

Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170905-WMATA-AG-1					
inspection Date	2017	09	05	Report Number	20170905-WWATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department		TKIN		
Rail Agency Department Contact Information		Name		Email	Office Phone		Mobile Phone			
nspection Location N-Line, Track 2, Wiehle-Reston East (N				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	3				
Recommended Finding	No	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Job Saf	ety Brie	efing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 6	034				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100 133		Outside Shift	No
Related Reports	N/A				Related CAPS / Findings N/A			N/A						
	Ref			Rule or S	or SOP Standard				Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	1												
Standards, or other	MSRPI	4												
nspection Location	Main Track	Yard	Stat	tion	CC	RTA Facility	FTA Office	T T	At-grad	e Tunnel		Ele	evated	N/A
Inspection Location	х							Track Type	x					
		Track				Chain Ma	rker		From				То	
Line(s)	N-Line	Numb	er	Track	2	and/or St	ation(s)	Wiehle-Resto	on East (N06)	Sprin	g Hill	(N04)	
	Head	l Car Number		Number	of Cars									
Vehicles		N/A		N/#	4	Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWort cn=ADAM ANTHONY GIOVANDO Date: 2017.09.08 09:54:44 -04'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Mike Vitale		



Description.					- f - t - h -				NL		_			0
Description		O Inspector i RWIC) at Wie		,		0				of Defect				0
	briefing	covered the t	ype of	f on-track	protec	tion (i.e. <i>,</i> 1	rain Approad	ch Warning		ended Fi		42		No
		the working I							Remedia	l Action F	kequire	a?		No
		ne day, locati ent (PPE), and						otective	Recomm	ended Re	einspec	tion?		No
Remedial Action	N/A													
Inspection Activity #	2 In	spection Sub	ject	Track W	/alker C	bservatio	n		Activity Co	ode	TR	К	WI	PI
Job Briefing Employee Name/Title	TRST 603	34		I		mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100 133		Outside Shift	No
Related Reports	N/A				Relat	ed CAPS /	Findings	N/A						
	Ref			Rule or S	SOP		Standard		Other / 1	ïtle		Check	list Refer	ence
Related Rules, SOPs,	TRST 100	00												
Standards, or Other	MSRPH													
Inspection Location	Main Track	Yard	Stati	ion C	DCC	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A
	х							The rype	х					
Line(s)	N-Line	Track Numb	Track 2				То							
	Head C	Car Number	-	Number o	of Cars	and/or 5	tation(s)	Wiehle-Resto	on East (NO6)	Sprin	g Hill (N	104)	
Vehicles		N/A		N/A		Equi	oment	N/A						
		FWSO Inspectors observed WMATA employees and contractors perform a track inspection on track 2 of the N-Line between Wiehle-Reston East (N06) and Spring								of Defect	S			3
). Inspectors					•	, , ,	Recomm	ended Fi	nding?			Yes
	-	ly-issued rem		-					Remedial Action Required?					Yes
Description	The follo	N2 1006+7 TRST 1000 striking the multiple co approach a an uneven	Manu 70. Manu e nose ollecto also ap wear	ual, 13.3.1 of the er or shoes la opeared to pattern. (14: End 6: There nd appro aying or o be mi (See figu	approach e was evide oach at N2 n the balla saligned w ures 1 and	cover board ence of collec 2 1006+70. Th st nearby. The vith the insula 2 below.)	nere were	Recomm	ended Re	einspec	tion?		Yes
	•	not inspec measured There was	evider ting th a cran the pc	nce of tra his track, s ne situate otential to	o the v d benea o foul th	ertical def ath the ae	lection could	oectors were not be at N2 788+00 e. (See figure 3						
Remedial Action	•	WMATA m	nust ad	ijust the e	end app	roach at N	2 1006+70. I2 1006+70. t N2 838+50.							



Photos:



Figures 1 and 2: Missing cover board, evidence of collector shoes striking the nose of the end approach, and misaligned end approach at N2 1006+70.

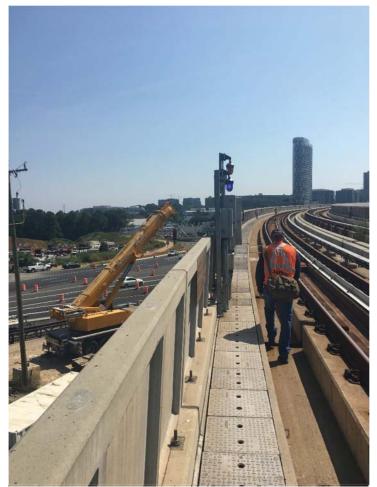


Figure 3: Crane beneath aerial structure at N2 778+00.



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170006 \	10T0 0	C 1			
inspection Date	2017	09	06	Report Number	20170906-WMATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	TKIN				
	1	Name		Email	Office Phone	e	Ν	Nobile Phone		
Rail Agency Department										
Contact Information										
Inspection Location	J-Line, Track	2, Van Dorn S	treet (J02) to J2	624+00						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	24				
Recommended Finding	No	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Saf	ety Brie	fing				Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6344					mpani ctor?		Yes	Out Brief Conducted	Yes	Time	100 111	-	Outside Shift	No
Related Reports	N/A					Relat	ed CA	PS / F	indings	N/A						
	Ref				Rule or S	SOP			Standard		Other / T	Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	Μ														
Standards, or other	MSRF	РΗ														
	Mai Trac		Yard	Stati	on (DCC	RT/ Facil		FTA Office	T	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	х									Track Type	x					
Line(a)	J-Line		Track		Track		Chair	n Mar	ker		From				То	
Line(s)	J-LINE	=	Numb	er	TIACK	<u> </u>	and/	or Sta	ition(s)	Van Dorn Stre	eet (JO2)		J2 62	4+00		
Malatata	Hea	ad Car N	umber	1	Number	of Cars				N1 / A						
Vehicles		N/A			N/A	4	E	quipr	nent	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=US. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.09.08 10:01:37 -04'00'	Date prthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Ken Sgroi, Mike Vitale		



		VSO Inspector		-	-	-	-		-	Number	of Defect	s			0	
		e (RWIC) at Var g covered the								Recomm	ended Fi	nding?			No	
Description), the working								Remedia	l Action F	Require	ed?		No	
		the day, locat nent (PPE), and			-				otective	Recomm	ended Re	einspec	tion?	No		
Remedial Action	N/A															
Inspection Activity #	2	Inspection Sul	oject	Track	Walker (Observ	vation	1		Activity Co	ode	TR	K	WI	PI	
Job Briefing Employee Name/Title	TRST 6	344				mpan ector?		Yes	Out Brief Conducted	Yes	Time	100 111		Outside Shift	No	
Related Reports	N/A				Rela	ted C/	APS /	Findings	N/A							
	Ref			Rule o	r SOP			Standard		Other / T	ïtle		Check	list Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST 1	.000														
	MSRPH	4														
Inspection Location	Main Track	Vard	Stat	tion	OCC		TA cility	FTA Office	Track Type	At-grad	e Tui	nnel	Elev	ated	N/A	
	х								Thack Type	х						
Line(s)	J-Line	Track		Trac	k 2		in Ma	rker ation(s)		From				То		
	Hood	l Car Number	-	Numbo	er of Cars	anu	1/01 50	ation(3)	Van Dorn Stre	eet (JU2)		JZ 62	4+00			
Vehicles	пеац	N/A			I/A		Equip	ment	N/A							
		Inspectors obs								Number	of Defect	ts			24	
	-	tion on track 2 tors also inspe								Recomm	ended Fi	nding?			Yes	
		ial actions. Tra								Remedia	l Action F	Require	ed?		Yes	
	1115 h	ours and the i	nspect	ion tea	m was pie	cked u	up at J	2 624+00.								
	The fo	llowing color-	oded	defect	was obse	erved:	:									
	•								n the joint bar							
		on the rig immediat					s repai	ired by the ir	ispector							
	The fo	llowing non-co	olor-co	ded de	fects we	re obs										
	•	685+90.) Man	ual, 13.	3.4: The f	third r	rail an	chor arm wa	s broken at J2							
) Man	ual, 3.1	. 2.5: Eme	ergenc	cy Trip	Station (ETS) Box J-52 blue							
		light was														
	•	672+00.) Man	ual, 3.1	.2.5: ETS	Box J-	-50 blu	ue light was o	out at J2							
	•) Man	ual, 3.1	. 2.5: ETS	Box J-	-49 blu	ue light was o	out at J1							
Description		672+00.														
	•	665+00.) Man	ual, 3.1	.2.5: ETS	Box J-	-48 blu	ue light was o	out at J2	Recomm	ended Re	einspec	tion?		Yes	
	•	TRST 100) Man	ual, 3.1	. 2.5: ETS	Box J-	-47 blu	ue light was o	out at J1							
		665+00.	Mar	ual 3.4	3 5. 570	Port	AG bl	in light was	out at 12							
	•	658+00.	vivian	uai, 3.1	. 2.3: EIS	POX 1-	-40 DIL	ue light was o	Jul dl J2							
	•	TRST 100					y Guar	rd Rail was n	ot secured to							
		the aerial					-11 bl	ue light was o	out at 12							
		650+00	, wall	uai, 3.1		DOX 1-	-++ DIU	ie ingrit was i	Julaijz							

TRST 1000 Manual, 3.1.2.5: ETS Box J-41 blue light was out at J1

645+00.

645+00.

•



	TRST 1000 Manual, 3.1.2.5: ETS Box J-40 blue light was out at J2 (40.12)
	 640+20. TRST 1000 Manual, 3.1.2.5: ETS Box J-39 blue light was out at J1
	640+20.
	 TRST 1000 Manual, 3.1.2.5: ETS Box J-38 blue light was out at J2 639+00.
	 TRST 1000 Manual, 3.1.2.5: ETS Box J-37 blue light was out at J1 639+00.
	 TRST 1000 Manual, 3.1.2.5: ETS Box J-36 blue light was out at J2 637+00.
	 TRST 1000 Manual, 3.1.2.5: ETS Box J-35 blue light was out at J1 637+00.
	 TRST 1000 Manual, 3.1.2.5: ETS Box J-34 blue light was out at J2 632+00.
	• TRST 1000 Manual, 3.1.2.5: ETS Box J-33 blue light was out at J1 632+00.
	• TRST 1000 Manual, 3.1.2.5: ETS Box J-32 blue light was out at J2 624+00.
	• TRST 1000 Manual, 3.1.2.5: ETS Box J-31 blue light was out at J1 624+00.
	Other Notable Observations:
	Safety walkway at J2 665+00 was not secured.
	Right rail between J2 659+00 and 659+50 was not seated properly in fasteners.
	Fasteners were showing signs of deterioration at J2 632+45.
	To achieve compliance with WMATA's requirements:
	WMATA must replace the broken third rail anchor arm at J2 685+90.
	WMATA must repair ETS Box J-52 at J2 680+00.
	WMATA must repair ETS Box J-50 at J2 672+00.
	WMATA must repair ETS Box J-49 at J1 672+00.
	• WMATA must repair ETS Box J-48 at J2 665+00.
	WMATA must repair ETS Box J-47 at J1 665+00.
	WMATA must repair ETS Box J-46 at J2 658+00.
	WMATA must secure Emergency Guard Rail to aerial structure at J2 658+00.
	• WMATA must repair ETS Box J-44 at J2 650+00.
	WMATA must repair ETS Box J-44 at J2 650+00.
	WMATA must repair ETS Box J-43 at J1 650+00.
Remedial Action	• WMATA must repair ETS Box J-42 at J2 645+00.
	• WMATA must repair ETS Box J-41 at J1 645+00.
	WMATA must repair ETS Box J-40 at J2 640+20.
	• WMATA must repair ETS Box J-39 at J1 640+20.
	• WMATA must repair ETS Box J-38 at J2 639+00.
	WMATA must repair ETS Box J-37 at J1 639+00.
	• WMATA must repair ETS Box J-36 at J2 637+00.
	 WMATA must repair ETS Box J-36 at J2 637+00. WMATA must repair ETS Box J-35 at J1 637+00.
	 WMATA must repair ETS Box J-36 at J2 637+00. WMATA must repair ETS Box J-35 at J1 637+00. WMATA must repair ETS Box J-34 at J2 632+00.
	 WMATA must repair ETS Box J-36 at J2 637+00. WMATA must repair ETS Box J-35 at J1 637+00. WMATA must repair ETS Box J-34 at J2 632+00.



Form FTA-IR-1

Agency/Department Information

Increation Data	YYYY	MM	DD	Report Number	20170007 \\/\	1 A T A A A	20170907-WMATA-AG-1				
Inspection Date	2017	09	07	Report Number	20170907-WWATA-AG-1						
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	TRPM	Sub- Department					
	1	Name		Email	Office Phone	ē	N	1obile Phone			
Rail Agency Department Contact Information											
Inspection Location	McLean (N01	.) - Alternating	Current (AC) Sv	witchboard (SWBD)							

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection	Subject	McLe	ean (N01)	– Safety Bri	efing		Activity Co	ode	TP) J	SB	OBS		
Job Briefing Employee Name/Title	WMA.	TA Power P	rsonnel			ompanied ector?	Yes	Out Brief Conducted	Yes	Time	0100 0500	- (Outside Shift	Yes		
Related Reports	N/A	N/A				ted CAPS / I	indings	N/A								
	Ref Rule or			or SOP		Standard		Other / T	ïtle		Checkl	list Refere	ence			
Related Rules, SOPs, Standards, or Other	RWPN	Λ														
Standards) of Other																
In an action I accelian	Mair Trac	Yard	St	ation	OCC	RTA Facility	FTA Office	Tue els Ture e	At-grad	e Tu	nnel	Elevated		N/A		
Inspection Location				х				Track Type						х		
Line(a)	N-Line	Tr	ick	NI / A		Chain Ma	rker		From			То				
Line(s)	IN-LITTE	N	mber	N/A	L	and/or St	ation(s)	N/A			N/A					
	Hea	d Car Numb	er	Numb	er of Cars											
Vehicles		N/A		I	N/A	Equip	ment	N/A								

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=US. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.13 14:02:52 -04'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



Description	FWSO personnel 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 safety	Recommended Finding?	No
	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		

Inspection Activity #	2	Inspe	ction Subj	ject		g utility fee	ernating Curr d #1 primary	. ,	Activity Co	ode	TP	RI	M	OBS	
Job Briefing Employee Name/Title	WMA	TA Pow	ver Persor	nnel	Accomp Inspecto		Yes	Out Brief Conducted	Yes	Time	0100 - 0500	_	Outside Shift	Yes	
Related Reports					Related	CAPS / Fin	dings								
	Ref				Rule or	SOP	Standard		Other / 1	ïtle		Checkli	hecklist Reference		
Related Rules, SOPs, Standards, or Other	Hyundai (Manufacturer) Preventive Maintenance Instructions for HVF Vacuum Circuit Breakers (Triennial)														
In a section I section	Mai Trac		Yard	Station	OCC RTA FTA Facility Office				At-grad	e Tu	nnel	Eleva	ted	N/A	
Inspection Location				х	Track Type								х		
Line(s)	N-Lin	0	Track	Number	N/A	Chain Ma	rker	From					То		
		C	Hack	umber	11/1	and/or St	ation(s)	McLean (N01) – AC SWBD	– AC SWBD Room McLean (N01) –				/BD Room	
Vehicles	Hea	ad Car N			er of Cars	Equip	ment	AC Hyundai V	acuum Circu	it Breake	r (1200A	A, 38 kV,	3 Phase	(PH))	
	An EV	N/A			N/A	er personne	el performing	nroventive	Number					0	
			•		•	•		/anufacturer)		of Defect ended Fir	-			0 No	
				•	. ,		oard # 1 per	the		Action F	-	12		No	
	manu	ifacture	r's prever	ntive mainter	nance guio	lelines.			Kellieula	ACTION	equireu	11		INU	
Description	Progr Graph utility was v Maint main	ammab nic Touc / feed. 1 vorking tenance and sec	le Logic C chpad on A This was d properly condary m	ontroller (PL AC SWBD #1 one to ensur as well as to ons Center (N nain breakers	C) with a l and teste the mai verify the AOC) for the were cor	Human Mac d switches t n tie/main a remote ind ne status (o rect.	automatic tra	e (HMI) ne loss of one nsfer scheme located in the the primary	Recommended Reinspection?					No	
Remedial Action	N/A														



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170907-WMATA-AG-2					
inspection Date	2017	09	07	Report Number	20170907-001	07-WWATA-AG-2				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM Sub- Department					
		Name		Email	Office Phon	Office Phone		Iobile Phone		
Rail Agency Department Contact Information										
Inspection Location	K-Line, Track	K-Line, Track 2, West Falls Church (K06) to East Falls Church (K05)								

