

Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170402 \\	// ATA \/	VD 1		
inspection bate	2017 04 03	Report Number	20170403-WMATA-WP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	RTRA	Sub- Dep	partment	N/A	
		Name		Email	Office Phone Mobile			Mobile Phone	
Rail Agency Department		_							
Contact Information									
Inspection Location	Green Line,	Yellow Line							

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-RI-OBS	RTRA-GEN-OBS	RTRA-RI-OBS			
Inspection Units	1	1	1			
Inspection Subunits	N/A	N/A	N/A			
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	Inspection Sub	oject	Rail Con	npliance	e Inspectio	n		Activity Co	de	RTF	RA	RI	OBS
Job Briefing Employee Name/Title	N/A				Accor Inspe	mpanied ector?	N/A	Out Brief Conducted	No	Time	1000 1200		Outside Shift	No
Related Reports	N/A				Related CAPS / Findings N/A					I/A				
	Ref			Rule or S	ОР		Other / Title			Che	cklist Refe	ence		
Related Rules, SOPs, Standards, or Other	and P Handl Perma	MSRPH 1.46-1.1 1.69-1.4 1.69-1.4 MSRPH 3.87 Handbook Permanent Order No. T- 16-07 3.121,3 3.141				ng Rules								
Inspection Location	Mai Trac	Yard	Stati	ion C	СС	RTA Facility	FTA Office	Track Type	At-grade	e Tur	nnel	Ele	evated	N/A

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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=US. Government, ou=DOT Headquarters, Date: 2017.04.07 15:06:18-04'00'	Date ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Chris Difatta		



	х		х								х			
Line(s)	Yellow	Track Numbe	er N	/A	Chain Ma			rom lock Road			To ton Station			
	Head Ca	ır Number	Num	ber of Cars										
Vehicles		236 281		8	Equip	ment	N/A							
) Inspector c		•		Number of D		0						
	through S	through SafeTrack Surge 13 between Braddock Road and Huntington Station. Recommended Finding? No												
	The FWSC	The FWSO Inspector did not observe any defects during observations. Remedial Action Required? No												
Description	Other Not	Train Hand O O Train Horn O	ator Adhe Train ope Rules 1.46 ling: Operated platform. Head out Applicatic stops, and Communi Train ope	to 8-car state of the windown of good transcript and cations:	n complia ISRPH Safe ion berthi ow when s ain handlind d even acc ed with M icle shall s	nce with MSF ety Rule 4.227 ang marker at toppping an 8- ng with smoo eleration and SRPH Operati ound their ho	the end of the car consist. th station deceleration.	Recommende	ed Reinspect	tion?	No			
Remedial Action	N/A													

Inspection Activity #	2	Insp	ection Subj	ect	Rail Cor	mplianc	e Inspecti	on		Activity Co	de	RTR	RA	GEN	OBS
Job Briefing Employee Name/Title	N/A					Accor	mpanied ector?	N/A	Out Brief Conducted	No	Time	1200- 1400	_	utside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A						·			
	Ref				Rule or SOP Standard					Other / T		Checklist Reference			
Related Rules, SOPs, Standards, or Other	MetroRail Safety Rules and Procedures Handbook Permanent Order No. T-16-07 MSRPH 0 3.87 3.119, 3 3.121,3 3.141 SOP# 12 50			2 4 Operation .120, 121.1, 3	ng Rules 3.79.1,										
	Mai Trad		Yard	Stati	ion (осс	RTA Facility	FTA Office		At-grade	e Tu	nnel	Eleva	ted	N/A
Inspection Location				Х					Track Type						Х
Line(s)	Gree	n	Track Numbe	r	N/A		Chain M	arker tation(s)	l'Er	From nfant Plaza			To N/A		
	Hea	nd Car	Number	1	Number of Cars				LEI	II GIIL FIAZA				IV/ PA	
Vehicles	1100	N/			N/A		Equi	pment	N/A						
Description			Inspector co					at L'Enfant Pl dav.	aza during	Number					0
•	iica v	, maci	op ddc to	. • 431			o opening	~~1.		Recomm	ended Fi	nding?			No

Form FTA-IR-1

Version date: 8/26/16 2



		Remedial Action Required?	No
	The FWSO Inspector did not observe any defects during observations. Other Notable Observations: WMATA personnel were stationed on the platform to assist passengers with boarding. Stations and Doors: Verified platform side of the train by sticking his/her head out of the cab window. Train operator looked at doors on platform side of train to verify any activity in front of the doors for 5 seconds before opening the doors. Train operator opened the doors on the correct platform side and made station announcements. Observed train loading with operator's head outside cab window to ensure that customers were not hit or trapped within the doors. Train operator closed the window and looked in the direction of travel before moving the train forward.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	3 In	spection Sub	ject	Rail Compliance Inspection Activity Code RTRA					Activity Co	ode	RTR	:A	RI	OBS
Job Briefing Employee Name/Title	N/A					mpanied ector?	N/A	Out Brief Conducted	No	Time	1400- 1430		Outside Shift	No
Related Reports	N/A				Relat	ted CAPS /	Findings	N/A				•		
	Ref			Rule or S	SOP Standard			Other / Title Ch				necklist Reference		
Related Rules, SOPs, Standards, or Other	MetroRail Safety Rules and Procedures Handbook 3.87 3.119, 3.121,3.3.141 SOP# 12		4 Operati .120, 121.1, 3	ing Rules 3.79.1,										
Inconcition I postion	Main Track	Yard	Stati	on (occ	RTA Facility	FTA Office	Tuesdy Tyres	At-grade	e Tu	nnel	Eleva	ated	N/A
Inspection Location	x							Track Type						Х
Line(s)	Green	Track		N/A		Chain Ma			From		То			
Line(3)	Green	Numb	er	14/7		and/or St	ation(s)	L'En	fant Plaza		Green	belt Sta	ition	
Mahialaa	Head C	ar Number	1	Number (of Cars	Fauria		N1 / A						
Vehicles		5003		6		Equip	ment	N/A						
						iance inspe	ction on one	train between	Number	of Defect	is			0
	L'Enfant	Plaza and Gr	eenbel	t Station	•				Recomm	ended Fi	nding?			No
	The FWS	O Inspector	did no	t observe	e any d	efects durir	ng observati	ons.	Remedia	l Action I	Require	d?		No
Description		otable Obser	vation: dling: Opera platfo Train	s: ated to 8- orm.	-car sta	any defects during observations. car station berthing marker at the end of the mad head out of the window when stopping			Recommended Reinspection?			tion?		No





	 Train operator applied good train handling with smooth station stops, and smooth and even acceleration and deceleration. 	
	 Train Horn Communications: Train operator complied with MSRPH Operating Rule 3.87.1 that states, "A rail vehicle shall sound their horns when entering and exiting tunnel portals." 	
	Train Operations through Work Zones/Passing Roadway Workers between Prince George's Plaza and College Park The train operator was in compliance with MSRPH Operating Rule 3.87 and Permanent Order No. T-16-07, Rev 1. The train operator acknowledged hand signals and responded with two short horn blasts.	
Remedial Action	N/A	



Inspection Form

FOIA Exemption: All (b)(6) Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170404-WMATA-WP-1						
inspection date	2017	04	04 Report Number 2017 0404		20170404-001	J170404-WWATA-WF-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	TRST Sub- Department Maintenance					
		Name		Email	Office Phone		Mobile Phone				
Rail Agency Department Contact Information											
Inspection Location	A–Line, track 2, between Metro Center (A01) and CM A2-221+00										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 In:	spection Sub	ject	Roadwa	ıy Work	er Protecti	on – Job Safe	ety Briefing	Activity Co	ode	TR	K.	RWP	OBS
Job Briefing Employee Name/Title	TRST UNI	T 89				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	220 060		Outside Shift	Yes
Related Reports				Related CAPS / Findings										
	Ref			Rule or S	SOP Standard				Other / T	itle		Checl	dist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPM													
lucus ation I a sation	Main Track	Yard	Stati	on C	СС	RTA Facility	FTA Office	Tue els Toure	At-grade	e Tui	nnel	Elev	ated	N/A
Inspection Location	Х		Х					Track Type			Х			
Line/a)	A-Line	Track		Track 2	,	Chain Ma	rker	From				То		
Line(s)	A-LINE	Numb	er	ITACK 2	•	and/or St	ation(s)	Metro Center	r (A01), CM	00+00	CM A	2-221+	00	
Waltala	Head C	ar Number	1	Number c	of Cars	F		TC) / 04						
Vehicles	то	6V-01	1 Equipment TGV-01											
Description	_	afety briefing			•			Number	er of Defects 0					
Description	briefing v	vas thorough	and c	complied with all WMATA requirements.					Recomm	ended Fi	nding? No			

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarte Date: 2017.04.07 15:15:03 -04'00'	ers, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Alexander Nepa		



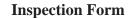


		Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Sub	bject	Track (Geometr	y Inspectio	n, TGV-01.		Activity Co	ode	TF	RK	GEN	INS
Job Briefing Employee Name/Title	TRST U	INIT 89	'		Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	22 06		Outside Shift	Yes
Related Reports	Related CAPS / Findings													
Related Rules, SOPs,	Ref			Rule or	SOP		Standard		Other / 1	itle		Check	list Refer	ence
Standards, or Other	TRST-1	.000												
Inspection Location	Main Track	Vard	Stati	ion	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A
mspection Education	Х		Х					Truck Type			X			
Line(s)	A Line	Track Numb		Track	2	Chain Ma		Metro Center	From r (A01) CM	00+00	CM 4	\2-221+	To	
Wellstein	Head	Car Number	1	Number	of Cars				(1.02)) 0.11	-	0			
Vehicles		TGV-01		1		Equip	ment	TGV-01						
	A + = = =	, acomot muino	nastian	2 2 2 2 1 1 t	racaund	tast of two	ale 2 haturaar	n Metro Center		of Defect	ts			3
		л деогнетту тізг Л A2-221+00 w							Recomm	ended Fi				No
	The fol	lowing defects	word	idontifio	d ac daf	inad in M/N	AATA's TOST	1000 Manual:	Remedia	I Action I	Require	ed?		No
Description	restrict	inch split v immediate complianc TRST 1000 percent tr color-code restriction remedial a TRST 1000 percent TI immediate complianc eas of concern tion and the de	web was ely protes with of defect and was ely protes with were it efects were with of the control of the contro	as detect tected w WMATA it 5.22.6. is e detail ect. It wa vas repai table 5.2 it 5.22.6. is detected tected w WMATA mmedia were rep	ted. This with a spea A, TRST 1 1. At CM defect (is immediated in code 3. 1. At CM ed. This is with a spea A, TRST 1 tely protaired.	is not a coped restrict 2000 remed 1A2-210+1 TDD) was objected with 2000 remed 2000 reme	lor-coded decion and was lial action ta 0, track two detected. The ected with a with WMATA 10, track 2, led or coded deficion and repail action ta 1 the require	repaired in ble 5-33. right rail: A 75 is is not a speed A, 1000 ft rail: A 25 ect. It was aired in ble 5.23. d speed	Recomm	ended Re	einspec	ction?		No
Remedial Action	N/A													

