode	TF	RK	WI	OBS
Job Briefing Employee Name/Title	TRST	501					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100	00- 00	Outside Shift	No
Related Reports	N/A					Relat	ted CAPS / I	Findings	N/A		•				
Deleted Delete CODe	Ref Rule				Rule or S	OP		Standard		Other / T	itle		Che	cklist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST-1000, rev. 6														
Inspection Location	Mair Trac		Yard	Stati	ion C	ОСС	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Ele	evated	N/A
mspection Location	х								Track Type			X			
Line(s)	K and Lines	C-	Track Number		Track 2	!	Chain Marker and/or Station(s)		Court House	From (K01)	To Rosslyn (C05)				
Vehicles	Hea	d Car N/	Number /A	ı	Number of Cars N/A Equipment N/A										
							compliance personnel between Court				of Defect	is			4
		•	, ,	,	, .	to inspect track conditions and follow up on ons. The FWSO inspector was unable to close any				Recommended Finding?					No
		,	ctions in the				o mopeoto		to diose any	Remedial Action Required					Yes
Description		 TRST 1000, 10.17.4.1: At K2 151+60, there was relay rail presenting a trip-and-fall hazard. TRST 1000, 13.3.13: At K2 188+70, the third rail anchor arm was broken. TRST 1000, 3.2.1.2: The center track catch basin at K2 170+40 was blocked and not working as designed. TRST 1000, 10.15: Poor lighting conditions exist between Court House (K01) and Rosslyn (C05), track 2. 										Yes			
Remedial Action			WMATA mu	st re st re st cle	move the place the ean out th	relay i broker ne cent	rail at K2 15 n third rail a er catch bas	inchor arm a sin at K2 170	nt K2 188+70. 0+40. ouse (K01) and F	Rosslyn (CO5	1				

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United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20180203-WMATA-WP-1						
inspection Date	2018	02	03	Report Number							
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	TKIN			
	Name			Email	Office Phone	e	N	Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	D-Line, track	ne, track 1, Deanwood (D10) to Cheverly (D11)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 1	nspection Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS	
Job Briefing Employee Name/Title	TRST 64	164			Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	070 130		Outside Shift	Yes	
Related Reports	201611	09-WMATA-A	D-2		Relat	Related CAPS / Findings Remedial Action				ction ID #: 1023					
21.121.002	Ref			Rule or S	ЮР		Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPM														
lucusation Location	Main Track	Yard	Stati	ion (осс	RTA Facility	FTA Office	Tue els Toure	At-grad	e Tui	nnel	Ele	evated	N/A	
Inspection Location			Х					Track Type	Х						
Lina(a)	D-Line	Track		NI/A		Chain Ma	rker		From		То				
Line(s)	D-Line	Numb	er	N/A		and/or St	ation(s)	Deanwood (D)10)		Dean	wood	(D10)		
W.L.L.	Head	Car Number		Number o	lumber of Cars			21/2							
Vehicles		N/A		N/A	1	Equipment		N/A							

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sufficient und effective.			
Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou=D Date: 2018.02.08 10:03:40 -05'00'	OT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Alexander Nepa		





	FWSO inspectors received a job safety briefing from TRST 6464 at Deanwood	Number of Defects	1
	(D10) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
	and hotspots, the safety rule of the day, the location of the nearest hospital, and	Remedial Action Required?	Yes
Description	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID. The following non-color-coded defect was observed: • RWPM 2014, 2.7: RWIC acting as watchman lookout did not use an air horn or whistle when warning the work group of oncoming trains. Remedial action for this defect is addressed in WMATA's approach to	Recommended Reinspection?	No
Remedial Action	remedial action ID #1023. N/A		

Inspection Activity #	2	nspectio	on Subjec	t Tr	ack W	alker (Observation	l		Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	TRST 6	164		·		Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	070 130	-	Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A						,				
	Ref Rule o					OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-1000, rev. 6														
Standards, or Other															
languation to action	Main Track	Ya	ird S	tation	ation O0		RTA Facility	FTA Office	Tuesda Tarres	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location	Х								Track Type	х			Х		
Line(s)	D-Line		Track	Т	rack 1		Chain Ma			From				То	
			Number				and/or St	ation(s)	Deanwood (D10) Cheverly (D11)						
Vehicles	Head	Car Nun	nber	Nun	nber o	of Cars	Equip	mont	N/A						
venicies		N/A			N/A		Equip	ment	IN/A						
								tractors perf		Number	of Defect	ts			1
							en Deanwo tions in the	od (D10) and	d Cheverly	Recomm	ended Fi	nding?			No
Bereitetter	(011).	пэресто	13 0130 111.	speciel	Itiack	Condi	tions in the	arca.		Remedia	l Action I	Require	d?		Yes
Description	The following non-color-coded defect was observed: • TRST 1000, 13.3.14: At D1 402+00, the end approach cover board was missing. Recommended Reinspection?										Yes				
Remedial Action	To achi		•				irements:	oach cover b	ooard at D1 402	+00.					

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United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20180205-WMATA-WP-1						
inspection Date	2018	02	05	Report Number	20180203-WWATA-WF-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN			
	Name			Email	Office Phone	e	N	Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location A-Line, track 1, Woodley Park (A04) to Tenleytown (A07)											

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspe	ction Sub	ject	Job Safe	ty Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	TRST 6287					npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 130		Outside Shift	No
Related Reports	20161109-WMATA-AD-2					Related CAPS / Findings Remedial Action				Action ID #: 1023					
	Ref Rule or S					ОР		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	VI													
luonostion Location	Mai Trac		Yard	Yard Statio		СС	RTA Facility	FTA Office	Tue els Toure	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type			Х			
Lino(s)	A-Lin	•	Track		N/A		Chain Ma	rker		From		То			
Line(s)	A-LIII	е	Numbe	er	IV/A		and/or St	ation(s)	Woodley Parl	(A04)		Wood	dley P	ark (A04)	
Walterland	Hea	d Car N	lumber	1	Number of Cars				21/2						
Vehicles		N/A N/A				Equip	ment	N/A							

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Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou=Date: 2018.02.08 12:16:36 -05'00'	OOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Alexander Nepa		





	FWSO Inspector received a job safety briefing from TRST 6287 at Woodley Park	Number of Defects	1
	(A04) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
	and hotspots, the safety rule of the day, the location of the nearest hospital, and	Remedial Action Required?	No
Description	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID. The following non-color-coded defect was observed: • RWPM 2014, 2.7: The advance watchman lookout did not use an air	Recommended Reinspection?	No
	horn or whistle when warning the work group of oncoming trains. Remedial action for this defect is addressed in WMATA's approach to remedial action ID #1023.		
Remedial Action	N/A		

Inspection Activity #	2	Inspection	on Subje	ect	Track	Walker C	bservati	on		Activity C	ode	TF	RK	WI	OBS	
Job Briefing Employee Name/Title	TRST 6	6287					Accompanied Yes		Out Brief Conducted	Yes	Time	100 13		Outside Shift	No	
Related Reports	N/A					Relat	Related CAPS / Findings N/A									
	Ref				Rule or	SOP		Standard	'	Other / Title				Checklist Reference		
Related Rules, SOPs, Standards, or Other	TRST-1000, rev. 6															
Inspection Location	Main Yard Sta		Statio	on	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	vated	N/A		
inspection Location	Х								Track Type			X				
12 - 4-1	A 11.	Track				4	Chain N	1arker		From	· ·			То		
Line(s)	A-Line Number Track 1				(1	and/or	Station(s)	Woodley Par	(A04) Ten			nleytown (A07)				
Vehicles	Head	d Car Nun N/A	nber	Ν		r of Cars	Equ	ipment	N/A							
	FWSO	FWSO Inspector observed WMATA employees and contractors perform a track									of Defec	ts			5	
								ley Park (A04)		Recommended Finding?					No	
	Tenley	ytown (At)/). Insp	ector	rs also i	nspected	track co	nditions in the	area.	Remedia	Remedial Action Required?				Yes	
Description		TRST 1000, 10.17.4.1: Between A1 135+00 and 138+00, there was relay rail in the gauge and between the outside rail and catwalk. TRST 1000 13.3.14: At A1 172+60, the end approach cover board was missing. TRST 1000 10.18: At the A1 187+03 vent shaft, there was a three-phase electrical disconnect without a cover. TRST 1000 13.3.14: At A1 206+60, the end approach cover board was missing. TRST 1000 3.2.2.4: At A1 213+30 there was a tunnel leak onto the											Yes			
Remedial Action		third rail cover board. See figure 1 below. achieve compliance with WMATA's requirements: WMATA must collect the relay rail between A1 135+00 and 138+00. WMATA must install the missing end approach third rail cover board at A1 172+60. WMATA must install a cover on the three-phase electrical disconnect at A1 187+30 vent shaft. WMATA must install the missing end approach third rail cover board at A1 206+60. WMATA must repair the tunnel leak at A1 213+30.														

Photo



Figure 1: Corroded third rail and cover board from tunnel leak at A1 213+30.



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	20180206-WMATA-WP-1							
inspection bate	2018	02	06	Report Number								
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	TKIN					
Rail Agency Department		Name		Email	Office Phone			Mobile Phone				
Contact Information												
Inspection Location	B-Line, track 1, between Takoma (B07) and Rhode Island Avenue (B04)											

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	nspection Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	lK.	JSB	OBS	
Job Briefing Employee Name/Title	TRST 6	TRST 6241				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	070 133	-	Outside Shift	No	
Related Reports	20161109-WMATA-AD-2					Related CAPS / Findings Remedial Action				l Action ID #: 1023					
	Ref	Ref Rule or SOP					Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPM														
lucusation Location	Main Track	Yard	Stati	ion (осс	RTA Facility	FTA Office	Tue els Toure	At-grad	e Tui	nnel	Ele	evated	N/A	
Inspection Location			Х					Track Type	Х						
Lino(s)	B-Line	Track		N/A		Chain Ma	rker	From			То				
Line(s)	p-rille	Numb	er	IV/A		and/or St	ation(s)	Takoma (B07)		Takoi	ma (B	07)		
Walterland	Head	Car Number		Number o	Number of Cars			21/2					·		
Vehicles		N/A	N/A			Equipment		N/A							

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=U5, o=U.5. Government, ou=FTAHQ, ou=DOT Date: 2018.02.08 08:34:39 -05'00'	Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team	·	
Winslow Powell	Anthony Johnson & Alexander Nepa		

2



United States Department of Transportation Federal Transit Administration

	FWSO inspectors received a job safety briefing from TRST 6241 at Takoma (B07)	Number of Defects	2							
	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	Recommended Finding?	No							
	hotspots, the safety rule of the day, the location of the nearest hospital, and a	Remedial Action Required?	Yes							
Description	 check of personal protective equipment (PPE) and roadway worker protection (RWP) ID. The following non-color- coded defects were observed: RWPM 2014, 2.7: The advance watchman assigned to the work group did not use an air horn or whistle when warning of oncoming trains. Remedial action for this defect is addressed in WMATA's approach to remedial action ID #1023. P.O. 17-02: WMATA lists the following locations as red zones requiring foul time: between B1 334+50 and 350+00, B1 302+00 and 323+00, and B1 282+00 and 293+00 and foul time was not obtained. 	Recommended Reinspection?	Yes							
Remedial Action	To achieve compliance with WMATA requirements: • WMATA must ensure employees comply with RWPM requirements during inspection.									

										0 1						
Inspection Activity #	2	Insp	ection Subje	ct	Track V	/alker (Observatio	n		Activity Co	ode	TF	RK	WI	OBS	
Job Briefing Employee Name/Title	TRST	6241					ector?	Yes	Out Brief Conducted	Yes	Time	070		Outside Shift	No	
Related Reports	N/A					Rela	ted CAPS /	Findings	N/A							
	Ref				Rule or S	SOP		Standard		Other / T	itle		Che	cklist Refe	rence	
Related Rules, SOPs, Standards, or Other	TRST-1000, rev. 6															
Inspection Location		Main Yard Station		on (occ	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	evated	N/A		
mspection zocation	х								ridek Type	х		X		Х		
Line(s)	B-Line	`	Track		Track :	1	Chain M	arker		From	·			То		
Lille(S)	D-LIII		Number		IIdck .	L	and/or S	tation(s)	Takoma (B07)		Rhod	le Islar	nd Avenue	(B04)	
Vehicles	Hea	d Car	Number	١	Number	of Cars	Faui	oment	N/A							
venicles		N/	A		N/A	A	Equi	Jillelit	IN/A							
								spection per		Number	of Defect	:s			4	
	inspe		, ,	anu	Kiloue is	land Avenue (B04) on a bi-weekly frequency				Recomm	ended Fi	nding?			No	
										Remedial Action Required?					Yes	
Description		Per following non-color-coded defects were observed: TRST 1000, 13.3.14: At B1 172+20 at the A1 switch, the end approach cover board was missing. TRST 1000, 13.3.13: At B1 275+40, the third rail anchor arm was disconnected. TRST 1000, 13.3.10 At B1 269+00, the third rail insulator was overturned and not holding as designed. See figure 1 below. TRST 1000, 3.2.2.6: On the aerial structure at B1 169+40, the catwalk the trough cover was missing. See figure 2 below.											Yes			
Remedial Action		achieve compliance with WMATA's requirements: WMATA must reinstall the missing end approach cover board at B1 172+20, A1 switch. WMATA must repair the third rail anchor arm at B1 275+40. WMATA must repair the overturned third rail insulator at B1 269+00. WMATA must replace the center catwalk trough cover at B1 169+40														

Photos

Form FTA-IR-1
Version date: 8/26/

Version date: 8/26/16



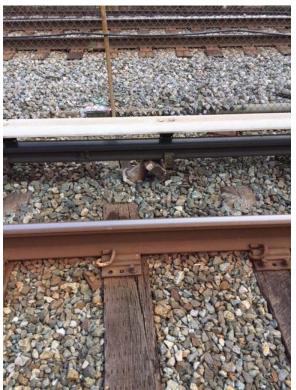


Figure 1: Third rail insulator at B1 269+00



Figure 2: Missing trough plate at B1 169+40



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	20180206-WMATA-WP-2					
inspection Date	2018	02	06	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN		
	Name			Email	Office Phon	е	N	Nobile Phone		
Rail Agency Department Contact Information										
Inspection Location	D-Line, track	s 1 and 2, Cap	ital South (D05) to Eastern Market (D00	6)					

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS	
Job Briefing Employee Name/Title	TRST 68	87			Accor	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No	
Related Reports	N/A				Relate	ed CAPS / F	indings	N/A							
	Ref			Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPM														
Standards, or other															
	Main Track	Yard	Stati	ion C	осс	RTA Facility	FTA Office		At-grade	e Tu	nnel	Ele	evated	N/A	
Inspection Location			Х					Track Type			Χ				
Line(s)	D-Line	Track		N/A		Chain Ma	rker		From	·	То				
Lille(s)	ט-נווופ	Numbe	er	IN/A		and/or Sta	ation(s)	Capitol South	(D05)		Capit	ol Sou	ıth (D05)		
.,	Head	Car Number		Number c	of Cars			21/2		•	•			•	
Vehicles		N/A		N/A	N/A		Equipment		N/A						

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, c=US. Government, ou=FAHQ, ou=DQT Headquarters, cn=WINSLOW L. POWELL Date: 2018.02.08 to 115-44-0500*
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Lee Emard	





	FWSO Inspector received a job safety briefing from TRST 687 at Capital South	Number of Defects	0
	(D05) 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	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2 I	nspection Su	bject	Reme	edial Acti	on Verific	ation		Activity C	ode	TF	RK	WI	PI
Job Briefing Employee Name/Title	TRST 68	7				ompanied ector?	Yes	Out Brief Conducted	Yes	Time	1000		Outside Shift	No
Related Reports		28-WMATA-/ 27-WMATA-/			Rela	Related CAPS / Findings Remedial Action				ion ID #: 1672, 1671, 1670, 1481				
Deleted Delete CODe	Ref			Rule o	r SOP		Standard		Other /	Title		Check	list Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-10	000 rev. 6												
Inspection Location	Main Track	Yard	Stat	tion	ОСС	RTA Facility	FTA Office	Track Type	At-grad	le Tu	innel	Elev	ated	N/A
mspection Location	Х		×	<				Track Type			Χ			
Line(s)	D-Line	Track		Trac		Chain N			From	<u>'</u>			То	
		Num		and			Station(s)	Capitol South (D05) Eastern Market (ket (D06)	
Vehicles	Head	Head Car Number												
		nspector obs				Number	of Defec	ts			1			
		tracks 1 and 2 of the D-Line between Capitol South (D05) and Eastern Market (D06). Inspectors also inspected track conditions and followed up on previously issued remedial actions.									inding?)		No
	issued r										Remedial Action Required?			
Description	•	The following color-coded defect was noted: • TRST 1000, Table 7.1: There were three consecutive defective fasteners in 90 inches at D1 117+90. Yellow Condition. The following remedial actions were verified as complete: • Remedial Action ID #1672: WMATA repaired migrating dirty, wet, and muddy conditions under third rail at CM D2 114+00 and CM D2 135+00. Recommended Reinspection? Yes												Yes
Remedial Action	To achie	insulator eve complian	Action at D1 1	n ID #1 4 118+00.	181: WΜ ΓΑ's requ	ATA repla	at D1 117+90							



FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Increation Date	YYYY	MM	DD	Papart Number	20180206-WMATA-WP-3					
Inspection Date	2018	02	06	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	artment			
		Name		Email	Office Phone	е	N	Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location	Courthouse	(K01), Clarend	on Circle (K02),	and Frederick Street (K	04-2) Traction Power S	ubstations	(TPSS)			

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ety Brief	fing			Activity Co	ode	TF)	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA Powe	er Persor	nnel		Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	ОР		Standard Other / Title				Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRI	РН													
Standards, or other															
	Mai Trad	,	Yard	Statio	on C	осс	RTA Facility	FTA Office	T	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type						Х
Line(a)	I/ Lin	_	Track		NI/A		Chain Ma	rker		From		То			
Line(s)	K-Lin	е	Numbe	er	N/A		and/or St	ation(s)	Courthouse ((K01) TPSS Courthouse (K01)				e (K01) TPS	S
	Hea	nd Car Nu	umber	N	Number o	of Cars			21/2						
Vehicles		N/A			N/A		Equip	ment	N/A						

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, Date: 2018.02.22 10:40:05 -05'00'	ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Tino Sahoo		