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	11				
Recommended Finding	No	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspe	ction Sub	ject	Job S	afety Bri	efing				Activity Co	ode	TF	0	JSB	OBS
Job Briefing Employee Name/Title	TRPN	TRPM RWIC				ompan ector?		Yes	Out Brief Conducted	Yes	Time	100 150		Outside Shift	No	
Related Reports	N/A					Rela	ted C/	APS / F	indings	N/A						
	Ref Rule c				r SOP			Standard		Other / T	Title		Che	cklist Refer	ence	
Related Rules, SOPs,	RWP	Μ)2												
Standards, or Other	MSRI	PH		R-17-0			03									
		Main Track Yard Sta		Stat	tion	OCC		TA cility	FTA Office		At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location	х									Track Type	x		x		x	
Line(s)	K-Lin	~	Track		Trac	6.0	Cha	in Mar	ker		From			То		
Line(S)	K-LIN	e	Numb	er	Track 2 and/or St				ation(s)	West Falls Ch	urch (K06)		East I	Falls C	Church (K05)
Mahialaa	Hea	ad Car N	lumber		Numbe	r of Cars		E an sina		NI / A						
Vehicles		N/A	l l		N	/A		Equipr	aquipment N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWort ANTHONY GIOVANDO Date: 2017.09.13 14:00:32 -04'00'	Date hTX, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



Remedial Action			
Description	 WMATA RWIC covered the nearest hospital and safety rule of the day. The hazards, clearance areas, and communication were used as part of the discussion. In addition to the required PPE, the Advanced Mobile Flagger (AMF) had the required equipment and was compliant with "WMATA PERMANENT ORDER R-17-03, ADVANCE MOBILE FLAGGER, (FRIDAY APRIL 28, 2017)." This equipment consisted of a 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 (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 (8-car marker or end gate). No exceptions were taken. The FWSO inspector observed a WMATA RWIC (Roadway Worker in Charge) request foul time for one "hot spot" (K/N turnout) encountered during the mobile work crew's cable inspection walk. One hundred percent repeat back did occur on radio communication between the RWIC and the ROCC (Rail Operations Command Center). The RWIC relinquished foul time once mobile work crew completely walked through the "hot spot." No issues/concerns or exceptions taken to RWIC performing his duties. The RWIC complied with WMATA Permanent Order R-17-02. The FWSO Inspector did not note any defects. 	Remedial Action Required?	No
	protection (RWP) IDs were checked and the working limits were reviewed. The	Recommended Finding?	No
	FWSO personnel received a job safety briefing from the WMATA roadway worker in charge (RWIC). All personal protective equipment (PPE) and roadway worker	Number of Defects	0

Inspection Activity #	2 I	nspection Sub	ject	Cable I	nspectio	on Observa	tion		Activity Co	ode	TF	þ	WI	PI
Job Briefing Employee Name/Title	TRPM F	RWIC				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100 150	-)utside Shift	No
Related Reports	N/A				Relat	ted CAPS /	Findings	N/A						
	Ref			Rule or	SOP		Standard		Other / 1	Title		Checkli	ist Refe	rence
	TRST 10	000												
	DD-TP-	SSI-013												
Related Rules, SOPs, Standards, or Other	INSTRU FOR JUI EXPANS TRANSI	ICATION CTIONS (EMI) MPER, SION, AND TION POWER REPLACEMEN	т											
	Main Track	Vard Sta		on	осс	RTA Facility	FTA Office		At-grad	e Tu	nnel	Eleva	ted	N/A
Inspection Location	х							Track Type	х			Х		
		Track				Chain Ma	rker		From				То	
Line(s)	K-Line	Numb	er	Track	2	and/or St		West Falls Ch	urch (K06)		East F	alls Chu	rch (KO	5)
	Head	Car Number	٩	Number	of Cars									
Vehicles						Equip	ment	N/A						
		nspector obse							Number	of Defect	ts			11
Description		vo of the K-Lin The inspector a				•	,	alls Church	Recomm	ended Fi	nding?			Yes
	(100).1	inspector t		peccedit		and contaitio			Remedia	I Action I	Require	d?		Yes

	 The following non-color-coded defects were observed: DD-TP-SSI-013: K2 487+00 – Five orange boot power connection assemblies missing sealing collar. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 516+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 511+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 509+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 507+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 507+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 500+50. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 496+00. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 493+00. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 493+00. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 517+00. Other Notable Observations: Heater tape wiring conduit broken and exposed to the elements at K2 511+00. Cables laying on the ground at K2 509+00. Cables laying on the ground at K2 508+00. Cables laying on the ground at K2 508+00. Cables laying on the ground at K2 508+00. Expansion cables laying on the ground at K2 407+00. Expansion cables laying on the ground at K2 407+00. Expansion cables laying on the ground at K2 407+00. Expansion cables laying on the ground at K2 407+00. Cables laying on the ground at K2 463+00. Cables laying on the ground at K2 463+00. Cables laying on the ground at K2 463+00. Cabl	Recommended Reinspection?	Yes
Remedial Action	 To achieve compliance with WMATA's requirements: WMATA must replace third rail cover board at K1 518+00. WMATA must replace third rail cover board at K1 517+00. WMATA must replace third rail cover board at K1 516+00. WMATA must replace third rail cover board at K2 511+00. WMATA must replace third rail cover board at K2 509+00. WMATA must replace third rail cover board at K2 507+00. WMATA must replace third rail cover board at K1 500+50. WMATA must replace third rail cover board at K1 496+00. WMATA must replace third rail cover board at K1 493+00. WMATA must replace third rail cover board at K1 487+00. WMATA must replace sealing collar at K2 487+00. 		



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170908-WMATA-AG-1				
inspection Date	2017	09	08	Report Number					
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	TRPM	Sub- Departm	nent		
	I	Name		Email	Office Phone	e	Mobile Phone		
Rail Agency Department Contact Information									
Inspection Location	Duke Street (C97) Traction	Power Substatio	on (TPSS) and C1 574+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 I	nspection Sub	ject		Duke	Street (C97) TPSS Safety	/ Br	iefing	Activity Co	de	TP	,	JSB	OBS
Job Briefing Employee Name/Title	WMAT	RWIC				mpanied ector?	Yes	-	Out Brief Conducted	Yes	Time	0100 050		Dutside Shift	Yes
Related Reports	N/A			Related CAPS / Findings N/A			I/A								
	Ref				Rule	or SOP	Standard		Other / T	ïtle		Checkl	ist Refere	ence	
Related Rules, SOPs, Standards, or Other	RWPM														
standards, or other															
Inspection Location	Main Track	Yard	Station	С	DCC	RTA Facility	FTA Office			At-grade	e Tun	nel	Eleva	ited	N/A
	х										х				
Line(a)	Cline	Trock	Number			Chain N	larker			From				То	
Line(s)	C-Line	Ггаск	vumber		N/A	and/or	Station(s)		N/A			N/A	Ą		
	Head	Car Number	Num	ber o	of Cars				. / .			·			
Vehicles		N/A		N/A		Equip	nent		I/A						
		ersonnel rece				•				Number	of Defects				0
Description	0	RWIC). All per on (RWP) IDs	•			. ,				Recomm	ended Find	ding?			No
	protect	011 (1101) 103	were eneck		ia the t		is were revie		.a. me	Remedia	l Action Re	equired	1?		No

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWort cn=ADAM ANTHONY GIOVANDO Date: 2017.09.13 14:05:37 -04'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



	spots, used a	hazard: is part c	s, cleara of the dis		omn	nunicat	ion, and Ro	rule of the day badway Acces			Recomm	Recommended Reinspection?				No
Remedial Action	N/A															
Inspection Activity #	2	Inspec	tion Sub	ject			Street (C9 acement	7) TPSS - Cable	e		Activity Co	de		ТР	RM	OBS
Job Briefing Employee Name/Title	WMAT	TA RWI	2				mpanied ector?	Yes	1	Out Brief Conducted	Yes	Time		0100 to 0500	Outside Shift	Yes
Related Reports	N/A					Relat	ted CAPS /	Findings	١	N/A						
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)		Rule	or SOP	Standard			Other / T	itle		Che	ecklist Refe	rence			
Inspection Location	Mair Tracl		Yard	Station	0	220	RTA Facility	FTA Office	1	Frack Type	At-grade	e T	unne	el El	evated	N/A
	x												Х			
Line(s)	C-Line		Treak	Number	1	Track	Chain	Marker	1		From			I	То	
Line(s)	C-Line		паск	vumber		1	and/o	r Station(s)	1	Duke Stree	t (C97) TPSS			C1 574+(00	
Vehicles	Неа	d Car Ni N/A	umber	Num	ber o N/A	of Cars	Equi	oment	F	Power Cables	(1000 kcmil	, 2 kV)				
						•		ent and elect			Number	of Defe	ts			0
				0		0		feeder cable 1 .ine Portal).	150	feet from	Recomm	ended F	indi	ng?		No
Description			. ,					,			Remedia	l Action	Req	uired?		No
	The F\	NSO Ins	pector a	and WMAT	A pe	rsonne	l did not no	ote any defect	ts.		Recomm	ended F	eins	pection?		No
Remedial Action	N/A															



United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170909-WMATA-AG-1					
inspection Date	2017	09	09	Report Number	20170909-WWATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	Maintenance		
Pail Agancy Donartmont		Name		Email	Office Phone	Office Phone		Mobile Phone		
Rail Agency Department Contact Information										
contact information										
Inspection Location	e-Reston East (N06).									

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	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspection S	ubject	Job Saf	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	669				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0900- 1200		Outside Shift	No
Related Reports	N/A				Related CAPS / Findings N/A			N/A						
	Ref			Rule or S	SOP		Standard		Other / T	ïtle		Che	cklist Refe	rence
Related Rules, SOPs, Standards, or Other	RWPN	N												
Standards, or other	MSRP	Ч												
nenoction Location	Mai Trac	Yard	Sta	tion	occ	RTA Facility	FTA Office	T	At-grade Tu		innel E		evated	N/A
Inspection Location	x							Track Type	x					
		Tra	ck	Turt		Chain Ma	rker		From				То	
Line(s)	N-Line	e Nur	nber	Track	1	and/or St	ation(s)	Spring Hill (N	04)		Wieh	le-Re	ston East (I	N06)
	Hea	d Car Numbe	r	Number	of Cars									
Vehicles		N/A		N//	Ą	Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO Disitally signed by ADAM ANTHONY GIOVANDO Disc=US, o=US. Government, ou=FRA FRAFtWorthTX, ou=DOT FRAFtWorthTX, on=ADAM ANTHONY GIOVANDO Date: 2017.09.13 13:53:27 -04'00'
Inspector in Charge – Name	Inspection Team
Adam Giovando	Adam Giovando, Ken Sgroi



Description	The FWSO Inspectors received a job safety briefing from the roadway worker in charge (RWIC) at Spring Hill (NO4) prior to entering the roadway. The briefing covered the type of on-track protection (i.e., Train Approach Warning (TAW)), the working limits, where to clear, known hazards and hotspots, safety rule of the day, location of nearest hospital, a check of personal protective equipment (PPE), and roadway worker protection (RWP) ID.	Number of Defects Recommended Finding? Remedial Action Required? Recommended Reinspection?	0 No No No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Sub	ject	Track V	Valker O	bservatior	ı		Activity Co	ode	TR	K	WI	PI
Job Briefing Employee Name/Title	TRST 6	69			Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	090 120		Outside Shift	No
Related Reports	N/A				Relat	ed CAPS /	Findings	N/A				·		
	Ref			Rule or S	SOP		Standard		Other / T	ītle		Cheo	klist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST 1	.000												
Standards, or Other	MSRPH	ł												
	Main Track	Yard	Stat	tion	occ	RTA Facility	FTA Office	T	At-grad	e Tui	nnel	Ele	vated	N/A
Inspection Location	х							Track Type	x					
Line(a)	N-Line	Track		Track 1			From				То			
Line(s)	N-Line	Numb	per Track 1 and/or Station(s		ation(s)	Spring Hill (N	04)		Wieh	le-Res	ton East (N06)		
	Head	l Car Number		Number	of Cars									
Vehicles		N/A		N/A	4	Equip	ment	N/A						
		Inspectors per			0	•		•	Number	of Defect	s			1
		yees on track 1 106). Inspectors				1 0	· · ·		Recomm	ended Fi	nding?			Yes
	Last (i	iooj. inspector.	5 10110	wed up o	ii pievio	usiy-1550e0			Remedia	I Action F	Require	ed?		Yes
Description	The fo	The following color-coded defect was observed: • TRST 1000 Manual, 11.5 Track Surface, Table 11-3: A uniform profile deviation of 1 % inches was observed at N1 800+40, on the aerial									Yes			
Remedial Action	To ach	ieve compliand												
	•	WMATA n	nust re	epair the	uniform	profile de	viation at N1	800+40.						



Photos:



Figures 1 & 2: Churned ballast at the location with a 1 ½" uniform profile deviation. Ballast indents on the sides of the concrete crossties indicate the amount of dynamic movement under loaded operations.



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170909-WMATA-AG-2					
inspection Date	2017	09	09	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub-Department TPRO					
Rail Agency Department		Name		Email	Office Phone		Mobile Phone			
Contact Information		1								
nspection Location A-Line, track 1 and 2, between Tv				(A13) and Medical Cen	ter (A10)					

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	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Insp	pection Sub	ject	Roadwa Briefing	'	ker Protecti	on (RWP) – J	lob Safety	Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	RWIC	C, TRS	5T Unit #610	1			mpanied ector?	No	Out Brief Conducted	No	Time	220 030		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or S	SOP		Standard		Other / 1	Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	М													
otandaras, or other															
	Ma Tra		Yard	Stat	ion (осс	RTA Facility	FTA Office	T	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	x			х					Track Type	x					
Ling(a)	A 1.5m	-	Track		Track :	Land	Chain Ma	rker		From			1	То	
Line(s)	A-Lin	e	Numb	er	2		and/or St	ation(s)	Twinbrook (A	.13)		Medi	cal Ce	enter (A10)	
	Hea	ad Cai	r Number		Number	of Cars									
Vehicles		N	I/A		N/A	1	Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO Disc=US, 0=U.S. Government, 0u=FRA FRAFtWorthTX, 0u=DOT FRAFtWorthTX, cn=ADAN ANTHONY GIOVANDO Date: 2017.09.13 13:54:22 -04'00'
Inspector in Charge - Name	Inspection Team
Adam A. Giovando	Adam Giovando & Ken Sgroi



Description	The job safety briefing was provided by TRST unit #6101 at Twinbrook (A13)	Number of Defects	0
	briefing table. The briefing was thorough and fully compliant with WMATA's	Recommended Finding?	No
	Roadway Worker Protection Manual (RWPM) requirements. It included WMATA level-1 ID check, type of protection, inaccessible track (IT), potential hazards, hot	Remedial Action Required?	No
	spots and hospital locations, red tag outage number, and safety rule of the day.		
	No exceptions were taken with the job safety briefing.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ection Sub	ject	RWPS	Setup Ins	pection			Activity Co	ode	TR	K	WI	PI
Job Briefing Employee Name/Title	RWIC	, TRST	Unit #610	1			mpanied ector?	No	Out Brief Conducted	No	Time	220 03		outside Shift	No
Related Reports	N/A					Relat	ted CAPS / I	Findings	N/A		1				
	Ref				Rule or	SOP		Standard		Other / T	ītle		Checkl	ist Refei	rence
Related Rules, SOPs, Standards, or Other	MSR	РΗ													
	RWP	M													
Inspection Location	Mai Trac		Yard	Stati	on	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tui	nnel	Eleva	ted	N/A
	х									х					
Line(s)	A-Lin	е	Track Numb	er	Track 2	1 and	Chain Ma and/or St		Twinbrook (A	From 13)		Medi	ical Cente	To er (A10)	
	Неа	nd Car N	Number	1	Number	[•] of Cars				,				. (,	
Vehicles		N/A			N,		Equip	ment	N/A						
						• •		spect roadw		Number	of Defect	s			7
		•		• •				and Structur	es (TRST) 2017 through	Recomm	ended Fi	nding?			Yes
				•				•	onal at chain	Remedia	Action F	Require	ed?		Yes
Description	the T 502A The f	winbro ollowir T T T (I) T (I) T C C	ng non-co IRST 1000 cover boar IRST 1000 cover boar IRST 1000 (ETS) cover IRST 1000 (ETS) cover IRST 1000 row spann classified a che TRST 1 IRST 1000 cover boar	Ior-coo Manu ds mis Manu ds mis Manu r was r Manu r was r Manu ing 14. is a ma 000 m Manu ds mis Manu	L. The R ded def al, 13.3 sing. al, 13.3 sing. al, 10.1 missing al, 10.1 missing al, 7.9. 3 inches intenar anual. al, 13.3 sing. al, 13.3	ed Tag Pr ects wer 3.15: At A 3.15: At A 4.4.3: At A on the E 4.4.3: At A on the E 2.5: At A s. As geo hace defea 3.15: At A	e observed 2 668+00, 1 2 668+00, 1 2 657+80, 1 2 649+40, 1 TS box. 2 620+20, 1 TS box. 2 595+10, fn metry was l ct per section 2 509+10, 1	e Number w : there are six there are two the Emergen the Emergen our defective peing mainta	o third rail cy Trip Station cy Trip Station e fasteners in a ained, this was nd 7.9.2.4 of ur third rail	Recomm	ended Re	einspec	tion?		Yes
Remedial Action	To ac	 V V V V V V V V 	WMATA m WMATA m WMATA m WMATA m WMATA m WMATA m	nust ins nust ins nust re nust re nust re nust ins	stall mis stall mis place th place th place do stall mis	ssing cov ssing cov ne ETS bo ne ETS bo efective f ssing cov	er boards a ox cover at A ox cover at A fasteners at er boards a								