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

sion date: 8/26/16 2





Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Increation Date	YYYY	MM	DD	Papart Number	20170404 \	// ATA \/	VD 1	
Inspection Date	2017	04	04	Report Number	20170404-WMATA		VP-I	
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Car Maintenance	Sub- Dep	partment	Inspection
		Name		Email	Office Phon	e	N	Nobile Phone
Rail Agency Department Contact Information		I						
Inspection Location	Greenbelt Se	ervice and Insp	ection Facility (E99)				

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection	Subjec	t S	Shop Ob	servat	ions – Gree	nbelt Yard		Activity Co	ode	VN	N	SI	PI
Job Briefing Employee Name/Title	N/A	N/A				mpanied ector?	No	Out Brief Conducted	Yes	Time	061 120	-	Outside Shift	Yes	
Related Reports	N/A	N/A				Relat	ted CAPS /	Findings	N/A						
	Ref	Ref Rule or SC			ОР		Standard		Other / T	itle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRF	MSRPH			WMATA 6000 Series Maintenance Manual										
	Mai Trac	Yard	S	tatior	0	СС	RTA Facility	FTA Office		At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location							Х		Track Type						Х
Line(s)	N/A	Tra	ack		N/A		Chain Ma	rker		From				То	
Lille(s)	IN/A	Nu	mber		IN/A		and/or St	ation(s)	N/A			N/A			
Waltala.	Hea	d Car Numb	er	Nu	Number of Cars										
Vehicles	(6044, 6072			4		Equip	ment	N/A						
Description		Number of Defects 0							0						

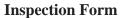
¹ The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S, Government, ou=DOT Headquarters, ou Date: 2017.04.07 15:40:39-04'00'	Date FTAHQ, cn=WINSLOW L POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Tom Wozniak, Bill Hultsch		





	FWSO inspectors observed inspections of two rail car sets at the Greenbelt	Recommended Finding?	No
	Service and Inspection Facility. WMATA performed a "C" inspection of cars 6044 and 6045 and a "B" inspection of cars 6072 and 6073. FWSO inspectors noted that	Remedial Action Required?	No
	all mechanics had the proper personal protective equipment (PPE), proper tooling, current maintenance procedures, bulletins, and engineering modification instructions (EMIs). Also noted were an extremely positive and cooperative attitude, as well as an enthusiastic willingness to demonstrate their skills.		
	FWSO inspectors observed inspection activities performed in the interior and exterior of each car. Mechanics had easy access to inspection and repair procedures for the car series and had the appropriate procedures on hand while inspecting each component. The procedures are stored and labeled by task number.	Recommended Reinspection?	No
	No exceptions were taken to the work observed.		
Remedial Action	N/A		



Form FTA-IR-1

Agency/Department Information

Federal Transit Administration

United States Department of Transportation

Inspection Date	YYYY	MM	DD	Report Number	20170405-WMATA-LF-1				
inspection Date	2017	04	05	Report Number	20170405-001				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	ATC Sub- Department ATC Co				
	ı	Name		Email	Office Phone	e	N	Nobile Phone	
Rail Agency Department									
Contact Information									
Inspection Location	SafeTrack Su	rge 13 Work A	Area						

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	ction Subj	ject	Job Safety Briefing				Activity Co	de	AT	С	JSB	OBS	
Job Briefing Employee Name/Title	Surge	Surge 13 Job Safety Briefing Table			Table		Accompanied Yes		Out Brief Conducted	No	Time	190 010		Outside Shift	Yes
Related Reports						Relate	d CAPS / I	indings							
Balata d B. Las COBs	Ref Rule or			Rule or S	SOP		Standard		Other / T	ïtle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPI	M													
Standards, or Strict	MSRF	РΗ													
luonostion Location	Mai Trac		Yard	Stati	on (осс	RTA Facility	FTA Office	Tuesda Tuesda	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x				x	
								_		From				То	
Line(s)	C, J		Track Numbe	r	2		Chain Ma and/or St		C2 568+00			C2 62	4+00		
			14dillibe				ana, or se	acion(3)	J2 570+00	J2 659+00					
Vehicles	Hea	d Car N	lumber	1	Number	of Cars									
		N/A			N/A	١	Equip	ment	N/A						

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

Inspector in Charge - Signature	LEON FERGUSON JR	Digitally signed by LEON FERGUSON JR DN: c=US, o=U.S. Government, ou=DOT FRAChic FERGUSON JR Date: 2017.05.05 11:06:09 -05'00'	Date agoIL, ou=FRA FRAChicagoIL, cn=LEON
Inspector in Charge – Name Leon Ferguson	Inspection Team Leon Ferguson		





	FWSO per	sonnel recei	ved a	a Job Safe	ty Briefin	g from th	e Surge 13 b	riefing table.	Number	of Defec	ts			0	
						_		ewed. Briefer	Recomm	ended Fi	nding?			No	
Description						· .	s well as the ere provided		Remedia	I Action	Reauire	ed?		No	
Description		•					d access to t						110		
	_	tions were ta				J		·	Recomm	ended R	tion?	No			
Remedial Action	N/A														
Inspection Activity #	2 Ins	pection Subj	ect	SafeTra	ick Surge	Inspectio	n		Activity Co	ode	АТ	ТС	WI	PI	
Job Briefing Employee Name/Title	Surge 13	lob Safety Br	iefing	g Table	Accom	No	Time	190 010		Outside Shift	Yes				
Related Reports					Relate				·						
	Ref			Rule or S	SOP		Standard		Other / 1	Title		Checkl	ist Refer	ence	
Related Rules, SOPs, Standards, or Other	ATC 1000 Test and I Manual	, 2000, 3000 nspection		2010.8				Rail connections							
Standards, or Other	ATC 1000 Test and I Manual	1012A-3	-1			Bond to connecti									
luono ation I a antion	Main Track	Yard	Stat	tion (осс	RTA Facility	FTA Office Track Type		At-grad	e Tu	nnel	Eleva	ted	N/A	
Inspection Location	х							тгаск туре	Х			х			
									From				То		
Line(s)	C, J	Track Numbe	r	2		Chain Ma and/or St		C2 568+00			C2 62	24+00	+00		
		Nullibe	•			anu/or 3	ation(s)	J2 570+00			J2 65	9+00			
	Head Ca	r Number		Number	of Cars										
Vehicles		I/A		N/A			ment	N/A							
							rack surge 13 wo of the C L		Number	of Defec	ts			0	
							spectors obs		Recomm	ended Fi	nding?			No	
		activities bei							Remedia	I Action	Require	ed?		No	
	•	•			•		valked track								
Description						_	-	k. In locations to be installed							
Description		and tested.	X IIus	been cor	iipicted	ngnar app	nances were	to be instance							
	•	• FTA Inspector observed ATC personnel reconnect track connections and reinstall bonds at locations set up. Recommended Reinspection? No													
							WMATA's e	xisting ATC							
Remedial Action	N/A	. No exception	JIIS W	vere taker	i during 1	ine inspec	JUOII.								
	14/7														



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170405-WI	// ATA \/	VD 1			
inspection date	2017	04	05	Report Number	20170405-001	VIA I A-V	VP-I			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	Production/Safe		
		Name		Email	Office Phon	е	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	tion C–Line, Surge 13 between Eisenhower Avenue Station (C14) and Braddock Road Station (C12).									

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-RWP-OBS	TRK-GEN-INS				
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 Sub	ject	Roadwa	ıy Worl	ker Protecti	on – Job Safe	ety Briefing	Activity Co	ode	TR	K	RWP	OBS	
Job Briefing Employee Name/Title	TRST	UNIT 60	014				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	080 140		Outside Shift	No	
Related Reports							Related CAPS / Findings									
Pulated Pulate COP	Ref	Ref Rule o					or SOP Standard			Other / T	itle		Checl	klist Refe	rence	
Related Rules, SOPs, Standards, or Other	RWPN	Л														
lana estima la cetica	Mair Trac		Yard	Stati	on C	OCC RTA Facility		FTA Office	Track Type	At-grade	e Tui	nnel	Elev	vated .	N/A	
Inspection Location	Х			Х				Track Type		x		x		Х		
		·	Track				Chain Ma	rkor		То						
Line(s)	C-Line	2	Numbe	er	Track 2	!	and/or St		Eisenhower A (C14)	isenhower Avenue Station C14)				Braddock Road Station (C12)		
Walifala a	Head	d Car N	lumber	-	Number c	of Cars	F									
Vehicles							Equip	ment								
Description						•		and conduct		Number	of Defect	s			0	
Description	briefir	ng table	e at Eisen	hower	Avenue	nue Station. It was thorough, complete, and fully			Recommended Finding?					No		

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FTAHQ, Date: 2017.04.12 14:17:50 -0400°	cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Alexander Nepa		





	compliant with all WMATA Roadway Worker's Protection Manual (RWPM)	Remedial Action Required?	No
	requirements. All WMATA and contract employees were working safely and appeared to have all required personal protective equipment (PPE).	Recommended Reinspection?	No
Remedial Action			

Inspection Activity #	2 Ins	pection Sub	ject T	rack Genera	Inspection			Activity Co	ode	TR	RK	GEN	INS
Job Briefing Employee Name/Title	TRST UNI	T 6014 ort unit 6341	l		ompanied ector?	Yes	Out Brief Conducted	Yes	Time	080 140		Outside Shift	No
Related Reports				Rela	ted CAPS /	Findings		l.					
	Ref		Ru	lle or SOP		Standard	l	Other / 1	itle	list Reference			
Related Rules, SOPs, Standards, or Other	TRST-100	0											
Incorption I continu	Main Track	Yard	Station	осс	RTA Facility	FTA Office	Tue els True e	At-grad	e Tu	nnel	Elev	ated	N/A
Inspection Location	Х		Х				Track Type	Х		Х)	(
		Track			ulaau		From						
Line(s)	C-Line	Numb	er	Track 2	Chain Ma and/or St		Eisenhower A (C14)	Avenue Stati	on	Brade	dock Ro	ad Statio	n (C12)
	Head Ca	r Number	Nui	mber of Car									
Vehicles					Equip	ment							
			•			nhower Aver k Surge 13 w	ue Station vas conducted.	Number	of Defec	ts			0
	No defec	ts ware note	d during	this inspect	ion and the	following	as observed:	Recomm	ended Fi	nding?			No
	No delec	is were note	u uuiiig	tilis ilispect	ion, and the	i lollowing w	as observeu.	Remedia	l Action	Require	ed?		No
Description	•	 All concrete grout pad work appeared to be compliant with WMATA TRST 1000 grout pad requirements. New cement grout pads were observed. All fastener repairs appeared to be compliant with WMATA TRST 1000 rail fastening system requirements. New rail fastener systems were observed. All newly installed crossties observed appeared to be compliant with WMATA TRST 1000 requirements. Ties observed were properly spaced, anchored, and of the proper size. Recommended Reinspection? No											No
		N/A											