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

Remedial Action	N/A														
Inspection Activity #	2	Inspe	ction Subje	ect	Traction	Powe	r Substation	n Visual Insp	ection	Activity Co	de	Т	Р	RM	PI
Job Briefing Employee Name/Title	WMA ⁻	TA Pov	wer Personi	nel			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 to 1400		Outside Shift	No
Related Reports	N/A					Relat	ted CAPS / I	indings	N/A						
	Ref				Rule or S	ОР		Standard		Other / T	itle		Chec	klist Refe	rence
Related Rules, SOPs, Standards, or Other	PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AC OR DC ELECTRICAL FACILITIES, AC UNIT SUBSTATIONS, AUXILIARY ELECTRICAL ROOMS, TRACTION POWER SUBSTATIONS, DC TIE BREAKER SUBSTATIONS, 14 DAY INSPECTION (REVISION 3, AUGUST, 2011)														
	Mair	ı	Vand	C1 - 1.		200	RTA	FTA		At and	_	1	El.	t d	21/2
Inspection Location	Trac	k	Yard	Statio	tion OCC		Facility	Office	Track Type	At-grade	e Tu	nnel	Elev	vated	N/A
mspection Education				Х					Track Type						Х
										From				То	
Line(s)	K-Line	•	Track Number		N/A		Chain Ma			cle (K02) TPSS Clar			thouse ndon C erick St		
Walifala.	Head	d Car N	Number	N	Number o	of Cars	F		21/2						
Vehicles		N/A	4		N/A		Equip	ment	N/A						
									l equipment in	Number	of Defec	ts			0
								cility condition	on. Street (KO4-2)	Recomm	ended Fi	nding?			No
Description			, , ,			,	, ,		Maintenance	Remedial Action Required					No
	Instru	ctions	(PMI) for T	PSS.						Recommended Reinspection?					No
	The F	wso ii	nspector di	d not	t note an	y defe	cts.								
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	20180207-WMATA-WP-1						
inspection Date	2018	02	07	Report Number	20180207-00101A1A-007-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN			
	Name			Email	Office Phon	е	N	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	A-Line, track	A-Line, track 2, Friendship Heights (A08) to Tenleytown-AU (A07)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspect	tion Subj	ject	Job Safe	ety Brief	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	677				Accor Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	ОР	Standard			Other / T		Che	cklist Refe	ence	
Related Rules, SOPs, Standards, or Other	RWPI	М													
lucus ation I a sation	Mai Trac	,	Yard	Statio	on C	осс	RTA Facility	FTA Office	Tue de True	At-grad	e Tunnel		Ele	evated	N/A
Inspection Location				Х					Track Type			х			
Line/a)	A-Lin		Track		NI/A		Chain Ma	rker		From	, 	То			
Line(s)	A-LIII	е	Numbe	er	N/A		and/or St	ation(s)	Friendship He	eights (A08)		Frien	dship	Heights (A	08)
.,	Hea	nd Car Nu	umber	N	Number o	of Cars		_							
Vehicles		N/A			N/A		Equipment		N/A						

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL Digitally signed by WINSLOW L. POWELL Digitally signed by WINSLOW L. POWE	L HQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Lee Emard, Anthony Johnson	





	FWSO Inspectors received a job safety briefing from TRST 677 at Friendship	Number of Defects	0
	Heights (A08) prior to entering the roadway. The briefing covered the type of ontrack protection, the working limits, where to clear, known hazards and hotspots,	Recommended Finding?	No
Description	the safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ection Sub	ject	Rem	nedial A	ction V	/erificati	on		Activity Co	ode	TR	K	WI	PI
Job Briefing Employee Name/Title	TRST	677					Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000- 1400		Outside Shift	No
Related Reports	2017	1024-V	VMATA-A VMATA-A VMATA-W	G-1		Re	Related CAPS / Findings Remedial Action			ion ID #: 176	ion ID #: 1763, 1734, 2039					
Deleted Delete CODe	Ref				Rule	or SOP			Standard		Other / T	itle		Check	list Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-	TRST-1000 rev. 6														
	Mai Trac		Yard	Sta	tion	осс		RTA acility	FTA Office	Tunak Tuna	At-grad	e Tu	nnel	Elev	ated	N/A
Inspection Location	х									Track Type			Х			
Line(s)	A-Lin		Track		Tro	ck 2	Cł	nain Ma	rker		From	<u> </u>			То	
Line(s)	A-LIII	e 	Numb	er	IId	CK Z	ar	nd/or St	ation(s)	Friendship He	eights (A08)		Tenle	ytown-	AU (A07)	
Vehicles	Hea	d Car I	Number		Numb	er of Ca	ars	Equip	mont	N/A						
venicles		N/A	4		1	N/A		Lquip	inenc	N/A						
								•	n a track insp		Number	of Defec	ts			0
							_	. ,	and Tenleyt Lup on previ	own-AU (A07). ously issued	Recomm	ended Fi	nding?			No
										,	Remedia	l Action	Require	ed?		No
Description	The f	remedial actions. Remedial Action Required? N The FWSO Inspector did not note any defects. The following remedial actions were verified as complete: Remedial Action ID #1763: WMATA has repaired defective fasteners										No				
Remedial Action	N/A															



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	20190207 \//	// ATA \/	VD 2				
inspection Date	2018	02	07	Report Number	20180207-WMATA-WP-2						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	artment				
	ı	Name		Email	Office Phone		Λ	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	Belmont Roa	mont Road (A03) Traction Power Substation (TPSS)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TF)	JSB	OBS	
Job Briefing Employee Name/Title	WMA	ATA Pow	er Persor	nnel		Accon	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 140	-	Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings N/A										
	Ref		Rule or SOI					Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRI	РΗ														
Standards, or Other																
	Mai Trad	,	Yard	Statio	on C	осс	RTA Facility	FTA Office	T	At-grade Tunne		nnel	Ele	evated	N/A	
Inspection Location				Х					Track Type						Х	
Line(a)	۸ ۱:	_	Track		NI/A		Chain Ma	rker		From	•	То				
Line(s)	A-Lin	e	Numbe	er	N/A		and/or St	ation(s)	Belmont Road	d (A03) TPSS	5	Belmont Road (A03) TPSS				
	Hea	d Car N	umber	١	lumber c	of Cars					•					
Vehicles		N/A			N/A		Equipment		N/A							

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou=Do Date: 2018.02.23 11:53:49 -05'00'	OT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Tino Sahoo		





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

Inspection Activity #	2	Inspection S	ubject	Prev	entive Ma	intenance			Activity Co	ode	TI	Р	RM	OBS
Job Briefing Employee Name/Title	WMAT	A Power Per	sonnel	'		mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100		Outside Shift	No
Related Reports	N/A				Relat	Related CAPS / Findings N/A								
	Ref			Rule or SOP Standard				Other / T	Other / Title				ence	
Related Rules, SOPs, Standards, or Other	PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) WHIPP AND BOURNE 750 VOLT DC TYPE MM74 CIRCUIT BREAKER – 365 DAY INSPECTION (REVISION 3, JUNE 20, 2013)													
lucanation Location	Main Track	Vard	Sta	ation	осс	RTA Facility	FTA Office	Tue els True e	At-grade	e Tu	nnel	Eleva	ated	N/A
Inspection Location				х				Track Type						Х
tin a/a)	A 1:	Trac	k	N1/0		Chain Ma	rker		From				То	
Line(s)	A-Line	Nun	ber	N/A	4	and/or St	ation(s)	Belmont Roa	d (A03) TPSS Belmont Road				d (A03) T	PSS
Vehicles	Head	Car Number			er of Cars	Equip	ment	Whipp and B	ourne (Manı	ufacturer) 750 V	olt DC Ci	ircuit Bre	aker
	The FV	/SO inspecto	r obse		,	rer personn	el perform p	reventive	Number	of Defect	te			0
	mainte	nance on a li	neup	of seven	Whipp an	ıd Bourne (ı	nanufacture	r) direct	Recomm					No
		t (DC) breake			_			, ,	Remedia		<u> </u>			No
Description	with th observ	e published	Prever	itive Ma	intenance	intenance was performed in accordance enance Instructions (PMI) and no issues were				Recommended Reinspection?				No
Remedial Action	N/A				any acie									



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	CY TRST Sub-Department TKIN					
inspection Date	2018	02	08	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department						
		Name		Email	Office Phone		N	Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location	B-Line, track 2, Gallery Place (B01) to Judiciary Square (B02)									

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

Activity Summaries

Inspection Activity #	1	Inspe	ection Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS	
Job Briefing Employee Name/Title	TRST	6094				Accor Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No	
Related Reports	20170516-WMATA-WP-1					Related CAPS / Findings Remedial Acti				action ID #: 1308						
	Ref Rule or S				ЮР		Standard		Other / T	itle		Che	cklist Refer	ence		
Related Rules, SOPs, Standards, or Other	RWPI	M	Permane 03			ent Order R-17-										
	Mai Trac		Yard	Stat	ion C	осс	RTA Facility	FTA Office		At-grade	e Tur	nnel	Ele	evated	N/A	
Inspection Location				Х					Track Type			X				
Lino(s)	B-Line	^	Track		N/A		Chain Ma	rker		From						
Line(s)	D-LIII6	e	Numbe	er	IN/A		and/or St	ation(s)	Gallery Place	(B01)		Galle	Gallery Place (B01)			
	Hea	d Car I	Number		Number o	of Cars			21/2							
Vehicles		N/A	4		N/A		Equip	ment	N/A							

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL Discussion of the Collection	LL AHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Lee Emard, Anthony Johnson, Al Nepa	





	FWSO inspectors received a job safety briefing from TRST 6094 at Gallery Place	Number of Defects	1
	(801) 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	Recommended Finding?	No
	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID. The following non-color-coded defect was observed: • P.O. R-17-03: Advanced Mobile Flagger #677 did not have an air horn, only a whistle. Remedial action for this defect is addressed in WMATA's approach to remedial action ID #1308.	Recommended Reinspection?	Yes
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	Rem	edial Acti	on Verificati	on		Activity Co	ode	TR	RK	WI	PI	
Job Briefing Employee Name/Title	TRST 6	5094					Accompanied Inspector? Yes Out Brief Conducted			Yes	Time	Time 1000- 1400		Outside Shift	No	
Related Reports	20171	.018-	WMATA-A	G-2		Rela	Related CAPS / Findings Remedial Actio				on ID #: 1715					
	Ref				Rule	or SOP		Standard		Other / Title Check				dist Refe	ence	
Related Rules, SOPs, Standards, or Other	TRST-:	1000	rev. 6													
Inconstign Location	Main Yard Sta			Stat	tion	осс	RTA Facility	FTA Office	Track Trace	At-grad	e Tu	nnel	Elev	ated	N/A	
Inspection Location	Х			>	(Track Type			Х				
Line(s)	B-Line		Track		Trac	-k 2	Chain Ma			From				То		
Line(3)	D LINE	•	Numbe	er	ITU		and/or St	ation(s)	Gallery Place	(B01) Judiciary Square (B02)	
Vehicles	Head	d Car N	Number /A			er of Cars	Equip	ment	N/A							
	FWSO	insp	ectors perf	orme	d a ren	nedial acti	on verificat	ion on track	2 of the B-Line	Number	of Defect	ts			1	
		between Gallery Place (B01) and Judiciary Square (B02). Inspectors also inspected													No	
	track	track conditions in the area.													Yes	
Description	Other	rrack conditions in the area.												Yes		
Remedial Action	To ach	nieve	compliance	e with	n WMA	TA's requ	irements:									
Remedial Action	,	•	WMATA m	ust re	eplace o	defective	fasteners or	n the right ra	ail between B2 (026+35 and	B2 026+5	0.				



Photos



Figures 1 and 2: Five defective fasteners in a row at and dynamic movement between B2 026+35 and 026+50.



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	20180208-WMATA-WP-2						
inspection Date	2018	02	08	Report Number	20100200-WINIWIW-WL-7						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM Sub- Department						
	Name			Email	Office Phone	е	N	Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	Farragut North (A02) and Ohio Drive (F03) Traction Power Substations (TPSS)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	fing			Activity Co	ode	TF)	JSB	OBS	
Job Briefing Employee Name/Title	WMA	TA Pow	er Persor	nnel		Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings N/A										
	Ref	Ref Rule or SC				OP		Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRP	Ή														
Standards, or other																
	Mai Trac		Yard	Statio	on C	ОСС	RTA Facility	FTA Office	Office		At-grade Tunnel		Ele	evated	N/A	
Inspection Location				Х					Track Type						Х	
Line(a)	A and	l F-	Track		NI/A		Chain Ma	rker		From	·	То				
Line(s)	Lines		Numbe	er	N/A		and/or St	ation(s)	Farragut Nort	North (A02) TPSS			Farragut North (A02) TPSS			
	Hea	d Car Nı	umber	N	lumber o	of Cars			21/2					•		
Vehicles	N/A		N/A		Equip	ment	N/A									

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou= Date: 2018.02.22 11:13:48 -05'00'	DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team	*	
Winslow Powell	Tino Sahoo		





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

Inspection Activity #	2	Inspe	ection Sub	ject	Traction Power Substation Visual Inspection Activity Code TP					RM	PI				
Job Briefing Employee Name/Title	WMA	ΓΑ Ρον	wer Perso	nnel			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100 14		Outside Shift	No
Related Reports	N/A					Rela	ted CAPS /	Findings	N/A						
	Ref				Rule or	r SOP		Standard		Other / 1	Other / Title			klist Refer	ence
Related Rules, SOPs, Standards, or Other	PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AC OR DC ELECTRICAL FACILITIES, AC UNIT SUBSTATIONS, AUXILIARY ELECTRICAL ROOMS, TRACTION POWER SUBSTATIONS, DC TIE BREAKER SUBSTATIONS, 14 DAY INSPECTION (REVISION 3, AUGUST, 2011)			KL S,											
Inspection Location	Main Track		Yard	Stati	ion	ОСС	RTA Facility	FTA Office	Track Type	At-grad	e Tu	innel	Ele	vated	N/A
				Х											Х
	A and	F_	Track				Chain Ma	arkar		From				То	
Line(s)	Lines	'	Numb	er	N/A		and/or Station(s) Farragut Norti Ohio Drive (FC				S		_	orth (A02) (F03) TPSS	
Vehicles	Head		Number			r of Cars	Equip	oment	N/A						
		N/A				/A									
			•					f all electrica scility condition	l equipment in	Number	of Defec	ts			7
					•	•		ally inspected	_	Recomm	Recommended Finding				No
	compl	iance	with the I	Preven	tative N	Maintena	ince Instru	ction (PMI) fo	or TPSS.	Remedia	I Action	Require	ed?		Yes
Description	The fo	The following non-color-coded defects were observed: PMI 4.12.3: Blower main circuit breaker tripped alarm on uninterruptible power supply was observed at Ohio Drive (F03) TPSS. PM 4.12.3I: Blower high speed alarm on uninterruptible power supply was observed at Ohio Drive (F03) TPSS. PMI 4.12.3: Change filter alarm on uninterruptible power supply was observed at Ohio Drive (F03) TPSS. PMI 4.12.3: Filter blower fault alarm on uninterruptible power supply was observed at Ohio Drive (F03) TPSS. PMI 4.12.3: Filter blower fault alarm on uninterruptible power supply was observed at Ohio Drive (F03) TPSS. PMI 4.4.13: Standing water was observed behind 13.8kV AC switchgear at Ohio Drive (F03) TPSS. PMI 4.4.13: Standing water was observed underneath drainage and												Yes	





	PMI 4.4.13: Signs of water infiltration were observed on the rear of the auxiliary compartment #1 (metering CTs) in the AC switchgear at Ohio Drive (F03) TPSS.
Remedial Action	To achieve compliance with WMATA's requirements: WMATA must rectify blower main circuit breaker tripped alarm on uninterruptible power supply at Ohio Drive (F03) TPSS. WMATA must rectify blower high speed alarm on uninterruptible power supply at Ohio Drive (F03) TPSS. WMATA must rectify change filter alarm on uninterruptible power supply at Ohio Drive (F03) TPSS. WMATA must rectify filter blower fault alarm on uninterruptible power supply at Ohio Drive (F03) TPSS. WMATA must mitigate water intrusion behind 13.8kV AC switchgear at Ohio Drive (F03) TPSS. WMATA must mitigate water intrusion underneath drainage and negative switchboard at Ohio Drive (F03) TPSS. WMATA must mitigate water intrusion into the rear of auxiliary compartment #1 (metering CTs) and inspect/replace any components compromised by the water infiltration.



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	20180209-WMATA-WP-1					
inspection date	2018	02	09	Report Number	20180209-001	VIA I A-V	VP-I			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	partment			
		Name		Email	Office Phon	е	N	Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location	Archives-Nav	vy Memorial (f	F02), Maine Av	e. (F04), Navy Yard (F05)), and Belmont Road (A	.03) Tractio	n Power Su	bstations (TPSS)		

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	8				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brie	fing			Activity Co	ode	TI)	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA Pow	er Persor	inel	Accompanied Inspector?			Yes	Out Brief Conducted	Yes	Time	1000		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS	Findings	N/A						
	Ref				Rule or S	ЮР		Standard		Other / T	Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRF	РΗ													
Standards, or other															
	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	T	At-grade Tunne			Ele	evated	N/A
Inspection Location				Х					Track Type						Х
Line(a)	A and	l F-	Track		N/A		Chain M	arker		From	·			То	
Line(s)	Lines		Numbe	r	N/A		and/or s	tation(s)	Navy Yard (Fo	05) TPSS		Navy	Yard	(F05) TPSS	
	Hea	d Car N	umber	١	Number o	of Cars								·	
Vehicles		N/A			N/A		Equi	pment	N/A						

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, o Date: 2018.02.22 11:17:31 -05'00'	u=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Tino Sahoo			