United States Department of Transportation Federal Transit Administration

Agency/Department Inforr	nation							
Inspection Date	YYYY	MM	DD	Report Number	20170909-WN	4 A T A A	\mathbf{C}	
Inspection Date	2017	09	09	Report Number	20170909-000	/IATA-A	G-2	
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	TRPM	Sub- Dep	artment	
		Name		Email	Office Phone	ē	Ν	Aobile Phone
Rail Agency Department Contact Information								
Inspection Location	Foggy Bottor	m-GWU (C04) -	- Track 1					
Inspection Summary								

Insp

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	ction Subj	iect		Fogg	y Bottom-GV	VU (C04) – S	afe	ety Briefing	Activity Co	de	TP	þ	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA RWI	IC				mpanied ector?	Yes		Out Brief Conducted	Yes	Time	0200 060		Outside Shift	Yes
Related Reports						Relat	ed CAPS / F	indings								
	Ref					Rule	or SOP	Standard			Other / T	itle		Cheo	cklist Refere	nce
Related Rules, SOPs,	RWP	Μ														
Standards, or Other																
Inspection Location	Ma Tra		Yard	Station	C	осс	RTA Facility	FTA Office	т	rack Type	At-grade	e Tur	inel	Ele	evated	N/A
	Х								1	ruuk rype		2	<			
							Chain N	larker			From				То	
Line(s)	C-Lin	e	Track N	Number		N/A		Station(s)		N/A			N/A	4		
	Hea	ad Car N	lumber	Numb	oer c	of Cars										
Vehicles		N/A			N/A		Equipr	nent	Ν	N/A						

Inspector in Charge - Signature A	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorth ANTHONY GIOVANDO Date: 2017.09.18 11:00:47 -04'00'	Date X, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



Vehicles

United States Department of Transportation Federal Transit Administration

Head Car Number

N/A

						•	VMATA road			Number	of Defects				0
	0,	, ,				• • •	ind roadway			Recomm	ended Fin	ding?		1	No
		. ,				0	ts were revie Ile of the day			Remedia	l Action R	equired	?	1	No
Description	spots, ha used as p	zards, cleara art of the di	nce areas, co	omn	nunicatio	on, and Roa	idway Access			Recomm	ended Rei	nspecti	ion?	No	
Remedial Action	N/A														
Inspection Activity #	2 In	spection Sul	oject		007	Bottom-GV cement	VU (C04) - C	abl	le	Activity Co	ode T			RM	OBS
Job Briefing Employee Name/Title	WMATA	RWIC			Accom Inspec	npanied ctor?	Yes	-	Out Brief Conducted	Yes	Time	0200 060)utside Shift	Yes
Related Reports					Relate	ed CAPS / F	indings								
Related Rules, SOPs, Standards, or Other	INSTRUC EXPANSIO POWER O SYSTEM SEPTEME TRACTIO DRAWIN	RING MODIF TIONS (EMI) DN, AND TR/ ABLES REPL WIDE (REVIS IER 16, 2016 N POWER DF G (DD-TP-SS) I 0, AUGUST	FOR JUMPER ANSITION ACEMENT ION 2,) :SIGN -013,	٦,	Rule o	r SOP	Standard			Other / T	itle		Checkli	st Refere	nce
Inspection Location	Main Track	Yard	Station	C	DCC	RTA Facility	FTA Office	т	Frack Type	At-grade	e Tun	inel	Eleva	ted	N/A
	х										>	(
Line(s)	C-Line	Track	Number		Track	Chain N				From				То	
. /					1	and/or	Station(s)		C1 68+00			C1 68+00			

contr assen boots train The F	WSO Inspector observed WMATA's power department and electrical ractors performing the task of replacing an orange boot cable connector mbly that was sliced open by a prime mover (PM). All the adjacent orange s were secured to the wall to remove them from the dynamic envelope of any or rail maintenance vehicle (RMV) that traverses the track.	Number of Defects Recommended Finding? Remedial Action Required?	0 No No
assen boots train The F	nbly that was sliced open by a prime mover (PM). All the adjacent orange s were secured to the wall to remove them from the dynamic envelope of any		_
boots train The F	s were secured to the wall to remove them from the dynamic envelope of any	Remedial Action Required?	No
Description The F	or rail maintenance vehicle (RMV) that traverses the track.		
Desig Instru system	WSO inspector observed the contractor install the new orange boot cable ector assembly and secure the adjacent orange boots per Traction Power on Drawing DD-TP-SSI-013, issued August 2001 and Engineering Modification for jumper, expansion, and transition power cables replacement m wide, issued September 16, 2016. WSO Inspector and WMATA personnel did not note any defects.	Recommended Reinspection?	No
Remedial Action N/A			

Equipment

Orange boot cable connector assembly

Number of Cars

N/A



United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170913-WM		2 1			
inspection Date	2017	09	13	Report Number	20170913-001					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Depar	rtment	ΤΚΙΝ		
	1	Name		Email	Office Phone	e	N	lobile Phone		
Rail Agency Department Contact Information										
Inspection Location	Spection Location C-Line, Tracks 1 and 2, Metro Center (C01) to Huntington (C15)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Su	oject	Track G	eometry	/ Vehicle Ir	spection		Activity Co	ode	TR	К	TGV	OBS
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?		•	Yes	Out Brief Conducted	No	Time	2200- 0400		Outside Shift	Yes
Related Reports	N/A				Relate	ed CAPS / I	Findings	N/A						
	Ref			Rule or S	OP		Standard		Other / T	ītle		Che	ecklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST 1	1000												
Standards, or other														
	Mair Tracl	Yard	Stat	ion C	DCC	RTA Facility	FTA Office		At-grade Tu		innel E		evated	N/A
Inspection Location	х							Track Type	x		х		х	
		Track		Tracks	1	Chain Ma	rker		From				То	
Line(s)	C-Line	Numb		and 2		and/or St		Metro Center	r (C01)		Hunti	ngtor	n (C15)	
	Head	d Car Number		Number o	of Cars									
Vehicles		N/A		N/A	L.	Equip	Equipment N		N/A					

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.18 11:09:05 -04'00'	Date thTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Mike Vitale		



	FWSO Inspectors observed WMATA employees performing geometry testing with	Number of Defects	2
	the track geometry vehicle (TGV) on tracks 1 and 2 of the C-Line between Metro Center (C01) and Huntington (C15).	Recommended Finding?	Yes
	The following color-coded defects were observed:	Remedial Action Required?	Yes
Description	 TRST 1000, Table 13-2: Third rail elevation measured 1.41 inches above standard at C2 282+60. Multiple collector shoes were noted in this location. Red Condition. TRST 1000, Table 11-2: Track gauge measured 57.3 inches at C2 283+20. The Emergency Response Team (ERT) team was dispatched to install a gauge rod for revenue service. Black Condition. 	Recommended Reinspection?	Yes
Remedial Action	 To achieve compliance with WMATA's requirements: WMATA must correct third rail elevation at C2 282+60. WMATA must correct wide gauge condition at C2 283+20. 		



Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170913-WMATA-AG-2				
inspection bate	2017	09	13	Report Number					
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	TRPM	Sub- Departme	nt		
		Name		Email	Office Phone	e	Mobile Phone		
Rail Agency Department Contact Information									
contact mormation									
Inspection Location	N1 500+00 to	o McLean (N01) - Track 1						
inspection Location	NT 200+00 (
Inspection Summary									

3 4 6 Inspection Activity # 1 2 5 TP-JSB-OBS Activity Code **TP-WI-OBS Inspection Units** 1 1 **Inspection Subunits** 1 1 Defects (Number) 0 0 **Recommended Finding** No No **Remedial Action Required¹** No No **Recommended Reinspection** No No

Activity Summaries

Inspection Activity #	1	Inspe	ction Sub	ject	McLean (N Crew)	01) - Job Saf	ety Briefing (Mobile Work	Activity Co	de	ТР) JSB	OBS			
Job Briefing Employee Name/Title	WMA	ATA RW	С		Accompan Inspector?		Yes	Out Brief Conducted	Yes	Time	100 140		No			
Related Reports	N/A				Related CA	.PS / Finding	şs	N/A								
	Ref				Rule or SOI	p	Standard		Other / T	itle		Checklist Reference				
Related Rules, SOPs,	RWP	M			R-17-02											
Standards, or Other	MSRPH			R-17-03												
Inspection Location	Ma Tra		Yard	Statio n	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tun	inel	Elevated	N/A			
	х							The rest of the re	х			х				
						Chain Mar	ker and/or		From			То				
Line(s)	N-Lin	ie	Track	Number	Track 1	Station(s)	,	N/A			N/A	Ą				
	Hea	ad Car N	lumber	Nun	nber of Cars											
Vehicles N/A N/A				N/A	Equipment		N/A									

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorthT ANTHONY GIOVANDO Date: 2017.09.18 11:12:33 -04'00'	Date X, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		

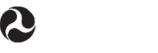


	FWSO personnel received a job safety briefing from the WMATA roadway worker in	Number of Defects	0
	charge (RWIC). All personal protective equipment (PPE) and roadway worker	Recommended Finding?	No
	protection (RWP) IDs were checked and the working limits were reviewed. The WMATA RWIC covered the nearest hospital and safety rule of the day. The hazards,	Remedial Action Required?	No
Description	 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 (next station ahead in the direction the mobile crew walked). The flashing amber lantern /E-flare and the orange flag had been positioned at the end of the platform (8-car marker or end gate). No exceptions were taken. The FWSO Inspector did not note any defects. 	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ction Sub	ject	Walking (Observation	(Cable Inspec	ctio	on)	Activity Co	de	Т	P	WI	OBS
Job Briefing Employee Name/Title	WMA	TA RW	IC		Accompa Inspector		Yes	-	Out Brief Conducted	Yes	Time	1000- 1400		Outside Shift	No
Related Reports	N/A				Related C	APS / Findi	ngs	N	I/A						
	Ref				Rule or So	OP	Standard			Other / Title Che				ecklist Reference	
	DRAW	VING (D	OWER DE: DD-TP-SSI- AUGUST 2	013,											
Related Rules, SOPs, Standards, or Other	INSTR JUMP TRAN REPLA	EUCTION ER, EXF SITION ACEMEN SION 2,	G MODIFI NS (EMI) F PANSION, POWER C NT SYSTEM , SEPTEME	OR AND ABLES A WIDE											
Inspection Location	Mai Trac		Yard	Station	осс	RTA Facility	FTA Office	т	rack Type	At-grade	At-grade Tunnel Elevated		vated	N/A	
inspection Location	x								Tack Type	x				х	
							a			From				Elevated X To n (N01)	
Line(s)	N-Line	9	Track I	Number	Track 1	Chain N and/or	Station(s)		N1 500+00			М	cLean (N01)	
	Hea	d Car N	Number	Num	ber of Cars				. / .						
Vehicles		N/A	A		N/A	Equip	nent	N	I/A						
	FWSC) inspec	ctor obser	ved WMAT	A employee	es perform a	cable inspec	tio	n on track 1	Number	of Defect	5			0
				N1 500+00) and McLea	an (N01). Ins	pectors also	ins	pected	Recomm	ended Fir	iding?	I		No
	cable	conditi	ions.							Remedia	l Action R	equire	ed?		No
	No de	efects w	vere note	d.											
Description															
			servations												
		•	ion cables		Recomm	ended Re	inspeo	ction?		No					
		•			ie ground a										
		•			ie ground a										
							and N2 614+								



Remedial Action N/A



Form FTA-IR-1

Agency/Department Information

Increation Date	YYYY	MM	DD	Bonort Number	20170012 \//				
Inspection Date	2017	09	13	Report Number	20170913-WMATA-AG-3				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM				
	I	Name		Email	Office Phone	e l	Mobile Phone		
Rail Agency Department Contact Information									
Inspection Location	Tenleytown-AU (A07) – AC Switchboard (SWBD) #1 and #2								

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect	Tenleyto	own-AU	(A07) – Sa	fety Briefing		Activity Co	ode	TI	Р	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA Pow	ver Persor	nel		Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	0100 0500		Outside Shift	Yes
Related Reports	N/A					Related CAPS / Findings N/A				/A					
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refere	ence
Related Rules, SOPs, Standards, or Other	RWPI	M													
Standards, or other															
In a section I continue	Mai Trac		Yard	Stat	ion C	OCC Fac		FTA Office	Tuesda Taura	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location	х			х					Track Type			Х			
Line (a)	A 15.0	-	Track		N1/A		Chain Ma	rker		From				То	
Line(s)	A-Lin	е	Numbe	er	N/A		and/or S	ation(s)	N/A			N/A			
	Hea	ad Car N	lumber		Number o	of Cars									
Vehicles		N/A			N/A		Equipment		N/A						

Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.18 11:15:55 -04'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



	FWSO personnel 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 safety	Recommended Finding?	No
Description	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		

Inspection Activity #	2	Inspe	ection Subj	ject		own-AU (Au ive Mainter)7) – AC Swite Jance	chgear	Activity Co	ode	т	Р	RM	OBS
Job Briefing Employee Name/Title	WMAT	A Pov	wer Persor	nnel	nel Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	0100 0500		Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref				Rule or SOP Standard			Other / Title Checkli				dist Refe	ist Reference	
Related Rules, SOPs, Standards, or Other	TRST 1	000												
	Main Track		Yard	Station	OCC RTA FTA Facility Office Track Type		At-grad	e Tu	nnel	Elev	vated	N/A		
Inspection Location	x			х					х					
					N/A Chain Marker and/or Station(s) Chain Marker AC SWBD Roor A1 256+00		From				То			
Line(s)	A-Line		Track N	Number			AC SWBD Ro		Tenleytown-AU (A07), AC SWBD Rooms #1 and #2 A1 257+00			-		
	Head	Car N	Number	Numb	er of Cars Equipment N/A									
Vehicles		N/A	4		N/A	Equip								
		An FWSO Inspector observed WMATA's power personnel performing corrective								of Defect	S			1
	mainte	nance	e on the A	C switchgea	r in AC sw	itchboard ro	oms #1 and	#2.	Recommended Finding?					Yes
	An FWS	SO Ins	spector ob	served WM	ATA engin	eering and	WMATA pow	er personnel	Remedial Action Required?			red? Yes		Yes
Description	Interfatile breat Program reprogram done to the Ren remote The fol • T p	ce (HI akers mmak ramm onight note ely mo ely mo lowin RST 1 ost in	MI) on the were wor ble Logic C ned the pro t. Also, WI Terminal I onitor the ng new no 000 Manu sulators, f	AC switchgg king properly controller (Pl evious night MATA enging Jnit (RTU), v status of the n-color-code ial, 3.2.2.1 :	ear in both y. The Cer .C) in AC S by WMAT eering ens which in tu e PLC. ed track d Standing v s, and inve	n rooms #1 htral Process WBD room A engineer sured the PL irn allows W efect was o vater surrou	sing Unit (CPL #1 had been ng. Testing o C was comm /MATA engin bserved and	ensured the bus J) for the replaced and f that PLC was unicating with eering to noted: ng rails, 3 rd rail		ended Re	inspec	tion?		Yes
Remedial Action			•	e with WMA itigate wate			ins, and clea	n up standing w	ater from A:	1 256+00	to A1 2	.57+00.		