Form FTA-IR-1



United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170406-WMATA-LF-1						
inspection bate	2017	04	06	Report Number	20170400-001	VIA I A-L	L-T				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	ATC	Sub- Dep	partment	ATC Construction			
	ı	Name		Email	Office Phone	е	N	Nobile Phone			
Rail Agency Department							,				
Contact Information											
Inspection Location	SafeTrack Su	rge 13 Work A	Area								

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	AT	С	JSB	OBS
Job Briefing Employee Name/Title	Surge	13 Job :	Safety Bi	riefing	Table	Accon	npanied ctor?	Yes	Out Brief Conducted	No	Time	190 010		Outside Shift	Yes
Related Reports						Relate	ed CAPS / I	indings							
	Ref				Rule or S	SOP Standard				Other / T		Checklist Reference			
Related Rules, SOPs, Standards, or Other	RWPM														
Standards) or other	MSRP	MSRPH													
Increation I costion	Mair Tracl		Yard	Stati	tion OCC		RTA Facility	FTA Office	Track Trace	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location	Х								Track Type	Х				х	
		,						_		From				То	
Line(s)	C, J		Track Number	or	2		Chain Marker and/or Station(s)		C2 568+00	68+00			C2 624+00		
			- Tunio	••			una, or se	2011(3)	J2 570+00			J2 659	9+00		
Vehicles	Head	d Car Nu	umber	ı	Number (of Cars									
		N/A N/A				A	Equipment N/A								

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

Inspector in Charge - Signature	LEON FERGUSON JR Digitally signed by LEON FERGUSON JR DN: c=US, oper-mment, ou=DOT FRACH icagoIL, ou=FRA FRAChicagoIL, ou=ERA FRAChicagoIL, ou=ERA FRAChicagoIL, ou=FRA FRAChic
Inspector in Charge – Name Leon Ferguson	Inspection Team Leon Ferguson





								Γ						
							e Surge 13 b		Number	of Defect	ts			0
						_	ts were revie s well as the	wed. Briefer	Recomm	ended Fi	nding?			No
Description							ere provided		Remedia	Action I	Require	d?	No	
	_	their receip tions were t			g and w	ere grante	d access to tl	ne roadway.	Recomm	ended Re	einspec	ction?		No
Remedial Action	N/A													
Inspection Activity #	2 Ins	spection Sub	ject	SafeTra	Activity Co	de	AT	С	WI	PI				
Job Briefing Employee Name/Title	Surge 13	Job Safety B	riefinį	g Table	Accor	No	Time 1900			utside Shift	Yes			
Related Reports			Relat											
	Ref			Rule or :	SOP		Standard		Other / T	itle		Checklis	t Refer	rence
Related Rules, SOPs, Standards, or Other	ATC 1000, 2000, 3000 Test and Inspection 2010.8 Manual								Rail conn					
	ATC 1000, 2000, 3000 Test and Inspection Manual 1012A-3-1								Bond to Bond connection					
Inspection Location	Main Track	Yard	Sta	tion	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Elevat	ed	N/A
mspection Location	х							паск туре	×			Х		
						al :			From				То	
Line(s)	C, J	Track Numb	er	2		Chain Ma and/or St		C2 568+00			C2 62	4+00		
		1101110	·.			4114, 51 51		J2 570+00			J2 65	9+00		
Vehicles	Head Ca	ar Number		Number	of Cars	Equip	ment	N/A						
vernicles	1	N/A		N/A	Д	Equip	ment	IN/A						
				•			rack surge 13		Number	of Defect	ts			0
							wo of the C L spectors obs		Recomm	ended Fi	nding?			No
		activities be					Spectors 020		Remedia	Action I	Require	d?		No
	•	•					valked track (
						_	_	k. In locations						
Description		and tested		been cor	npieted	signal app	nances were	to be installed						
				bserved A	TC pers	onnel conr	nect track cor	nections and	Recomm	ended Re	einspec	tion?		No
		reinstall b			-									
		observed we					WMATA's ex	xisting ATC						
Remedial Action	N/A	snoopt		tanel		,								



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	2017	0406 \\	N/ATA	M/D 1
inspection date	2017	04	06	Report Number	2017	0406-WI	IVIA I A-	VVP-I
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	RTRA Sub- Department Office Phone Me		N/A	
		Name		Email	е	N	Nobile Phone	
Rail Agency Department Contact Information								
								_
Inspection Location	Red Line, Gle	enmont (B11)	to Gallery Place	(B01)				

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	EMGT-GEN-PI					
Inspection Units	1					
Inspection Subunits	10					
Defects (Number)	3					
Recommended Finding	No					
Remedial Action Required ¹	No					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Fire Life	Safety	Inspection			Activity Co	ode	EMG	GEN GEN	PI
Job Briefing Employee Name/Title	N/A					Accompanied Inspector? Out Brief Conducted		No	Time	0900- 1400	Outsi Shif	No	
Related Reports	201703	321-WMATA-W	/P-1		Rela	ted CAPS / F	indings	N/A					
	Ref		Rule or S				Standard		Other / T	itle		Checklist Re	ference
Related Rules, SOPs, Standards, or Other	and Pro	Rail Safety Rule ocedures ook nent Order No	T-	SOP# 1A SOP# 8 SOP# 5 MSRPH 0 1.12		l Rule				OSHA Standard CFR 1910.157 (e) (2)			
	Main Track	Yard	Stati	on C	ОСС	RTA Facility	FTA Office		At-grad	e Tu	nnel	Elevated	N/A
Inspection Location			х					Track Type					х
Line(s)	Red	Track		Chain Mai		rker		From			То		
Line(3)	neu	Numb	er	N/A and/or Sta		ation(s)	Glen	imont (B11)			Gallery Place (B01)		
Vehicles	Head	Car Number	ı	Number of Cars Equip			ment	N/A					

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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquar Date: 2017.04.11 15:16:52 -04'00'	Date ters, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Chris Difatta	V	





	N/A N/A		
	The FWSO Inspector conducted Fire Life Safety inspections on the Red Line	Number of Defects	3
	between Glenmont (B11) and Gallery Place (B01). During the inspection, the FWSO Inspector ensured that each station had the correct emergency evacuation	Recommended Finding?	No
	maps, functioning fire extinguishers, and that the station manager was in	Remedial Action Required?	No
	possession of the current Metrorail Safety Rules and Procedures Handbook (MSRPH) and Emergency Evacuation Procedures manual for reference in case of emergency. The following new defects were observed, and there were no color-coded conditions noted: • Station manager was not in possession of the MSRPH or Emergency Evacuation Procedures at the Rhode Island Ave. (MSRPH General Rule		
Description	 1.12) 1997 Emergency Evacuation Maps were observed with 2016 Maps at the Silver Spring Station. (MSRPH General Rule 1.12) 1997 Emergency Evacuation Maps were observed with 2016 Maps at the Brookland CUA Station. (MSRPH General Rule 1.12) Remedial actions for these defects were previously issued in FWSO report 20170321-WMATA-WP-1. 	Recommended Reinspection?	Yes
	Other notable observations: One fire extinguisher in the Fire Equipment Room had pin removed at the Glenmont Station. Three fire extinguishers in the Fire Equipment Room were not inspected in the month of March at the Wheaton Station.		
Remedial Action	N/A		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170406 W/N	20170406-WMATA-WP-2				
inspection bate	2017	04	06	Report Number	20170400-WWATA-WF-2					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Maintenance				
	I	Name		Email	Office Phon	е	N	Mobile Phone		
Rail Agency Department										
Contact Information										
Inspection Location	C—Line between Pentagon City Station (C08) and CM 214+00									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Insp	pection Sub	ject	Roa	idway	Worker	Protection	on – Job Safe	ety Briefing	Activity Co	ode	TR	K	RWP	OBS
Job Briefing Employee Name/Title			6168, RWIC		n/Loo	kout		npanie ector?	Yes	Out Brief Conducted	Yes	Time		1000 - 1300		No
Related Reports							Relate	ed CAPS ,	/ Findings							
	Ref				Rule	or SO	Р		Standard		Other / T	itle		Chec	klist Refe	rence
Related Rules, SOPs, Standards, or Other	RWPI	M														
otaniaaras, or other																
lucus etion location	Mai Trac		Yard	Sta	tion	ОС	С	RTA acility	FTA Office	Trook Troo	At-grade	e Tu	nnel	Elev	vated	N/A
Inspection Location)	X					Track Type			Х			
Line(s)	C Line	`	Track		Tre	ack 2	С	hain Mai	rker		From		То			
Lille(s)	CLINE		Numbe	er	110	ICK Z	а	nd/or Sta	ation(s)	Pentagon City	Station (CC	08)	CM 2	14+00		
Walifala.	Hea	ıd Car	r Number		Numb	per of	Cars	F		A1 / A						
Vehicles		N,	/A			N/A		Equip	ment	N/A						
					•				_	n City Station	Number	of Defect	s			0
Baradatta.	٠, ,		_		•	•			quirements. pach warning		Recomm	ended Fi	nding?			No
Description						•	•		s were taken	57. 1	Remedia	l Action I	Require	d?		No
											Recomm	ended Re	einspec	tion?		No

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

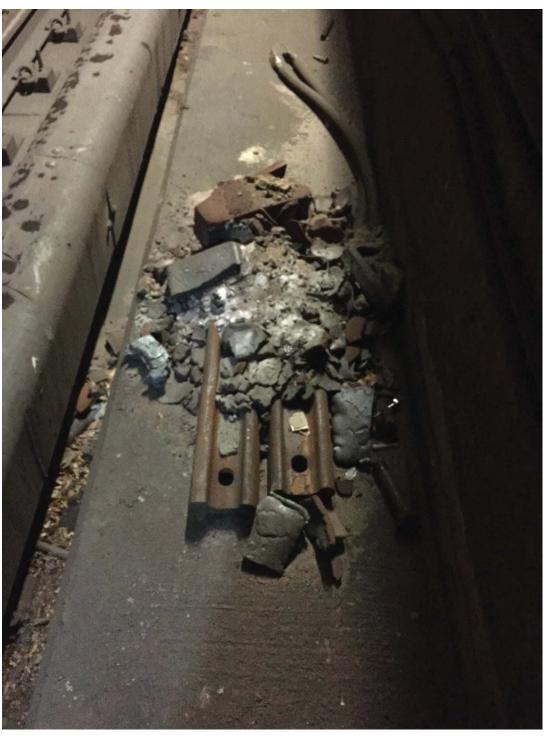
Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, 0=US. Government, ou=DOT Headquarters, ou=FTAHQ Date: 2017.04.12 14:20:51-04'00'	.cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Alexander Nepa		