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

Job Briefing Accompanied Out Brief 1000 to Outside														
Related Reports	Inspection Activity #	2 Ins	pection Subj	ect T	raction Powe	Activity C	ode	TP	1	RM	PI			
Ref Rule or SOP Standard Other / Title Checklist Reference	Employee	WMATA F	Power Persor	inel		•	Yes		Yes	Time				No
Related Rules, SOPs, Standards, or Other Related Rules, SOPs, Standards, or Other Related Rules, SOPs, Standards, or Other Maint Fraction (Revision and Power Substantion (TPS), Maine Ave. (F04) TPSS (Relation Selement Road (A03) TPSS (Relation Red) (Ros) TPSS (Recommended Reinspection? Power Substantion Research (F02) TPSS, and Belmont Road (A03) TPSS. PMI4.13.8: Sobserved was incoming utility (line) breaker #1 analog voltage meter read 8kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI4.12.8: Battery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Battery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archives-Navy (F02) TPSS. PMI4.12.8: Bothery charger ground fault (*** alarm was observed at Archi	Related Reports	N/A			Rela	ted CAPS /	Findings	N/A						
Related Rules, SOPs, Standards, or Other Related Rules, SOPs, Standards, or Other Maint Track		Ref		Ru	ıle or SOP		Standard		Other /	Γitle		Checkli	st Refere	ence
Track Yard Station OCC Facility Office Track Type At-grade Tunnel Elevated N/A		MAINTEN INSTRUCT OR DC ELI FACILITIES SUBSTATI AUXILIAR ROOMS, T POWER S DC TIE BR SUBSTATI INSPECTIO	ANCE TIONS (PMI) A ECTRICAL S, AC UNIT ONS, Y ELECTRICAL FRACTION UBSTATIONS EAKER ONS, 14 DAY ON (REVISION	-										
Line(s) A and F- Track Lines Number N/A Chain Marker and/or Station(s) Archives-Navy Memorial (F02) TPSS Maine Ave. (F04) TPSS Navy Yard (F05) TPSS Navy Yard (F02) Traction power substation and the overall facility condition. Archives-Navy (F02) Traction Power Substation (TPSS), Maine Ave. (F04) TPSS, Navy Yard (F05) TPSS, and Belmont Road (A03) TPSS were visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for TPSS. The following non-color-coded defects were observed: PMI 4.12.8: Battery charger ground fault '4' alarm was observed at Archives-Navy (F02) TPSS. PMI 4.8.8: Observed was incoming utility (line) breaker #1 analog voltage meter read 8.4 kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.12.3: Blower main circuit breaker tripped alarm on PMI 4.12.3: Blower main circuit breaker tripped alarm on PROME PROM	Inspection Location		Yard		ion OCC Facility Office Track Type					e Tu	nnel	Eleva	ted	
Line(s) A and F- Lines N/A N/A Chain Marker and/or Station(s) Maine Ave. (F04) TPSS Maine Ave. (F04) TPSS Navy Yard (F05) TPSS Belmont Road (A03) TPSS Wehicles The FWSO Inspector visually inspected the condition of all electrical equipment in the traction power substation and the overall facility condition. Archives-Navy (F02) Traction Power Substation (TPSS), Maine Ave. (F04) TPSS, Navy Yard (F05) TPSS, and Belmont Road (A03) TPSS were visually inspected for compliance with the Preventative Maintenance Instruction (PMII) for TPSS. The following non-color-coded defects were observed: PMI 4.12.8: Battery charger ground fault '+' alarm was observed at Archives-Navy (F02) TPSS. PMI 4.8.1: Observed was incoming utility (line) breaker #1 analog voltage meter read 8.4kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.8.81: Observed was incoming utility (line) breaker #2 analog voltage meter read 8kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.12.3: Blower main circuit breaker tripped alarm on									From				To	
N/A N/A N/A N/A N/A N/A N/A N/A	Line(s)			r I	N/A			TPSS Maine Ave. (F Navy Yard (FC	704) TPSS 05) TPSS	, ,	TPSS Maine Navy	e Ave. (Fo Yard (F0	04) TPSS 5) TPSS	
the traction power substation and the overall facility condition. Archives-Navy (F02) Traction Power Substation (TPSS), Maine Ave. (F04) TPSS, Navy Yard (F05) TPSS, and Belmont Road (A03) TPSS were visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for TPSS. The following non-color-coded defects were observed: PMI 4.12.8: Battery charger ground fault '+' alarm was observed at Archives-Navy (F02) TPSS. PMI 4.8.1: Observed was incoming utility (line) breaker #1 analog voltage meter read 8.4kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.8.81: Observed was incoming utility (line) breaker #2 analog voltage meter read 8kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.12.3: Blower main circuit breaker tripped alarm on	Vehicles			Nui			ment	N/A						
(F02) Traction Power Substation (TPSS), Maine Ave. (F04) TPSS, Navy Yard (F05) TPSS, and Belmont Road (A03) TPSS were visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for TPSS. The following non-color-coded defects were observed: PMI 4.12.8: Battery charger ground fault '+' alarm was observed at Archives-Navy (F02) TPSS. PMI 4.8.1: Observed was incoming utility (line) breaker #1 analog voltage meter read 8.4kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.8.81: Observed was incoming utility (line) breaker #2 analog voltage meter read 8kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.12.3: Blower main circuit breaker tripped alarm on		The FWS0) Inspector vi	sually in	spected the	condition of	all electrica	l equipment in	Number	of Defect	ts			8
TPSS, and Belmont Road (A03) TPSS were visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for TPSS. The following non-color-coded defects were observed: PMI 4.12.8: Battery charger ground fault '+' alarm was observed at Archives-Navy (F02) TPSS. PMI 4.8.1: Observed was incoming utility (line) breaker #1 analog voltage meter read 8.4kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.8.81: Observed was incoming utility (line) breaker #2 analog voltage meter read 8kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.12.3: Blower main circuit breaker tripped alarm on			•					•	Recommended Finding?					No
The following non-color-coded defects were observed: PMI 4.12.8: Battery charger ground fault '+' alarm was observed at Archives-Navy (F02) TPSS. PMI 4.8.1: Observed was incoming utility (line) breaker #1 analog voltage meter read 8.4kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.8.81: Observed was incoming utility (line) breaker #2 analog voltage meter read 8kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.12.3: Blower main circuit breaker tripped alarm on		, ,			, ,,	•	,		Remedia	al Action I	Require	d?		Yes
PMI 4.12.3: Blower high speed alarm on uninterruptible power supply	Description	 PMI 4.12.8: Battery charger ground fault '+' alarm was observed at Archives-Navy (F02) TPSS. PMI 4.8.1: Observed was incoming utility (line) breaker #1 analog voltage meter read 8.4kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.8.81: Observed was incoming utility (line) breaker #2 analog voltage meter read 8kV whereas it should have read 13.8kV at Archives-Navy (F02) TPSS. PMI 4.12.3: Blower main circuit breaker tripped alarm on uninterruptible power supply was observed at Navy Yard (F05) TPSS. 										Yes		





	 PMI 4.12.3: Filter blower fault alarm on uninterruptible power supply was observed at Navy Yard (F05) TPSS. PMI 4.8: The 64 relay (structure ground relay) on Rectifier #3 showed a ground/earth fault at Navy Yard (F05) TPSS. PMI 4.8: System trouble alarm on the inverter was observed at Belmont Road (A03) TPSS. 		
Remedial Action	To achieve compliance with WMATA's requirements: WMATA must rectify battery charger ground fault '+' alarm at Archives-N WMATA must verify that incoming utility voltage is 13.8kV on incoming li WMATA must verify that incoming utility voltage is 13.8kV on incoming li WMATA must rectify blower main circuit breaker tripped alarm on uninte WMATA must rectify blower high speed alarm on uninterruptible power WMATA must rectify filter blower fault alarm on uninterruptible power s WMATA must clear the ground/earth fault on Rectifier #3 at Navy Yard (II WMATA must rectify the system trouble alarm on the inverter at Belmon	ine breaker #1 at Archives-Navy Mer ine breaker #2 at Archives-Navy Mer erruptible power supply at Navy Yar supply at Navy Yard (F05) TPSS. supply at Navy Yard (F05) TPSS. F05) TPSS.	morial (F02) TPSS.



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	20180211-WMATA-WP-1					
inspection Date	2018	02	11	Report Number	20100211-001	VIA I A-V	VP-1			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TPRO		
		Name		Email	Office Phone	е	N	Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location	A-Line, Track	c 2, Friendship	Heights (A08)	to Grosvenor-Strathmor	e (A11)					

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ty Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6014				Accor	npanied ctor?	No	Out Brief Conducted	Yes	Time	080		Outside Shift	Yes
Related Reports	N/A					Relate	ed CAPS / I	indings	N/A						
	Ref				Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	V I													
Standards, or Other															
lucusation Location	Mai Trac		Yard	Stati	on C	СС	RTA Facility	FTA Office	Tue els Toure	At-grad	At-grade Tur		Ele	evated	N/A
Inspection Location				Х					Track Type			Х			
Lima/a)	A-Line		Track		N/A		Chain Marker			From				То	
Line(s)	A-LIN	=	Numbe	er	IN/A		and/or Station(s) Medical Cen			Medical Center (A10) Medical Center (A10)					
	Hea	d Car N	umber	١	Number o	f Cars			21/2	•					
Vehicles		N/A			N/A		Equip	ment	N/A						

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL Dit: c=U.S, c=U.S. Government, oue=TAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL Date: 2018.02.22 11:23696500'
Inspector in Charge – Name	Inspection Team	
Winslow Powell	Alexander Nepa	





	FWSO Inspector and WMATA escort received a job safety briefing from TRST 6014	Number of Defects	0
	at Medical Center (A10) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to	Recommended Finding?	No
	clear, known hazards and hotspots, the safety rule of the day, the location of the	Remedial Action Required?	No
Description	nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
Description	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
	Other Notable Observations:	Recommended Reinspection:	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	Work	Zone Ob	servation			Activity Co	Activity Code			WI	OBS
Job Briefing Employee Name/Title	TRST 6198			Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	Time		800- 200 Outside Shift			
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or	SOP		Standard		Other / T	itle		Chec	klist Refe	erence
Related Rules, SOPs, Standards, or Other	TRST-	1000	, rev. 6												
Standards, or Other															
Inspection Location	Mai Trac		Yard	Stati	ion	осс	RTA Facility	FTA Office	Tue els True e	At-grade	e Tu	nnel	Elevated		N/A
	х								Track Type	Х				Х	
Line(s)	Track			Taral 2 Chain			rker		From	•		•	То		
Line(s)	A-Line	Number		er	Track 2 and/or Sta			ation(s)	Friendship He	eights (A08)		Gros	venor-S	Strathmo	re (A11)
.,	Head Car Number Number					of Cars									
Vehicles	N/A N/					A	Equip	ment	N/A						
		FWSO Inspector observed WMATA employees and contractors performing a track										ts			0
		maintenance on track 2 of the A-Line between Friendship Heights (A08) and Grosvenor-Strathmore (A11). Attention was paid to PPE usage and the quality of completed work as compared to WMATA standards. Inspector also observed RWP										Recommended Finding?			
												Remedial Action Required?			
Description	being weldi The F	setup to ensure compliance with WMATA requirements. Maintenance worked being performed included leak mitigation, drainage maintenance, and rail-joint welding. The FWSO Inspector did not note any defects. Recommended Reinspection? At the 308+87 work zone location, one of the warning e-flare lights													No
Remedial Action	N/A		was observ	rea to	be illum	iiriated I	out not stro	oing.							

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rsion date: 8/26/16 2



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	20180212-WMATA-WP-1								
mspection bate	2018	02	12	Report Number	20160212-VVIVIATA-VVP-1								
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN					
		Name		Email	Office Phon	е	Mobile Phone						
Rail Agency Department Contact Information													
Inspection Location	A-Line, track	A-Line, track 1, Tenleytown-AU (A07) to Bethesda (A09)											

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspecti	on Subj	ect	Job Safe	ety Brie	fing			Activity Code		TRK		JSB	OBS	
Job Briefing Employee Name/Title	TRST 6030					Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No	
Related Reports	N/A					Relat	ed CAPS /	Findings								
	Ref				Rule or S	ЮР		Standard		Other / T		Che	cklist Refer	ence		
Related Rules, SOPs, Standards, or Other	RWPM															
Standards) or other																
lucus ation I a sation	Mai Trac	Y:	ard	Statio	ion OCC		RTA Facility	FTA Office	Tue els Tour	At-grade	de Tunnel		Ele	evated	N/A	
Inspection Location				Х					Track Type			х				
III ala	Track			C		Chain Ma	rker	From			То					
Line(s)	A-Lin	e	Numbe	er	N/A		and/or St	ation(s)	Tenleytown-AU (A07)			Tenleytown-AU (A07)				
	Hea	Head Car Number			lumber o	of Cars		_								
Vehicles		N/A			N/A	1	Equipment		N/A							

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=US. Government, ou=FTAHQ, ou=DCT Headquarters, cn=WINSLOW L. POWELL Date: 2018.022: 211-1343-3 4500
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard	



	FWSO II	nspector rece	eived a	iob safe	tv briefi	ng from TRS	T 6030 at Br	entwood Yard	Number	of Defect	·c			0	
	(B99) Tr	ack Inspectio	n offic	e prior t	o enteri	ng the road	way. The bri	efing covered		ended Fi		No			
								known hazards hospital, and		l Action I		No			
Description		of personal p				Keineuia	II ACCIOII I		INO						
	(RWP) I		notect	ive equi) mem (D	and ad Da				Na				
						Recomm	ended Re	einspec	ction?		No				
		SO Inspector	did no	ot note a	ny defe	cts.									
Remedial Action	N/A			-							1				
Inspection Activity #	2 lı	nspection Sul	bject	Track	Walker	Observation	1		Activity Co	ode	TF	RK	WI	OBS	
Job Briefing Employee Name/Title	TRST 6030					ompanied ector?	Yes	Out Brief Conducted	Yes	Yes Time)-)	Outside Shift	No	
Related Reports		06-WMATA-A 21-WMATA-R			Rela	ted CAPS /	Findings	Remedial Act	ion ID #: 132	2, 133, 75	8	·			
	Ref			Rule or	SOP		Standard		Other / T	itle		Checl	klist Refe	ence	
Related Rules, SOPs, Standards, or Other	TRST-10	000 rev. 6													
Standards, or Other															
Inspection Location	Main Track	Yard	Stat	tion	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	vated	N/A	
inspection Location	Х		>	Κ				- Truck Type			X				
()		Track	;	I	_	Chain Ma	rker		From				То		
Line(s)	A-Line	Numb	ber	Track	1	and/or St	ation(s)	Tenleytown-A	AU (A07) Beth			esda (A	09)		
	Head Car Number Number of Ca														
Vehicles		N/A		N/	'A	Equip	ment	N/A							
	FWSO II	nspector(s) ol	d WMAT	'A empl	Number	of Defect	ts			2					
		inspection on track 1 of the A-Line between Tenleytown-AU (A07) and Bethesda									Recommended Finding?				
	, ,	(A09). Inspectors also inspected track conditions and followed up on previously issued remedial actions.									Remedial Action Required?				
	The foll	owing color-o	defects	were no											
	•	in 180 inc	hes at	A1 366+	23 on th										
		measured WMATA F													
		a mainten			-										
		Black Con	ndition	•											
	•					ctive fasteners hes, and there									
		was no m													
Description		restriction			-										
		1000 sect	ions 7.	.9.2.3 an	d 7.9.2.4	4. Red Cond	ition.		Recomm	ended Re		Yes			
	Other N	lotable Obse	rvation	ns:					1100011111					. 65	
	•				insulato	or was wet,	muddy, and	arcing. The							
		contracto report.	or and \	WMATA	RWIC m	ade note of	this condition	on in their							
	The foll	owing remed	dial act	ions we	e verifi	ed as compl	lete:								
	•	Remedial	n ID #132	2: WMA											
		328+30.													
	•	Remedial													
		357+50 to				TA has ror!-	and factors	rs at A1							
	•	374+80.	ACTIO	עו וו #/5	: vviviA	TA has repla	aced fastene	IS at AT							
Remedial Action	To achie	eve complian	ce with	n WMAT	۹'s requ	irements:									





- WMATA must replace defective fasteners at A1 366+23.
- WMATA must replace defective fasteners at A1 372+80.

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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	20190212 \						
inspection date	2018	02	13	Report Number	20180213-WMATA-WP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	TKIN					
	Name			Email	Office Phon	е	N	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	N-Line, track	l-Line, track 2, Wiehle-Reston (N06) to Spring Hill (N04)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 6	501				Accompanied Inspector? Yes Out Bri Conduction			Yes	Time	1000 1500		Outside Shift	No
Related Reports	N/A			Related CAPS / Findings N/A										
	Ref		Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other														
Standards, or Strict														
lucus ation I a sation	Main Track	Yard	Stat	ion C	осс	RTA Facility	FTA Office	Tue de Tour	At-grade	At-grade Tunnel		Ele	evated	N/A
Inspection Location			Х					Track Type			X			
Line(s)	N-Line	Track		N/A		Chain Ma	rker		From	·	То			
Lille(s)	iv-Line	Numbe	er	IN/A		and/or Sta	ation(s)	Wiehle-Resto	n (N06)		Wiehle-Reston (N06)			
.,	Head	Car Number		Number of Cars				N/A				•		
Vehicles		N/A		N/A	<u>I</u>	Equipment								

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWEL Date: 2018.02.22 12:20:50-0-05:00
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Anthony Johnson, Al Nepa	





	FWSO inspectors received a job safety briefing from TRST 6094 at Gallery Place	Number of Defects	0
	(B01) 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	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspec	ction Subj	ect	Remed	ial Actio	on Verificati	ion		Activity Co	ode	TR	K	WI	PI
Job Briefing Employee Name/Title	TRST 6	01					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1500		Outside Shift	No
Related Reports	N/A					Relat	Related CAPS / Findings N/A								
	Ref				Rule or	or SOP Standard			Other / Title Checkli				list Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST-1	.000 re	ev. 6												
Inspection Location	Track		Stat		OCC RTA		FTA Office	Track Type	At-grade Tu		nnel	nnel Eleva		N/A	
			Tue els				Chain Ban	ulas u		From				To	
Line(s)	N-Line		Track Numbe	er	Track	2		Chain Marker and/or Station(s) Wiehle-Reston			-				
	Head	l Car N	lumber		Number of Cars										
Vehicles		N/A			N/	Д	Equip	ment	N/A						
		FWSO inspectors performed a remedial action verification on track 2 of the N-Line									of Defect	is			1
		between Wiehle-Reston (N06) and Spring Hill (N04). Inspectors also inspected track conditions in the area.									ended Fi	nding?			No
	l'ack c	truck containons in the area.									l Action I	Require	ed?		Yes
Description	The fo	The following color-coded defect was observed: • TRST 1000 Table 13-6: Signs of the collector shoe striking the nose of the third rail end approach was observed at N2 1006+70. See figure 1 below. Red condition. The following non-color-coded defect was observed: • TRST 1000, 13.3.13: At N2 1010+80 the third rail support bracket was											Yes		
	Other notable observation: At N2 1023+00, the third rail power cable was contacting the ground. FWSO Inspectors and TRST compliance noted three defects had not been repaired to WMATA standards as recorded; therefore, a reinspection is warranted.														
Remedial Action	•	achieve compliance with WMATA's requirements: WMATA must review and adjust end approach height at N2 1006+70. WMATA must secure third rail support bracket at N2 1010+80.													

Photos



Figure 1: Sign of collector shoes striking the nose of the third rail end approach at N2 1006+70.