Form FTA-IR-1

Agency/Department Information

	YYYY	MM	DD						
Inspection Date				Report Number	20170914-WMATA-AG-1				
	2017	09	14						
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM	Sub- Depa	artment		
		Name		Email	Office Phone	2	N	1obile Phone	
Rail Agency Department Contact Information									
Inspection Location	Braddock Ro	ad (C12) - Bati	tery Room						
Inspection Summary									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspe	ction Subj	ject	Braddoo	k Road	(C12) – Saf	ety Briefing		Activity Co	de	TP	JSB	OBS	
Job Briefing Employee Name/Title	WMATA Power Personnel				Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1730 to 2130	Outside Shift	Yes		
Related Reports	20170112-WMATA-AD-2					Related CAPS / Findings									
	Ref				Rule or S	ОР		Standard		Other / T	itle	C	Checklist Reference		
Related Rules, SOPs, Standards, or Other															
standards, or Other															
	Mai Trac		Yard Statio		tion OCC		RTA Facility	FTA Office		At-grade	e Tur	nnel	Elevated	N/A	
Inspection Location				х	(Track Type					х	
Lino(a)	C-Lin	~	Track				Chain Mar	ker		From		То			
Line(s)	C-LIN	е	Numbe	er	N/A		and/or Sta	ation(s)	N/A			N/A	'A		
	Hea	ad Car N	Number		Number o										
Vehicles		N/A	A		N/A		Equipment		N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.09.18 11:48:26 -04'00'	Date ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



	FWSO personnel 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 safety	Recommended Finding?	No
	rule of the day. The potential for chemical burns, electrical shock, and explosion	Remedial Action Required?	No
Description	hazard was clearly articulated when working with batteries. An acid resistant apron, rubber gloves, and safety glasses were worn by all personnel present; including the FTA inspector. Fully insulated tools were used by WMATA electricians. The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Subj	ect		ck Road (C1 ive Mainter	2) – Battery E nance (PM)	Bank	Activity Co	de	TF	Р	RM	OBS
Job Briefing Employee Name/Title	WMA	TA Po	ower Persor	inel	Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1730 2130		Outside Shift	Yes
Related Reports	20170)112-\	WMATA-AD)-2	Related	CAPS / Fin	dings	Remedial Act	on ID #1125					
	Ref				Rule or SOP Standard			Other / T	Other / Title Checklis				ence	
Related Rules, SOPs, Standards, or Other	WMATA Preventive Maintenance Inspection for Bi- Annual Battery Maintenance; Effective June 1, 2012													
Inspection Location	Mai Trac		Yard	Station	OCC RTA FTA Facility Office Track Type				At-grade	e Tu	nnel	Ele	evated	N/A
				Х										Х
						Chain Ma	rker		From				То	
Line(s)	C-Line Track Number N/A and/or Station(s) Brac		Braddock Roa Battery Room	())			dock R ry Roc	oad (C12), om						
Vehicles	Hea	id Car	Number	Numb	Number of Cars Equipment Round Cell Lead Acid Batte							A	· · · · · · · · · · · · · · · · · · ·	
venicies		N/	'A	I	N/A	Equip	ment	Kouliu Cell Le	au Aciu Dali	enes – Lu	icent (iv	lanura	acturer) ry	JE LISUIS
		An FWSO Inspector observed WMATA's power personnel performing preventive maintenance on a 60-cell battery bank which was connected to the Uninterruptible									Number of Defects			
							ected to the L (AC) Switchb		Recommended Finding?				Yes	
	Room		51y (01 5) 111	the adjacen	t Alternati	ing current	(AC) Switchb	Jaru (30000)	Remedia	red? Yes		Yes		
Description	maint Preve June 3 syster The fe The F	The FWSO Inspector observed WMATA personnel perform the preventive maintenance per the Engineering Modification Instruction (EMI), "WMATA Preventive Maintenance Inspection for Bi-Annual Battery Maintenance; Effective June 1, 2012." This PMI covers the three different types of batteries present in the system but has not been officially approved by WMATA									Yes			
	powe rectify	r pers y the v	onnel logge voltage vari	ed the issue ation in con	and will cr junction w	eate a worl vith a dedica	de tolerances corder to tro ated WMATA	ubleshoot and						
Remedial Action	TO ac	 o achieve compliance with WMATA's requirements: WMATA must bring positive and negative to ground voltages within the Braddock Road battery room back into tolerance with WMATA standard. 												



United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170917-WMATA-AG-1				
inspection Date	2017	09	17	Report Number					
Rail Agency Name	Washington Authority	Metropolitan A	Area Transit	Rail Agency Department	TRPM	Sub- Depart	tment		
	1	Name		Email	Office Phone		Mobile Phone		
Rail Agency Department Contact Information									
Inspection Location	Fisher Ave. (K06) 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 Subj	ect	Job Safe	ty Brief	ing			Activity Co	de	TF)	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA TRPI	M Personi	nel		Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	0900- 1400		Outside Shift	Yes
Related Reports	N/A					Related CAPS / Findings N/A			N/A	N/A					
	Ref				Rule or S	OP	DP Standard			Other / T	itle		Che	cklist Refere	ence
Related Rules, SOPs, Standards, or Other	RWP	M													
Standards, or other															
luces ation 1 and in a	Ma Tra		Yard Stat		on C	осс	RTA Facility	FTA Office	Treads Truce	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location				х					Track Type						х
		I	Track				Chain Mar	ker	From			То			
Line(s)	K-Lin	e	Numbe	r	N/A		and/or Sta		N/A			N/A			
	Hea	ad Car N	umber	١	Number of Cars						l				
Vehicles		N/A			N/A		Equipment		N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U5. Government, ou=FRA FRAFtWork cn=ADAM ANTHONY GIOVANDO Date: 2017.09.21 22:27:04 -04'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



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

Inspection Activity #	2	Insp	ection Subj	ect	Prevent	ive Mainter	ance (PM) O	bservation	Activity Co	de	Т	Р	RM	OBS
Job Briefing Employee Name/Title	WMA ⁻	ГА Ро	ower Person	nel	Accomp Inspect		Yes	Out Brief Conducted	Yes	Time	0900 1400		Outside Shift	Yes
Related Reports	N/A				Related	CAPS / Fine	dings	N/A						
	Ref				Rule or SOP Standard			Other / T	Other / Title Checkl				ence	
Related Rules, SOPs, Standards, or Other	WMATA PREVENTIVE MAINTENANCE INSPECTION FOR OVERCURRENT RELAYS 34.5 AND 13.8 kV ALTERNATING CURRENT (AC) SYSTEMS 728/1090 DAY INSPECTION (REV. 2, June 21, 2013) ABB (Manufacturer Leaflet) 41- 101U, Type CO-9 HILO Relay for (50/51) Overcurrent Relay													
Inspection Location	Mair Tracl	י ו	Yard	Station	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Elev	vated	N/A
				х				Пасктуре						х
Line(s)	K-Line		Track N	lumber	N/A	Chain Ma	rker		From				То	
Line(3)	IN EILING		THERE			and/or St	ation(s)	Fisher Ave. (H	(06) TPSS		Fishe	r Ave. ((KO6) TPSS	
Vehicles	Hea	d Car	Number	Numbe	er of Cars	Equip	ment	(50/51) Alter	nating Curre	nt (AC) Ov	ercurr	ent Rel:	ave	
Venicies		N/			N/A						rerearr	entitien	<i>x</i> y5	
							el performing		Number	of Defect	s			0
				,		0	tie-breaker,	es (incoming rectifier	Recomm	ended Fi	nding?			No
	transf	orme	er breaker #2	L, and rectifi	er transfo	rmer break	er #2). Relays	were	Remedia	l Action F	Require	d?		No
Description	removed from AC switchgear (SWGR) cubicles and tested for proper functionality and calibrated using a relay test apparatus. WMATA engineering dictates the proper settings and parameters that the relays are to be set to for each location. The FWSO Inspector observed WMATA personnel perform the preventive maintenance per the Preventive Maintenance Instruction (PMI), "WMATA PREVENTIVE MAINTENANCE INSPECTION FOR OVERCURRENT RELAYS 34.5 & 13.8 kV AC SYSTEMS 728/1090 DAY INSPECTION; Effective June 21, 2013." The FWSO Inspector did not note any defects.										No			
Remedial Action	NI / A	N/A												



Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170019 \//							
inspection Date	2017	09	18	Report Number	20170918-WMATA-AG-1							
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	TRPM Sub- Department							
		Name		Email	Office Phone	2	Mobile Phone					
Rail Agency Department Contact Information												
Inspection Location	Fisher Ave. (I	sher Ave. (K06) Traction Power Substation (TPSS)										
Inspection Summary												

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	Inspe	ection Subj	ect	Job Safe	ty Briefi	ng			Activity Co	de	TP		JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA TRF	PM Person	nel		Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	OP		Standard		Other / T	itle		Cheo	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	M													
,															
	Mai Trac		Yard	Stat	ion C	CC	RTA Facility	FTA Office	T	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type						х
Line(a)	Kling		Track				Chain Mar	rker		From		I		То	
Line(s)	K-Line	e	Numbe	er	N/A		and/or Sta	ation(s)	N/A			N/A			
Maketaka -	Hea	ad Car N	Number		Number o	f Cars			NI (A						
Vehicles		N/A	4		N/A		Equip	ment	N/A						

Inspector in Charge - Signature	ADAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.09.21 22:30:49 -04'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



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

Inspection Activity #	2	Inspe	ection Sub	ject	Prevent	ive Mainter	nance (PM) O	bservation	Activity Co	ode	TP		RM	OBS	
Job Briefing Employee Name/Title	WMA [*]	TA Pov	wer Persor	nnel	Accomp Inspect		Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No	
Related Reports	N/A				Related	CAPS / Fin	dings	N/A				·			
	Ref				Rule or	SOP	Standard		Other / Title Check				cklist Reference		
Related Rules, SOPs, Standards, or Other	WMATA PREVENTIVE MAINTENANCE INSPECTION FOR UNDER/OVER VOLTAGE RELAYS 34.5 & 13.8 kV 720/1090 DAY INSPECTION – REV. 3, SEPTEMBER 8, 2000														
	Maii Trac		Yard	Station	осс	RTA Facility	FTA Office	Tuesda Taura	At-grad	e Tu	nnel	Eleva	ated	N/A	
Inspection Location				х				Track Type						х	
Line(s)	K-Line		Track	Number					From				То		
Line(s)	K-LIIIC		Hacki	umber	NA	and/or St	ation(s)	Fisher Ave. (K	(06) TPSS		Fisher	Ave. (K	06) TPSS	5	
Vehicles	Неа	d Car I	Number	Numb	er of Cars	Fauin	mont	(27/59) Alteri	nating Curro	nt (AC) Lir	adorualt	ago Pol	21/5		
venicies		N/A	4	1	N/A	Equip	ment	(27/59) Alten	liating curre	III (AC) UI	luervoit	age nei	ays		
							el performing		Number	of Defect	s			0	
				0	,	0	rent (AC) switker and incor	0	Recomm	ended Fir	nding?			No	
		'		•	· ·			o ,	Remedia	I Action R	Required	1?		No	
Description	The FV maint PREVE & 13.8	eering for ea WSO Ir enance NTIVE 3 kV 72	dictates th ch location nspector o e per the F E MAINTEN 20/1090 D	ne proper se n. bserved WM Preventive M IANCE INSPE AY INSPECTIO	removed from AC SWGR cubicles and tested for rated using a relay test apparatus. WMATA er settings and parameters that the relays are to be WMATA personnel perform the preventive ve Maintenance Instruction (PMI): "WMATA NSPECTION FOR UNDER/OVER VOLTAGE RELAYS 34.5 ECTION; Effective September 8, 2000." Note any defects.									No	
Remedial Action	N/A														



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170919-WMATA-AG-1							
inspection Date	2017	09	19	Report Number								
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department TRST Sub- Department TKIN								
		Name		Email	Office Phone	e	N	1obile Phone				
Rail Agency Department Contact Information												
Inspection Location	C-Line, Track	-Line, Track 2, Braddock Road (C12) to National Airport (C10)										

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

Activity Summaries

Inspection Activity #	1	Inspe	ection Sub	ject	Job Sa	fety Brie	efing			Activity Co	ode	TRI	ĸ	JSB	OBS
Job Briefing Employee Name/Title	TRST	6157				Accompanied Inspector?		Yes	Out Brief Conducted	No	Time	2200- 0300		Outside Shift	Yes
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or	SOP		Standard	•	Other / 1	Title		Cheo	cklist Refer	ence
Related Rules, SOPs,	RWPI	M													
Standards, or Other															
	Mai Trac		Yard	Stat	tion	осс	RTA Facility	FTA Office		At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x		х		х	
			Track				Chain Ma	rker		From				То	
Line(s)	C-Lin	e	Numbe	er	Track	2	and/or St		Braddock Roa	ad (C12)		Natio	nal Ai	rport (C10)	
	Hea	ad Car I	Number		Number	of Cars									
Vehicles		N/A	Ą		N/	A	Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.09.21 22:43:03 -04'00'	
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Adam Giovando, Mike Vitale		



Description	
Remedial Action	
Remedial Action	
Inspection Activity #	
Job Briefing Employee Name/Title	
Related Reports	
Related Rules, SOPs,	
Standards, or Other	
Inspection Location	
Line(s)	
Line(s)	
Vehicles	
venicles	
FWSO Inspectors p Braddock Road (C1	



	 The following items remain open and will be issued individual remedial actions: TRST 1000, Table 6-3: Defective tie condition between C2 418+00 and 419+50. TRST 1000, 6.14.2.1: Defective grout pad at C2 399+00. TRST 1000, 6.14.2.1: Defective grout pads between C2 383+00 and 382+50. TRST 1000, 6.14.2.1: Defective grout pad at C1 372+00.
Remedial Action	 To achieve compliance with WMATA's requirements: WMATA must replace non-defective ties at C2 521+00. WMATA must replace defective switch ties at C2 520+20, switch 1B. WMATA must replace frog at C2 520+20, switch 1B. WMATA must replace defective fasteners at C2 399+80. WMATA must replace missing cover board on kicker rail at C2 520+20. WMATA must replace broken 3rd rail anchor arm on kicker rail at C2 520+20. WMATA must replace missing door on ETS box at C2 485+00. WMATA must replace missing door on ETS box at C2 469+70. WMATA must replace missing door on ETS box at C2 431+00. WMATA must replace missing door on ETS box at C2 431+00. WMATA must replace defective ties between C2 418+00 and 419+50. WMATA must replace defective grout pads between C2 383+00 and 382+50. WMATA must replace defective grout pad at C1 372+00.

Photos:



Figure 1: Low ballast condition at right rail tie end at C2 411+50. Ballast 8 inches below tie end.