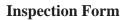
Remedial Action N/A

Inspection Activity #	2 Ins	pection Sub	oject	Track (General	Inspection			Activity C	ode	TF	RK	GEN	INS
Job Briefing Employee Name/Title	TRST Unit	6168, RWI 6139, n/Lookout	С			ompanied ector?	Yes	Out Brief Conducted	Yes	Time	100	00 -	Outside Shift	No
Related Reports					Rela	ted CAPS /	Findings							
	Ref			Rule or	SOP		Standard	II.	Other /	Γitle		Checl	dist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST 100	0												
Inspection Location	Main Track	Yard	Stati	ion	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A
	Х								X X					
Line(s)	C Line	Track Numb		Track	2	Chain Ma		Pentagon City	From		CM 2	214+00	То	
	Head Ca	ır Number		Number	of Cars		, (600)		CIVIZ					
Vehicles		I/A		N/		Equip	ment	N/A						
									Number	of Defec	ts			6
				•		-	Pentagon Cit Iccompanied	y Station (C08) I WMATA	Recomn	nended Fi	nding?)		Yes
		l and a cont					Remedia	al Action I	Require	ed?		Yes		
	inspection The follow noted:	TRST 1000 as designe TRST 1000 and mud h TRST 1000 was obser TRST 1000 length, the TRST 1000 interlock, (See attace	s were O defected and O defected and O defected. O defected and O	observe t 3.1.2.2 was bac t 3.1.2.2 cked up t 13.3.1 t 10.15: s none t t 10.17. and oth- ioto.) t 3.1.2.2 as desig	2: At CM king up 2: Betwee under th 4: At CM Betwee o severe 4.1: On the critical control of the criti	there were 282+80, the to the third en CM 280- ne third rail 1 265+50, and cly poor lighthe catwalk material (O	e water was rail. +00 and 278 missing end C-08, throug ting observe, adjacent to TM) blocking	ded conditions not draining +00, the water cover board the the entire ed.	Recomn	nended Ro	einspeo	ction?		Yes
Remedial Action	To achiev	WMATA WMATA WMATA WMATA WMATA	A must A must A must A must A must	repair d address replace repair o remove	rainage the exce the miss r replace the OTN	at CM 282+ ess mud an sing third ra e the lightin II and debri	d water back il cover boan g between (s from the w	ked up under th rd at CM 265+50 CO7 and CO8. valkway at the C 0 and 214+50.	0.				d 278+00	

Photos:



Other track material and debris blocking catwalk



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170406-WI	// T/ \/	VD 2	
inspection date	2017	04	06	Report Number	20170406-001	VIA I A-V	VP-3	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department			CBL. IN.	
		Name		Email	Office Phon	е	N	Nobile Phone
		<u> </u>						
Rail Agency Department Contact Information								
Inspection Location	Union Statio	n (B03) to Gal	lery Place/China	atown (B01), Track 1				

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-WI-OBS					
Inspection Units	1					
Inspection Subunits	9					
Defects (Number)	5					
Recommended Finding	Yes					
Remedial Action Required ¹	Yes					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1 In	spection Sub	ject	Walking	Obser	vation (Cab	le Inspection	1)	Activity Co	ode	TF)	WI	OBS
Job Briefing Employee Name/Title		RWIC Watchman/L Documenter		ut		mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	RWPM				Relat	ted CAPS / I	Findings							
	Ref			Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other														
Standards, or Strict														
lucus ation I a sation	Main Track	Yard	Stati	ion (OCC	RTA Facility	FTA Office	Tuesda Tauss	At-grad	e Tur	nnel	Elevated		N/A
Inspection Location	x							Track Type			X			
Line(a)	B-Line	Track		1		Chain Ma	rker	From			То			
Line(s)	B-Line	Numb	er	1		and/or St	ation(s)	Union Station	n (B03) Gall			llery Place/Chinatown (B01)		
	Head C	Car Number		Number o	of Cars			21/2						
Vehicles		N/A		N/A		Equip	ment	N/A						
Description	_	safety briefing	-						Number	of Defect	s			5
Description	areas, co	mmunication	n, and	Roadway	Access	Guide wer	e used as pa	rt of the	Recomm	ended Fir	nding?			Yes

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters Date: 2017.04.12 14:24:07 -04'00'	s, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Tino Sahoo		





	discussion. No exceptions were taken.	Remedial Action Required?	Yes
	 Daily cable inspections are part of the holistic approach WMATA has instituted to prevent cable fires and arcing incidents. The pictures taken and defects noted were entered into a database for nighttime cable repair crews to fix. The following new defects were observed, and there were no color coded conditions noted: TRK 1 CM 31+00: Conduit stub-up compromised; heat shrink compromised on conduit stub-up. (See Figure 1.) TRK 1 CM 30+00: Conduit stub-up compromised. (See Figure 2.) TRK 1 CM 29+00: Debris and trash surrounding 3rd rail end approach. (See Figure 3.) TRK 1 CM 25+50: Concrete debris falling from the ceiling of the tunnel close to the 3rd rail. (See Figure 4.) Other Notable Observations: TRK 1 CM 66+00 – Debris surrounding cables TRK 1 CM 31+00 – Missing 3rd rail coverboard TRK 1 CM 30+00 – Mud and debris surrounding cables FWSO will follow up to confirm the conclusion of the work once the cable issues have been corrected. 	Recommended Reinspection?	Yes
Remedial Action	To achieve compliance with WMATA's requirements: WMATA must replace conduit-stub up (TRK 1 CM 31+00). WMATA must install new heat shrink on stub-up (TRK 1 CM 31+00). WMATA must replace conduit stub-up (TRK 1 CM 30+00). WMATA must clean debris and trash surrounding 3 rd rail end approach (TRK 1 WMATA must investigate the cause of the compromised concrete falling from problem (TRK 1 CM 25+50).	•	mitigate the





FIGURE 1 - TRK 1 CM 31+00 — CONDUIT STUB-UP COMPROMISED; HEAT SHRINK COMPROMISED ON CONDUIT STUB-UP



FIGURE 2 - TRK 1 CM 30+00 - CONDUIT STUB-UP COMPROMISED



FIGURE 3 - TRK 1 CM 29+00 - DEBRIS AND TRASH SURROUNDING $3^{\rm RD}$ RAIL END APPROACH







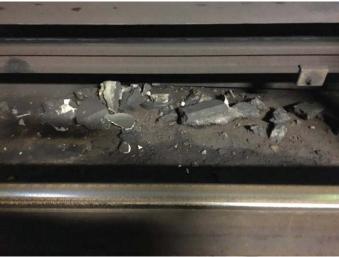


FIGURE 4 - TRK 1 CM 25+50 – CONCRETE DEBRIS FALLING FROM THE CEILING OF THE TUNNEL CLOSE TO THE 3RD RAIL



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170407 \\	4ATA 1	T 1			
inspection Date	2017	04	07	Report Number	20170407-WMATA-LF-1					
Rail Agency Name	Washingtor Authority	n Metropolitar	Area Transit	Rail Agency Department	ATC	Sub-Department ATC Construct				
	1	Name		Email	Office Phon	e	M	lobile Phone		
Rail Agency Department										
Contact Information										
Inspection Location	Sa feTrack Surge 13 Work Area									

Inspection Summary

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

Activity Summaries

Inspection Activity#	1	Insped	ction Sub	ject	Job Saf	ety Brie	fing			Activity C	ode	AT	С	JSB	OBS
Job Briefing Employee Name/Title	Surge	: 13 Job	Safety B	riefing	g Ta ble	Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	No	Time	190 010		Outside Shift	Yes
Related Reports	Rela					Relate	ed CAPS /	Findings							
	Ref							Standard		Other/	Title		Che	cklist Refe	rence
Related Rules, SOPs, Standards, or Other	RWPI	М													
Standards, or other	MSRP	·Η													
Inspection Location	Track		Yard	Stati	ion (ОСС	RTA Facility	FTA Office	Track Type	At-grad	e Tur	nel	Ele	evated	N/A
mspection Location	Х								паск туре	Х				Х	
										From				То	
Line(s)	C, J		Track Numb	a r	2		Chain Ma and/or St		C2 568+00	C2 6		C2 62	524+00		
			Italiio				unu, 01 30	ation(s)	J2 570+00			J2 65	9+00)	
Vehicles	Hea	d Car N	lumber	١	Number	of Cars									
		N/A			N/A	A	Equip	ment	N/A						

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

Inspector in Charge - Signature	LEON FERGUSON JR Digitally signed by LEON FERGUSON JR DN: c=US, one-mment, ou=DOT FRACH cagolL, ou=FRA FRAChicagolL, ou=FRA FRAChicago
Inspector in Charge – Name	Inspection Team
Leon Ferguson	Leon Ferguson





	·	ved a Job Safety Briefing	•	Number of Defects	0	
		ere checked and the wor and types of work taking		Recommended Finding?	No	
Description		e of the day. FWSO perso		Remedial Action Required?	No	
·	indicating their receip No exceptions were ta	t of the briefing and were ken.	he roadway.	Recommended Reinspection?	No	
Remedial Action	N/A					

Remedial Action	N/A													
Inspection Activity #	2 Ir	spection Su	bject	Safe	eTrack Su	rge Inspect	ion		Activity C	ode	ATO	С	WI	PI
Job Briefing Employee Name/Title	Surge 1	3 Job Safety E	Briefin	g Tabl	0	ompanied ector?	Yes	Out Brief Conducted	No	Time 19		00-	Outside Shift	Yes
Related Reports					Rela	ated CAPS	/ Findings							
	Ref			Rule	e or SOP Standard			Other/	Title		Chec	klist Refe	erence	
Related Rules, SOPs, Standards, or Other		0, 2000, 300 d Inspection	0	2010	010.8			Rail con	nections					
otania autorio de otne		C 1000, 2000, 3000 st and Inspection anual Bond to Bond connection												
Increastion Location	Main Track	Yard	Station OCC RTA FTA Office Table Tunnel		Elev	ated	N/A							
Inspection Location	Х							Track Type	Х				х	
		Track				Chain M			From	То				
Line(s)	C, J	Numb	er	2			arker Station(s)	1 C2 568±00			C2 62	24+00		
										J2 659+00				
Vehicles	Head (Car Number			er of Car		pment	N/A						
		N/A			N/A	-	•							
							eTrack surge 1 two of the C		Number	of Defe	ts			0
							inspectors ob			nended F				No
		ng activities b	.			norconno	walkad track	circuite and	Remedi	al Action	Require	ed?		No
Description	• All item	 FTA Inspector and WMATA ATC personnel walked track circuits and identified locations that were damaged during track work. In locations where work has been completed signal appliances were to be installed and tested. FTA Inspector observed ATC personnel connect track connections and reinstall bonds at locations set up. All items observed were performed in accordance with WMATA's existing ATC standards. No exceptions were taken during the inspection. 									No			
Remedial Action	N/A													