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	20190212 \	4ATA \/	VD 2				
inspection Date	2018	02	13	Report Number	20180213-WMATA-WP-2						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	artment				
	I	Name		Email	Office Phone		Λ	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	Grosvenor-S	svenor-Strathmore (A11) – AC Room #1									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ety Brief	ing			Activity Co	ode	TF)	JSB	OBS	
Job Briefing Employee Name/Title	WMA	ATA Pow	er Persor	nnel		Accon	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	010 050	-	Outside Shift	Yes	
Related Reports	N/A	N/A					Related CAPS / Findings N/A									
	Ref	Ref Rule or So						Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRF	РН														
Standards, or other																
	Mai Trac	,	Yard	Statio	on C	осс	RTA Facility	FTA Office	T	At-grade Tunnel		nnel	Ele	evated	N/A	
Inspection Location				Х					Track Type						Х	
Line(a)	A-Lin		Track		N/A		Chain Ma	rker		From		То				
Line(s)	A-LIII	е	Numbe	er	IN/A		and/or St	ation(s)	Grosvenor-St	rathmore (A	11)	Grosvenor-Strathmore (A11)				
	Hea	nd Car Nu	umber	N	Number o	of Cars			21/2							
Vehicles	N/A N/A	N/A		Equip	ment	N/A										

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou=DC Date: 2018.02.22 13:35:41 -05'00'	T Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





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

Inspection Activity #	2 li	nspection Sub	ject	Corre	ective Ma	intenance			Activity Co	ode	TI	Р	RM	OBS
Job Briefing Employee Name/Title	WMATA	Power Perso	nnel			ompanied ector?	Yes	Out Brief Conducted	Yes	Time	010 050	-	Outside Shift	Yes
Related Reports	N/A				Rela	ted CAPS /	Findings	N/A						
	Ref			Rule o	r SOP		Standard		Other / T	itle		Che	cklist Refe	rence
Related Rules, SOPs, Standards, or Other	N/A													
Standards, or other														
luonostion location	Main Track	Yard	Sta	Station OC		RTA Facility	FTA Office	Tuesda Tuess	At-grade	e Tunnel		el Elevated		N/A
Inspection Location)	x				Track Type						Х
lina(a)	A-Line	Track		N1 / A		Chain Marker			From				То	
Line(s)	A-Line	Numb	er	N/A		and/or St	and/or Station(s) Grosvenor-St			rathmore (A11) Grosvenor-				e (A11)
	Head (Car Number		Numbe	er of Cars				0 :1 5 =		C =1	,	20114 0 5	
Vehicles		N/A		N	I/A	Equip	ment	Magnetic Trip	Coll for Fed	derai Paci	TIC EIEC	tric 48	SUVAC Bre	aker
		O inspector				•	•		Number	of Defect	ts			0
		ance on the r						d in AC nt-out trip coil	Recomm	ended Fi	nding?			No
Barretotta								S25 breaker as	Remedia	l Action I	Require	ed?		No
Description		not trip. The acement.	breal	ker was	observed	d to be fully	operational	after the trip	Recomm	ended Re	einspec	tion?		No
	The FW	The FWSO inspector did not note any defects.												
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	20190214 \\	20180214-WMATA-WP-1					
inspection date	2018	02	14	Report Number	20100214-VVIVIATA-VVP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN			
	Name			Email	Office Phon	е	N	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	J-Line, Track 1, Van Dorn Street (J02) to Franconia-Springfield (J03)										

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)	1	9				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspect	tion Subj	ect	Job Safe	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6094				Accor	mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1530		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings							
	Ref	f Rule or SC						Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	M													
Standards) or other															
lucus ation I a sation	Mai Trac	١ ١	Yard	Statio	tion OCC		RTA Facility	FTA Office	Tue els Tour	At-grad	At-grade Tunnel		Ele	evated	N/A
Inspection Location				Х					Track Type			x			
Line(a)	J-Line		Track		NI/A		Chain Ma	rker		From	<u>'</u>	То			
Line(s)	J-LINE		Numbe	er	N/A		and/or St	ation(s)	Franconia-Sp	ringfield (J03) Fran		Franc	Franconia-Springfield (J03)		(J03)
	Hea	d Car Nu	ımber	N	Number o	of Cars									•
Vehicles		N/A			N/A	١	Equipment		N/A						

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, o Date: 2018.02.22 13:42:02 -05'00'	u=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team		
Winslow Powell	Alexander Nepa		





	FWSO Inspector received a job safety briefing from TRST 6094 at Franconia-	Number of Defects	0
	Springfield (J03) station prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
	and hotspots, the safety rule of the day, the location of the nearest hospital, and	Remedial Action Required?	No
Description	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID. The FWSO inspector did not note any defects.	Recommended Reinspection?	Yes
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Subj	ect	Remedi	al Actio	on Verificati	on		Activity Co	ode	TR	RK	WI	PI		
Job Briefing Employee Name/Title	TRST	6094					mpanied ector?	Yes	Out Brief Conducted	Yes	Time		1000- 1530 Outs		No		
Related Reports			WMATA-AG	-1		Rela	Related CAPS / Findings				on ID #: 1651, 1652 tion Plan (CAP): R-2-18-A, R-2-19-A						
	Ref				Rule or S	OP Standard			Other / Title Checkl				list Refer	ence			
Related Rules, SOPs, Standards, or Other	TRST-	1000	rev. 6		P.O. R-17	7-03											
Standards, or Other																	
Inspection Location	Mai Trac		Yard	Statio	on C	СС	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Eleva	ated	N/A		
inspection Location	х			Х					Track Type	х							
Line(s)	J-Line	<u>:</u>	Track Numbe	r	Track 2	!	Chain Ma and/or St		Van Dorn Str	From eet (J02)		Franc	conia-Sp	To ringfield	(J03)		
	Hea	ıd Car	Number	N	Number c	of Cars				<u> </u>		1					
Vehicles		N/	/A		N/A		Equip	ment	N/A								
									of the J-Line	Number	of Defect	ts		9			
			an Dorn (J02				ngfield (J03	Recomm	ended Fi	nding?			No				
	inspe	ctea t	track conditi	n the area	Э.	Remedia	l Action I	Require	ed?		Yes						
	 third rail approach surface. See figure 1 below Red Condition. TRST 1000, 13.3.11: At J1 732+50, the third rail insulator supporting the end approach was broken and not holding. See figure 2 below. Red Condition. TRST 1000, 13.3.11: At J1 826+60, the third rail insulator supporting the third rail was broken, and 80 inches of the third rail was not supported. See figure 3 below. The speed restriction protecting this defect was removed by WMATA Assistant Superintendent of third rail power. Red Condition. 																
Description		•	broken. P.O. R-17-0 approached line horn as work group approach to P.O. R-17-0 approached	13.5.: missin 13.5.: missin 13.3.: the v requi Rem CAPs 3: At . the v requi	7: At J1 7 ng. 7: At J1 8 ng. 7: At J1 8 ng. 13: At J1 J1 738+00 work grouired and eledial actions R-2-18-J1 776+00 work grouired. Rem	32+50, 26+20, 826+0 0 at 11 up with did not ion for A and I 0 at 11 up with nedial a	the third ra the third ra 0, the third 22 hours, tr nout continu maintain 1 this defect R-2-19-A. 57 hours, tr nout continu ection for th	ail end appro ail end appro rail support ain lead car lously sound 0 MPH whili is addressed ain lead car lously sound is defect is a		Recommended Reinspection? Yes							



	P.O. R-17-03: At J1 854+00 at 1405 hours, train lead car number 3055 approached the work group without continuously sounding its main line horn as required. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.	
	Other notable observations: • Between J1 733+00 and 735+00, 200 feet of third rail heat wires were lying on the ground, unsecured from the third rail. See figure 4 below.	
	The following remedial actions were verified as complete: Remedial Action ID #1651: WMATA has replaced the missing cover board end at J1 731+00. Remedial Action ID #1652: WMATA has replaced the missing cover board end at J1 732+00.	
Remedial Action	To achieve compliance with WMATA's requirements: WMATA must correct third rail end approach height at J1 732+50. WMATA must replace defective insulator at J1 732+50. WMATA must replace missing cover board at J1 732+50. WMATA must replace broken third rail support bracket at J1 826+00 WMATA must replace missing third cover board at J1 826+20.	

WMATA must replace defective insulator at J1 826+60.

Photos



Figure 1: Collector shoe contacting end of third rail at J1 732+50.





Figure 2: Broken end support third rail insulator at J1 732+50.



Figure 3: Broken, non-supporting, third rail end approach insulator at J1 826+60.





Figure 4: Third rail heat wire on the ground between J1 733+00 and 735+00.



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	20180214-WMATA-WP-2						
inspection bate	2018	02	14	Report Number	20100214-WWW.A.A.A.A.						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	TKIN			
		Name		Email	Office Phone	е	N	Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	D and G-Line, track 2, Stadium-Armory (D08) to Benning Road (G01) and D2 283+00 to Deanwood (D10)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspecti	ion Subj	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6336					occompanied yes Out Br Condu			Yes	Time	1000 1500		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or S	ОР	Standard			Other / T	itle		Che	cklist Refe	rence
Related Rules, SOPs, Standards, or Other	RWPI	M													
luonostion Location	Mai Trac	l Y	'ard	Statio	on (осс	RTA Facility	FTA Office	Tuesda Tauss	At-grade Tunnel		nnel	Ele	evated	N/A
Inspection Location			х						Track Type						Х
12 - 4-1	-		Track		21/2		Chain Ma	rker	From			То			
Line(s)	D-Lin	e	Numbe	er	N/A		and/or St	ation(s)	New Carrollto	on Yard (D99	9)	New	Carro	llton Yard	D99)
	Hea	d Car Nu	mber	N	lumber o	of Cars			21/2						
Vehicles	Vehicles N/A			N/A	١	Equip	ment	N/A							

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL Digitally signed by WINSLOW DN: culls, culls. Government Date: 2018.02.22.1447:16-05	ou=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Lee Emard, Anthony Johnson	





Description Remedial Action Inspection Activity # Job Briefing Employee Name/Title	Yard (D99 covered ti known ha nearest hi roadway v The FWSC N/A 2 Ins														
Related Reports	20170131 20171101	I-WMATA-W -WMATA-CE -WMATA- A)-WMATA-W	Rela	ion ID #: 122	27, 1229,	1228, 1	1102, 175	58, 1759	, 1973						
Related Rules, SOPs,	Ref			Rule or S	ОР		Standard		Other / T	Title		Checkli	st Refer	ence	
Standards, or Other	TRST-100	0 rev. 6													
Inspection Location	Main Track	Yard	Stati	on C	ОСС	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Eleva	ted	N/A	
	Х		Х						X			Х			
Line(s)	D and G- Line	Track Number	er	Track 2	!	Chain Ma and/or St		Stadium-Arm CM D2 283+0				ing Road wood (D			
Vehicles	N	r Number N/A		Number o N/A		Equip		N/A							
Description	inspection Benning R inspected The follow The follow	n on track 2 of Road (G01) a track condition of track 2 of Road (G01) a track condition of Road Road Road Road Road Road Road Road	of the ind D2 ions a oded of Table astene illow C 5-42: of rail ider-coordinates in 13.17 ripping 13.3.4 ripping 14.3.4 ction 50. Action Action	D and G-1283+00 to nd follow defects w 7.1: At Gers in a ro Condition At G2 28 broken o ded defect. S: At G2 7.4.1: At G2 3 7.	Line be o Dear ved up ere ob 62 270 w in 90 1. 17+00, ut. See cts wee 311+4 62 334+00 62 334+00 62 334+00 62 334+00 62 334+00 62 334+00 62 334+00 632 500 632 500 600 600 600 600 600 600 600 600 600	etween Stad nwood (D10 on previous served: +80 on right 0 inches. No the right rai e figure 1 be re observed 0, the end t +50, the rela the third rai et a grail was a ed as complant as rep	lium-Armory). Inspectors sly issued rei e rail, there v o speed restr I had a shell elow. Yellow i: hird rail cove ay rail betwee ail anchor ar 38+00 the re tripping haze laced defect d cable at D	were three iction was ing condition. Condition. er board was een running m was broken. elay rail ard.	Recomm	of Defection of Action of	nding? Require			No Yes	





	 Remedial Action ID #1102: WMATA repaired the failing grout pads at 	
	D2 272+90.	
	Remedial Action ID #1758: WMATA replaced fasteners right rail at D2	
	278+00.	
	Remedial Action ID #1759: WMATA replaced fasteners right rail at D2	
	280+50.	
	 Remedial Action ID #1973: WMATA replaced fasteners at D2 285+00. 	
	To achieve compliance with WMATA's requirements:	
	 WMATA must replace end cover board at G2 311+40. 	
	 WMATA must remove relay rail at G2 332+50. 	
Remedial Action	 WMATA must replace third rail anchor arm at G2 334+00. 	
	 WMATA must remove relay rail at G2 334+70 to G2 338+00. 	
	WMATA must replace defective fasteners at G2 270+80.	
	WMATA must address rail shelling at G2 287+00.	

Photos



Figure 1: Shelling condition at G2 287+00

Form FTA-IR-1 Version date: 8/26/16

3



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	20190214 \	// A T A \/	VD 2			
inspection bate	2018	02	14	Report Number	20180214-WMATA-WP-3					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	partment			
	Name			Email	Office Phone Mobile			Nobile Phone		
Rail Agency Department Contact Information		ı								
Inspection Location	C-Line, Track	ine, Tracks 1 and 2, Eisenhower Ave. (C14) to Huntington Ave. (C15)								

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspect	tion Subj	ect	Job Safe	ety Brief	fing			Activity Co	ode	TF)	JSB	OBS
Job Briefing Employee Name/Title	WMA	WWATA RWIC					Accompanied Inspector? Yes Out Brief Conducted			Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A	N/A				Relate	ed CAPS /	Findings	N/A						
	Ref				Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	М		R-17-02											
Standards, or other	MSRI	РΗ			R-17-03										
lungation I costion	Mai Trad	١ ١	Yard	Statio	on C	осс	RTA Facility	FTA Office	Tue els Toure	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type					Х	
Line(a)	C-Lin	•	Track		N/A		Chain Ma	ırker	From			То			
Line(s)	C-LIII	е	Numbe	er	N/A		and/or S	tation(s)	Eisenhower A	ver Ave. (C14) Eise			enhower Ave. (C14)		
	Hea	ıd Car Nı	ımber	N	lumber c	of Cars									
Vehicles		N/A			N/A		Equip	ment	N/A						

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELI DN: c=US, o=U.S. Government, ou=FTAI Date: 2018.02.22 15:03:29 -05'00'	Q, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





	FWSO Inspector received a job safety briefing from the roadway worker in charge	Number of Defects	0
	(RWIC) at Eisenhower Ave. (C14) prior to entering the roadway. The briefing covered the type of on-track protection (specify), the working limits, where to	Recommended Finding?	No
Description	clear, known hazards and hotspots, the safety rule of the day, the location of the	Remedial Action Required?	No
Description	nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 Ir	spection Su	bject	Heat	Tape Ins	pection			Activity Co	de	ТІ	Р	RM	PI
Job Briefing Employee Name/Title	WMATA	RWIC				ector?	Yes	Out Brief Conducted	Yes	Ves Time		0 to	Outside Shift	No
Related Reports	2017082	27-WMATA-	4G-1		Rela	ted CAPS /	Findings	Remedial Act	ion ID #: 156	50				
	Ref Rule or So						Standard		Other / T	itle		Che	cklist Refe	rence
	TRST 1000													
Related Rules, SOPs, Standards, or Other	PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) THIRD RAIL HEAT TAPE SYSTEM – 365 DAY INSPECTION (REVISION 3, JUNE 2013)													
Inspection Location	Main Track	Yard	Stat	tion	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tu	innel	Ele	vated	N/A
	Х												Х	
Line(s)	C-Line	Track Num		Trad	cks 1 2	Chain Ma and/or St		Eisenhower A	From Ave. (C14)		Hunt	ington	To Ave. (C15	5)
	Head (Car Number		Numbe	er of Cars				- (- /			0	- (-	,
Vehicles		N/A		ľ	N/A	Equip	ment	N/A						
	The FWS	O inspector	visuall	y inspe	cted the	condition of	the third rai	I heat tape	Number	of Defec	ts			4
							ive. (C14) to d by WMATA	_	Recomm	ended F	inding?			No
		**			•	_	erability was	•	Remedia	l Action	Require	ed?		Yes
Description	complia heat tap	the FWSO inspector. This section of mainline track was visually inspected for compliance with the Preventative Maintenance Instruction (PMI) for third rail neat tape. The following non-color-coded defects were observed: TRST 1000 Manual, 3.1.2.5: Emergency Trip Station (ETS) blue light was out at C1 599+00. TRST 1000 Manual, 3.1.2.5: ETS blue light was out at C2 599+00.										Yes		
Remedial Action	To achie	TRST 1000 Manual, 3.1.2.5: ETS blue light was out at C2 615+00. Remedial action for this defect is addressed in WMATA's approach to remedial action ID #1560. o achieve compliance with WMATA's requirements: WMATA must repair the ETS blue light at C1 599+00. WMATA must repair the ETS blue light at C2 599+00.												

Form FTA-IR-1

Version date: 8/26/16 2



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	20190215 \\/\	// ATA \/	VD 1				
inspection Date	2018	02	15	Report Number	20180215-WMATA-WP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department		TKIN			
		Name		Email	Office Phone Mobile Pl			Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	D-Line, track	D-Line, track 1, New Carrollton (D13) to Landover (D12)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ty Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	TRST 601				Accompanied Inspector? Yes Out Brief Conducted			Yes	Time	1000 1330		Outside Shift	No
Related Reports	N/A	N/A F				ed CAPS / F	indings	N/A						
21.121.002	Ref	Rule or SOP			OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	1												
Standards, or Strict														
lucus ation I a sation	Main Track	Yard	Stati	ion C	СС	RTA Facility	FTA Office	Tue de Tour	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location			Х					Track Type	х					
Lina/a)	D-Line	Track		N/A		Chain Ma	rker		From	·			То	
Line(s)	D-Line	Numb	er	IV/A		and/or Sta	ation(s)	New Carrollto	on (D13)		New	Carrol	llton (D13)	
	Head	l Car Number		Number o	f Cars			21/2		•	•			
Vehicles		N/A		N/A		Equipment N/A			N/A					

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL Digitally signed by WINSLOW L. PO Div c.1(S. out.) Converned, up. Date: 2018.02.2215:13.29-05.00	WELL FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Anthony Johnson, Alexander Nepa	





	FWSO inspectors received a job safety briefing from TRST 601 at New Carrollton	Number of Defects	0
	(D13) 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	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ction Sub	ject	Remedia	al Actio	n Verificat	ion		Activity C	ode	TR	RK	WI	PI	
Job Briefing Employee Name/Title	TRST 6	601				Accor	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000		Outside Shift	No	
Related Reports			VMATA-AG tive 15-1	G-1		Relat	ed CAPS /	Findings		edial Action ID #1542 ective Action Plan (CAP): R-2-18-A, R-2-19-A						
Deleted Delete CODe	Ref				Rule or S	SOP Standard			Other / Title Chec				klist Refer	ence		
Related Rules, SOPs, Standards, or Other	TRST-:	TRST-1000 rev. 6 P.O. T-16-0				5-07										
Inspection Location	Main Yard Station OCC			СС	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	vated .	N/A			
inspection Location	Х			х					паск туре	х			>	(
Line(s)	D-Line	D-Line Track Number Track 1					Chain Marker and/or Station(s) New Carrollto			From Landover				To (D12)		
Vehicles	Head	d Car N N/A	Number	1	Number o		Equip	ment	N/A							
									1 of the D-Line	Number	of Defect	is			2	
			w Carrollt	•	•	andove	r (D12). In	spectors also	inspected	Recomm	ended Fi	nding?			No	
	track	contaiti	10113 111 (116	aica.						Remedia	l Action I	Require	ed?		Yes	
Description		 The following non-color-coded defects were observed: TRST 1000, 3.1.2.7: At D1 571+00 there is an electrical junction box between the third rails without a cover and exposed live wires. See figure 1 below. P.O. T-16-07: At D1 561+00 at 1239 hours, a train with end car number 7150 passed a workgroup on an aerial center catwalk at a speed exceeding 10 MPH. Due to the speed, the lead car number could not be obtained. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. The following remedial action was verified as complete: Remedial Action ID #1542: The missing third rail end cover board at D1 567+90 has been replaced. 											Yes			
Remedial Action			ompliance					trical junctio	n box at D1 571	+00.						

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Photos



Figure 1: Exposed electrical junction box at D1 571+00.