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170919-WN	10T0 0	C 2				
inspection Date	2017	09	19	Report Number	20170919-001						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	RPM Sub- Departmen					
	1	Name		Email	Office Phone	е	N	1obile Phone			
Rail Agency Department											
Contact Information											
Inspection Location	C and J-Lines	and J-Lines, Track 1, King Street (C13) to Van Dorn Street (J02)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Saf	ety Brie	fing			Activity Co	ode	Т	P	JSB	OBS
Job Briefing Employee Name/Title	WMA	WMATA RWIC					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100 140	-	Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or S	SOP		Standard		Other / 1	ītle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	Μ			R-17-02										
Standards, or Other	MSRF	PH			R-17-03										
	Mai Trac		Yard Station		on (DCC	RTA Facility	FTA Office	Tuesda Taura	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	х							Track Type	x	х			х		
1:===(=)	C- an	d J-	Track		Chain Ma			rker		From			То		
Line(s)	Lines		Numbe	er	Track 1 and/or St			ation(s)	N/A			N/A			
	Hea	ad Car N	umber	1	Number of Cars										
Vehicles		N/A			N/A	A	Equip	oment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:00:43 -04'00'	Date thTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



	FWSO personnel 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	Recommended Finding?	No
	protection (RWP) IDs were checked and the working limits were reviewed. The 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 (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 (8-car marker or end gate). No exceptions were taken. FWSO inspector observed WMATA RWIC (Roadway Worker in Charge) request foul time for five "hot spots" (portals, curve: restricted view, blind spot, and interlocking) encountered during the mobile work crew's cable inspection walk. One hundred percent repeat back did occur on radio communication between the RWIC and the Rail Operations Command Center (ROCC). The RWIC relinquished foul time once mobile work crew completely walked through the "hot spot." No issues/concerns or exceptions were taken to RWIC performing his duties. The RWIC was compliant with WMATA PERMANENT ORDER R-17-02 GRANTING FOUL TIME (FRIDAY, APRIL 28, 2017). The FWSO Inspector did not note any defects. 	Recommended Reinspection?	No
Remedial Action	N/A		1

Inspection Activity #	2	Inspecti	on Subj	ect	Walkir	g Obsei	rvation (Ca	ble Inspectio	n)	Activity C	ode	Т	Р	WI	OBS
Job Briefing Employee Name/Title	WMAT	A RWIC					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100 14		Outside Shift	No
Related Reports	N/A					Rela	ted CAPS	/ Findings	N/A	I	1				
	Ref				Rule or	SOP		Standard		Other / 1	Гitle		Chec	klist Refer	ence
	TRST 1	000													
	DD-TP	-SSI-013													
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)														
	Main Track	V:	ard	Statio	on	осс	RTA Facility	FTA Office		At-grad	e Tu	nnel	Ele	vated	N/A
Inspection Location	х								Track Type	х		Х		х	
Line(s)	C- and	J-	Track		Trock	1	Chain N	arker		From			То		
Line(s)	Lines	Number Track 1 and/or Station					Station(s)	King Street (C	213)		Van I	Dorn (J	02)		
Vahielee	Head	l Car Nur	nber	Ν	lumber	of Cars	Ferry		NI/A						
Vehicles		N/A			N/	A	Equ	pment	N/A						
							re observe			Number	of Defec	ts			4
	•		T 1000 P +00 (Gr e		-		d rail cove	er board missi	ng at J1	Recomm	nended Fi	nding?			Yes
Description	•		•				d rail cove	er board missi	ng on end	Remedia	Action	Require	ed?		Yes
					-		ondition).		5	Recomm	nended R	einspeo	tion?		Yes



United States Department of Transportation Federal Transit Administration

 TRST 1000 Manual, 13.3.14: Third rail cover board missing at J1 627400 (Green Condition). ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE: J1 607400 – Expansion cable damaged and on gauge side of the third rail. Other Notable Observations: Cables lying on the ground and surrounded by trash and debris at J1 503400. Cables lying on the ground and surrounded by trash and debris at J1 506400. Cables lying on the ground at J1 515400. Cables lying on the ground at J1 524400. Cables lying on the ground at J1 53400. Cables lying on the ground at J1 534700. Cables lying on the ground at J1 54700. Cables lying on the ground at J1 564700. Cables lying on the ground at J1 574700. Cables lying on the ground at J1 674700 and J2 677400. Cables lying on the ground at J1 674700 and J2 672400. Cables lying on the ground at J1 674700 and J2 672400. Cables lying on the ground at J1 686400. Cables lying on the ground at J1 686400. Cables lying on the ground at J1 686400. Cables lying on the ground at J1 686400
 Cables lying on the ground and surrounded by trash and debris at J1 503+00. Cables lying on the ground and surrounded by trash and debris at J1 506+00. Cables lying on the ground at J1 515+00. Cables lying on the ground at J1 524+00. Cables lying on the ground at J1 536+00. Cables lying on the ground at J1 537+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 560+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 607+00 and J2 607+00. Cables lying on the ground at J1 616+00 and J2 616+00. Cables lying on the ground at J1 617+00 and J2 617+00. Cables lying on the ground at J1 627+00 and J2 672+00. Cables lying on the ground at J1 627+00. Cables lying on the ground at J1 686+00.
 503+00. Cables lying on the ground and surrounded by trash and debris at J1 506+00. Cables lying on the ground at J1 515+00. Cables lying on the ground at J1 524+00. Cables lying on the ground at J1 536+00. Cables lying on the ground at J1 537+00. Cables lying on the ground at J1 538+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 562+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 672+00 and J2 607+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 672+00 and J2 672+00.
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Cables lying on the ground at J1 686+00.
Cables lying on the ground at J1 688+00.
To achieve compliance with WMATA's requirements:
WMATA must replace expansion cable and install cables per EMI at J1 607+00.
Remedial Action•WMATA must replace missing cover board at J1 536+00.
WMATA must replace missing cover board at J1 566+60.
WMATA must replace missing cover board at J1 627+00.

Photos:



Figure 1: J1 607+00 - Expansion cable damaged and on gauge side of the third rail.



Form FTA-IR-1

Agency/Department Information

Increation Data	YYYY	MM	DD	Depert Number	20170020 \		` 1				
Inspection Date	2017	09	20	Report Number	Report Number 20170920-WMATA-AG-1						
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	TRST	Sub- Depa					
	1	Name		Email	Office Phone	5	N	lobile Phone			
Rail Agency Department Contact Information		l									
Inspection Location	L-Line from L	L-Line from L'Enfant Plaza (F03) to Pentagon (C07) – track 1									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ty Briefi	ing/On-Trad	ck Protectior	1	Activity Co	de	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	TRST Unit #6269				Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1300		Outside Shift	No
Related Reports	N/A	N/A				Relate	ed CAPS / F	indings	N/A						
	Ref		Rule or SC			OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	М													
	MSRI	РН													
	Ma Tra		Yard	Statio	on C	осс	RTA Facility	FTA Office		At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x	x		х		
Ling(a)	1.1.5		Track		Chain N		Chain Mar	rker		From		То			
Line(s)	L-Lin	e	Numbe	er	Track 1 and/or St		and/or Sta	tion(s)	L'Enfant Plaza	r (F03) Pent			agon (C07)		
	He	ad Car N	umber	١	Number o										
Vehicles		N/A			N/A		Equipr	uipment N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorth ANTHONY GIOVANDO Date: 2017.09.21 22:52:01 -04'00'	Date TX, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Ken Sgroi, Robert Maniuszko		



	The FWSO inspection team received a job safety briefing from the roadway worker	Number of Defects	0
	in charge (RWIC) at L'Enfant Plaza (F03). The briefing covered the type of on-track protection, Train Approach Warning (TAW), where to clear, known hazards, and	Recommended Finding?	No
	hotspots. All personal protective equipment (PPE) was checked as well as roadway	Remedial Action Required?	No
	worker protection (RWP) IDs.		
Description	The RWIC provided Advanced Watchman/Lookout #6210 and Advanced Mobile Flagger (AMF) #6121.	Recommended Reinspection?	No
	The FWSO team noted no defects with the job safety briefing or the on-track protections that were provided.		
Remedial Action	N/A		·

Inspection Activity #	2	Inspection Sub	ject	Track W	/alking I	nspection			Activity Co	de	TR	K	WI	PI
Job Briefing Employee Name/Title	TRST	Unit #6269				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1300		utside Shift	No
Related Reports	N/A				Relat	ed CAPS / F								
	Ref			Rule or S	OP		Standard		Other / T	ïtle		Checklis	st Refer	ence
Related Rules, SOPs, Standards, or Other	TRST1	L000												
Standards, or other														
Inspection Location	Spection Location Track Yard S					RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elevat	ed	N/A
	x							index rype	x		Х	х		
Line(s)	L-Line	Track		Track 1		Chain Ma			From				То	
2	L LINC	Numb	er	Truck	-	and/or Sta	ation(s)	L'Enfant Plaza	a (F03)		Penta	agon (C07)	
Vehicles	Hea	d Car Number	I	Number o	of Cars	Equip	mont	NI/A		Other / Title Checklist Reference At-grade Tunnel Elevated N/A X X X X om To To 03) Pentagon (C07)				
venicies	N/A N/A Equipment N/A													
	The fo	The following color-coded defects were observed: Number of Defects												5
				-				7+60, the left in excess of	Recomm	ended Fir	nding?			Yes
		120 inches		Remedia	l Action R	Require	d?		Yes					
Description	The fo	57%" static TRST 1000 evidence o 3/8" of mo A combine TRST 1000 effective fa bllowing non-co TRST 1000 box had no TRST 1000 box had no At L2 CM10 of vertical not author At L2 CM10 of vertical not author At L1 CM00 where the of a factor From L1 Cf out of the worker cou presented At L1 CM50 safety wall	with a Manual f gauge vemen d 57 1/ Manual stener d 57 1/ Manual stener d 57 1/ Manual stener d 57 1/ Manual stener d 54 10/ Manual stener d 59 170, web sh y weld. M053+(roadwa ild not a hazar 5+10, t st	an additio al, Table e wear, es at under la /8". Red C al, Table rs. Green led defec 5: At L1 C and the b s: five loose eral move r track 2; there wa nowed sig The web 00 to L1 C ay were b identify t rd to the he steps I degraded	nal %" of 11-2: At specially oad and Conditic 7-1: At Conditic 7-1: At Conditic Conditi	of lateral pu t L1 CM 162 y at the join d a static gar on. L1 CM 086+ on e observed: 00, the Eme t was not w ers were of under load. is a visual of ceable dip i prrosion. Th arked with § 00, the han nder numer d-grip rails a y workers in from the hi hunks of co	Ish. Red Con +60, the left t. There is al uge measure 30, there wa ergency Trip orking oserved and The FWSO In oservation o n the head o e area was v grease paint d-grip bars u rous cables. amongst the n this section gh safety wa norete missio	rail has so evidence of ment of 56 %". as 88" between Station (ETS) showed signs aspectors were nly. of the rail vithin 6-inches dated 2016. used to climb The roadway cables. This of the tunnel. Ik to the low		ended Re	inspec	tion?		Yes



		To achieve compliance with WMATA's requirements:
		• WMATA must correct the loose fasteners and pumping rail from L1 107+40 to 107+60.
Bomo	dial Action	WMATA must correct the gauge condition identified at L1 135+00.
Kenie		WMATA must correct the noneffective fasteners at L1 86+30.
		• WMATA must repair the conditions causing the gauge wear and 3/8" of movement at L1 CM162+60.
		• WMATA must repair the ETS box at L1 CM153+00.

Photo:



Figure 1: Safety Walk Stairs. Note exposed rebar, crumbled step and displaced step edge.



United States Department of Transportation Federal Transit Administration

Agency/Department Information

Increation Data	YYYY	MM	DD	Report Number	20170021 \//		C 1				
Inspection Date	2017	09	21	Report Number	20170921-WMATA-AG-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub- Department TKIN			ΤΚΙΝ			
	I	Name		Email	Office Phon	e	N	1obile Phone			
Rail Agency Department Contact Information											
Inspection Location	C and J-Lines, Track 1, King Street (C13) to J1 642+00										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspect	tion Subj	ect	Job Safe	ety Brief	ing				Activity Co	ode	TRK		JSB	OBS	
Job Briefing Employee Name/Title	TRST	6269				Accon Inspec	•		Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes	
Related Reports	N/A					Related CAPS / Findings N/A				N/A							
	Ref				Rule or S	OP			Standard		Other / T	ïtle		Checklist Reference			
Related Rules, SOPs, Standards, or Other	RWPN	RWPM															
Standards, or Other															Elevated N/A		
	Mai Trac		Yard Sta		ion C	осс		TA ility	FTA Office	T	At-grade	e Tui	nnel	Ele	evated	N/A	
Inspection Location	x			х						Track Type	x		х	x			
Line(s)	C and	J-	Track		Track 1		Chai	in Mar	ker		From			То			
Line(s)	Lines		Numbe	r	паск 1		and	/or Sta	ation(s)	King Street (C	:13)		J1 642	£2+00			
	Head Ca		umber	I	Number o	of Cars											
Vehicles		N/A			N/A		Equipment		nent	N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:03:02 -04'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard, Ken Sgroi		



	TRST unit 6269 conducted a job safety briefing at King Street Station platform.	Number of Defects	0
	The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID,	Recommended Finding?	No
Description	personal protective equipment (PPE) verification, type of protection, hazards, and	Remedial Action Required?	No
Description	hospital location.		
	The FWSO Inspectors took no exceptions to the job safety briefing.	Recommended Reinspection?	No
Remedial Action	N/A		•

Inspection Activity #	2	Inspe	ection Sub	oject	Track	Inspecti	on				Act	tivity Co	de	TR	К	WI	PI
Job Briefing Employee Name/Title	TRST Adva AMF	nce Wa	atchman 6	5280		Acco Insp		anied r?	Yes	Out Brief Conducted		Yes	Time	1000 1400		Outside Shift	Yes
Related Reports			VMATA-A VMATA-W			Rela	ted	CAPS / I	Findings	Remedial Act	ion I	n ID #s: 1288, 1594, 1596					
	Ref				Rule o	or SOP			Standard			Other / Title Chec				klist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST-	-1000 r	rev. 6														
Inspection Location	Mai Trac		Yard	Stat	tion	OCC RTA Facility		FTA Office	Track Type		At-grad	e Tu	nnel	Ele	vated	N/A	
	х			>	K					Пасктуре		Х		Х		x	
	C and J- Lines Number Track 1						-	ain Ma d/or St		From To King Street (C13) J1 642+00					То		
Vehicles	Head Car Number Number of Cars Equipment N/A																
	FWSO Inspectors performed a remedial action verification and general observation Number of Defects											cts			8		
	of tac	of tack conditions between King Street (C13) and J1 642+00 on track 1.										Recomm	nended	Finding	;?		Yes
	 board is missing. TRST 1000, 3.1.2.5: At J1 568+90, Emergency Trip Station (ETS) light is out at box J-17, track 1. TRST 1000, 3.1.2.5: At J1 584+90, ETS light is out at box J-21, track 1. TRST 1000, 3.1.2.5: At J1 600+10, ETS light is out at box J-27, track 1. TRST 1000, 3.1.2.5: At J1 607+50, ETS light is out at box J-27, track 1. TRST 1000, 3.1.2.5: At J1 614+90, ETS light is out at box J-29, track 1. TRST 1000, 3.1.2.5: At J1 614+90, ETS light is out at box J-31, track 1. A remedial action for this defect was addressed in WMATA's approach to Remedial Action 1596. TRST 1000, 3.1.2.5: At J1 630+03, ETS light is out at box J-33, track 1. A remedial action for this defect was addressed in WMATA's approach to Remedial Action 1594. Other notable observations: From CM J 568+90 to CM J 642+00: The ETS lights were not working on tracks 1 and 2. The ETS lights were already noted as remedial actions from J1 642+00 to Van Dorn Station on inspection report: 20170906-WMATA-AG-1. The following remedial actions were verified as complete: Remedial Action 1288: At J1 592+00, the heat shrink on conduit-stub up 											Yes					
Remedial Action	To ac	 was installed. To achieve compliance with WMATA's requirements: WMATA must install an end cover board on the third rail at CM J1 566+00, track 1. WMATA must repair the light at CM J1 568+90, box J-17, track 1. WMATA must repair the light at CM J1 584+90, box J-21, track 1. 															



	 WMATA must repair the light at CM J1 600+10, box J-25, track 1. WMATA must repair the light at CM J1 607+50, box J-27, track 1. WMATA must repair the light at CM J1 614+90, box J-29, track 1. 	
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United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170022 \A/A	10T0 0	C 1				
inspection Date	2017	09	22	Report Number	20170922-001	0170922-WMATA-AG-1 RPM Sub- Department Office Phone Mobile Phone					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep					
		Name		Email	Office Phone Mobile Ph			1obile Phone			
Rail Agency Department Contact Information											
Inspection Location	McPherson Square (C02) – C2 015+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	Inspe	ction Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TP		JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA RW	ΊC			Accoi Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	0100 to 0500		Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS /	Findings							
	Ref				Rule or S	OP		Standard		Other / 1	ītle		Checklist Reference		
Related Rules, SOPs,	RWP	M													
Standards, or Other															
	Ma Tra		Yard	Stat	tion OCC		RTA Facility	FTA Office		At-grad	e Tur	nnel	Ele	evated	N/A
Inspection Location	х								Track Type			х			
	<u></u>		Track				Chain Ma	rker		From				То	
Line(s)	C-Lin	e	Numbe	er	N/A		and/or St	ation(s)	N/A			N/A			
	Hea	ad Car N	Number		Number o	of Cars									
Vehicles		N/A	N N		N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:03:54 -04'00'	
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



	FWSO personnel 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 were reviewed. The	Recommended Finding?	No
Description	WMATA RWIC covered the nearest hospital and safety rule of the day. The hot	Remedial Action Required?	No
Description	spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion.	Recommended Reinspection?	No
	The FWSO Inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	Cable R	Replacer	nent Obser	vation		Activity Co	ode	TF	C	RM	OBS	
Job Briefing Employee Name/Title	WMA ⁻	TA RV	WIC				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0100		Outside Shift	Yes	
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A							
	Ref				Rule or S	SOP	OP Standard			Other / Title Che				hecklist 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) DD-TP-SSI-013															
			013													
nspection Location	Mair Tracl		Yard	Stati	on (000	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	evated	N/A	
	x								The type		x					
Line(s)	C-Line		Track Numbe	er	Track 2	2	Chain Marker and/or Station		C2 015+00	From			To 015+00			
	Head	d Car	Number	1	Number	of Cars										
Vehicles		N/.	'A		N/A	4	Equip	ment	N/A							
	The F\	NSO I	Inspector of	bserv	ed WMA	TA's Po	wer Depart	ment and el	ectrical	Number	of Defec	ts			0	
	contra	octors	s performir	ng the	task of re	eplacing	four trans	ition cables.		Recomm	ended Fi	nding?			No	
	In WM	1ΑΤΑ'	's shop bef	ore th	e night o	f work,	four 30-foc	ot length por	tions of 1000	Remedia	Action	Require	d?		No	
Description	kcmil were cut and pre-meggered for the transition cables to be installed. During the inspection, FWSO observed the contractor installing transition cables per the Engineering Modification Instruction (EMI) for jumper, expansion, and transition power cables replacement system wide and Traction Power Design Drawing, DD-TP-SSI-013. The FWSO Inspector and WMATA personnel did not note any defects.									ended R	Reinspection?			No		
Domodial Action		w30	inspector	and W	IVIA I A P	ersonne	ei ala not n	ole any defe	cus.							
Remedial Action	N/A															



Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number			C 1			
inspection Date	2017	09	23	Report Number	20170923-WMATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	TPRO			
	1	Name		Email	Office Phone	е	N	1obile Phone		
	Andrew Off									
Rail Agency Department	Mik	_								
Contact Information										
Inspection Location	Rosslyn Station (C05) Shutdown Area									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brief	ng			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6014				Accon Inspec	panied tor?	No	Out Brief Conducted	No	Time	070 120		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	OP Standard			Other / T	Title		Che	ecklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPN	Л													
Standards, or other															
	Maiı Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office		At-grad	e Tur	nnel	El	evated	N/A
Inspection Location	x			х					Track Type	x		х			
	6	J IZ	Tuesda				Chain Man			From	То				
Line(s)	C- and Lines	J K-	Track Numbe	er	Track 2		Chain Marker and/or Station(s)		C2 68+75 C2 184+70 K2 218+80						
Malatala a	Hea	d Car N	umber	Ν	lumber c	of Cars			N/A						
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVAND DN: c=US, o=U.S. Government, ou=FRA FRAFt cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:04:31 -04'00'	0 Date WorthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard		



	-		•	•				briefing table.	Number	of Defect	s			0	
		efing was tho ion Manual (way Worker's	Recomm	ended Fi	nding?			No	
		protection, i		· ·				,	Remedial Action Required?					No	
Description	location	eptions were	tage n	iumber, a	nd safet	y rule of th	e day.	,	Recommended Reinspection?					No	
Remedial Action	N/A														
Inspection Activity #	2 I	nspection Su		ay Worl	Activity Co	ode	TR	ĸ	RWP	PI					
Job Briefing Employee Name/Title	TRST 6014 Accompanied Inspector? No							Out Brief Conducted	No	Time	07(12(Outside Shift	No	
Related Reports	N/A				Relat				1						
Related Rules, SOPs, Standards, or Other	Ref Rule or S					OP Standard			Other / T	ïtle		Chec	klist Refere	ence	
	RWPM														
Standards, or other	MSRPH														
	Main Track	Yard	Sta	tion	осс	RTA Facility	FTA Office	Tuesda Taura	At-grade Tu		unnel E		vated	N/A	
Inspection Location	х							Track Type	x x						
	C	/ Tool				0			From				То		
Line(s)	C- and H Lines	K- Track Num		Track	2	Chain Ma and/or St		C2 68+75				34+70 18+80			
	Head	Car Number		Number	of Cars						1				
Vehicles		N/A		N/	A	Equip	ment	N/A							
		SO Inspector			0	•		Number	of Defect	s			0		
		verify the Ro e TRST Mobil		,		· · ·	, ,	in accordance	Recommended Finding?					No	
		on track 2 of			•	0	0		Remedial Action Required?					No	
	Arlingto	Arlington Cemetery (C06) and Clarendon (K02). All safety equipment was in pl and operational at both ends of work area. The Red Tag Numbers were													

	The FWSO Inspector did not note any defects.
Remedial Action	N/A

Description

2017266A, 2017502A and 217504A.

in a safe and methodical manner.

At the working limits located at C2 68+75, a malfunctioning E-flare and

escort. No issues were noted at the working limits at K2 218+80.

overturned cone and flag were observed. Both conditions were corrected by a WMATA escort. At the working limits located at C2 184+70, the cone and flag again were knocked over. This condition was once again corrected by a WMATA

An FWSO Inspector reviewed the work plan and work in progress. All personal protective equipment (PPE) was worn and work in general was being performed

Inspection Activity #	3 I	nspection Sub	ject	Work Zo	one Ob	servation			Activity Co	de	TR	K WI	OBS
Job Briefing Employee Name/Title	TRST 6014					mpanied ector?	No	Out Brief Conducted	No	Time	070 120		e No
Related Reports	N/A					ted CAPS / F	indings	N/A					
	Ref			Rule or S	OP		Standard		Other / T	itle		Checklist Re	erence
Related Rules, SOPs, Standards, or Other	TRST 10	000											
Standards, or Other													
Inspection Location	Main Track Yard Station		on C	DCC	RTA Facility	FTA Office	Track Type	At-grade	e Tur	nnel	Elevated	N/A	

No

Recommended Reinspection?



	x									>	x				
Line(s)	C-Line	Track	or	Track 2		Chain Marker				From				То	
		Numbe	er		and/or Station(s)		C2 148+00			C2 14	44+40				
	Head Car	Number	Nu	umber of Cars											
Vehicles	N,	/A		N/A	Ec	quipr	ment	N/A							
	The work area included replacement and repair of rail, fasteners, special trac								Humber of Bereets					0	
		it pads, and 22 148+00 t		air of a frog p 4+40	oint at s	witc	h #3. The ac	Recommended Finding?					Yes		
Description	was non v	2 140100 (.0 C2 14	4140.					Remedial A	ction R	equire	ed?		Yes	
Description	The frog initially scheduled for welding repair was found to be unrepairable; a new frog was being sent from the yard for replacement. (See Figure 1 below.) Recommended Reinspection? Yes								Yes						
	The FWSO Inspector did not note any defects.														
Remedial Action	N/A														

Photos:



Figure 1: Cracked frog point at switch #3.



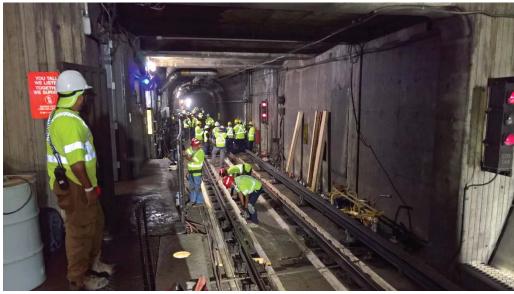


Figure 2: WMATA work crew constructing forms for new grout pads.



Figure 3: Switch components removed from switch #3.





Figure 4: WMATA personnel demolishing grout pads.



United States Department of Transportation Federal Transit Administration

Agency/Department Information	
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Inspection Date	YYYY	MM	DD	Report Number	20170022 \//					
inspection bate	2017	09	23	Report Number	20170923-WMATA-AG-2					
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	TRPM	Sub- Department				
		Name		Email	Office Phone	2	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	Metro Cente	r (CO1) – Track	1 and Track 2							

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subj	ect		Metr	o Center (CC	01) – Safety B	Brie	fing	Activity Code		TI	P	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA RWI	С				mpanied ector?	Yes		Out Brief Conducted	Yes	Time	020 060	-	Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS / F	indings	Ν	I/A	/A					
	Ref					Rule	or SOP	Standard			Other / T	itle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	lated Rules, SOPs, andards, or Other															
Standards, or other																
Inspection Location	Mai Trac		Yard	Station	C	OCC	RTA Facility	FTA Office	т	rack Type	At-grade	e Tur	inel	Ele	evated	N/A
	Х											>	(
							Chain N	larker			From	То				
Line(s)	C-Lin	e	Track N	lumber		N/A		Station(s)		N/A				N/A		
	Head Car Number Numb	per o	of Cars													
Vehicles		N/A	A N/A			Equipm		nent	Ν	1/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=US. Government, ou=FRA FRAFtWorth ANTHONY GIOVANDO Date: 2017.09.29 13:52:05 -04'00'	Date TX, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



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

Inspection Activity #	2	Inspe	ection Sub	ject	Metro Ce	ente	r (C01) - (Cable Replac	em	ient	Activity Co	de		TP	RM	OBS	
Job Briefing Employee Name/Title	WMA	TA RW	/IC		Accompa Inspector		d	Yes		Out Brief Conducted	Yes	Time		0200- 0600	Outside Shift	Yes	
Related Reports	N/A				Related 0	CAP	S / Findir	igs	Ν	I/A							
	Ref				Rule or S	OP		Standard			Other / T		Che	Checklist Reference			
Related Rules, SOPs, Standards, or Other	JUMP TRAN REPLA (REVI 2016) TRAC DRAV	INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE (REVISION 2, SEPTEMBER 16, 2016) TRACTION POWER DESIGN DRAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) Main Track X															
Inspection Location			Yard	Station	OCC	F	RTA Facility	FTA Office	т	rack Type	At-grade	Tunnel		el El	evated	N/A	
	Х											Х					
										From				То			
Line(s)	C-Line	9	Track I	Number	Tracks 1 and 2		Chain N and/or	larker Station(s)		C2 15+00 C1 5+00 C2 5+00	C1			C2 15+00 C1 5+00 C2 5+00	C1 5+00		
Vehicles	Hea	ad Car I N/A	Number A	Num	oer of Cars N/A		Equipr	nent	С)range boot	cable connec	tor asse	mbl	ly			
			-					nt and electr			Number	of Defec	ts			0	
			•	0	1 0		0	oot cable cor Jch that they			Recomme	ended Fi	indi	ng?		No	
					• •		•	ris surroundi		, .	Remedia	Action	Req	uired?		No	
Description	The F conne grour 013", jump Septe	ector a nd at C issued er, exp ember 1	nspector o ssembly at 1 5+00 and 1 August 2(ansion, an 16, 2016.	t C2 15+00 d C2 5+00 p D01, and the d transitior	and elevate er "Traction e "Engineer n power cab	e exp n Po ring oles	pansion c ower Desi Modifica replacem	new orange b ables from ly gn Drawing I tion Instruct nent system- e any defect	ving DD- ion wic	g on the -TP-SSI- (EMI) for	Pr Recommended Reinspection?					No	
Remedial Action	N/A																

Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170026 \//	10T0 0	C 1			
inspection Date	2017	09	26	Report Number	20170926-WMATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	TKIN		
	1	Name		Email	Office Phone	5	N	1obile Phone		
Rail Agency Department Contact Information		•								
Inspection Location	J Line, Track	1, Van Dorn Si	treet (J02) to Fra	anconia-Springfield (J03	3)					

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	4				
Recommended Finding	No	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

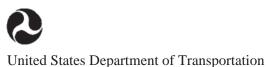
Inspection Activity #	1	Inspec	ction Subj	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6269					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS / F	indings	N/A						
	Ref				Rule or SOP Standard			Other / Title			Che	cklist Refer	ence		
Related Rules, SOPs, Standards, or Other	RWP	RWPM													
Standards, or other															
	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	T	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location	х			х					Track Type	x			x		
Line(s)	J-Line	0	Track		Track 1		Chain Mar	ker		From		То			
Line(s)	J-FILI6	e	Numbe	er	TIACK 1		and/or Sta	ation(s)	Van Dorn Stre	eet (JO2)		Franc	nconia-Springfield (JO3)		(JO3)
	Неа	d Car N	umber	١	Number c	of Cars									
Vehicles		N/A			N/A		Equip	nent	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 14:54:27 -04'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard, Ken Sgroi		



[TRST unit 6269 conducted a job safety briefing at the King Street Station platform.	Number of Defects	0
	Description	The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID,	Recommended Finding?	No
		personal protective equipment (PPE) verification, type of protection, hazards, and	Remedial Action Required?	No
	Description	hospital location.		
		The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
	Remedial Action	N/A		

Inspection Activity #	2 Ir	spection Sub	oject	Track	Inspecti	on and Rem	edial Action	Verification	Activity C	ode	TR	к	WI	PI	
Job Briefing Employee Name/Title	TRST 62	59				ompanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes	
Related Reports		18-WMATA-A .6-WMATA-A			Rela	ted CAPS /	Findings	Remedial Act	tion ID #: 14	19,1009 a	ind 152	3			
	Ref			Rule c	or SOP	SOP Standard			Other / Title Chec				cklist Reference		
Related Rules, SOPs, Standards, or Other	TRST-10	00 rev. 6													
Increastion Location	Main Track	Yard	Stat	tion	OCC	RTA Facility	lity Office		At-grad	e Tu	nnel	Ele	vated	N/A	
Inspection Location	х		>	ĸ				Track Type	x		х		х		
Line(s)	J-Line	Track		Trac	k 1	Chain Ma			From				То		
Line(3)	JEnic	Numb	er	mac	K I	and/or St	ation(s)	Van Dorn Stre	eet (J02)		Franc	conia-S	pringfield	(JO3)	
Vehicles	Head (Car Number N/A			er of Cars I/A	Equip	ment	N/A							
		FWSO Inspectors performed a remedial action verification and general inspection									ts			4	
	of track on track	of track conditions between Van Dorn Street (J02) and Franconia-Springfield (J03)								ended Fi	nding?			Yes	
	Untrack	1.							Remedia	Action	Require	ed?		Yes	
Description	•	missing. TRST 1000 missing. TRST 1000 light was o TRST 1000 wwing remed Remedial Remedial completed), 13,3), 13.3), 3.1.2 out at), 3.1.2 ial act Action d.	5.14: At 2.5: At . box J-7 2.5: At . :ions w n 1419: n 1009:	J1 731+0 J1 732+0 I1 769+70 9. I1 777+40 ere verifi At J1 680 At CM J1	0, the end t 0, the end t 0, the Emerg 0, the ETS lig ed as compl 0+00, the ET 694+00, (2)	hird rail cove hird rail cove gency Trip St th was out a ete: S light was r 5) all repairs	at box J-81. epaired. were		ended R	einspec	ction?		Yes	
Remedial Action	To achie	 achieve compliance with WMATA's requirements: WMATA must install an end cover board on the third rail at J1 731+00. WMATA must install an end cover board on the third rail at J1 732+00. WMATA must repair the light at J1 769+70, box J-79. 													



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170927-WMATA-AG-1						
inspection Date	2017	09	27	Report Number	20170927-001	VIATA-P	1-1				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department		TKIN			
	1	Name		Email	Office Phone	е	N	1obile Phone			
	Andrew Off										
Rail Agency Department		L									
Contact Information											
Inspection Location	Glenmont Ya	Glenmont Yard (B98), Track Geometry Vehicle (TGV) testing									

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-TGV-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	Inspect	tion Subj	ect	Job Saf	ety Brief	fing				Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	89				Accor Inspe	•		Yes	Out Brief Conducted	Yes	Time	0700 1500		Outside Shift	No
Related Reports	N/A	N/A				Relate	ed C	APS / F	indings	N/A						
	Ref				Rule or S	SOP			Standard		Other / T	ītle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	Μ														
standards) of other																
	Mai Trac	1	Yard	Stati	ion (CC		TA cility	FTA Office	T	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			х							Track Type	х					
11(.)	D.L.		Track		Yard T	racks	Cha	ain Mar	ker		From				То	
Line(s)	B-Lin	e	Numbe	r	1-12		and	l/or Sta	ation(s)	Glenmont Ya	rd (B98)		Glenr	nont	Yard (B98)	
	Неа	ad Car Nu	umber	1	Number	of Cars										
Vehicles		TGV-1			1		Equipment N/A									

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.09.29 13:54:42 -04'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Alexander Nepa		



	TRST unit 89 conducted a job safety briefing inside the Track Geometry Vehicle	Number of Defects	0
	(TGV)-1 prior to testing. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day,	Recommended Finding?	No
Description	hot spots, ID, personal protective equipment (PPE) verification, type of	Remedial Action Required?	No
Description	protection, hazards, and hospital location.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		L

Inspection Activity #	2	Insp	ection Sub	ject	Track	Observa	tion			Activity Co	ode	TRI	K	TGV	OBS
Job Briefing Employee Name/Title	TRST	89			1		mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0700 1500		Outside Shift	No
Related Reports	N/A					Rela	ted CAPS /	Findings	N/A	N/A					
	Ref				Rule or	le or SOP Standard				Other / 1	Title		Checklist Reference		
Related Rules, SOPs, Standards, or Other	TRST-	TRST-1000, rev. 6													
otandaras, or other															
In a section for a section	Mai Trac		Yard	Stati	ion	осс	RTA Facility	FTA Office	Treat Trues	At-grad	e Tu	nnel	Ele	vated	N/A
Inspection Location			х						Track Type	x					
1	D.L.	-	Track		Yard	Tracks	Chain M	arker		From	I			То	
Line(s)	B-Line	5	Numbe	er	1-12		and/or Station(s) Glenmont			rd (B98)		Glenn	nont Y	'ard (B98)	
Mahtala a	Неа	d Car	Number		Number	of Cars			TOVA						
Vehicles		TG∖	V-1		1		Equi	pment	TGV-1						
			•					performed ul		Number	of Defect	s			0
			, ,					 No black co try conditions 	nditions were	Recomm	ended Fi	nding?			No
			0	0	'		0	,		Remedia	Action I	Require	d?		No
Description		• Marginal deteriorating crosstie conditions were observed. Recommended Reinspection? No										No			
Remedial Action	N/A														