Form FTA-IR-1

Version date: 8/26/16 2

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170411 \	4ATA 11	г 1			
inspection Date	2017	04	11	Report Number	20170411-WMATA-LF-1					
Rail Agency Name	Washingtor Authority	n Metropolitar	Area Transit	Rail Agency Department	ATC	Sub-Dep	Sub-Department ATC Inspection			
	1	Name		Email	M	lobile Phone				
Rail Agency Department Contact Information	A									
Inspection Location	C-Line Foggy Bottom ATC Room and Switch Inspection									

Inspection Summary

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

Activity Summaries

Inspection Activity#	1	Inspec	ction Sub	ject	Job Sa	fety Bri	efing				Activity C	ode	AT	C	JSB	OBS
Job Briefing Employee Name/Title	ATC A	_	ıl technic	ian a	t Foggy		l ' l Yes l			Out Brief Conducted	No	Time	100 140		Outside Shift	Yes
Related Reports	N/A					Rela	Related CAPS / Findings N/A									
	Ref				Rule o	SOP			Standard		Other / Title			Checklist Reference		
Related Rules, SOPs, Standards, or Other	ATC 1000, 2000, 3000 Test ans Inspection 1008 Manual									Switch r	Switch monthly Test					
	Mair Tracl		Yard	Stat	tion	осс		RTA cility	FTA Office	Tuesda Tauss	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location	Х									Track Type			Х			
Line(s)	С	Ī	Track		2		Cha	ain Ma	rker		From				То	
Line(s)	C		Numbe	er		and/or			ation(s)	C2 64+43			C2 67	7+57		
Vehicles	Head	d Car N	umber		Number	Number of Cars										
		N/A			N,	'A		Equipment N/A								

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

Inspector in Charge - Signature	LEON FERGUSON JR	Digitally signed by LEON FERGUSON JR DN: c=US, o=U.S. Government, ou=DOT FRAChi cn=LEON FERGUSON JR Date: 2017.05.05 11:15:32 -05'00'	Date tagoIL, ou=FRA FRAChicagoIL,
Inspector in Charge – Name	Inspection Team		
Leon Ferguson	Leon Ferguson		





		ived a Job Safety Briefing	,	U	Number of Defects	0
Description	007	E and RWP ID were check ered the type of protection		Recommended Finding?	No	
Description		spital and safety rule of t		•	Remedial Action Required?	No
	exceptions were taker	า.			Recommended Reinspection?	No
Remedial Action	N/A					

Remedial Action	N/A													
Inspection Activity#	2 Ins	spection Sul	ject	ATC Ro	om and	d Switch Ins	spection		Activity C	ode	AT	c	WI	OBS
Job Briefing Employee Name/Title	ATC AA Si Bottom.	ignal techni	cian at	Foggy Accompanied Inspector?		Yes	Out Brief Conducted	No	No Time		00-	Outside Shift	Yes	
Related Reports	N/A				Relat	ted CAPS /	Findings	N/A	· · · · ·					
	Ref			Rule or SOP		Standard		Other/	Title		Chec	klist Refe	rence	
Related Rules, SOPs, Standards, or Other	ATC 1000, 2000, 3000 Test ans Inspection Manual			1008					Switch r	nonthly T	est			
Inspection Location	Main Track	Yard	Statio	ion OCC RTA Facility		FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A	
mspection Education	х				Track Type		паск туре	2		Х				
Line(s)	С	Track		2		Chain Ma			From				То	
Lille(3)	C	Numb	er	2		and/or St	ation(s)	C2 64+43			C2 67	7+57		
Vehicles	Head Ca	ar Number	N	lumber	of Cars		ment	N/A						
venicles	ı	N/A		N/A	A	Equip	ment	N/A						
								oggy Bottom	Number	of Defe	ts			0
		etween chai wing activitie				nd 67+57. F	WSO inspect	ors observed	Recomn	Recommended Finding?				No
	•	U	,	0 1		ATC maint	ainers perfo	rm monthly	Remedi	al Action	Requir	ed?		No
					00,		erlocking. Al	l Require d						
		standards	were r	net with	noexo	eptions.								
Description	Other No	table Obser	vation	ıs:										
	•					rs (4 switch or two swit		eduled for PMI	Docomo	a a mala al F	la in an a	ation?		No
	•						cnes. 000 hrs but v	vas not	Kecomn	nended F	einspe	ction?		INO
		granted u		•										
							n WMATA's e	existing ATC						
B 11 1 4 11	standards. No exceptions were taken during the inspection.													
Remedial Action	N/A													

Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170411 \	// ATA \/	VD 1		
inspection bate	2017	04	11	Report Number	20170411-WMATA-WP-1				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	RTRA	Sub- Dep	N/A		
		Name		Email Office Phone Mob			obile Phone		
Rail Agency Department									
Contact Information									
Inspection Location	Shady Grove	Yard							

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Sul	bject	Rules Comp	pliance Inspect	on		Activity Co	ode	RTRA	GEN	OBS
Job Briefing Employee Name/Title	John	DeFilippo			ccompanied spector?	Yes Out Brief Conducted		Yes	Time	0800- 1300	Outside Shift	No
Related Reports	20160	0624-WMATA-V	VP-1	Related CAPS / Findings N/A								
	Ref	Ref Rule o				Standard		Other / T	itle	C	Checklist Refe	rence
Related Rules, SOPs, Standards, or Other	MetroRail Safety Rules and Procedures Handbook 3.119, 3.121,3 3.141			.87 .119, 3.120 .121,3.121 .141 OP# 12, 15	erating Rules			OSHA Sta 1926.100				
	Mai Trac	Yard Station (n OCC	RTA Facility	FTA Office		At-grade Tui		nnel	Elevated	N/A
Inspection Location		х			х		Track Type					х

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=I Date: 2017.04.18 18:31:53 -0400'	TAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Chris Difatta, Tom Wozniak		





Line(s)	N/A	Track	N/A	Ch	nain Marker	l	From		То		
Lille(3)	IN/A	Number	N/A	an	nd/or Station(s)		N/A		N/A		
Vehicles	Head Car N	umber	Number of Cars		Faurinanant	7064, 7065					
venicies	N/A		N/A		Equipment	7004, 7005					
		•	•		ection at the Shady		Number of Defect	ts	1		
	_		-WSO inspectors s on seven train		served daily put-ins,	radio	Recommended Fi	nding?	No		
	p. occuu. co u	ind surery stop	5 011 50 011 11 11 11	0010	•		Remedial Action I	Required?	No		
Description	the operator a visual walk yard, safety s There was or Typr ec "E A remedial ac WMATA-WP- Other Notab	recertification around inspectops and propose ne non-color-c	process. During tion. This involvier securement. oded defect not were observed in the securement (PPE) (i.e. is incompliant vill be worn while efect was previous. s observed two securement eels were cut and securement eels were cut and securement eels were cut and securement even movement eels were cut and securement.	the ed ir eed: not v , har vith wor 7000	wearing proper person wearing proper person wearing proper person was a way a	or conducted ons in the onal g under the which states: ort 20160624-	Recommended Re	einspection?	No		
Remedial Action	N/A								I		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170412 \\\\	40T0 \A	/D 1			
inspection bate	2017	04	12	Report Number	20170412-WMATA-WP-1					
Rail Agency Name	Washington Authority	Metropolitan A	Area Transit	Rail Agency Department	I IRSI Sup- Department			Maintenance Production		
	I	Name		Email	il Office Phone Mobile P			Mobile Phone		
Rail Agency Department										
Contact Information										
Inspection Location	_			oad (C12) and Huntingto	, ,,					
J-Line Surge 13 area between Van Dorn (J02) CM 684+00, to King Street Station (C13)										

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-RWP-OBS	TRK-GEN-INS				
Inspection Units	1	1				
Inspection Subunits	10	8				
Defects (Number)	0	3				
Recommended Finding	0	Yes				
Remedial Action Required	0	Yes				
Recommended Reinspection	0	Yes				

Activity Summaries

Inspection Activity #	1	Inspe	ction Sub	ject	Roadwa	y Wor	ker Protect	on – Job Saf	ety Briefing	Activity Co	ode	TRK	ı	RWP	OBS
Job Briefing Employee Name/Title	TRST	Unit 60)14			Accompanied Inspector?		No	Out Brief Conducted	Yes	Time	0800 1400		utside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref	Ref Rule or			Rule or S	ОР		Standard		Other / T	Γitle		Check	ist Refe	rence
Related Rules, SOPs, Standards, or Other	RWPN	M			RWPM-J Briefing	1-Job Safety ng									
lucus ation I a sation	Maii Trac		Yard	Stati	on C	ОСС	RTA Facility	FTA Office	Too als Tours	At-grade		Tunnel	Elevat	ed	N/A
Inspection Location				Х					Track Type	X					
										From				То	
Line(s)	C line		Track		2		Chain Ma	rker							
Line(3)	J line		Numbe	er	_		and/or St	ation(s)							
				1											
Vehicles	Hea	d Car N	Number	1	Number o	of Cars	Equip	ment							
v Childes		N/A	١.		N/A		Equip	ment							
								and conduct							0
Description		_					•	•	fully compliant	Recomm	ended F	inding?		- 1	None
	WICH C	with all WMATA's Roadway Worker's Protection Manual (RWPM) requirements.					equilibrium.	Remedial Action Required?			!?		No		

Inspector in Charge – Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headqu Date: 2017.04.18 17:58:20 -04'00'	arters, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powel	Alexander A. Nepa		