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	20180215-WN	11 TA V	VD 2				
inspection bate	2018	02	15	Report Number	20180213-001	20100213 WWATA WI 2					
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM Sub- Department						
	ı	Name		Email	Office Phone	e	N	Nobile Phone			
Rail Agency Department											
Contact Information		ı									
Inspection Location	D-Line, Track 2, D2 552+00 to New Carrollton (D13)										
mapeedion Eccation	D-Line, Track	< 1, Cheverly (D11) to Deanwo	ood (D10)							

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ty Brief	ing			Activity Co	ode	TF)	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA RWI	С			Accon	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 140		Outside Shift	No
Related Reports	N/A					Relate	ed CAPS /	Findings	N/A						
	Ref				Rule or S	ОР	Standard			Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	RWPM R-17-02													
Stariaaras, or Strict	MSRPH R-17-03														
lucus ation I a sation	Mai Trad		Yard	Stati	on O	СС	RTA Facility	FTA Office	Tue els Toure	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type	Х					
Line(s)	D-Lin	^	Track		NI/A		Chain Ma	ırker	From			То			
Lille(s)	D-LIII	е	Numbe	er	N/A		and/or S	tation(s)	New Carrollto	on (D13)		New Carrollton (D13)			
	Hea	ad Car N	umber	1	Number o	f Cars									
Vehicles		N/A			N/A		Equipment		N/A						

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ Date: 2018.02.22 15:29:13 -05'00'	ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			



	FWSO Inspector received a job safety briefing from the WMATA roadway worker	Number of Defects	0
	in charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked, and the working limits reviewed. The	Recommended Finding?	No
	WMATA RWIC covered the nearest hospital and safety rule of the day. The	Remedial Action Required?	No
Description	hazards, clearance areas, and communication were used as part of the discussion. In addition to the required PPE, the Advanced Mobile Flagger (AMF) did have the required equipment, and was compliant with "WMATA PERMANENT ORDER R-17-03, ADVANCE MOBILE FLAGGER, (FRIDAY APRIL 28, 2017)." This equipment consisted of WMATA-approved flashing amber lantern/E-flare, orange flag (18"x18") calibrated working radio, air horn, and whistle. The AMF did notify the RWIC via positive communication (phone) that he was in place (i.e., next station ahead in the direction the mobile crew walked). The flashing amber lantern/E-flare and orange flag had been positioned at the end of the platform (i.e., 8-car marker or end gate). No exceptions were taken. The FWSO Inspector observed the WMATA RWIC request foul time for two hotspots (i.e., curve: restricted view and blind spot) encountered during mobile work crew's cable inspection walk. One hundred percent repeat back did occur on radio communication between RWIC and the Rail Operations Control Center (ROCC). The RWIC relinquished foul time once the mobile work crew completely walked through the hotspot. No issues, concerns, or exceptions were taken to the RWIC performing his duties. The RWIC was compliant with WMATA PERMANENT ORDER R-17-02, GRANTING FOUL TIME (FRIDAY APRIL 28, 2017).	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	Cable In	spection	on Observat	ion		Activity Co	ode	Т	P V	/I	PI
Job Briefing Employee Name/Title	WMA	ATA R'	WIC				ector?	Yes	Out Brief Conducted	Yes	Time	100 14		side ift	No
Related Reports	N/A					Relat	ted CAPS / I	indings	N/A						
	Ref				Rule or S	OP		Standard		Other / 1	Title		Checklist	Refere	ence
	TRST	1000													
	DD-T	DD-TP-SSI-013													
Related Rules, SOPs, Standards, or Other	AC OR DC ELECTRICAL FACILITIES, AC UNIT SUBSTATIONS, AUXILIARY ELECTRICAL ROOMS, TRACTION POWER SUBSTATIONS, DC TIE BREAKER SUBSTATIONS, 14 DAY INSPECTION (REVISION 3, AUGUST, 2011) ATC 3004 – ATC WAYSIDE INSPECTIONS (REVISION 1, AUGUST,		L												
	THIRD RAIL HEAT TAPE SYSTEM – 365 DAY INSPECTION (REVISION 3, JUNE 2013)														
Inconcition I continu	Main Track Yard Sta		Stati	on C	СС	RTA Facility	FTA Office	Track Tur-	At-grad	e Tu	innel	Elevated	I	N/A	
Inspection Location	x						Track Type	Х			х				
			Tunel		Tue el	1	Chain Ba			From			Т)	
Line(s)	D-Lin	е	Track Numb	er	Tracks and 2	1	Chain Mar and/or Sta		D2 552+00 Cheverly (D1:	1)			Carrollton (wood (D10		



	Head Car Number	Number of Cars				
Vehicles	N/A	N/A	Equipment	N/A		
		served WMATA personne	_	-	Number of Defects	13
		and 2 of the D-Line from 1) to Deanwood (D10).	D2 552+00 to New 0	Carrollton	Recommended Finding?	No
	(515) and onereny (51	1) to Deal	Remedial Action Required?	Yes		
Description	TRST 1000 M missing cover at D2 553+0 PMI (Heat T not exother inoperable at 52B3. PMI (Heat T exothermical inoperable at 52B3. PMI (Heat T exothermical inoperable at 52B3. DD-TP-SSI-0 Gedney bus TRST 1000 M missing cover at 1000 M missing co	Tape): #4 American Wire mically welded to the thin at D2 587+00, Trackside of the properties of the pr	gtails were observed Gauge (AWG) wire waird rail and hence he Heater Control Pane Gauge wire was observed Heater Control Pane Gauge wire was observed at D1 Two damaged crose beserved at D1 400+6 ling water surroundi was observed at D1 I cone damaged crose badly nicked at D1 Iney bushings in poword. I erved at D2 591+00 I erved at D1 402+00 I g signs of excessive was	was observed eat tape was el H2-D12- served not at tape was el H2-D12- hing on power ing O-Z observed 412+00, box s-bond cables oo. ng outside and 394+00. s-bond cable at seal missing) abling from 372+00. wer conduit	Recommended Reinspection?	Yes
				nd annroach at D	2 552±00	
Remedial Action	 WMATA mu WMATA mu D12-52B3. WMATA mu D12-52B3. WMATA mu 	ist weld #4 AWG wire to	ower cable pigtails a third rail to make he running rail to make I O-Z Gedney bushin conduit stub-up an ill cover board on en t D1 412+00, box D1 cross-bond cables a on outside of Tie-Bross-bond cable at D1 is rom impedance bor	at D2 553+00. Leat tape operable Le heat tape operable g on power cond d install O-Z Ged ad approach at D L19. L19. L19. L101 400+00. L102 L203 L203 L203 L203 L203 L204 L205 L205 L205 L206 L206 L206 L207 L207 L208 L20	e at D2 587+00, Trackside Heater Coable at D2 587+00, Trackside Heater duit stub-up at D2 591+00. Iney bushing at D2 592+00. 1 413+00. D1 394+00.	



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	2019021E W/M	// ATA \/	VD 2				
inspection Date	2018	02	15	Report Number	20180215-WMATA-WP-3						
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST	Sub- Dep	TKIN				
		Name		Email	Office Phon	е	N	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	D-Line, track 2, Deanwood (D10) to New Carrollton (D13)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection	on Subj	ect	Job Safe	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6464					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS / I	indings	N/A						
	Ref			-	Rule or S	OP Standard			Other / Title			Checklist Reference			
Related Rules, SOPs, Standards, or Other	RWP	RWPM													
Standards) or other															
lucus ation I a sation	Mai Trac	l Ya	ard	Statio	on C	осс	RTA Facility	FTA Office	Tue els Tour	At-grad	e Tur	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type	х				Х	
12(.)	D.11.		Track		21/2		Chain Ma	rker		From		То			
Line(s)	D-Lin	e	Numbe	r	N/A		and/or St	ation(s)	New Carrollto	on Yard (D99	(6	New	Carrol	Iton Yard (D99)
	Hea	ad Car Nur	nber	N	lumber c	of Cars									
Vehicles	Vehicles N/A	N/A		Equip	uipment N/A										

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELI DN: c=US, o=U.S. Government, ou=FTAI Date: 2018.02.23 13:39:57 -05'00'	Q, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard			





	E14/00 /		, .	1 (T C46.						1	1
		spector recei 9) Track Insp				_		ew Carrollton	Number	of Defec	ts			0
	,	the type of o				_	•	_	Recomm	ended Fi	nding?			No
Description		azards and h		•		_	•		Remedia	l Action	Require	d?		No
Description		nospital, and		-		otective eq	uipment (PP	E) and						
	roadway	worker prote	ection	(RWP) ID					Recomm	ended R	einspec	tion?		No
	The FWS	O inspector	did not	t note an	v defe	cts.								
Remedial Action	N/A	· ·····			,									
Incorporation Authority #	2 1-	C		Tue el. VA	tallian t	Observation			A	l.	TD	V	\A/I	ODC
Inspection Activity #	2 In	spection Sub	ject	Track W	/aiker (Observation	1		Activity Co	oae	TR	.K	WI	OBS
Job Briefing Employee Name/Title	TRST 6464 Accompanied Inspector? Accompanied Yes Out Brief Conducted								Yes	Time	1000 1400		utside Shift	No
•	2017100	4-WMATA-A	G-1											
		6-WMATA-N												
Related Reports	2016082	5-WMATA-TI	L-1		Rela	ted CAPS /	Findings	Remedial Act 948, 244, 245		78, 118, 9	936, 937	7, 1682, 9	944, 945,	946, 947,
	2016083	1-WMATA-RI	PM-1					940, 244, 243	,					
	2016041	2-WMATA-TO	GB-1											
	Ref			Rule or S	ОР			Other / T	itle		Checkli	st Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST-100	00 rev. 6												
	Main	Yard	Statio	on C	осс	RTA	FTA		At-grad	_ Tii	nnel	Eleva	ted	N/A
Inspection Location	Track	70.0	o tu ti			Facility	Office	Track Type	710 81 44		с.	2.074		,
	X		Х						Х			Х		
		Track				Chain Ma	rker		From				То	
Line(s)	D-Line	Numb	er	Track 2	2	and/or St		Deanwood (D	010)		New	Carrollto	n (D13)	
	Head C	ar Number	N	Number c	of Cars						1			
Vehicles		N/A		N/A	١	Equip	ment	N/A						
		spector obse					•		Number	of Defec	ts			2
							. ,	lew Carrollton n previously	Recommended Finding?					No
	, ,	medial actio		leu tracr	Conui	ilions and it	ollowed up o	ii previousiy	Remedial Action Required?					Yes
	The follo	wing non-co	lor-coc	ded defe	cts we	re observed	l:							
	•	TRST 1000	, 3.1.2.	. 5 : At D2	486+0	00 ETS the li	ght was out	at Box D138.						
	•		13.3.1	L 5: At D2	553+1	0, the end t	hird rail cove	er board was						
		missing.												
	The follo	wing remedi	ial actio	ons were	verifi	ed as comp	lete:							
	•	Remedial	Action	ID #1678	3: WM	ATA has rep	laced rail at	D2 416+40.						
Description	•	Remedial	Action	ID #118:	WMA	TA has repla	aced cover b	oard at end						
Description		approach a		•										
	•		Action	ID #936:	WMA	TA repaired	the joint ba	r at D2	Recomm	ended R	einspec	tion?		Yes
	•	460+50.	Action	ID #027:	\\/\\ /\\ /\\	TA ropaired	the defective	e fasteners at						
		D2 473+90		10 #337.	VVIVIA	1A repaired	the defectiv	e iastellers at						
				ID #1682	2: WM	ATA remove	ed relav rail a	at D2 477+20.						
	•						-	pard insulators						
		at D2 516+												
	•	Remedial	Action	ID #945:	WMA	TA replaced	I ties at D2 5	23+50.						
	•	Remedial	Action	ID #946:	WMA	TA repaired	third rail ins	ulators from						
		D2 540+00) to D2	546+40.										
	•	Remedial	Action	ID #947:	WMA	TA replaced	ties at D2 54	40+00.						





	 Remedial Action ID #948: WMATA replaced fasteners from D2 546+54 to D2 565+80. Remedial Action ID #244: WMATA repaired ETS light at D2 563+00. Remedial Action ID #245: WMATA repaired cabinet door at D2 578+70. 	
Remedial Action	To achieve compliance with WMATA's requirements: • WMATA must repair the ETS light at Box D138, D2 486+00. • WMATA must replace end cover board at D2 553+10.	

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ersion date: 8/26/16 3



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	20180216-WMATA-WP-1					
inspection Date	2018	02	16	Report Number	20180210-WWATA-WF-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	Sub- Department			
	Name			Email	Office Phone Mobile P			Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location	Shirley Highway (C08 – Pentagon City) Traction Power Substation (TPSS)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TF)	JSB	OBS
Job Briefing Employee Name/Title	WMA	WMATA Power Personnel				Vec		Out Brief Conducted	Yes	Time	010 050		Outside Shift	Yes	
Related Reports	N/A					Relate	Related CAPS / Findings N/A								
	Ref	ef Rule or SOI			ОР		Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRF	РΗ													
Standards, or Other															
	Mai Trac		Yard	Statio	on C	осс	RTA Facility	FTA Office	T	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type						Х
Line/a)	C-Lin	•	Track		NI/A		Chain Ma	rker		From	·		То		
Line(s)	C-LIII	e	Numbe	er	N/A		and/or St	ation(s)	Shirley Highw	ay (C08) TP	SS	Shirley Highway (C08) TPSS			TPSS
	Hea	ıd Car Nı	umber	١	Number of Ca					•	•			•	
Vehicles		N/A			N/A		Equipment		N/A						

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

Inspector in Charge - Signature				Date
	W	VINSLOW L. POWELL	Digitally signed by WINSLOW L. POWE DN: c=US, o=U.S. Government, ou=FT Date: 2018.02.23 13:54:06 -05'00'	LL AHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





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

Inspection Activity #	2	Insp	ection Sub	ject	Cable R	eplacen	nent Obser	vation		Activity Co	ode	Т	Р	RM	OBS
Job Briefing Employee Name/Title	WMA [*]	TA R'	WIC			Accor	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	010 05		Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or S	OP		Standard		Other / T		Checklist Reference			
Related Rules, SOPs, Standards, or Other	PREVENTIVE MAINTENANCE INSTRUCTIONS (PMI) AC OR DC ELECTRICAL FACILITIES, AC UNIT SUBSTATIONS, AUXILIARY ELECTRICAL ROOMS, TRACTION POWER SUBSTATIONS, DC TIE BREAKER SUBSTATIONS, 14 DAY INSPECTION (REVISION 3, AUGUST, 2011)														
Inspection Location	Mair Trac		Yard	Stati	ion (ОСС	RTA Facility	FTA Office	Track Type	At-grade	e Tu	Tunnel		vated	N/A
•				Х					,,						Х
Line(s)	C-Line	2	Track Number	er	N/A		Chain Ma and/or St		Shirley Highw	From vay (C08) TP:	rom To) TPSS
Vehicles	Head		Number	ı	Number o		Equip	ment	Positive Feed	ler Cable (10	00МСМ,	shielde	ded)		
	The F\			bserv			tractors an	d WMATA po	ower	Number	of Defec		0		
			•						at terminate	Recomm					No
						•		urrent tempe gs, and then	•	Remedia					No
Description	the ca are in from a Also, t equip Shirley Preve	correctly with barrel lugs and a splice kit (termination kit). Top fed means bles from the third rail on mainline track to the feeder breakers in the TPSS cable tray above the DC switchgear and terminate on the feeder breakers above and not below ground. The FWSO inspector visually inspected the condition of all electrical ment in the traction power substation and the overall facility condition. We Highway (CO8) TPSS was visually inspected for compliance with the intative Maintenance Instruction (PMI) for TPSS. WSO inspector did not note any defects.									No				
Demodial 6 - 11 - 1		wso	inspector	did no	t note an	y defec	ts.								
Remedial Action	N/A														



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	20180216-WMATA-WP-2					
inspection Date	2018	02	16	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN		
		Name		Email	Office Phone		N	Nobile Phone		
Rail Agency Department Contact Information										
Inspection Location	D-Line, Track 1, New Carrollton (D13) to Deanwood (D10)									

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	8				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ty Briefir	ng			Activity Co	ode	TRI	K	JSB	OBS	
Job Briefing Employee Name/Title	TRST 6	464			Accom _i Inspect		Yes	Out Brief Conducted	Yes	Time	1000- 1400		Outside Shift	No	
Related Reports	N/A	N/A				elated CAPS / Findings N/A									
	Ref	Ref Rule or SC			ОР		Standard		Other / Title			Che	Checklist Reference		
Related Rules, SOPs, Standards, or Other	RWPN	1													
Standards, or Strict															
luonosticu locaticu	Main Track	Yard	Statio	Station O		RTA Facility	FTA Office	Tue els Tour	At-grad	e Tur	nnel	Ele	evated	N/A	
Inspection Location			Х					Track Type	Х			x			
				1					From				То		
Line(s)	D-Line	Track Numbe	er	N/A		hain Maind/or Sta		New Carrollto	on (D13)	n (D13) D		Peanwood (D10)			
	Head	l Car Number	N	Number of Cars											
Vehicles		N/A		N/A		Equipment		N/A							

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAH Date: 2018.02.23 14:08:40 -05'00'	Q, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard			
Willistow Fower	Lee Lindra			





	FWSO in	nspector recei	ved a	job safet	y briefii	ng fro	m TRS	T 6464 at Ne	ew Carrollton	Number	of Defect	is			0	
		99) Track Insp								Recomm	ended Fi	nding?			No	
		I the type of o hazards and h			•		_		•		l Action F		ed?		No	
Description	nearest roadwa	hospital, and y worker prot	a che ection	ck of pers (RWP) II	onal pr D.	rotect	-				ended Re				No	
Remedial Action	N/A	SO inspector	aia no	ot note a	ту аете	cts.										
Inspection Activity #		nspection Sub	niect	Track \	Valker (Ohser	vation			Activity Code TRK			!K	WI	OBS	
Job Briefing Employee Name/Title	TRST 64	·	,,,,,,	1.000	Acco	mpar ector	nied	Yes	Out Brief Conducted	Yes	1000)-	Outside Shift	No	
Related Reports	20180203-WMATA-WP-1 Related CAPS / Findings Remedial Action								ion ID #: 21	12						
·	Ref			Rule or				Standard		Other / 1	itle		Check	list Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST-10	000 rev. 6														
Standards, or Other																
Inspection Location	Main Track	Yard Station Off							At-grad	e Tui	nnel	Elev	ated	N/A		
	Х	X X						X			Х					
Line/s)	D-Line	Track - Chain Marker							From			То				
Line(s)	D-Line	Numb	er	Track	1	and	/or St	ation(s)	New Carrollto	on (D13)		Dean	wood ([010)		
Vehicles	Head	Car Number		Number	of Cars		Equip	ment	N/A							
		N/A		N/.												
	FWSO inspector observed WMATA employees and contractors perform a track inspection on track 1 of the D-Line between New Carrollton (D13) and Deanwood									of Defect				8		
	(D10). lı	(D10). Inspectors also inspected track conditions and followed up on previously									ended Fi		- d 2		No Yes	
	issued r	emedial actio	ns.							Remedial Action Required?					162	
Description	The foll	was out at TRST 1000), 3.1.2 : Box E), 3.1.2), 3.1.2), 3.1.2), 3.1.2	2.5: At D D143. 2.5: At D 2.5: At D 2.5: At D 2.5: At D 2.5: At D 2.5: At D	1 502+0 1 486+0 1 478+0 1 471+0 1 465+0 1 458+0 1 450+3	00, Em 00, ET: 00, ET: 00, ET: 00, ET: 30, ET:	nergen S light S light S light S light S light S light	was out at E was out at E	Box D137. Box D135. Box D133. Box D131.	Recomm	ended Re	einspec	ition?		Yes	
	•	end appro	Action ach at	n ID #211 t D1 402+	2: WM/	ATA h	as rep		ver board at							
Remedial Action	To achie	 WMATA must repair ETS light at Box D137, D1 478+00. WMATA must repair ETS light at Box D135, D1 471+00. WMATA must repair ETS light at Box D133, D1 465+00. WMATA must repair ETS light at Box D131, D1 458+00. WMATA must repair ETS light at Box D129, D1 450+30. 														



FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY			Report Number	20190219 \\/\	// ATA \/	VD 1				
inspection Date	2018	02	18	Report Number	20180218-WMATA-WP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN			
	Name			Email	Office Phone			Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	C-Line, Track	ς 2, Rosslyn (C0	05)								

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspecti	ion Subj	ect	Work Z	one Set	up Observa	ition		Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	N/A					Accor	mpanied ctor?	N/A	Out Brief Conducted	N/A	Time	080	-	Outside Shift	Yes
Related Reports	N/A					Related CAPS / Findings N/A			N/A						
	Ref		Rule or S			ОР		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	M													
Standards, or Other															
	Maii Trac	l Y	'ard	Statio	on C	ОСС	RTA Facility	FTA Office	T	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	Х			Х					Track Type			X			
Line(a)	C-Line		Track		Track 2	,	Chain Ma	rker		From		То			
Line(s)	C-LITTE	=	Numbe	er	IIIdCK 2	<u> </u>	and/or St	ation(s)	Rosslyn (C05)			Rossl	yn (C0	05)	
	Hea	d Car Nu	mber	N	Number o	of Cars								•	•
Vehicles		N/A			N/A	١	Equip	ment	N/A						

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAH Date: 2018.03.06 11:55:48 -05'00'	Q, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Alexander Nepa			





	FWSO inspector performed a station platform observation and work zone set-up	Number of Defects	1
	verification at C2 140+90. FWSO inspector observed the condition of the track bed, cover boards, Emergency Trip Station (ETS) lights, drainage, and general	Recommended Finding?	No
	track conditions, as well as reviewing the work limit established at this location	Remedial Action Required?	Yes
Description	for compliance with the roadway worker protection manual.		
	The following non-color-coded defect was observed: • RWPM 2.17.3 pg. 40: At C2 140+90, an e-flare light was not working. See figure 1 below	Recommended Reinspection?	No
Remedial Action	To achieve compliance with WMATA's requirements:		
	WMATA must ensure proper RWP setup.		

Photos



Figure 1: At C2 140+90, e-flare light was not operating.



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	20180221-WMATA-WP-1					
inspection date	2018	02	21	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN		
		Name		Email	Office Phon	е	N	Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location	A-Line, Track 2, Rockville (A14) to Twinbrook (A13)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspect	tion Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	601				Accon	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref					ОР		Standard		Other / T	itle		Che	cklist Refe	ence
Related Rules, SOPs, Standards, or Other	RWPI	М													
lucus ation I a sation	Mai Trac	,	Yard	Statio	on C	осс	RTA Facility	FTA Office	Tuesda Tauss	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type	х					
Lina/a)	A-Lin		Track		NI/A		Chain Ma	rker		From	·	То			
Line(s)	A-LIII	е	Numbe	er	N/A		and/or St	ation(s)	Rockville (A14	4)		Twinl	brook	(A13)	
.,	Hea	nd Car Nu	ımber	N	Number o	of Cars			21/2						
Vehicles		N/A			N/A		Equip	ipment N/A							

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL District, Service S	LL HHQ ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Lee Emard, Anthony Johnson	

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



	FWSO ir	nspectors rece	eived a	a iob safet	v brief	ing from TR	ST 601 at Ro	ockville (A14)	Number	of Defect	te			0	
	prior to	entering the	roadw	ay. The br	iefing	covered the	type of on-	track		nended Fi				No	
		on, the worki	_			•								No	
Description		ule of the day. Il protective e							Keilleuid	Remedial Action Required?				140	
	persona	ii protective e	quipii	ient (PPE)	allu lu	auway woi	kei protectii	UII (KVVP) ID.	_						
	The FW	SO inspector	did no	ot note an	y defe	cts.			Recommended Reinspection?					No	
Remedial Action	N/A														
Inspection Activity #		nspection Sub	niect	Remedi	al Actio	on Verificati	ion		Activity Code TRK			WI	PI		
Job Briefing	2 1	ispection suc	,jeet	Remean	ui Actic	on vermeati			Activity C	Juc				11	
Employee Name/Title	TRST 601 Accompanied Inspector? Yes Out Brief Conducted							Yes	Time	1400		Outside Shift	No		
Related Reports	201704	14-WMATA-W	/P-1		Relat	ted CAPS /	Findings	Remedial Act	ion ID #: 12	83, 1282					
	Ref			Rule or S	ОР		Standard		Other /	Γitle		Checl	dist Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST-10	000 rev. 6													
Starradius, or other															
	Main	Yard	Stat	tion C	OCC	RTA	FTA		At-grad	e Tu	nnel	Elev	ated	N/A	
Inspection Location	Track					Facility	Office	Track Type							
	Х							Х							
/>		Track				Chain Ma	rker		From			То			
Line(s)	A-Line	Numb	er	Track 2		and/or St	ation(s)	Rockville (A1	4)		Twin	brook (A13)		
	Head (Car Number		Number o	of Cars										
Vehicles		N/A		N/A		Equip	ment	N/A							
	FWSO inspectors observed WMATA employees perform a track inspection on								Number	of Defect	ts			7	
	track 2 of the A-Line between Rockville (A14) and Twinbrook (A13). Inspectors also inspected track conditions and followed up on previously issued remedial								Recomm	ended Fi	nding?			No	
	actions.		onanti	10113 4114 10	JIIOWC	a up on pre	viousiy issue	a remedia	Remedia	al Action I	Require	ed?		Yes	
	i ne toli	owing non-co TRST 1000						at box A216.							
	•					•	•	of explanation							
		joint and r					Ü								
	•	TRST 1000	13.3.	. 2.5: At A2	769+5	3, the ETS b	oox A212 wa	is missing a							
		cover.													
	•		13.3.	. 15: At A2	737+90	0, the end t	hird rail cove	er board was							
Description		missing.	42.2	45 41 42	722 - 41	E N. ETC.	-1-1	-1.1 1200							
2000	•					d was missi		at box A200,							
							U	er board was	Recomm	ended Re	einsped	tion?		Yes	
		missing.	13.3.	.13.710712	,01.5	o, the chart	illia rali covi	er boara was							
	•	_	13.3.	. 15: At A2	701+10	0, the end t	hird rail cove	er board was							
	missing.														
	The fell		اما		wifi	. d . a . a . a . a . a . a . a . a . a	lata.								
	•	owing remed Remedial				-		ene sleeve on							
		cable pigta							"						
	•	Remedial	Action	n ID #1282	2: WM	ATA has rep	laced heat s	hrink at A2							
		788+00.													
	To achie	eve complianc	e with	n WMATA'	's requi	irements:									
Remedial Action	•	·					-87 Box A21	6.							
	•	WMATA m	nust in	nstall the n	nissing	nut and car	rter pin in ex	planation joint	at A2 777+0	00.					





- WMATA must repair the broken door at ETS box A212 at A2 769+53.
- WMATA must replace the cover board end at A2 737+90.
- WMATA must repair the ETS light at A2784+87 Box A216.
- WMATA must replace the cover board end at A2 704+30.
- WMATA must Replace the cover board end at A2 701+10.

Form FTA-IR-1 Version date: 8/26/16

Yersion date: 8/26/16 3



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	20190221 \	20180221-WMATA-WP-2					
inspection date	2018	02	21	Report Number	20100221-WWATA-WF-2						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	partment				
		Name		Email	Office Phon	e	N	Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	F-Line, Track 1, Naylor Rd (F09) to Branch Ave (F11)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ty Briefi	ng			Activity Co	vity Code		Р	JSB	OBS
Job Briefing Employee Name/Title	WMATA RWIC				Accom	panied tor?	Yes	Out Brief Conducted	Yes	Time	100 140		Outside Shift	No	
Related Reports	N/A					Relate	d CAPS / I	indings	N/A						
	Ref Rule or			Rule or S	ОР		Standard		Other / Title			Checklist Reference			
Related Rules, SOPs, Standards, or Other	RWPM				R-17-02										
Standards) or Other	MSRF	РН	R-17-03												
Incompation I problem	Mai Trac	,	Yard	ord Station		ОСС	RTA Facility	FTA Office	Office		Tunnel		Elevated		N/A
Inspection Location				Х					Track Type						Х
Line(s)	Track			N/A Chain Ma			rker		From			То			
Line(s)	F-Line	2	Numbe	er	N/A		and/or Station(s)		Naylor Rd (F09)			Naylor Rd (F09)			
Vehicles	Hea	d Car N	d Car Number Number												
		N/A		N/A			Equip	ment	N/A						

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL		Q, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





Description	FWSO inspector received a job safety briefing from the roadway worker in charge	Number of Defects	0
	(RWIC) at Naylor Rd (F09) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
	and hotspots, the safety rule of the day, the location of the nearest hospital, and	Remedial Action Required?	No
	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 Ins	pection Sub	iect	Cable In	spection	Observat	tion		Activity Co	ode	TP	TP		OBS
Job Briefing Employee Name/Title	WMATA RWIC			Accompanied Yes		Out Brief Conducted	Yes	Time	1000- 1400		Outside Shift	No		
Related Reports	N/A				Relate	d CAPS / I	Findings	N/A						
	Ref Rule				or SOP Standard			Other / 1	Title		Checklist Reference			
	TRST 100	0												
Related Rules, SOPs, Standards, or Other	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)													
Inspection Location	Main Track	Yard	Statio	on C	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	vated	N/A
mspection Education	Х								х		х	Х		
Line(s)	F-Line	Track Numb	er	Track 1		Chain Ma and/or St		Naylor Rd (F0	From Branc			To ch Ave (F11)		
	Head Ca	ar Number	N	lumber c	of Cars	, ,			,				,	
Vehicles	1	N/A		N/A	1	Equip	ment							
	An FWSO inspector observed WMATA personnel conducting a walking cable inspection on track 1 of the F-Line from Naylor Rd (F09) to Branch Ave. (F11).									of Defect	ts		2	
	inspection	n on track 1	-Line fro	om Naylo	Recomm	nding?			No					
	The follow	wing non-co	led defe	cts were	Remedia	emedial Action Required?				Yes				
Description	•	TRST 1000 466+00. EMI: Powe kindorf at I	s were ir +00.		Recommended Reinspection?					Yes				
	Other Notable Observations: Cables lying on the ground were observed at F1 418+00. Cables lying on the ground were observed at F1 428+00. Cables lying on the ground were observed at F1 438+00. Cables lying on the ground were observed at F1 496+00.											-		
Remedial Action	To achiev •	e complianc WMATA m WMATA m	ust mit	tigate wa	ater intru	sion at F1								

Form FTA-IR-1



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	20180222-WMATA-WP-1						
inspection Date	2018	02	22	Report Number	20180222-VVIVIATA-VVP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department		TKIN			
		Name		Email	Office Phon	e	N	Mobile Phone			
Rail Agency Department Contact Information											
Inspection Location	A-Line, Track										

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	6				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TRK		JSB	OBS
Job Briefing Employee Name/Title	TRST 6	501			Yes			Out Brief Conducted	Yes	Time	1000- 1400		Outside Shift	No
Related Reports	N/A				Relate	ed CAPS / F	Findings N/A							
	Ref						Standard		Other / T	itle		Chec	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	1												
Standards, or Other														
	Mair Trac	Yard	Stati	ion C	осс	RTA Facility	FTA Office	T	At-grade	At-grade Tunnel		Ele	vated	N/A
Inspection Location			Х					Track Type			x			
Lina(a)	A-Line	Track		N/A		Chain Ma	rker		From				То	
Line(s)	A-LITTE	Numb	er	IN/A		and/or Sta	ation(s)	Cleveland Par	k (A05)		Clevel	eland Park (A05)		
	Head	d Car Number		Number o	of Cars			21/2						
Vehicles		N/A		N/A		Equip	ment	N/A						

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWE DN: c=US, o=U.S. Government, ou=FT. Date: 2018.03.01 10:40:50 -05'00'	LL NHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team		
Winslow Powell	Lee Emard, Anthony Johnson		



	EWSO in	sportors roc	oivod s	n ioh safor	ty briof	ing from TP	ST 601 at Cla	eveland Park		(5.6				
		or to enterir		•	•	•			Number		-			0
		,	0			•		notspots, the	Recomm					No No
Description		le of the day						eck of on (RWP) ID.	Remedia	ACCIOIT	require	eur	NO	
		O inspector					ne. protectiv	(, .2.	Recomm	ended R	einspec	ction?		No
Remedial Action	N/A													
Inspection Activity #	2 In	spection Su	bject	Remed	ial Actio	on Verificati	on		Activity Co	ode	TR	RK	WI	PI
Job Briefing Employee Name/Title	TRST 602	L				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000	-	utside Shift	No
Related Reports	2017033	4-WMATA-V 1-WMATA-V irective 15-1	NP-2		Rela	ted CAPS / I	Findings	Remedial Act 1933, 1940, 1 Corrective Ac	1941				66, 1265,	, 1264,
	Ref									itle	•		st Refer	ence
Related Rules, SOPs,	TRST-100	00 rev. 6		P.O. R-1										
Standards, or Other														
Inspection Location	Main Track	Yard	Stat	tion (эсс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Eleva	ted	N/A
.,	Х							7,			Х			
		Track				Chain Ma	rker		From				То	
Line(s)	A-Line	Numb		Track	1	and/or St		Cleveland Par	rk (A05)		Tenle	eytown-A	U (A07)	
Waltala	Head C	ar Number		Number	of Cars	· · ·		21/2						
Vehicles		N/A		N/A	A	Equip	ment	N/A						
		spectors obs				•			Number	of Defec	ts			6
		f the A-Line rs also inspe					•	iously issued	Recomm	ended Fi	nding?			No
	remedia	•						,	Remedia	l Action	Require	ed?		Yes
	The follo	wing color-	coded	defect wa	as note	d:								
	•	_					secutive def	ective						
		fasteners Yellow Co			41 220+	+30 on the r	ight rail in a	tangent track.						
		Tellow Co	marcio	,,,,										
		wing non-co												
	•	missing.	0 13.3.	.15: At A1	194+5	u, the end ti	nira raii cove	er board was						
	•	TRST 1000					ail anchor wa							
Description	•						or did not ap	opear to t is addressed						
						-2-18-A and		i is additessed	_					
	•						ail anchor wa		Recomm	ended R	einspec	tion?		Yes
	•	TRST 1000	0 13.3.	. 4: At A1 2	227+40	, the third ra	ail anchor wa	as broken.						
	The follo	wing remed				•								
	•	Remedial at A1 182		n ID #192	8: WM/	ATA has rep	aired the wa	iter intrusion						
	•			n ID #193	0: WM	ATA has und	logged the o	drain at A1						
		191+00.												
	•		Action	n ID #193	1: WM/	ATA has und	drain at A1							
	192+00. Remedial Action ID #1932: WMATA has repaired the ETS have door at													
		Remedial Action ID #1932: WMATA has repaired the ETS box door at A1 192+00.												





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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	Papart Number	20190222 \	/ATA \/	20180222-WMATA-WP-2					
Inspection Date	2018	02	22	Report Number	20160222-WWATA-WP-2							
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	artment					
		Name		Email	Office Phone		N	Nobile Phone				
Rail Agency Department Contact Information												
Inspection Location	G-Line, Track	c 2, Benning Ro	d (G01) to Addi	son Rd (G03)								

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	11				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ety Brief	ing			Activity Co	ode	TI	Р	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA RWIG	С			Accon	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 140	-	Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref					OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	М		R-17-02											
Standards, or Strict	MSRF	PH		R-17-03											
Inneration I costion	Mai Trad	,	Yard	Statio	on C	ОСС	RTA Facility	FTA Office	Tuesda Tauss	At-grad	e Tur	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type						Х
Line(a)	G-Lin		Track		N/A		Chain Ma	rker		From	·			То	
Line(s)	G-LIII	е	Numbe	er	IN/A		and/or St	ation(s)	Benning Rd (G01) Be			Benning Rd (G01)		
	Hea	ad Car Nu	umber	N	Number o	of Cars			21/2				_	•	
Vehicles		N/A			N/A		Equip	ment	N/A						

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWEL DN: c=US, o=U.S. Government, ou=FTA Date: 2018.03.01 10:48:58 -05'00'	L HQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Tino Sahoo		





	FWSO inspector received a job safety briefing from the roadway worker in charge	Number of Defects	0
	(RWIC) at Benning Rd (G01) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
Description	and hotspots, the safety rule of the day, the location of the nearest hospital, and	Remedial Action Required?	No
Description	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 Ins	pection Sub	ject	Cable In	spectio	on Observa	tion		Activity C	ode	Т	Р	WI	OBS
Job Briefing Employee Name/Title	WMATA I	RWIC				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100 14		Outside Shift	No
Related Reports	N/A				Relat	ted CAPS /	Findings	N/A						
Deleted Delete CODe	Ref			Rule or S	ОР		Standard		Other / Title				list Refer	ence
Related Rules, SOPs, Standards, or Other	TRST 100	0												
Inspection Location	Main Track	Yard	Statio	on O	СС	RTA FTA Facility Office		Track Type	At-grade Tu		nnel	Elev	ated	N/A
•	Х							,,	Х		X			
Line(s)	G-Line	Line Track Number Track 2 Chain Marker and/or Station(s) Benning Rd (From		son Rd (To		
	Head Ca	Head Car Number Number of Cars									Addis	son nu (003)	
Vehicles		N/A		N/A		Equip	ment	N/A						
		pector obser						ection on 3). Inspectors	Number	of Defect	is			11
		ected cable a			٠,	,	iisoii Nu (Oo.	o). Hispectors	Recomm	ended Fi	nding?			No
Description		396+00. TRST 1000 396+00. TRST 1000 observed a TRST 1000 observed a TRST 1000 trsT 1000 415+00. TRST 1000 trsT 1000 observed a TRST 1000 observed a TRST 1000 observed a	Manua Manua Manua Manua Manua Manua Manua t G2 44 Manua t G2 46 Manua t G2 46	al, 3.2.2.: 97+00. al, 3.2.2.: 15+00. al, 3.2.2.: 15+00. al, 3.2.2.: 49+00. al, 3.2.2.: 65+00. al, 3.2.2.: 67+00.	1: Clog 1: Stan 1: Clog 1: Stan 1: Clog 1: Clog 1: Clog 1: Stan 1: Stan 1: Stan	ged drains ding water ged drains ding water ged drains ged drains ding water ding water ding water ding water	was observed were observed and heavy nowere observed and heavy nowere observed and heavy nowere observed and heavy nowere observed were observed and heavy nowere observed and	ed at G2 nud were ed at G2 nud were ed at G2 ed at G2 nud were nud were nud were	Recomm	ended Re	einspec	ction?		Yes
Remedial Action	To achiev	WMATA m	ust mit ust und ust mit ust und ust mit	tigate wa clog drair tigate wa clog drair tigate wa	iter int ns at G iter int ns at G iter int	rusion at G. 2 396+00. rusion and 2 397+00. rusion and	clean up mu	d at G2 397+00. d at G2 415+00.						

Form FTA-IR-1





- WMATA must unclog drains at G2 436+00.
- WMATA must mitigate water intrusion and clean up mud at G2 449+00.
- WMATA must mitigate water intrusion and clean up mud at G2 465+00.
- WMATA must mitigate water intrusion and clean up mud at G2 467+00.
- WMATA must unclog drains at G2 467+00.