Agency/Department Information

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Increation Data	YYYY	MM	DD	Deve ent Neuroben	20170027 \			
Inspection Date	2017	09	27	Report Number	20170927-WN	/IATA-AG-Z		
Rail Agency Name	Washington Authority	Metropolitar	Area Transit	Rail Agency Department	TRPM	Sub- Department		
	I	Name		Email	Office Phone	e	Mobile Phone	
Rail Agency Department Contact Information								
Inspection Location	Friendship He	- eights (A08) -	- Alternating Curi	rent (AC) Switchboard (SWBD) Room			
Inspection Summary				. ,	,			
Inspection Summary Inspection Activity #	1		2	3	4	5	6	
Inspection Activity #	1 TP-JSB-	OBS	2 TP-RM-OBS			5	6	
Inspection Activity # Activity Code		OBS				5	6	
Inspection Activity # Activity Code Inspection Units	TP-JSB-	OBS	TP-RM-OBS			5	6	
Inspection Activity # Activity Code Inspection Units Inspection Subunits	TP-JSB-	OBS	TP-RM-OBS			5	6	
Inspection Activity # Activity Code Inspection Units Inspection Subunits Defects (Number)	TP-JSB- 1 1		TP-RM-OBS 1 1			5	6	
	TP-JSB- 1 1 0		TP-RM-OBS 1 1 1			5	6	

Activity Summaries

Inspection Activity #	1	Inspectio	n Subj	ect	Friendship Heights (A08) -			Safety Briefi	ng	Activity Code		TP	JSB	OBS	
Job Briefing Employee Name/Title	WMATA Power Personnel			Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	0100 - 0500	Outside Shift	Yes			
Related Reports	N/A				Related CAPS / Findings N/A										
	Ref	ef Rule or S				ОР		Standard		Other / T	itle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	RWP	М													
	Ma Tra	l Ya	rd	Stati	ion C	осс	RTA Facility	FTA Office		At-grade	e Tui	nnel	Elevated	N/A	
Inspection Location				х					Track Type					х	
Line(s)	A-Lin	e	rack Iumbe	er	N/A		Chain Ma and/or St		N/A	From	·	N/A	То		
	Hea	ad Car Num	ber		Number o	of Cars						•			
Vehicles		N/A			N/A	Equipment N/A			N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorthT ANTHONY GIOVANDO Date: 2017.09.29 13:58:15 -04'00'	Date X, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



	FWSO personnel 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 safety	Recommended Finding?	No
Description	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		

Inspection Activity #	2 1	nspection Sul	oject	Friends Mainte		(A08) – Corre	ective	Activity Co	de	т	Р	RM	OBS	
Job Briefing Employee Name/Title	WMAT	A Power Perso	onnel	Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	0100 0500		Outside Shift	Yes	
Related Reports	N/A			Related	CAPS / Fin	dings	N/A							
	Ref			Rule or	SOP	Standard		Other / T	itle		Check	dist Refe	t Reference	
Related Rules, SOPs, Standards, or Other	GE Bus-Tie-Bus breaker test procedures													
	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Turali Tura	At-grad	e Tu	nnel	Elev	vated	N/A	
Inspection Location			х				Track Type						х	
					Chain Ma	ulcou		From			То			
Line(s)	A-Line	Track	Number	N/A	and/or St		Friendship He SWBD Room	ights (A08) ·	- AC		dship H D Room	eights (A	08) – AC	
	Head	Car Number	Numb	er of Cars				. (05) . 0 .						
Vehicles		N/A		N/A	Equip	ment	General Electi	tric (GE) AC Switchgear						
		O Inspector o		•	•			Number	of Defect	s			1	
		hance on the itchgear #1.	bus tie-break	er on the (General Elec	tric (GE) alte	rnating current	Recomm	ended Fi	nding?			Yes	
	(AC) SW	ittiigeai #1.						Remedia	l Action F	Require	d?		Yes	
Description	using te main au close au generat able to transfer either u	est switches to itomatic trans itomatically w or did come of be manually of switch (ATS)	o simulate the offer scheme w when the utility online to feed closed. There for each of th post, backup p	e loss of or vas workin ty feed wa the emer is a separa ne two AC	ne utility fee g properly. s dropped o gency loads ate backup g switchgear	d to ensure t The bus tie-b out, but the b . The bus tie- generator and units (#1 and	reaker did not ackup breaker was	Recomm	ended Re	inspec	tion?		Yes	
	The FW not clos WMAT trouble	owing non-co SO Inspector a automatica A power perso shoot and rec a utility feed.	and WMATA Ily while testi onnel logged t	personnel ng the ma the issue a	did note th in-tie-main nd will crea	automatic tra te a work orc	ansfer scheme. Ier to							
Remedial Action	To achi	eve compliand	e with WMA	TA's requi	rements:									
Remedial Action	• W	MATA must f												



Agency/Department Information

Federal Transit Administration

Increation Date	YYYY	MM	DD	Report Number	20170927-WMATA-AG-3						
Inspection Date	2017	09	27	Report Number	20170927-001	VIATA-A	G-2				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	Sub-Department						
	1	Name		Email	Office Phon	е	Ν	Nobile Phone			
Deil Ageneu Department											
Rail Agency Department Contact Information											
		ĺ									
		-									
Inspection Location	D-Line, Track	ine, Track 2, Federal Triangle (D01) to Capitol South (D05)									

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	11				
Recommended Finding	No	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspec	ction Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS	
Job Briefing Employee Name/Title	TRST	6269					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes	
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A							
	Ref				Rule or S	OP	DP Standard				ïtle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWP	М														
Standards, or other																
luces stice location	Mai Trac		Yard	Stati	ion C	осс	RTA Facility	FTA Office	The she True s	At-grade	e Tui	nnel	Ele	evated	N/A	
Inspection Location	x			х					Track Type			х				
Ling(a)	D-Line	~	Track		Track 2		Chain Ma	rker		From				То		
Line(s)	D-LIN	e	Numbe	er	III dCK 2	-	and/or St	ation(s)	Federal Trian	gle (D01)		Capit	Capitol South (D05)			
	Неа	id Car N	lumber		Number o	of Cars										
Vehicles		N/A			N/A		Equipment		N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.10.04 13:56:12 -04'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard, Ken Sgroi		



									D01) Station	Number	of Defect	s			0	
								A's roadway	worker day, hot spots,	Recomm	ended Fi	nding?			No	
		•	, ,					,	tion, hazards,	Remedial Action Required?					No	
Description		•	location.	took	no excep	tions to	o the job sa	fety briefing	ξ.	Recomm	ended Ro	einspec	tion?		No	
Remedial Action	N/A															
Inspection Activity #	2 Inspection Subject Track Observation and Remedial Action Verification TRK									ĸ	WI	PI				
Job Briefing Employee Name/Title	TRST 6	5269					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes	
Related Reports	20170	118-W	MATA-AG	G-1		Relat	ed CAPS /	Findings	Remedial Act	ion ID #s: 1	119, 1111	L				
	Ref				Rule or	SOP		Standard		Other / T	itle		Check	dist Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST-1	1000, re	ev. 6										ID Nu	mbers		
Inspection Location	Mair Tracl		Yard	Stat	ion	220	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Elev	ated	N/A	
inspection Location	x			>	(Track Type			х				
	Dine		Track		Track	-	Chain Ma	rker		From				То		
Line(s)	D-Line	2	Numbe	er	Track	2	and/or St	ation(s)	Federal Trian	gle (D01)		Capit	ol Soutl	h (D05)		
	Head	d Car N	umber		Number	of Cars										
Vehicles		N/A			N//	4	Equip	ment	N/A							
	FWSO	Inspec	tors perf	orme	d a reme	dial actio	on verificat	ion and gene	eral inspection	Number	of Defect	s			11	
				track	2 of the	D-Line b	between Fe	deral Triang	le (D01) and	Recomm	ended Fi	nding?			Yes	
	Capito	Capitol South (D05).									Action I	Require	ed?		Yes	
	The fo	fa: re	steners i	, 7.7: n a ro was p	Between w were c out in pla	D2 90+0 bserved	60 and 90+ d (Black co i	70, eight dei ndition). A 1: Il Center SW	5-mph speed							
	The fo	llowing	g non-co	lor-co	ded defe	cts wer	e observed	l:								

- TRST 1000, 13.17.4.1: Between D2 36+00 and 40+00, a relay rail tripping hazard was noted.
- TRST 1000, 13.17.4.1: Between D2 41+42 and 42+00, a relay rail ٠ tripping hazard was noted. TRST 1000, 13.17.4.1: Between D2 43+06 and 43+60, a relay rail stored between the running rail and third rail was noted. (See Figure 1 Description below.) TRST 1000, 13,3.15: At D2 43+60, the end third rail cover board was • **Recommended Reinspection?** Yes missing. TRST 1000, 13.17.4.1: Between D2 43+60 and 53+00, a relay rail • tripping hazard was noted. TRST 1000, 13.3.15: At D2 44+00, the end third rail cover board was ٠ missing. TRST 1000, 13.3.15: At D2 67+00, the end third rail cover board was • missing. TRST 1000, 13.3.15: At D2 87+00, the end third rail cover board was . missing. TRST 1000, 13.17.4.1: Between D2 88+00 and 88+20, a relay rail • tripping hazard was noted.
 - **TRST 1000, 13.3.15:** At D2 106+00, the end third rail cover board was missing.



	Other Notable Observations:	
	 At D2 45+00, over 50% of the end approach ramp has been worn 	
	away. (See Figure 2 below.)	
	Deteriorating fastener conditions were noted between Federal Center	
	SW (D04) and Capitol South (D05).	
	The following remedial actions were verified as complete:	
	Remedial Action ID #1119: At D2 36+52, cables have been elevated.	
	• Remedial Action ID #1111: At D2 36+52, cables have been replaced.	
	To achieve compliance with WMATA's requirements:	
	• WMATA must replace defected fasteners between D2 90+60 and 90+70.	
	• WMATA must remove relay rail between D2 36+00 and 40+00.	
	 WMATA must remove relay rail between D2 41+42 and 42+00. 	
	• WMATA must remove relay rail between D2 43+06 and 43+60.	
Develoption Autom	• WMATA must install an end cover board on the third rail at D2 43+60.	
Remedial Action	• WMATA must remove relay rail between D2 43+60 and 53+00.	
	• WMATA must install an end cover board on the third rail at D2 44+00.	
	• WMATA must install an end cover board on the third rail at D2 67+00.	
	 WMATA must install an end cover board on the third rail at D2 87+00. 	
	WMATA must remove relay rail between D2 88+00 and 88+20.	
	 WMATA must install an end cover board on the third rail at D2 106+00. 	

Photos:



Figure 1: Relay rail stored between running rail and third rail between D2 43+06 and 43+60.





Figure 2: Wear on end approach at D2 45+00.



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170928-WM	10T0 0	C 1			
inspection Date	2017	09	28	Report Number	20170928-001	VIATA-A	G-1			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	TRST Sub- Department TKIN				
	1	Name		Email	Office Phone	е	Ν	Nobile Phone		
Rail Agency Department Contact Information										
Inspection Location	Brentwood Yard (B99), Track Geometry Vehicle (TGV) testing									

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-TGV-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 Brie	efing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	89					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0700 1500		Outside Shift	No
Related Reports	N/A					Rela	ted CAPS / F	indings	N/A						
	Ref				Rule or S	SOP Standard				Other / 1	ītle		Che	cklist Refei	ence
Related Rules, SOPs, Standards, or Other	RWPM														
Increation Location	Mai Trac		Yard Stat		tion OCC		RTA Facility	FTA Office	Treak Tures	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			х						Track Type	x					
					Yard T	racks				From				То	
Line(s)	B-Line Track Number		1-13, I and Sc ends					ard (B99) Bren			wood	l Yard (B99)		

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.09.29 14:04:41 -04'00'	
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Alexander Nepa		



Maltala	Head Car Number	Number of Cars	-	N/A						
Vehicles	TGV-1	1	Equipment	N/A						
		a job safety briefing ins			Number of Defects	0				
		g. The briefing was fully c P) requirements and incl		Recommended Finding?	No					
Description		nal protective equipmen		Remedial Action Required?	No					
Description	protection, hazards, an	d hospital location.								
	The FWSO Inspector d	id not note any defects.		Recommended Reinspection?	No					
Remedial Action	N/A	N/A								

Inspection Activity #	2	Inspe	ction Subje	ect	Track C	bservat	tion			Activity Co	ode	TR	K	TGV	OBS
Job Briefing Employee Name/Title	TRST	89				Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	0700 1500		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or	r SOP Standard				Other / 1	ītle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-1000 rev. 6											ID N	umbers		
	Mai Trac		Yard	Stati	ion	осс	RTA Facility	FTA Office	T 1 T	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			х						Track Type	X					
		1			Yard T	l Tracks				From				То	
Line(s)	B-Lin	e	Track Number		1-13, I and So ends		Chain N and/or	arker Station(s)	Brentwood Ya	Brentwood Yard (B99)			Brentwood Yard (B99)		
	Hea	d Car N	Number	I	Number	of Cars	_								
Vehicles		TGV-	-1		1		Equ	pment	TGV-1						
								performed u		Number	of Defec	ts			0
		,	, 0			0	,	nd south ends during this tes	, in Brentwood	Recomm	ended Fi	nding?			No
Description	Taru.		ick, 001-01-:		Le conun		ie noteu	uuring this te:	sung.	Remedia	Action	Require	ed?		No
The FWSO Inspector				d no	ot note any defects.					Recommended Reinspection?					No
Remedial Action	N/A														



United States Department of Transportation Federal Transit Administration

Agency/Department Inforr	nation							
Increation Data	YYYY	MM	DD	Report Number	20170928-WN	10T0 0	C 2	
Inspection Date	2017	09	28	Report Number	20170928-000	/IATA-A	G-2	
Rail Agency Name	Washington Metropolitan Area Transit Rail Agency TRPM Authority Department TRPM					Sub- Dep	СМ	
		Name		Email	Office Phone	e	N	Aobile Phone
Rail Agency Department Contact Information								
Inspection Location	Woodley Par	k (A04) – Alter	nating Current(AC) Switchboard (SWBD) Rooms #1 and #2			

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspe	ction Subj	ect	Woodley Park (A04) – Safety		ty Briefing		Activity Co	de	ТР	JSB	OBS		
Job Briefing Employee Name/Title	WMA	WMATA Power Personnel			Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	0100 - 0500	Outside Shift	Yes		
Related Reports	N/A					Relat	ed CAPS / F	indings	ndings N/A						
	Ref				Rule or S	OP		Standard		Other / T	itle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	RWP	Μ													
									r				т.		
	Ma Tra		Yard	Stat	tion OCC		RTA Facility	FTA Office		At-grade	e Tur	nnel	Elevated	N/A	
Inspection Location				х	(Track Type					Х	
			Track				Chain Mar	ker		From			То		
Line(s)	A-Lin	е	Numbe	er	N/A		and/or Sta	ation(s)	N/A			N/A			
	Hea	ad Car N	lumber		Number o	er of Cars									
Vehicles		N/A	N N		N/A		Equipr	nent	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.29 14:09:56 -04'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



	FWSO personnel 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 safety	Recommended Finding?	No
Description	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		

Inspection Activity #	2	Inspe	ection Subj	ect	Woodle Mainter	, , ,	– Corrective	2	Activity Co	de	TP	F	RM	OBS
Job Briefing Employee Name/Title	WMA	TA Po	wer Person	inel	Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	0100 - 0500	- (Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref				Rule or	SOP	Standard		Other / T	itle		Checkl	list Refer	ence
Related Rules, SOPs, Standards, or Other	Switcl		ctric (GE) A troublesho											
Inspection Location	Mai Trac		Yard	Station	осс	RTA Facility	FTA Office	Track Type	At-grade	At-grade Tunnel			ated	N/A
inspection Location				х		Thack Type							х	
						Chain Mar	kor		From		То			
Line(s)	A-Line	9	Track N	lumber	N/A	and/or Sta		Woodley Park Rooms #1 and	. ,		dley Park (A04) – AC SWBD ns #1 and #2			
	Hea	d Car	Number	Numbe	er of Cars				1					
Vehicles		N//	A	1	N/A	Equip	nent	General Elect	ric (GE) AC S	witchgea	r			
					0			h WMATA's	Number	of Defect	s			0
				0			0	mable Logic	Recomm	ended Fi	nding?			No
Description			· /			· · ·		. The PLCs and	Remedia	l Action F	Required	?		No
				e troublesho			g order. t e any defec	te	Recommended Reinspection? N					No
Remedial Action	N/A	11301	inspector a		personne		c any delet							