	All observations of WMATA contract requirements were compliant. Employees were working safely and appeared to have all required personal protective equipment (PPE).	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2 Ins	pection Sub	oject	Post-Su	irge Trac	ck Inspectio	on		Activity C	ode	TRK	GE	N	INS	
Job Briefing Employee Name/Title	RWIC, QIO	CO Unit 523	5		Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	0800 1400			No	
Related Reports					Relate	ed CAPS / I	indings	None			·	·			
	Ref			Rule or S	SOP		Standard		Other /	Title		Checklist	Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST 1000)													
Standards, or Other															
Inspection Location	Main Track	Yard	Statio	ion (OCC	RTA Facility	FTA Office	Track Type	At-gra	ade	Tunnel	Elevated		N/A	
	Х		Х						Х		Х	Х			
									From			To			
Line(s)	C-Line	Track		Track	,	Chain Ma		C2-CM 618+0	0		Braddo	ock Road St	ation	(C12)	
2.110(3)	J-Line	Numb	er	Truck	_	and/or St	ation(s)	J2-CM 684+00	0		King St	reet Statio	n (C13	3)	
Vehicles	Head Ca	ır Number	N	Number	of Cars	Equip	ment	None							
		I/A		N/A											
			_			•		A inspectors,	Number	of Defe	cts		3		
	-				•		•	a. The purpose ms that may	Recomn	nended	Finding?		1	⁄es	
							ith WMATA	•	Remedia	al Actior	Required	!?	١	/es	
Description	The follow	newly ins TRST 100 boards we TRST 100 520+00, f lights in the table Observing track-re TRST 1000 to Crossties, wooden or but were of and secure observed of defective Tie plates observed, double-sh clips, lag-t throat track	talled g 0 13.3.: ere mis 0 10.15 or 1,20 he tunn vations elated i rack saf TRST 1 ross ties complia ed. Old was in 1 crossties and fas new ra oulder ype scr ck spike	grout pace 14: At Classing. 5: At the 100 feet the 10. 5: At the 100 feet the 10. 5: At the 100 feet standard the 100 feet feet standard the 100 feet feet spike 100 feet feet spike 100 feet feet spike 100 feet feet feet feet feet feet feet fe	d was de M 582+5 C97 J-Lii ere wer ere inspe dards: D: In the en insta TRST 10 toles we oliance werds. system, ing system, ing systems, and tieners olieners	fective. (Se 0, three co 0, three co 0, three co 1, the portal, be only three coted and o 1, area observed with WMAT TRST 1000 ems were in d with a cohe standard bserved we 1, three conditions are standard bserved we 1, three conditions were in the standard bserved we 1, three conditions were in the standard bserved we 1, three conditions were in the standard bserved we 1, three conditions were 1, three conditions wer	bserved to be ved, a total ies that were reds were redth epoxy. The ATRST 1000 7.1, 7.2 & 7 astalled. This imbination of 5/8-inch recomplian	oboto). ird rail cover 508+00 and on-defective we within of 6,000 e not replaced rilled, lagged e area o non- 3: In the area s included new of Pandorl einforced	Recomn	nended	Reinspecti	on?	,	⁄es	

Form FTA-IR-1

Version date: 12/11/15 2



	 With the exception of one grout pad observed, all were within WMATA TRST 1000 standards. Rail, TRST 1000 5 (general): In the area observed, the rail was installed sporadically where needed. Rail conditions observed complied with all WMATA TRST 1000 rail maintenance standards. Turnouts and switches, TRST 1000 9 (general): All switches, crossovers and components observed were compliant with WMATA 1000 TRST 1000 standards. Track geometry, TRST 1000 11 (general): All areas observed appeared to have been surfaced, aligned and super-elevation applied. The roadbed ballast was clean, free from mud, and was properly regulated and groomed. 	
Remedial Action	To achieve compliance with WMATA'S requirements: WMATA must re-pour grout pad at the C14-06 signal, track two (CM 592) WMATA must replace missing cover boards (CM 582+50).	•
	 WMATA must repair the lighting through the C97-J line portal (between 	CM 508+00 and 520+00).



AT C14-06 SIGNAL, CM 592+90 DEFECTIVE GROUT PAD

Form FTA-IR-1

Version date: 12/11/15 3



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170412 \\\\\	/ATA \A	/D 2					
inspection Date	2017	04	12	Report Number	20170412-0010	0170412-WMATA-WP-2						
Rail Agency Name	Washington Authority	Metropolitan <i>l</i>	Area Transit	Rail Agency Department	Car Maintenance Sub- Department N/A							
	ı	Name		Email	Office Phone		N	Mobile Phone				
Rail Agency Department												
Contact Information												
Inspection Location	Shady Grove Service and Inspection Facility											

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	VM-SI-PI					
Inspection Units	1					
Inspection Subunits	8					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required ¹	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Inspec	ction Subj	ect			_	7000 series on spection Fac		Activity Co	ode	VN	Л	SI	PI
Job Briefing Employee Name/Title	Brand	d Loney					mpanied ector?	No	Out Brief Conducted	Yes Time		0800- 1300		Outside Shift	No
Related Reports	N/A	I/A				Relat	ed CAPS / F	indings	N/A	I/A					
	Ref				Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refere	nce
Related Rules, SOPs, Standards, or Other	and P	MetroRail Safety Rules and Procedures Handbook				WMATA 7000 Series Maintenance Manual									
languation I analism	Mai Trac		Yard	Stat	ion (осс	RTA Facility	FTA Office	Total Total	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location							х		Track Type						х
Line(s)	N/A		Track		N/A		Chain Marker			From			То		
Lilie(3)	IN/A		Numbe	er	IN/A		and/or Station(s)			N/A				N/A	
Vahialaa	Hea	ad Car N	lumber		Number o	of Cars	Faurin	- F. J							
Vehicles		N/A			8		Equipi	Equipment 7240,7241, 7244,7245,7134,7135,7236,7237			3/				

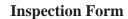
¹ The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L POWELL DN: c=US, o=US. Government, ou=DOT Headquarters, o Date: 2017.04.18 10:52:18-04'00'	Date u=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Chris DiFatta, Tom Wozniak		





	FWSO inspectors observed annual inspections of eight 7000 series cars at the Shady	Number of Defects	0
	Grove Service and Inspection Facility. FWSO inspectors noted that all mechanics had the proper personal protective equipment (PPE), proper tooling, current	Recommended Finding?	No
	maintenance procedures, bulletins, and engineering modification instructions	Remedial Action Required?	No
Description	(EMIs). Also noted were extremely positive and cooperative attitudes, as well as an enthusiastic willingness to demonstrate their skills. FWSO inspectors observed inspection activities performed in the interior and exterior of each car. Mechanics had easy access to inspection and repair procedures for the car series. They also had the appropriate procedures on hand while inspecting each component. The procedures are stored and labeled by task number. The FWSO Inspector did not note any defects during observations. Other Notable Observations: FWSO Inspectors conducted a tempreature reading on the wheels of an 8-car consist during travel from the Shady Grove Station into the yard. All readings were between seventy-eight and ninty-three degrees. No exceptions were taken.	Recommended Reinspection?	No
Remedial Action	N/A		





Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Increation Date	YYYY	MM	DD	Report Number	20170412 \	// T/ \/	VD 2	
Inspection Date	2017	04	12	Report Number	20170412-WMATA-		VP-3	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	POWR Sub- Department CM			СМ
		Name		Email	Office Phone	е	N	Nobile Phone
		<u> </u>						
Rail Agency Department Contact Information								
Contact Information								
Inspection Location	Surge 13 Wo	ork Area –Eisei	nhower Ave Sta	tion (C14)				

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	n Sub	ject		Eiser	hower Ave	(C14) – Safet	у В	Briefing	Activity Co	de	T	Р	JSB	OBS
Job Briefing Employee Name/Title	SafeT	SafeTrack Dedicated Safety Briefer				Accompanied Inspector?			Out Brief Conducted	Yes	Time	010 050		Outside Shift	Yes	
Related Reports						Relat	ted CAPS / F	indings								
	Ref					Rule	or SOP	Standard			Other / T	itle		Check	list Refer	ence
Related Rules, SOPs, Standards, or Other																
Inspection Location	Mai Trac	l Ya	rd	Station	O	OCC	RTA Facility	FTA Office	Т	rack Type	At-grade	e Tun	inel	Elev	ated	N/A
	Х									,,				>	(
Line(s)	C-Line		rack I	Number		N/A	Chain N	/larker			From				То	
Line(s)	C-LINE	= '	racki	vumber		IN/A	and/or	Station(s)		N/A			N/	Ά		
.,	Hea	d Car Num	ber	Numl	oer c	of Cars				. / ^						
Vehicles		N/A			N/A	١	Equipment N/A									
		•		•		•	iefing from the Surge 13 briefing table. All Number of Defects						0			
Description		•						er protectio		•	Recomm	ended Fin	ding?			No
	were	circoncu u	iia tiic	, working in	mits reviewed. The briefer covered the locations, Remedial Action Required?						No					

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou Date: 2017.04.18 18:02:41 -04'00'	=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Tino Sahoo		





	types of work taking place, as well as the nearest hospital and safety rule of the day. FWSO personnel were provided a bracelet indicating their receipt of the briefing and were granted access to the roadway. No exceptions were taken.	Recommended Reinspection?	No
Remedial Action	N/A		

Remediai Action	N/A													
Inspection Activity #	2 Inspection Subject				Eisenhower Ave (C14) – Compression Connector (Lug) Replacement				Activity Code		Т	ъ	RM	OBS
Job Briefing Employee Name/Title	SafeTrack Dedicated Safety Briefer				companied pector?	Yes	-	Out Brief Conducted	Yes	Time	0100- 0500		Outside Shift	Yes
Related Reports					Related CAPS / Findings									
	Ref			Rul	Rule or SOP Standard				Other / Title			Checklist Reference		
Related Rules, SOPs, Standards, or Other	INSPECTI FOR TRA KCMIL / : (REVISIO TRACTIO DRAWIN	TIVE MAINTE ON (PMI) CK FEEDER C 1500 KCMIL N 4, JUNE 16 N POWER DI G (DD-TP-SS I 0, AUGUST	ABLE - 1000 5, 2015) ESIGN I-013,)										
Inspection Location	Main Track	Yard	Station	осс	RTA Facility	FTA Office	_ Track Type		At-grad	At-grade Tunnel		Ele	vated	N/A
	Х												Х	
Line(s)	C-Line	Track	Number	Tra 1		Marker Station(s)	(s) CM 592+0		From CA			To M 592+00		
Vehicles	Head Car Number Number of Cars N/A N/A Equipment Compression 0							Connector (Lug) Rep	laceme	ent			
Description	FWSO inspectors observed WMATA's power department and electrical contractors performing replacement of a corroded compression connector (lug) located in an orange boot. During the inspection, FWSO Inspectors observed the contractor's replacement of the compression connector, which was completed per								Number of Defects					0
									Recommended Finding?					No
									Remedial Action Required?					No
	the Traction Power Design Drawing (DD-TP-SSI-013) detail for "Cable Connector Assembly." The FWSO Inspector and WMATA personnel did not note any defects during the replacement process.							Recommended Reinspection?					No	
Remedial Action	N/A													



FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170412-WN	// ATA \/	VD 4				
inspection bate	2017	04	12				V P - 4				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	POWR	Sub- Dep	artment	СМ			
		Name		Email	Office Phone	е	N	1obile Phone			
	Mich										
Rail Agency Department Contact Information											
Contact information											
Inspection Location	Surge #13 W	Surge #13 Work Area –Eisenhower Ave Station (C14) to Huntington (C15) to King Street (C13) to Braddock Road (C12)									
	Surge #13 W	ork Area – Va	n Dorn (J02) to	Alexandria Yard (C99) to	Eisenhower Ave Stati	on (C14)					

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	20				
Defects (Number)	0	8				
Recommended Finding	No	Yes				
Remedial Action Required ¹	No	Yes				
Recommended Reinspection	No	Yes				