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	20180223-WMATA-WP-1					
inspection date	2018	02	23	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	TKIN		
	Name			Email	Office Phon	e	N	Nobile Phone		
Rail Agency Department Contact Information										
Inspection Location A-Line, Track 1, Woodley Park (A04) to Cleveland Park (A05)										

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 ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 60	01			Accon	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref	f Rule or S					Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPM													
Standards, or Other														
	Main Track	Yard	Stat	ion C	осс	RTA Facility	FTA Office	T	At-grade	At-grade Tun		Ele	evated	N/A
Inspection Location			Х					Track Type			X			
Line(s)	A-Line	Track		N/A		Chain Ma	rker		From			•	То	
Lilie(s)	A-LINE	Numbe	er	IN/A		and/or Sta	ation(s)	Woodley Parl	(A04)		Wood	dley P	ark (A04)	
	Head	Car Number		Number of Cars				N/A						
Vehicles		N/A		N/A	A Equip		ment							

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POW DN: c=US, o=U.S. Government, ou=F Date: 2018.03.01 15:07:05 -05'00'	ELL TAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team		
Winslow Powell	Lee Emard, Anthony Johnson		





	FWSO inspectors received a job safety briefing from TRST 601 at Woodley Park	Number of Defects	0
	(A04) 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	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2 Ins	pection Sub	ject	Remed	dial Actio	on Verificati	on		Activity Co	ode	TF	RK	WI	PI
Job Briefing Employee Name/Title	TRST 601					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000		Outside Shift	No
Related Reports	20180104	2-WMATA-W 1-WMATA-W L-WMATA-W	/P-2		Relat	Related CAPS / Findings Remedial Action			ion ID #: 192	on ID #: 1921, 1924, 1263				
	Ref			Rule or	SOP		Standard		Other / T	itle		Chec	dist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-1000 rev. 6													
Inspection Location	Main Yard Station		осс	RTA Facility	FTA Office	Track Type	At-grad		nnel X	Elev	rated	N/A		
	Λ						-		F		^ 		T.	
Line(s)	A-Line	Track Numb	er	Track	1	Chain Ma and/or St		Woodley Parl	From k (AOA)		Cleve	reland Park (A05)		
Vehicles		ar Number	1	Number N/		Equip	ment	N/A	(//		0.000		(* 100)	
		pectors obse	erved \	•		ees perforn	n a track insp	pection on	Number	of Defect	ts			3
	track 1 of	track 1 of the A-Line between Woodley Park (A04) and Cleveland Park (A05).								ended Fi	nding?			No
		Inspectors also inspected track conditions and followed up on previously issued remedial actions.								l Action I	Require	ed?		Yes
Description	•	The following non color-coded defects were observed: • TRST 1000, 13.17.4.1: From A1 134+00 to A1 337+70, there was relay rail between the running rail and catwalk, which was a tripping hazard. • TRST 1000 13.3.15: At A1 134+60, the end third rail cover board was missing. • TRST 1000 7.9.2.5: From A1 45+95 to A1 146+40, there were five fastener studs that exceeded the height limit of three inches. The following remedial actions were verified as complete: • Remedial Action ID #1921: WMATA has replaced the high stud at A1 145+60, left rail.											Yes	
Remedial Action	To achieve compliance with WMATA's requirements: WMATA must remove the relay rail at A1 134+00 to CM A1 137+70. WMATA must replace the third rail end cover at A1 134+60. WMATA must cut five fastener studs at A1 145+90 to A1 146+40.													



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	20180224-WMATA-WP-1					
inspection bate	2018	02	24	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	partment			
	Name			Email	Office Phone			Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location Arlington Cemetery (C06) – C2 209+00 to C2 205+00 and C2 200+00 to C2 195+00										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Su	bject	Job Saf	ety Brief	fing			Activity Co	ode	TF	Р	JSB	OBS
Job Briefing Employee Name/Title	WMA ⁻	TA RWIC			Accor	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	010 070	-	Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref	Ref Rule or S					Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	1												
Standards, or Other	MSRPI	Н												
	Mair Track	Yard	Stat	ion (осс	RTA Facility	FTA Office	T	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location	Х							Track Type						Х
Line(a)	Clina	Track		NI/A		Chain Ma	rker		From		То			
Line(s)	C-Line	Numi	er	N/A		and/or St	ation(s)	Arlington Cen	netery (C06)		Arling	gton C	Cemetery (06)
	Head	d Car Number		Number	er of Cars				•					
Vehicles		N/A		N/A	4	Equip	ment	N/A						

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW DN: c=US, o=U.S. Governmen Date: 2018.03.01 15:09:54 -03	nt, ou=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





	FWSO inspector received a job safety briefing from the roadway worker in charge	Number of Defects	0
	(RWIC) at Arlington Cemetery (C06) prior to entering the roadway. The briefing covered the working limits, where to clear, known hazards and hotspots, the	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
	The FW30 hispector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 Ins	spection Sub	ject	Heat Ta	pe Instal	lation Ob:	servation		Activity C	ode	Т	Р	RM	OBS	
Job Briefing Employee Name/Title	WMATA		-		Accom	panied tor?	Yes	Out Brief Conducted	Yes	Time	010		Outside Shift	Yes	
Related Reports	N/A				Relate	d CAPS /	Findings	N/A							
	Ref		R	tule or S	SOP Standard			Other / 1	Other / Title Check				ence		
Related Rules, SOPs, Standards, or Other	RTR TECHNOLOGIES, INC. INSTALLATION INSTRUCTIONS FOR PTC- Z CONTACT RAIL HEATER FOR ALUMINUM CLAD AND STEEL THIRD RAIL (MARCH 22, 2013, REVISION B)														
Inspection Location	Main Track	Yard	Statio	n C	OCC	RTA Facility	FTA Office	Track Type	At-grad	e Tu	innel	Elev	rated	N/A	
	Х								X						
		Track				Chain Ma	rker		From				То		
Line(s)	C-Line	Numb	er	Track 2	and/or Station(s) C2 209+00 C2 200+00						05+00 95+00				
Vehicles	Head Ca	ar Number	Nu	umber c	of Cars	- Faccion		Cantast Dail I	Last Tana						
venicies	ı	N/A		N/A	١	Equip	ment	Contact Rail I	пеат таре						
							ment install		Number	of Defec	ts			0	
	•	•					from the he ables. Eight	hundred and	Recomm	ended F	inding?			No	
					-	•	nel and sprin		Remedia	I Action	Require	ed?		No	
Description	At C2 213+00 heat tape shoebox, a #4 American Wire Gauge (AWG) conductor was replaced and welded to the contact rail. At C2 205+00 heat tape shoebox, a #4 AWG conductor was replaced and welded to the contact rail, heat tape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A2 to heat tape shoebox. During the inspection, the FWSO inspector observed WMATA's power department installing heat tape and its various components per the manufacturer's installation instructions for PTC-Z Contact Rail Heater for Aluminum Clad and Steel Third Rail (issued March 22, 2013). The FWSO Inspector did not note any defects.												No		
Remedial Action	N/A	O Inspector	did not	note an	y detect	5.									



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	20180225-WMATA-WP-1						
inspection bate	2018	02	25	Report Number	20100223-MMMW.WML-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	TKIN			
		Name		Email	Office Phon	е	N	Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	B-Line, Track 1 & 2, Glenmont (B11)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6022				Accon	npanied ctor?	No	Out Brief Conducted	No	Time	0800 1200		Outside Shift	Yes
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	М													
lucus ation I a sation	Mai Trac		Yard Stat		tion OCC		RTA Facility	FTA Office	Total Total	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type			X			
Lina/a)	B-Lin	•	Track		NI/A		Chain Ma	rker		From	<u> </u>			То	
Line(s)	B-LIII	е	Numbe	er	N/A		and/or St	ation(s)	Glenmont (B	11)		Glenr	nont	(B11)	
.,	Hea	Head Car Number			Number c	er of Cars			21.42						
Vehicles	N/A			N/A		Equip	ment	N/A							

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL Digitally signed by WRISCOWL PO Onc. e-U.S. e-U.S. Government, our Disc. 2018.03.01 154/623-050	ELL FI AHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Anthony Johnson, Alexander Nepa	





	FWSO inspectors received a job safety briefing from TRST 6022 at Glenmont (B11)	Number of Defects	0
	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,	Recommended Finding?	No
Description	the safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ection Sub	ject	Track	Shutdow	n Work Zo	ne Observati	ion	Activity Co	ode	TF	RK	WI	PI
Job Briefing Employee Name/Title	TRST 6	022					Accompanied Inspector?		Out Brief Conducted	Yes	Time	e 0800 - 1200		Outside Shift	Yes
Related Reports	N/A					Rela	ted CAPS /	Findings		·		·			
	Ref				Rule o	r SOP		Standard		Other / 1	Γitle		Check	list Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-1000 rev. 6														
	RWPM	RWPM													
Inspection Location	Main Track		Yard	Sta	tion	ОСС	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A
mspection Education	Х			,	κ							Х			
Line(s)	B-Line		Track		Trac	k 1 & 2	Chain Ma			From				То	
Line(s)	D Line		Numb	er	1140		and/or St	ation(s)	Glenmont (B	11)		Glen	mont (B	11)	
Vehicles	Head	l Car N	Number A			r of Cars /A	Equip	ment	N/A						
									cks 1 and two	Number	of Defec	ts			5
		of the B-Line at Glenmont (B11) between B1 676+46 and 724+90 and B2 674+46									nended Fi	nding?			No
	allu /2	and 727+90. Inspectors also inspected track conditions in the area.								Remedia	al Action	Require	ed?		Yes
Description	•	Remedial Action Required? Yes The following non-color-coded defects were observed: TRST 1000, 3.2.2.4: At B2 718+00, a tunnel leak was observed and there was water striking the running surface of the rail and a newly installed bond cable. See figure 1 and 2 below. TRST 1000 13.5.7: At B2 676+10 and 676+60, at the third rail break, both end cover boards were missing. TRST 1000 3.1.2.2: At B1 677+90, the base pipe in the track center											Yes		
Remedial Action	To ach	V V V V V	WMATA m WMATA m WMATA m	iust re iust re iust cl iust cl	epair the eplace the lean the lean the	e tunnel I he missin center c center c	eak at B2 7 g end cove atch basin a atch basin a	r boards at B at B1 677+90 at B1 711+00			ng propei	rly.			

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Version date: 8/26/16

Version date: 8/26/16 2



Photos



Figure 1: Tunnel leak at B2 718+00.

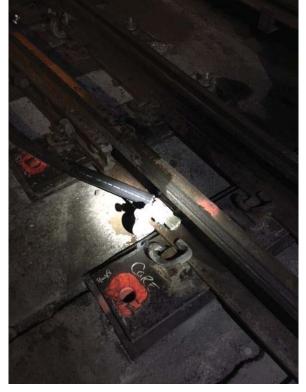


Figure 2: Water striking rail and bond wire at B2 718+00.



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	2019022E W/N	20180225-WMATA-WP-2					
inspection date	2018	02	25	Report Number	20180223-WWATA-WF-2						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	partment				
	Name			Email	Office Phon	е	N	Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	Arlington Cemetery (C06) – C2 209+00 to C2 205+00 and C2 200+00 to C2 195+00										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Saf	ety Brief	ing			Activity Co	ode	TF	Р	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA RWI	C			Accor	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	010 070		Outside Shift	Yes
Related Reports	N/A	N/A					ed CAPS /	Findings	N/A						
	Ref				Rule or S	OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	M													
Standards, or other	MSRP	Ή													
lana estima la cetica	Mai Trac	,	Yard Stat		ion OCC		RTA Facility	FTA Office	Tuesda Tauss	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location	Х								Track Type						Х
Line(a)	C-Line	_	Track		NI/A		Chain Ma	rker		From	·			То	
Line(s)	C-LINE	е	Numbe	er	N/A		and/or St	ation(s)	Arlington Cer	metery (C06))	Arling	lington Cemetery (C06)		
	Hea	ıd Car Nı	ımber	N	lumber (of Cars					•		·		•
Vehicles	N/A			N/A	١	Equip	ment	N/A							

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, Date: 2018.03.01 15:21:42 -05'00'	ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





	FWSO inspector received a job safety briefing from the roadway worker in charge	Number of Defects	0
	(RWIC) at Arlington Cemetery (C06) prior to entering the roadway. The briefing covered the working limits, where to clear, known hazards and hotspots, the	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity # 2 Inspection Subject Meat Tape Installation Observation Activity Code TP RM O6S		IN/A														
Employee NAMATA RIVIC Inspector? Ves Conducted Ves Conduct	Inspection Activity #	2 Ins	pection Sub	ject	Heat Ta	pe Insta	allation Ob	servation		Activity C	ode	TP)	RM	OBS	
Refated Rules, SOPs, Standards, or Other Related Rules, SOPs, Standards, Sops, Sops, Standards, Standa	Employee	WMATA I	RWIC	·			•	Yes		Yes	Time				Yes	
RTR TECHNOLOGIES, INC. INSTALLATION INSTRUCTIONS FOR PTC- Z CONTACT RAIL HEATER FOR ALUMINUM CLAD AND STEEL THIRD RAIL (MARCH 22, 2013, REVISION B) Track Variable Track Number Track 2 Chain Marker and/or Station(s) C2 209+00 C2 200+00 C2 200+00 C2 209+00 C2 209+00 C2 195+00 To C2 209+00 C2 195+00 C2 195+00 To C2 209+00 C2 195+00 C2 200+00	Related Reports	N/A				Relate	ed CAPS /	Findings	N/A							
INC. INSTALLATION INSTRUCTIONS FOR PTC.		Ref		F	Rule or S	OP		Standard		Other / 1	Γitle	ist Reference				
Track Yard Station OCC Facility Office Track Type X Innel Elevated N/A	·	INC. INSTALLATION INSTRUCTIONS FOR PTC- Z CONTACT RAIL HEATER FOR ALUMINUM CLAD AND STEEL THIRD RAIL (MARCH 22, 2013,														
Track Type X			Yard	Statio	on O	ОСС				At-grad	e Tu	nnel	Eleva	ted	N/A	
C-Line Track Number Track 2 Chain Marker and/or Station(s) C2 209+00 C2 209+00 C2 195+00	Inspection Location	X			Track Type											
C-Line Number Track 2 and/or Station(s) C2 209+00 C2 205+00 C2 195+00			Tue ele				Chain B4a	-1		From				То		
N/A N/A N/A The FWSO inspector observed WMATA's power department install contact rail heat tape, weld the necessary cables to the contact rail from the heat tape shoebox for the heat tape to be functional, and splice cables. At C2 197+00 heat tape shoebox, a #4 AWG conductor was replaced and welded to the running rail, this same #4 AWG conductor was run in liquatite flexible conduit from running rail to the trackside heater control panel HC-C06-32A3, heat tape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A3 to heat tape shoebox. During the inspection, the FWSO inspector observed WMATA's power department installing heat tape and its various components per the manufacturer's installation instructions for PTC-Z Contact Rail Heater for Aluminum Clad and Steel Third Rail (issued March 22, 2013).	Line(s)	C-Line		er	Track 2	!										
The FWSO inspector observed WMATA's power department install contact rail heat tape, weld the necessary cables to the contact rail from the heat tape shoebox for the heat tape to be functional, and splice cables. At C2 197+00 heat tape shoebox, a #4 AWG conductor was replaced and welded to the running rail, this same #4 AWG conductor was run in liquatite flexible conduit from running rail to the trackside heater control panel HC-C06-32A3, heat tape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A3 to heat tape shoebox. During the inspection, the FWSO inspector observed WMATA's power department installing heat tape and its various components per the manufacturer's installation instructions for PTC-Z Contact Rail Heater for Aluminum Clad and Steel Third Rail (issued March 22, 2013).	Vahialaa	Head Ca	r Number	N	umber o	of Cars	Familia		Contact Doil I	last Tana						
heat tape, weld the necessary cables to the contact rail from the heat tape shoebox for the heat tape to be functional, and splice cables. At C2 197+00 heat tape shoebox, a #4 AWG conductor was replaced and welded to the running rail, this same #4 AWG conductor was run in liquatite flexible conduit from running rail to the trackside heater control panel HC-C06-32A3, heat tape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A3 to heat tape shoebox. During the inspection, the FWSO inspector observed WMATA's power department installing heat tape and its various components per the manufacturer's installation instructions for PTC-Z Contact Rail Heater for Aluminum Clad and Steel Third Rail (issued March 22, 2013).	venicies	ľ	N/A		N/A	ı	Equip	ment	COIIIdel Raii I	пеат таре						
Shoebox for the heat tape to be functional, and splice cables. Recommended Finding? Remedial Action Required? No At C2 197+00 heat tape shoebox, a #4 AWG conductor was replaced and welded to the running rail, this same #4 AWG conductor was run in liquatite flexible conduit from running rail to the trackside heater control panel HC-C06-32A3, heat tape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A3 to heat tape shoebox. Recommended Finding? No No Description No During the inspection, the FWSO inspector observed WMATA's power department installing heat tape and its various components per the manufacturer's installation instructions for PTC-Z Contact Rail Heater for Aluminum Clad and Steel Third Rail (issued March 22, 2013).										Number	of Defec	ts			0	
At C2 197+00 heat tape shoebox, a #4 AWG conductor was replaced and welded to the running rail, this same #4 AWG conductor was run in liquatite flexible conduit from running rail to the trackside heater control panel HC-C06-32A3, heat tape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A3 to heat tape shoebox. Recommended Reinspection? No		•			•				at tape	Recomm	nended Fi	nding?			No	
to the running rail, this same #4 AWG conductor was run in liquatite flexible conduit from running rail to the trackside heater control panel HC-C06-32A3, heat tape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A3 to heat tape shoebox. Recommended Reinspection? No During the inspection, the FWSO inspector observed WMATA's power department installing heat tape and its various components per the manufacturer's installation instructions for PTC-Z Contact Rail Heater for Aluminum Clad and Steel Third Rail (issued March 22, 2013).		SHOCDOX	or the near	tape to	DC TUTICE	iloriai, a	ina spilee e	abics.		Remedia	A Action	Require	d?		No	
Remedial Action N/A		to the rur conduit fr tape A-se AWG to # ground co through li 32A3 to h During th department manufact Aluminum	to the running rail, this same #4 AWG conductor was run in liquatite flexible conduit from running rail to the trackside heater control panel HC-C06-32A3, heat cape A-segment and B-segment hot conductors (#10 AWG) were spliced (#10 AWG to #6 AWG) to heat tape shoebox, and heat tape A-segment and B-segment ground conductors (#10 AWG) were spliced to #6 AWG conductors that were run through liquatite flexible conduit from trackside heater control panel HC-C06-32A3 to heat tape shoebox. Recommended Reinspection? No During the inspection, the FWSO inspector observed WMATA's power department installing heat tape and its various components per the manufacturer's installation instructions for PTC-Z Contact Rail Heater for Aluminum Clad and Steel Third Rail (issued March 22, 2013).												No	



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	20190226 \	20180226-WMATA-WP-1						
inspection bate	2018	02	26	Report Number	20180220-001	20100220 WWATA WI 1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Department						
	Name			Email	Office Phone		N	Nobile Phone				
Rail Agency Department Contact Information												
Inspection Location		**		on (K02), Virginia Square K08) Train Control Roon	, ,,	04), East Fa	alls Church	(K05), West Falls				

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	fing			Activity Co	ode	АТ	C	JSB	OBS	
Job Briefing Employee Name/Title	WMA	TA ATC	Personne	el		Accompanied Inspector?			Out Brief Conducted	Yes	Time	1500 190		Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings N/A										
	Ref		Rule or S				Standard			Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRP	Ή														
Standards, or other																
	Mai Trac		Yard	Statio	on C	СС	RTA Facility	FTA Office	T	At-grad	de Tunnel		Ele	evated	N/A	
Inspection Location				Х					Track Type						Х	
Line (a)	C- and	d K-	Track		NI/A		Chain Ma	rker		From	·	То				
Line(s)	Lines		Numbe	er	N/A		and/or St	ation(s)	Rosslyn (C05)		Rossl			slyn (C05)		
	Hea	d Car N	umber	N	lumber c	of Cars			21/2	•						
Vehicles		N/A			N/A	ı	Equipment		N/A							

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWEI DN: c=US, o=U.S. Government, ou=FTA Date: 2018.03.06 09:27:50 -05'00'	L HQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