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170028 \	1 Λ ΤΛ Λ	6.2			
inspection Date	2017	09	28	Report Number	20170928-WMATA-AG-3					
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRST Sub- Department			TKIN		
	1	Name		Email	Office Phon	е	N	1obile Phone		
Rail Agency Department		1								
Contact Information										
Inspection Location	D-Line, Track	D-Line, Track 2, Capitol South (D05) to Eastern Market (D06)								

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	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspec	ction Sub	ject	Job Safe	ety Brie	fing				Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6269			Accompanie Inspector?			ł	Yes	Out Brief Conducted	Yes	Yes Time			Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS	S / Fi	ndings	N/A						
	Ref				Rule or S	OP			Standard		Other / 1	Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	M														
Standards, or other																
	Mai Trac		Yard	Stati	on (occ	RTA Facilit		FTA Office	Treads Tores	At-grad	e Tui	nnel í		evated	N/A
Inspection Location	х									Track Type			х			
Line(c)	D-Lin	0	Track		Track 2	,	Chain	Mark	er		From				То	
Line(s)	D-LIN	e	Numbe	er	IIdCK 2	and/or St			tion(s)	Capitol South	(D05)		Easte	rn Ma	arket (D06)	
	Неа	d Car N	umber	٩	Number o	of Cars										
Vehicles		N/A			N/A		Eq	uipment N/A								

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 13:07:57 -04'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard, Ken Sgroi, Adam Giovando		



	TRST unit 6269 conducted a job safety briefing at Federal Triangle Station	Number of Defects	0
	platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots,	Recommended Finding?	No
Description	ID, personal protective equipment (PPE) verification, type of protection, hazards,	Remedial Action Required?	No
Description	and hospital location.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2 In	spection Sub	ject	Track O	bserva	tion			Activity Co	ode	TR	K	WI	PI
Job Briefing Employee Name/Title	TRST 626	59				ompanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes
Related Reports	N/A				Rela	ted CAPS /	Findings	N/A						
	Ref		l	Rule or S	OP		Standard		Other / 1	ītle		Checl	klist Refei	ence
Related Rules, SOPs, Standards, or Other	TRST-100	00, rev. 6												
	Main Track	Yard	Statio	on C	DCC	RTA Facility	FTA Office	Treads Treas	At-grad	e Tu	nnel	Elev	vated	N/A
Inspection Location	x							Track Type			Х			
Line(s)	D-Line	Track		Track 2)	Chain Ma			From				То	
Line(3)	D-Line	Numb	er	THACK 2	-	and/or St	ation(s)	Capitol South	(D05)		Easte	ern Mar	ket (D06)	
Vehicles		ar Number N/A	N	lumber o N/A		Equip	ment	N/A						
	FWSO In:	spectors perf	ormed	a genera	al obse	rvation of t	rack conditio	ons on track 2	Number	of Defect	s			6
	of the D-	Line betwee	n Capito	ol South	(D05) a	and Eastern	Market (D0	6).	Recomm	ended Fi	nding?			Yes
	The following non-color coded defects were observed:							Remedia	Action F	Require	ed?		Yes	
Description	• • • • • • •	tripping ha TRST 1000 tripping ha TRST 1000 tripping ha TRST 1000 the statior TRST 1000 the statior TRST 1000 muddy cor Dable Obser	Azard w , 13.17 Azard w 13.17. Azard w , 5.14.1 area. , 5.14.1 area. , 3.2.2. nditions vations	as noted .4.1: Bet as noted 4.1: Betwas noted 14: At D2 14: At D2 1: Betwe 5 were noted	I. ween I I. 2 135+6 2 135+9 een D2 oted ur	D2 127+30 a 02 129+00 a 50, incorrect 00, incorrect 114+00 and nder the thi	t joint bars w d 135+00, dii	a relay rail a relay rail vere noted in vere noted in rty, wet, and	Recommended Reinspection? Yes					
Remedial Action	To achiev	ve complianc WMATA m WMATA m WMATA m WMATA m WMATA m	e with nust ren nust ren nust ren nust ins	WMATA [/] nove the nove the nove rela tall the c	's requ e relay e relay ay rail l correct	rail between rail between between D2 joint bars a joint bars a	n D2 124+00 n D2 127+30 2 129+00 and t D2 135+60 t D2 135+60		he third rail	between	D2 114	+00 an	d 135+00	



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170929-WMATA-AG-1				
inspection Date	2017	09	29	Report Number					
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	TRPM Sub- Departm		ment		
		Name		Email	Office Phone	e	N	Iobile Phone	
Rail Agency Department Contact Information									
Inspection Location	Metro Cente	r (C01) – Tract	ion Power Subs	tation (TPSS) and D2 004	1+50				
Inspection Summary									

Inspection Activity # 3 4 6 1 2 5 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 Required¹** No No **Recommended Reinspection** No No

Activity Summaries

Inspection Activity #	1	Inspe	ction Sub	ject	Job Safety Briefing				Activity Co	de	TP	,	JSB	OBS		
Job Briefing Employee Name/Title	WMA	ATA RW	IC				ompanied pector?	Yes	Out Brief Conducted	Yes	Time	0100 050		Outside Shift	Yes	
Related Reports	N/A					Rela	ated CAPS /	Findings								
	Ref				Rule or	SOP		Standard		Other / T	Other / Title			Checklist Referen		
Related Rules, SOPs, Standards, or Other	RWP	M														
Standards, or Other																
Inspection Location	Ma Tra		Yard	Stat	ion	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tur	nnel	Eleva	ated	N/A	
	Х								index type		3	<				
			Track				Chain Mar	ker and/or		From				То		
Line(s)	C-Lin	e	Numbe	er	N/A		Station(s)	ker and/or	N/A			N/A	A			
	Hea	ad Car N	lumber		Number	ber of Cars						÷				
Vehicles		N/A			N/	A	Equipn	nent	N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWortl cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 13:06:48 -04'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



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

Inspection Activity #	2 Ir	spection	on Subj	ect N	Aetro Ce	enter (O	CO1) - Cable	e Replacem	ent	Act	ivity Co	de		ТР	RM	OB	
Job Briefing Employee Name/Title	WMATA	RWIC				Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	١	Yes	Time		00 to 500	Outside Shift	Ye	
Related Reports	N/A					Relate	ed CAPS / F	indings	N/A								
	Ref			Ru	le or SC)P		Standard		Othe	Other / Title				Checklist Reference		
Related Rules, SOPs, Standards, or Other	ENGINE MODIFIC INSTRUC FOR JUN EXPANS TRANSIT CABLES SYSTEM 2, SEPTE	CATION CTIONS IPER, ION, AN TION PC REPLAC WIDE ((EMI) ND DWER CEMENT (REVISIC	N													
Inspection Location	Main Track	Ya	ard	Station	0	сс	RTA Facility	FTA Office	Track Type	A	At-grade Tunnel		Elevated		N/A		
	Х												Х				
Line(s)	C-Line		Track		Track 2		Chain Ma	ker		From	rom				То		
Line(3)	CEIIIC		Numbe	r	TTUCK 2		and/or Sta	ation(s)	Metro Cente	r (C01)	C01) TPSS D2 004+5						
Vehicles	Head (Car Nur N/A	nber	Nu	imber of N/A	f Cars	Equip	ment	Negative Ret	urn Cab	bles (100	00 kcm	il, 2 kV)				
	An FWS	O Inspe	ector obs	served V	VMATA	power	personnel	and electric	al contractors	N	umber o	of Defe	cts			0	
					0		cables with			Re	ecomme	ended I	inding	?		No	
	(TPSS) to						om the Trac	tion Power	Substation	Re	emedial	Action	Requir	ed?		No	
Description	1000 kcr lug was meggere (i.e., cab (2kV, 10 on the w fully rou was crim	mil) from crimped d, ther les are 00 kcm vayside ted thr nped or	m the T d on the n was pa neatly a nil) was p end of rough th n the TP	PSS to the waysid artially r arranged previous this cable SS side d	ne waysi e end of outed th d using c ily pullec le and th tray in th of the ca	ide imp f the ne hrough cable ti d the n he cabl he TPS able. Fin	bedance bo ew cable. The the cable t es). Anothe ight before e was megg S and dress nally, the ca	nd at D2 00 ne new cab ray in the T r new nega . A terminal gered. Next, ed and ano able was ter	rn cable (2 kV, 4+50. A termin le was PSS and dressed tive return cabl lug was crimpe , the cable was ther terminal lu minated on the apedance bond.	d e ed Re	ecomme	ended I	Reinspe	ction?		No	
	The FWS	SO Insp	ector a	nd WMA	ATA pers	sonnel	did not not	te any defe	cts.								



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170929-WN	ΛΔΤΔ-Δ	G-2			
inspection bute	2017	09	29	Report Humber	20170525 001	170525 WWATA AG 2				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep				
	1	Name		Email	Office Phone	1obile Phone				
Dell Assess Descriptions										
Rail Agency Department Contact Information										
Inspection Location	Branch Avenue Rail Yard (F99)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TF	C	JSB	OBS
Job Briefing Employee Name/Title	WMA	ATA RWI	С				mpanied ector?	Yes	Out Brief Conducted	Yes Time		1000- 1400		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings							
	Ref Rule o					OP		Standard		Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	М													
Standards, or Other	MSRF	РΗ													
	Mai Trac		Yard	Stati	on C	DCC	RTA Facility	FTA Office	Tue els Ture e	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			х						Track Type	x					
Line(a)	E Lin		Track		NI/A		Chain M	arker		From				То	
Line(s)	F-Line	e	Numbe	er	N/A		and/or S	tation(s)	N/A			N/A			
	Hea	ad Car N	umber	١	Number o	of Cars									
Vehicles		N/A			N/A		Equi	oment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 13:05:32 -04'00'	
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



	FWSO personnel 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 as well as the working limits reviewed. The	Recommended Finding?	No
Description	WMATA RWIC covered the nearest hospital and safety rule of the day. The	Remedial Action Required?	No
	hazards, clearance areas, and communication 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	Inspec	ction Sub	ject	Walking	g Observ	ation (Cab	le Inspection	n)	Activity C	ode	TI	Р	WI	OBS
Job Briefing Employee Name/Title	WMA.	TA RWI	IC			Accon Inspec	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	SOP		Standard	Other / 1	Гitle		Chec	klist Refe	rence	
	DESIG TP-SSI		WING (DE REVISION												
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 Station		on (DCC	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	vated	N/A	
			х							х					
Line(s)	F-Line		Track Numbe		N/A		Chain Ma and/or St			From	rom To Yard (F99) Branch Avenue Yard (F99)				
	lloo	d Cor N	lumber		Number o			ation(3)	Branch Aven	ue varo (F95)	Brand	ch Aver	iue varo	(F99)
Vehicles	Tieat	N/A			N/A		Equip	ment	N/A						
	FWSO	inspec	ctors obse	erved \	VMATA 6	employe	es perforn	n a cable ins	pection at the	Number	of Defec	ts			3
	Branc	h Aven	ue Yard (I	F99).						Recomm	nended Fi	nding?			Yes
	The fo	llowin	g non-col	lor-co	ded defe	cts was o	observed:			Remedia	Action	Require	ed?		Yes
Description		The following non-color-coded defects was observed: Remedial Action Required? Yes • TRST 1000 Manual, 13.3.14: Third rail cover board missing at Yard Lead (YL) 2 013+00 • DD-TP-SSI-013: Yard Contact Rail (YCR) 9 – Sealing collar missing from orange boot power assembly. • DD-TP-SSI-013: Y1 1 005+00 – Power conduit stub-up missing OZ Gedney bushing that houses Liquidtite conduit containing third rail heater tape. Recommended Reinspection? Yes											Yes		
		• Ca	le Observ ables lyin ables lyin	g on tl	ne groun			00.							
Remedial Action		 Cables lying on the ground at YL 1 CM 005+00. To achieve compliance with WMATA's requirements: WMATA must replace third rail cover board at YL 2 013+00. WMATA must install sealing collar in orange boot power assembly at YCR 9. WMATA must install OZ Gedney bushing in power conduit stub-up at YL 1 005+00. 													



Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170930-WM						
Inspection Date	2017	09	30	Report Number	20170950-001	MATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	TPRO					
	I	Name		Email	Office Phone	e	Mobile Phone				
Rail Agency Department											
Contact Information											
Inspection Location	C-Line, Track	C-Line, Track 2, Foggy Bottom (C04) to Rosslyn (C05)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 Inspection Subject			ject	Job Safety Briefing					Activity Code		TRK		JSB	OBS
Job Briefing Employee Name/Title	TRST 6198				Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	0700 1500		Outside Shift	Yes	
Related Reports	N/A				Related CAPS / Findings N/A										
	Ref				Rule or SOP			Standard		Other / T	Other / Title		Checklist Reference		ence
Related Rules, SOPs, Standards, or Other	Standards, or Other														
Standards, or other	,														
Inspection Location	Mai Trac		Yard Stat		tion OCC		RTA Facility	FTA Office	Tuesda Taura	At-grad	e Tunnel		Elevated		N/A
	х			х					Track Type	x		х			
Lino(c)	Clin	C-Line Track			Track 1		Chain Marker		From			То			
Line(s)	C-LIN	e	Numbe	er	I I I CK I		and/or St	ation(s)	Foggy Bottom	(CO4) Rossly		yn (C05)			
	Head Car Number		1	Number of Cars											
Vehicles		N/A			N/A		Equipment		N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 12:57:51-04'00'	Date rthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Alexander Nepa		



	TRST unit 6198 conducted a job safety briefing at the Rosslyn Station briefing	Number of Defects	0
	table. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID and	Recommended Finding?	No
Description	personal protective equipment (PPE) verification, type of protection, hazards, and	Remedial Action Required?	No
	hospital location.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Job Briefing Employee Name/Title Related Reports Related Rules, SOPs, Standards, or Other	RWPM Main Track X	000 rev. 6	Stati	Rule o	Insp Rela	ompanied ector? ted CAPS /	Yes Findings Standard	Out Brief Conducted N/A	Yes	Time	0700 1500)	Outside Shift	Yes	
Related Rules, SOPs, Standards, or Other	Ref TRST-1 RWPM Main Track X	Yard	Stati			ted CAPS /		N/A							
Standards, or Other	TRST-1 RWPM Main Track X	Yard	Stati		r SOP		Standard	1							
Standards, or Other	RWPM Main Track X	Yard	Stati					Standard		Other / Title			Checklist Reference		
Inspection Location	Main Track X	Yard	Stati												
-	Track X	Yard	Stati												
-				ion	OCC	RTA Facility	FTA Office		At-grad	e Tui	nnel	Elev	evated	N/A	
								Track Type	x		х				
Line(s)	C-Line Track Number			Track 1		Chain Marker			From			То			
Line(s)			er			and/or St	ation(s)	Foggy Bottom	Ross			slyn (C05)			
Vehicles	Head	Car Number	1	Number of Cars			pment N/A								
Venicies	N/A N/A					Lquip	ment	190							
	An FWSO Inspector performed an inspection of work zone setup, general condition of single tracking, and track 1 repairs between Foggy Bottom (CO4) and									Number of Defects				1	
					Recommended Finding?					Yes					
	Rosslyn (C05) stations. All work zone protections were installed at the appropriate locations.									Remedial Action Required?				Yes	
Description Remedial Action	were d WMAT for pou TRST 10 All emp	time of the obs ismantling the A crews were a rring new grou 000 standards ployees that we ed personal pro	n point, ckhamr . All wo served,	stock ra nering th rk appea appeare	Recommended Reinspection?			Yes							
	The following non-color-coded defect was observed: • • WMATA roadway worker protection manual (RWPM), page 82: Derailer was installed backwards at C1 185+00. This condition was corrected by the RWIC. (See Figure 1, below.)														



Photos:

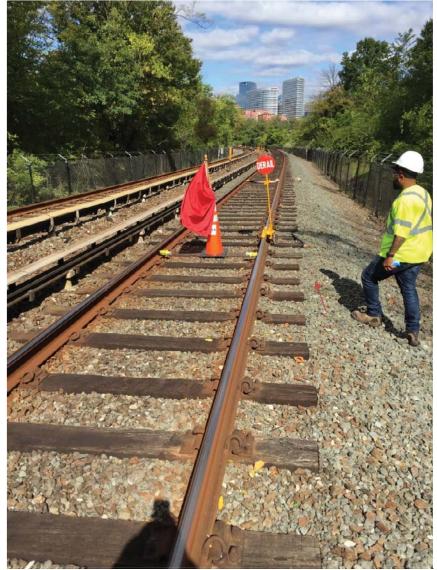


Figure 1: Derail installed improperly at C1 185+00.