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

Remedial Action	N/A													
Inspection Activity #	2 Ins	pection Subj	ect	Train Co	ntrol R	oom Visual	Inspection		Activity Co	ode	AT	С	RM	PI
Job Briefing Employee Name/Title	WMATA	ATC Personne	I	Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time) to (Outside Shift	No	
Related Reports	N/A			Related CAPS / Findings N/A					•					
	Ref		R	Rule or SOP Standard				Other / T	itle		Check	list Refe	rence	
Related Rules, SOPs, Standards, or Other	ATC 3000 – TRAIN CONTROL ROOM WEEKLY INSPECTIONS (REVISION 1, AUGUST, 2014)													
Increation Location	Main Track	Yard Station		n O	СС	RTA Facility	FTA Office	Tunal, Tuna	At-grade	e Tu	nnel	Eleva	ated	N/A
Inspection Location			Х					Track Type						Х
						F							То	
Line(s)	C- and K- Lines	Track Numbe	r	N/A		Chain Mai and/or Sta		Clarendon (KC Virginia Squar Ballston-MU (East Falls Chu West Falls Chi	Courthouse (K01) TCR Clarendon (K02) TCR Virginia Square (K03) TCR Ballston-MU (K04) TCR East Falls Church (K05) TCR West Falls Church (K06) TCR Dunn Loring (K07) TCR		Court Clared Virgin Ballst East F West Dunn	ndon (Ki nia Squa on-MU Falls Chu Falls Ch	K01) TCI 02) TCR re (K03) (K04) TC urch (K0! urch (K0!	TCR CR 5) TCR D6) TCR
Vehicles		ar Number	N	umber o		Equip	ment	N/A						
		N/A		N/A										
		O inspector vis						ic train control	Number					0
Description		oms were vis					,		Recomm				No	
Description	control manual.							Remedial Action Require				red? No		No
	The FWS	O inspector di	id not	note any	y defec	its.			Recommended Reinspection?				No	
Remedial Action	N/A													



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	20180227-WMATA-WP-1							
inspection Date	2018	02	27	Report Number								
Rail Agency Name	Washingto Authority	n Metropolit	an Area Transit	Rail Agency Department	TRST	Sub- Depar	Sub- Department TKIN					
	N	lame		Email	Office Phon	N	Nobile Phone					
Rail Agency Department Contact Information												
Inspection Location	E-Line, trac	Line, track 1, Fort Totten (E06) to Mt. Vernon Sq. (E01)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspect	tion Subj	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS	
Job Briefing Employee Name/Title	TRST	6302				Accompanied Inspector?			Out Brief Conducted	Yes	Time	1000 1500		Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings N/A										
	Ref					ОР	Standard			Other / T		Che	cklist Refe	ence		
Related Rules, SOPs, Standards, or Other	RWPI	M														
lucus ation I a sation	Mai Trac	\	Yard	Statio	on C	осс	RTA Facility	FTA Office	Total Total	At-grade	de Tunnel		Ele	evated	N/A	
Inspection Location				Х					Track Type	Х						
Lina/a)	E-Line		Track		NI/A		Chain Ma	rker	From			То				
Line(s)	E-LIHE	2	Numbe	er	N/A		and/or St	ation(s)	Fort Totten (E06)		Fort Totten (E06)				
.,	Hea	ıd Car Nu	ımber	N	Number o	of Cars			21.42							
Vehicles		N/A			N/A		Equipment		N/A							

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL Digitally signed by WINSLOWL PO DN: e-LUS, Government, our Date: 2016.3306 (2020-6-2000)	WELL TAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Anthony Johnson, Alexander Nepa	





	FWSO inspectors received a job safety briefing from TRST 6302 at Fort Totten	Number of Defects	0
	(E06) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	oject	Tracl	Walkei	Observation	1		Activity C	ode	TF	RK	WI	OBS
Job Briefing Employee Name/Title	TRST	6302					ompanied pector?	Yes	Out Brief Conducted	Yes	Time	1000		Outside Shift	No
Related Reports			WMATA-A			Rel	Related CAPS / Findings Remedial Action Corrective Action				ion ID #: 1143 tion Plan (CAP): R-2-18-A, R-2-19-A				
	Ref				Rule	r SOP		Standard	"	Other /	Other / Title Checkli				ence
Related Rules, SOPs, Standards, or Other	TRST-	1000	rev. 6		P.O. R	-17-03	7-03								
Inspection Location	Mai Trac		Yard	Sta	tion	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	innel	Eleva	ited	N/A
	Х				×							Х			
Line(s)	E-Line Track Number Track						Chain Ma		Fort Totten (From E06)		Mt. \	/ernon S	To a. (E01)	
	Hea	d Car	Number		Numbe	er of Car			,	- /		1		/	
Vehicles		N/	/A		١	I/A	Equip	ment	N/A						
						-		n a track insp		Number	of Defec	ts			7
							. ,	. Vernon Sq. d up on previ	(E01). lously issued	Recomm	nended F	inding?			No
			ctions.	ctcu t	rack co.	iditions	ana ronowe	a up on pievi	ously issued	Remedia	al Action	Require	ed?		Yes
Description		• • • • • • • • • • • • • • • • • • •	TRST 1000 side and u was not de P.O. R-17-6061 appr line horn a speed that this defect 2-19-A. TRST 1000 throughout restraining TRST 1000 cover board TRST 1000 throughout restraining observed trST 1000 end third in ing remed	o), 3.1. Inder rainin r	2.2: Bet the thir g as des tel 25-tel the a uired. Tel eared to dressed 7: Betwee curve vand plat. 7: At E.: Betwee curve vand plat missing .7: At E. tel e missing .7: At E. tel e	ween Edrail, migned00, at 1 dvance he train be greating was en E1 1 vas obse e bolts. 1 133+0 ng. 1 130+7 en E1 0 vas obse e bolts 1 45+20 rds are s verifie	ud and debri 122 hours a watchman w passed the a ster than 10 ATA's approa 41+00 and 1 rved to have 0 at the third range 35, the third range 49+00 and 08 rved to have Additionally, and 45+70 a missing.	train with lead ithout sound advance water water to CAPs F 33+00, the remultiple browned brown to the total ail end cover wedge brace to the third rate:	chman at a lial action for 8-2-18-A and R- estraining rail oken he two end board is straining rail oken	Recomm	nended R	einspec	ction?		Yes





	To achieve compliance with WMATA's requirements:
	WMATA must remove the mud and debris and allow the water to drain under the third rail between E1 153+00 and 153+00.
	WMATA must replace the broken restraining rail and plate bolts between E1 141+00 and 133+00.
Dame dial Action	WMATA must replace the missing third rail end cover board at E1 133+00.
Remedial Action	WMATA must replace the missing third rail end cover board at E1 130+75.
	WMATA must replace the broken restraining rail and plate bolts and reinstall the missing braces between E1 099+00 and
	085+00.
	WMATA must replace the missing third rail end cover boards at E1 45_20 and 45+70.



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	20180227-WMATA-WP-2					
inspection date	2018	02	27	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	partment			
	Name			Email	Office Phone Mobile Ph			Nobile Phone		
Rail Agency Department Contact Information										
Inspection Location				brook (A13), White Flint , Tenleytown (A07), Van	Center (A10),					

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	fing			Activity Co	ode	АТ	C	JSB	OBS
Job Briefing Employee Name/Title	WMATA ATC Personnel			Vec			Out Brief Conducted	Yes	Time	1500 190		Outside Shift	No		
Related Reports	N/A	N/A				Related CAPS / Findings N/A									
	Ref	Ref Rule or SOF			ОР		Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRI	РН													
Standards, or other															
	Mai Trad		Yard	Statio	on C	осс	RTA Facility	FTA Office	Total Total	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type						Х
Line(a)	A-Lin	_	Track		NI/A		Chain Ma	rker		From		То			
Line(s)	A-LIII	е	Numbe	er	N/A	N/A a		ation(s)	Shady Grove	(A15) Sha			ady Grove (A15)		
	Hea	d Car N	umber	N	Number of Cars					•					•
Vehicles		N/A			N/A	į	Equip	ment	N/A						

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

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=FTAHQ, ou Date: 2018.03.06 12:08:51 -05'00'	=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team			
Winslow Powell	Tino Sahoo			





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

Remedial Action	N/A														
Inspection Activity #	2 In :	spection Subj	ect T	Γrain Contr	rol Ro	om Visua	l Inspection		Activity Co	ode	AT	С	RM	PI	
Job Briefing Employee Name/Title	WMATA	ATC Personne	el		ccom	panied tor?	Yes	Out Brief Conducted	Yes	Time	1500 to 1900		Outside Shift	No	
Related Reports	N/A			R	elate	d CAPS /	Findings	N/A							
	Ref		Rı	ule or SOP			Standard	Other / Title Check				klist Reference			
Related Rules, SOPs, Standards, or Other	ATC 3000 – TRAIN CONTROL ROOM WEEKLY INSPECTIONS (REVISION 1, AUGUST, 2014)														
lana dia dia dia dia dia dia dia dia dia di	Main Track	Yard	Station OCC RTA FTA Facility Office				At-grad	e Tu	nnel	Elev	vated	N/A			
Inspection Location			Х	,			Track Type						Х		
									From				То		
Line(s)	A-Line	Track Numbe	r	N/A Chain M and/or s				Medical Cento Bethesda (A0	(A14) TCR (A13) TCR (A12) TCR Strathmore (A11)TCR Inter (A10) TCR A09) TCR Heights (A08) TCR In (A07) TCR			Shady Grove (A15) TCR Rockville (A14) TCR Twinbrook (A13) TCR White Flint (A12) TCR Grosvenor-Strathmore (A Medical Center (A10) TCR Bethesda (A09) TCR Friendship Heights (A08) Tenleytown (A07) TCR Van Ness (A06) TCR		re (A11)TCR TCR .08) TCR	
Vehicles		ar Number	Nu	ımber of C	ars	Equip	ment	N/A							
		N/A		N/A	h		i all autamati		•						
		nt in the train		•				ic train control on. All train	Number					3	
		ooms (TCR) w	ere visu	ally inspec	cted fo	or complia	ance with the	e ATC-3000		ended Fi		45		No	
Description		surrounding conduit stub-ups at Shady Grove (A15) TCR. Recommended Reinspection? Yes										Yes			
Remedial Action	To achiev	ve compliance WMATA m WMATA m	with W ust mitig ust mitig	/MATA's regate water	equire r intru r intru	ements: sion at Sh sion at Fr	nady Grove (ghts (A08) TCR.							

Form FTA-IR-1



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	20180228-WMATA-WP-1					
inspection Date	2018	02	28	Report Number						
Rail Agency Name	Washingto Authority	n Metropolit	an Area Transit	Rail Agency Department	TRST	Sub- Depar	rtment	TKIN		
	N	lame		Email	Office Pho	one	N	Nobile Phone		
Rail Agency Department Contact Information										
Inspection Location	E-Line, trac	ck 2, Fort Tot	ten (E06) to Prince	e George's Plaza (E08)						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 6699					Accompanied Inspector? Yes Out Brief Conducted			Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A Relate					ed CAPS / F	indings							
	Ref		Rule or SOP				Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPM													
Standards, or other														
	Main Track	Yard	Stat	ion C	осс	RTA Facility	FTA Office		At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location			Х					Track Type	х					
Line(s)	E-Line	Track		N/A		Chain Ma	rker		From				То	
Lille(s)	E-LINE	Numb	er	IN/A		and/or Sta	ation(s)	Fort Totten (E	06)		Fort 1	Totten (E06)		
.,	Head	Car Number		Number o				N/A		•	•	·		•
Vehicles		N/A		N/A		Equip								

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

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL Distally signed by WINSLOW L. Divide 2018 03.06 08.04.57 -0500	u=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Anthony Johnson, Alexander Nepa	





	FWSO inspectors received a job safety briefing from TRST 6699 at Fort Totten	Number of Defects	0
	(E06) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the	Recommended Finding?	No
Description	safety rule of the day, the location of the nearest hospital, and a check of	Remedial Action Required?	No
Description	personal protective equipment (PPE) and roadway worker protection (RWP) ID.		
	The FWSO inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ection Subj	ect	Track W	/alker C	alker Observation				ode	TRK		WI	OBS
Job Briefing Employee Name/Title	TRST	6699				Accompanied Yes Out Brief Conducted			Out Brief Conducted	Yes	Time	1000		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref	Ref Rule or SOI						Standard		Other / T	itle		Check	list Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-	1000	rev. 6												
Increastion Location	Mai Trac		Yard	Stati	ion (ОСС	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A
Inspection Location	Х			Х					Track Type	х		Х	1	<	
Line(s)	E-Line	e	Track Numbe	er	Track 2	2	Chain Ma and/or St		Fort Totten (E	From E06)	Princ	To Prince George's Pla		(E08)	
	Hea	d Car	Number	1	Number o	of Cars									
Vehicles		N/	'A		N/A		Equip	ment	N/A						
							•	nnel perfori		Number	of Defect	ts			6
								n (E06) and F in the area.	rince George's	Recomm	Recommended Finding?				
		(200).						נווכ מו כמו		Remedia	l Action I	Require	ed?		Yes
Description	The f	The following color-coded defect was observed: • TRST 1000, table 7.1: At E2 340+75, four consecutive defective fasteners were observed, 132 inches between holding non-defective fasteners. Black Condition. The following non-color-coded defects were observed: • TRST 1000, 3.2.2.4.: At E2 383+60, at the vent shaft a side wall tunnel leak was observed. • TRST 1000 3.1.2.2: At E2 389+10, water was not draining as designed and pooling water was observed under the third rail. • TRST 1000, 5.27: At E2 288+40, a tunnel leak was observed that was allowing water to strike the third rail cover board, the third rail, and the left running rail. • TRST 1000 10.15: Between E2 313+00 and 336+00, the tunnel lights were not working. • TRST 1000 10.14: At E2 344+60, in the center catwalk, ETS box E07-32-36-42 had a broken and disconnected cover.								Yes					
Remedial Action		• 1	WMATA m WMATA m WMATA m	ust repust reput r	pair the contract pair the contract pair the topair the topair and/	lefectiv unnel le Irainage unnel le or repla	e fasteners eak at the v e issue at E eak at E2 2 ace the tun	88+40. nel lights be		00 and 336+	00.				

Form FTA-IR-1

Version date: 8/26/16 2



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	20180228-WMATA-WP-2					
mspection bate	2018	02	28	Report Number	Z0100ZZ0-VVIVIATA-VVP-Z					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub- Department TKIN			TKIN		
		Name		Email	Office Phone	Office Phone		Mobile Phone		
Rail Agency Department Contact Information										
Inspection Location	E-Line, Track	c 2, Mount Ver	non Square (E0	1) to Fort Totten (E06)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	15				
Recommended Finding	No	No				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	fing			Activity Co	ode	TRK		JSB	OBS
Job Briefing Employee Name/Title	TRST	TRST 6302				Accompanied Inspector?		Yes	Out Brief Conducted	No	Time	100 150	-	Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref	Ref Rul			Rule or S	ОР		Standard		Other / T	itle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	RWPI	VI	1												
Standards, or Other															
	Mai Trac		Yard Stati		on C	осс	RTA Facility	FTA Office	T	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location				Х					Track Type			X			
line/a)	E Line		Track	ck			Chain Ma	rker		From	То				
Line(s)	E-Line	2	Numbe	er	N/A		and/or St	ation(s)	Mount Verno	n Square (E	01)	Mount Vernon Square (E01)			
.,	Hea	d Car Ni	umber	er Number of		of Cars									
Vehicles		N/A		N/A			Equip	ment	N/A						

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

Inspector in Charge - Signature					Date
		WINSLOW L. POWELL	DN: c=	lly signed by WINSLOW L. POWELL =US, o=U.S. Government, ou=FTAHQ, o 2018.03.06 12:13:00 -05'00'	u=DOT Headquarters, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team				
Winslow Powell	Mike Vitale				





	FWSO inspector received a job safety briefing from the roadway worker in charge	Number of Defects	0
	(RWIC) at Mount Vernon Square (E01) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear,	Recommended Finding?	No
	known hazards and hotspots, the safety rule of the day, the location of the	Remedial Action Required?	No
Description	nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID. The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action			

Inspection Activity #	2	Inspe	ction Sub	ject	Track	Walker	Observation	<u> </u>		Activity C	ode	TR	RK	WI	OBS	
Job Briefing Employee Name/Title	TRST	6302					Accompanied Nes Out Brief Conducted			No	Time	100 150		Outside Shift	No	
Related Reports	20170	20170208-WMATA-AD-1 Related CAPS / Findings Remedial Act							ion ID #: 11	41						
	Ref				Rule o	r SOP		Standard		Other /	Γitle		Checkl	ist Refere	ence	
Related Rules, SOPs, Standards, or Other	TRST	1000														
Inspection Location	Mai Trac		Yard	Sta	tion	ОСС	RTA Facility	FTA Office	Track Type	At-grad	grade Tunnel		Eleva	ted	N/A	
· 	Х								,			Х				
Line(s)	E-Line	9	Track Numb	er	2		Chain Ma and/or St		Mount Verno	From on Square (E	01)	Fort ⁻	Totten (E	To 06)		
Vehicles	Hea	d Car N N/A	lumber			r of Cars /A	Equip	ment	N/A							
	FWSC	•		rved \			ees and con	tractors perf	orm a track	Number	of Defec	ts			15	
								•	(E01) and Fort		ended Fi				No	
			. inspecto sued rem				k conditions	and followe	ea up on	Remedia	al Action	Require	ed?		Yes	
Description	The fo	• Ti oo	ng non-co RST 1000 ction for ction ID # RST 1000 RST 1000	In Table 18. (19.1) In Table 19. (19.1) In Tab	le 7-1: 173+00. I 73+00. I 73+00. I 73+00. I 73+00. I 8.14: Co 8.14: Co 17.4.1: F 800. 17.4.1: F 800. 2.4: Wa 2.4: Wa 17.4.1: F 86+00. 8.14: Co 8.14: Co 8.14: Co 8.14: Co 8.15: Def	14 inche ted cond fects we verboard ail trippi ail trippi ail trippi ter leak verboard verboa	s between e ition. re noted: was missin d in WMAT was missin ng hazard w ng hazard w vas observe	g at E2 45+0 vas present b vas present b d at E2 104+ d at E2 106+ d at E2 138+ vas present b g at E2 158+ g at E2 158+ installed at E g at E2 198+	0. Remedial 0. netween E2 t E2 91+00. netween E2 60. 60. 00. netween E2 40. 60. 60. 02 172+60.	Recomn	nended R	einspec	ction?		Yes	





	To achieve compliance with WMATA's requirements:
Remedial Action	To achieve compliance with WMATA's requirements: WMATA must replace defective fasteners at E2 73+00. WMATA must replace missing coverboard at E2 45+00. WMATA must mitigate tripping hazard between E2 84+00 and 87+00. WMATA must mitigate tripping hazard at E2 91+00. WMATA must mitigate tripping hazard between E2 96+00 and 97+00. WMATA must mitigate water leak at E2 104+60. WMATA must mitigate water leak at E2 106+60. WMATA must mitigate water leak at E2 138+00. WMATA must mitigate tripping hazard between E2 134+40 and 146+00. WMATA must replace coverboard at E2 158+60. WMATA must replace joint bar at E2 172+60. WMATA must replace cover board at E2 198+60.
	WMATA must replace ETS light at box E-84 at E2 250+00.