Activity Summaries

Inspection Activity #	1	Inspectio	1 Sub	ject		Eiser	hower Ave	(C14) – Safet	у В	Briefing	Activity Co	de	T	Р	JSB	OBS
Job Briefing Employee Name/Title	SafeT	rack Dedic	ited S	Safety Brief	er		mpanied ector?	Yes		Out Brief Conducted	Yes	Time	080 15		Outside Shift	Yes
Related Reports						Related CAPS / Findings										
Deleted Delete CODe	Ref					Rule	or SOP	Standard			Other / T	itle		Check	list Refer	ence
Related Rules, SOPs, Standards, or Other																
Inspection Location	Maii Trac	l Yai	d	Station	C	occ	RTA FTA Facility Office		Т	rack Type	At-grade	e Tur	nel	Elev	ated	N/A
	Х									,,	x	2	<	>	(
Line(s)	C-Line		rack I	Number		N/A	Chain N	/larker			From			То		
Line(s)	J-Line		rack i	vumber		IN/A	and/or	Station(s)		N/A			N/	Ά		
	Hea	d Car Num	ber	Numl	oer c	of Cars										
Vehicles		N/A			N/A	١	Equip	nent	N	N/A						
		•		-		•	briefing from the Surge 13 briefing table. All Number of Defects 0						0			
Description		•			ent (PPE) and roadway worker protection (RWP) IDs ng limits were reviewed. The briefer covered the							No				
	Were	cricciceu ai	ia tiic	, working in	111113	WCICI	CVICVVEG. III	or briefer con	v CT	ca tric	Remedia	l Action R	equire	ed?		No

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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headqu Date: 2017.04.18 18:14:56 -04'00'	Date arters, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Tino Sahoo		



	locations, types of work taking place, as well as the nearest hospital and safety rule of the day. FWSO personnel were provided a bracelet indicating their receipt of the briefing and were granted access to the roadway. No exceptions were taken.	Recommended Reinspection?	No
Remedial Action	N/A		

N POWER DE G (DD-TP-SSI N O, AUGUST RING MODIF TIONS (EMI) ON, AND TRA CABLES REPLA WIDE (REVISIO BER 16, 2016) ND STRUCTU DOO TRACK M PECTION MA N 7, MARCH	ESIGN II-013, 1-2001) FICATION IF FOR JUMPI ANSITION ACEMENT ION 2, 5) JRES DIVISION MAINTENAN ANUAL	Rela Rule	ompanied ector? ited CAPS / I	Yes Findings Standard	Out Brief Conducted	Yes Other / T	Time	0800- 1530 Che	Outside Shift cklist Refer	Yes
G (DD-TP-SSI N O, AUGUST RING MODIF TIONS (EMI) ON, AND TRA CABLES REPLA WIDE (REVISIO SER 16, 2016) ND STRUCTU 000 TRACK M PECTION MA N 7, MARCH	II-013, II-013, II-013, III-013, IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Rule ER,				Other / T	ritle	Che	cklist Refer	ence
G (DD-TP-SSI N O, AUGUST RING MODIF TIONS (EMI) ON, AND TRA CABLES REPLA WIDE (REVISIO SER 16, 2016) ND STRUCTU 000 TRACK M PECTION MA N 7, MARCH	II-013, II-013, II-013, III-013, IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ER,	or SOP	Standard		Other / T	ïtle	Che	cklist Refer	ence
N O, AUGUST RING MODIF TIONS (EMI) ON, AND TRA CABLES REPLA WIDE (REVISIO BER 16, 2016) ND STRUCTU 000 TRACK M PECTION MA N 7, MARCH	FICATION FICATION FOR JUMPI ANSITION ANSITION ANSITION JUMPI ANSITION ANSITION ANSITION FOR JUMPI ANSITION ANUAL JUMPI J	DN								
TIONS (EMI) ON, AND TRA CABLES REPLA WIDE (REVISION SER 16, 2016) ND STRUCTU OOO TRACK M PECTION MA N 7, MARCH	FOR JUMPI ANSITION ACEMENT ION 2, 5) JRES DIVISIO MAINTENAN ANUAL I 2017)	DN								
000 TRACK M PECTION MA N 7, MARCH	MAINTENAN ANUAL I 2017)									
Yard	Station									
		осс	RTA Facility	FTA Office	Track Type	At-grade			evated	N/A
X						Х	Х		Х	
C-Line J-Line Track Number Track 1&2				Vlarker · Station(s)	Eisenhow Van Dorn	From er Ave (C14) (J02)			To k Road (C1 wer Ave (C1	,
ar Number	Num	ber of Cars						4		
N/A		N/A	Equip	ment	Traction Pov	ver Cables/E1	S Boxes/3	^a Rail Infras	structure	
wing new de	efects were	observed,	, and there v	were no colo	r-coded	Number	of Defects			8
ns noted:						Recomm	ended Find	ling?		Yes
(2 CM 593+0	00 Hoot sl	arink on a c	conduit ctub	un noods ro	nlacomont1	Remedia	l Action Re	quired?		Yes
2 CM 592+C 3 1 CM 592+C 3 2 CM 658+C 3 1 CM 658+C 4 2 CM 567+C 5 2 CM 585+C 4 side of the 5 1 CM 555+C 9 defects we nours. — ove remedial DRAWING (DI	00 – Heat sl 00 – Heat sl 00 – Emerge 00 – ETS blu 00 – A feed 00 – Expans 2 3rd rail ³ . 00 – The 3rd ere to be fix I actions sho DD-TP-SSI-01	nrink on a contrink on a contr	conduit stub conduit stub conduit stub cation (ETS) b ut ² . eds to be re need to be r opproach need cutover to re compliance w MAINTENAN	-up needs re -up needs re -up needs re blue light is o -welded to the replaced and ds replacement evenue service with: TRACTIC T 2001) deta	placement ¹ . placement ¹ . placement ¹ . ut ² . ne 3 rd rail ³ . moved to the ent ⁴ . ce on 4/13/17 DN POWER il "Cable IND PECTION	Recomm	ended Reii	nspection?		Yes
)))))	ours. re remedia RAWING (E Assembly e remedial RES DIVISIO (REVISION	ours. re remedial actions sho RAWING (DD-TP-SSI-01 Assembly" e remedial actions sho RES DIVISION – TRST 10 (REVISION 7, MARCH 2 or broken lights and blo	ours. re remedial actions should be in control of the control of	ours. re remedial actions should be in compliance we rest DIVISION – TRST 1000 TRACK MAINTENAL (REVISION 7, MARCH 2017), 105.10 emergency broken lights and blue globes and note on	ours. re remedial actions should be in compliance with: TRACTIO RAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) deta Assembly" e remedial actions should be in compliance with: TRACK A RES DIVISION – TRST 1000 TRACK MAINTENANCE AND INS (REVISION 7, MARCH 2017), 105.10 emergency trip station or broken lights and blue globes and note on inspection re	re remedial actions should be in compliance with: TRACTION POWER RAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) detail "Cable Assembly" e remedial actions should be in compliance with: TRACK AND RES DIVISION – TRST 1000 TRACK MAINTENANCE AND INSPECTION (REVISION 7, MARCH 2017), 105.10 emergency trip stations (ETS) or broken lights and blue globes and note on inspection report for	Recomm The remedial actions should be in compliance with: TRACTION POWER RAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) detail "Cable transport Assembly" The remedial actions should be in compliance with: TRACK AND RES DIVISION — TRST 1000 TRACK MAINTENANCE AND INSPECTION (REVISION 7, MARCH 2017), 105.10 emergency trip stations (ETS) or broken lights and blue globes and note on inspection report for	Recommended Rein re remedial actions should be in compliance with: TRACTION POWER RAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) detail "Cable "Assembly" re remedial actions should be in compliance with: TRACK AND RES DIVISION – TRST 1000 TRACK MAINTENANCE AND INSPECTION (REVISION 7, MARCH 2017), 105.10 emergency trip stations (ETS) or broken lights and blue globes and note on inspection report for	Recommended Reinspection? The remedial actions should be in compliance with: TRACTION POWER RAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) detail "Cable that Assembly" The remedial actions should be in compliance with: TRACK AND RES DIVISION – TRST 1000 TRACK MAINTENANCE AND INSPECTION (REVISION 7, MARCH 2017), 105.10 emergency trip stations (ETS) or broken lights and blue globes and note on inspection report for	Recommended Reinspection? The remedial actions should be in compliance with: TRACTION POWER RAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) detail "Cable to Assembly" The remedial actions should be in compliance with: TRACK AND RES DIVISION — TRST 1000 TRACK MAINTENANCE AND INSPECTION (REVISION 7, MARCH 2017), 105.10 emergency trip stations (ETS) or broken lights and blue globes and note on inspection report for





³The above remedial actions should be in compliance with: ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016).

⁴The above remedial action should be in compliance with: TRACK AND STRUCTURES DIVISION – TRST 1000 TRACK MAINTENANCE AND INSPECTION MANUAL (REVISION 7, MARCH 2017), section "107.7.4 Inspection Standards (3rd Rail), "End Approaches."

Other Notable Observations:

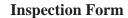
- TRK 2 CM 582+00 The 3rd rail is missing a cover board.
- TRK 2 CM 602+00 The conduit encasing cables from the heat trace panel to the track bed are broken.
- TRK 2 CM 606+00 The 3rd rail post insulator is compromised.
- TRK 2 CM 662+00 There are cables lying on the ground.
- TRK 2 CM 673+00 There are cables lying on the ground.
- TRK 2 CM 640+00 There are cables lying on the ground. The cable pigtails should be upgraded to 2 kV.
- TRK 2 CM 639+00 There are cables lying on the ground. The cable pigtails should be upgraded to 2 kV.
- TRK 2 CM 619+00 Remove heater tape shoe box from trackside.
- TRK 1 CM 606+00 One power cable is too close to the 3rd rail.
- TRK 2 CM 577+00 Garbage and debris need to be removed from in between the tracks.
- TRK 2 CM 530+00 The ETS panel front cover is missing.
- TRK 2 CM 522+00 Remove heater tape shoe box from trackside.

FWSO will follow up to confirm the conclusion of the work.

To achieve compliance with WMATA's requirements:

Remedial Action

- WMATA must install heat shrink on the conduit-stub up (TRK2, CM 593+00).
- WMATA must install heat shrink on the conduit-stub up (TRK 2, CM 592+00).
- WMATA must install heat shrink on the conduit-stub up (TRK 1, CM 592+00).
- TRK 2 CM 658+00 WMATA must relamp or fix the ETS blue light (TRK 2, CM 658+00).
- TRK 1 CM 658+00 WMATA must relamp or fix the ETS blue light (TRK 1, CM 658+00).
- WMATA must reweld the feeder cable to the 3rd rail (TRK 2, CM 567+00).
- WMATA must replace the expansion cables and move them to the field side of the 3rd rail (TRK 2, CM 585+00).
- WMATA must replace the 3rd rail end approach (TRK 1, CM 555+00).





FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170414-WN	// T/ \/	VD 1	
inspection date	2017	04	14	Report Number	20170414-001	VIA I A-V	VP-I	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	POWR	Sub- Dep	partment	CBL. IN.
	l	Name		Email	Office Phone	е	N	Nobile Phone
Rail Agency Department Contact Information								
Inspection Location	Rockville (A1	.4) to Twinbro	ok (A13), Track	2				

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-WI-OBS					
Inspection Units	1					
Inspection Subunits	22					
Defects (Number)	4					
Recommended Finding	Yes					
Remedial Action Required ¹	Yes					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1 Ins	pection Sul	oject	Walking	g Observatio	n (Cable Insp	pection)	Activity Co	de	TP	WI	OBS
Job Briefing Employee Name/Title		RWIC Watchman/ Documente		Accomp		Yes	Out Brief Conducted	Yes	Time	1000- 1400		No
Related Reports	RWPM			Related	CAPS / Find	dings						
	Ref			Rule or	SOP	Standard		Other / T	itle		Checklist Ref	erence
Related Rules, SOPs, Standards, or Other	DRAWING REVISION ENGINEE INSTRUCT JUMPER,	N POWER DI G (DD-TP-SS O, AUGUST RING MODII FIONS (EMI) EXPANSION	I-013, 2001) FICATION FOR , AND									
	REPLACEI	ON POWER MENT SYSTE N 2, SEPTEN	MWIDE									
Inconcetion I coeffee	Main Track	Yard	Station	осс	RTA Facility	FTA Office	Tunels True	At-grade	e Tur	nnel	Elevated	N/A
Inspection Location	Х						Track Type	Х				

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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, 0=U.S. Government, ou=DOT Headqual Date: 2017.04.19 09:54:45 -04'00'	Date ters, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Tino Sahoo		



Line(s)	A-Line	Track N	umber	2	Cŀ	nain Marker	ſ	rom		То
Lilie(5)	A-LITTE	HACKIN	unibei		ar	nd/or Station(s)	Rockville (A14	1)	Twinbrook (A1	3)
Vehicles	Head Car N	lumber	Numbe	er of Cars		Equipment	N/A			
	N/A			N/A						
	-					e hot spots, hazards, i iide were used as pai		Number of Defec	ts	4
				-		safety briefing.	t of the	Recommended Fi		Yes
								Remedial Action	Required?	Yes
Description	TRACTION P 2001) detail noted: TRK 2 C (See Fig TRK 2 C Figure : TRK 2 C	CM 788+00 (gure 1.) (CM 787+00 (boot mee CM 737+00 (3.) (CM 701+00 (M 757+00 (CM 738+00 (CM 738+00)	SIGN DRAW nnector As: 1 — Heat shr 2 — Neoprer It is compro 2 — Heat shr 3 — Heat shr 4 — Heat shr 4 — Heat shr 5 — Cables w 6 — Cables w 7 — Cables w 7 — Cables w 8 — Cables w 9 — Cables w	rink needs me sleeve (simised. (Seink needs rink needs	rep sea a see F rep rep on t to on t	the ballast. the ballast. the ballast. the ballast. the ballast. The ballast. The tempt to be replaced. the ballast.	AUGUST led conditions It stub-ups. It stub-ups. It stub-up. (See It stub-up. (See It stub-up ties It cover board It cover board It cover board It cover board	Recommended R	einspection?	Yes
Remedial Action	WMAT.WMAT.	A must re A must re A must re	olace heat s olace neopr olace heat s	hrink on t ene sleeve hrink on t	he o e (so he o	ents: conduit stub-ups (TR ealing collar) where t conduit stub-up (TRK conduit stub-up (TRK	the cable pigtail 2 CM 737+00).		eet (TRK 2 CM 78	7+00).

Form FTA-IR-1



FIGURE 1 - TRK 2 CM 788+00 – HEAT SHRINK NEEDS REPLACEMENT ON CONDUIT STUB-UPS.



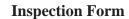
FIGURE 2 - TRK 2 CM 787+00 - NEOPRENE SLEEVE (SEALING COLLAR) WHERE CABLE PIGTAIL AND ORANGE BOOT MEET IS COMPROMISED.



FIGURE 3 - TRK 2 CM 737+00 - HEAT SHRINK NEEDS REPLACEMENT ON CONDUIT STUB-UP.



FIGURE 4 - TRK 2 CM 701+00 – HEAT SHRINK NEEDS REPLACEMENT ON CONDUIT STUB-UP.





Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	2017	0414 \	/MATA-	W/D 2
Inspection Date	2017	04	14	Report Number	2017	U414-W	/IVIATA-	VVP-Z
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	RTRA	Sub- Dep	partment	N/A
		Name		Email	Office Phone	e	N	Mobile Phone
Rail Agency Department Contact Information								
Inspection Location	E Line							

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Insp	ection Subj	ect	Rail Con	npliand	ce Inspection	n		Activity Co	ode	RTF	RA	RI	OBS	
Job Briefing Employee Name/Title	N/A			·			ector?	No	Out Brief Conducted	No	Time	1100 1500		Outside Shift	No	
Related Reports	N/A					Rela	ted CAPS / I	indings	N/A							
	Ref			F	Rule or SOP Standard					Other / T	itle		Checklist Reference			
Related Rules, SOPs, Standards, or Other	and F Hand Perm	MSRPH 1.46-1.5 1.69-1.8 MSRPH 3.87 Handbook Permanent Order No. T- 16-07 3.119, 3 3.121,3. 3.141				2 I Operati 120, 121.1, I	ing Rules									
lucus ation I assticus	ion Location Main Yard Station X X		ion OCC RTA		RTA Facility	FTA Office	Tuesda Taura	At-grade Tu		nnel	Ele	evated	N/A			
Inspection Location							Track Type						Х			
Line(s)	E Line	е			N/A					From		То		То		

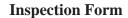
¹ The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, o Date: 2017.04.19 09:47:56 -04'00'	u=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Chris Difatta		





	Tra Nui	***			nain Marker nd/or Station(s)	Greenbelt (E10))	L'Enfant Plaza	(F03)
Walatalaa	Head Car Numbe	r	Number of Cars		-	N1 / A			
Vehicles	N/A		N/A		Equipment	N/A			
					eight trains between		Number of Defect	:s	0
	(E10) and L'Enfant announcements, to	•			oserved train handlin	g,	Recommended Fi	nding?	No
	armounicements, c	u	communication	, an	a natices for daty.		Remedial Action F	Required?	No
Description	• FWSO I Zones/I Totten Operati	nspector dassing Ro Stations. ng Rule 3 erator ac orn blasts	observed Train opadway Workers The train operat .87 and Perman	Ope s be tor v	erations through Worktween West Hyattsv was compliant with N Order No. T-16-07, F Signals and responder	k ille and Fort //SRPH Rev 1. The	Recommended Re	einspection?	No
Remedial Action	N/A								





FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170415-WN	// ATA \/	VD 1			
inspection bate	2017	04	15	Report Number	20170415 WWATA WI 1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub- Department TPRO			TPRO		
		Name		Email	Office Phone		N	1obile Phone		
Rail Agency Department Contact Information										
Contact information										
Inspection Location	Surge 14 – Greenbelt (E10) to PG Plaza (E08)									

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-RWP-OBS	TRK-RWP-OBS	TRK-GEN-OBS	TRK-GEN-OBS		
Inspection Units	1	1	1	1		
Inspection Subunits	1	20	1	1		
Defects (Number)	0	0	0	0		
Recommended Finding	No	No	No	No		
Remedial Action Required ¹	No	No	No	No		
Recommended Reinspection	No	No	No	No		

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Roadwa	y Worke	er Protecti	on – Job Safe	ety Briefing	Activity Co	ode	TR	K	RWP	OBS
Job Briefing Employee Name/Title	TRST U	nit #5191			Accom	npanied ctor?	No	Out Brief Conducted	Yes	Time	0630 131	-	Outside Shift	Yes
Related Reports					Related CAPS / Findings									
	Ref	Ref Rule o			OP		Standard		Other / T	itle		Che	cklist Refe	ence
Related Rules, SOPs, Standards, or Other	RWPM	WPM												
	MSRPH	1												
	Main Track		Statio	on C	ОСС	RTA Facility	FTA Office	T	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location	Х							Track Type	Х	х х		х		
								From			То			
Line(s)	E-Line	Track		tracks :	· .	Chain Ma		E1 CM682+85	5		E1 CM451+28			
Line(3)	L LINC	Numbe	er	and 3		and/or St	ation(s)	E2 CM451+19	9		E2 CM683+85			
								E3 CM656+80)		E3 CN	И 559-	+20	
Vahialaa	Head	Car Number	N	Number c	of Cars	Faurin		NI/A						
Vehicles		N/A		N/A		Equipment		N/A						

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headqu Date: 2017.04.19 09:37:42 -04'00'	arters, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Winslow Powell, Lee Emard, Robert Maniuszko		
	, , , , , , , , , , , , , , , , , , , ,		



	The FWSO team received a job safety briefing at Greenbelt (E10) Station. The	Number of Defects	0
	briefing was comprehensive. Multiple opportunities to ask questions were provided.	Recommended Finding?	No
	provided.	Remedial Action Required?	No
Description	The following is a summary of the items covered during the briefing: • Hot Spots – A list of hot spots was shown to each roadway worker during the job safety briefing. The hot spot discussed —as described in the access guide—included: o curve: restricted view o interlocking o no clearance o fence/interlocking • Mobile Command is the roadway worker in charge (RWIC) for the working limits. The Mobile Command specifics are: O They will monitor and communicate on OPS #12. O They can be reached via landline at 202-617-3300. O They hold the red tags for the working limits. The tag numbers are 2017105513A and 2017105514A. O All movement of roadway maintenance machines are controlled by the Mobile Command. O No one may access the roadway without contacting the Mobile Command. Job site hazards — Work zone hazards were discussed. The following is a list of the hazards discussed: o trip hazards o roadway maintenance machine movement o poor lighting o weather — temperatures will be elevated; hydration is necessary. o noise o dust Safety rule of the day — Rule 4.183: "When it is necessary for employees to walk beyond the platform end gate where the walkway is not protected by a handrail, or to walk or work on tracks around moving trains or track equipment, they shall:"	Recommended Reinspection?	No
Remedial Action	N/A		
Remedial Action	IN/A		

Inspection Activity #	2 lı	nspection Sub	ject	Roadwa	y Worke	er Protecti	on – Work Z	one Set-up	Activity Co	ode	TR	K	RWP	OBS
Job Briefing Employee Name/Title	TRST Ur	nit #5191			Accompanied Inspector?		No	Out Brief Conducted	Yes	Time	0630 131	-	Outside Shift	Yes
Related Reports					Related CAPS / Findings					,		·		
	Ref			Rule or S	ОР		Standard		Other / Title			Check	dist Refer	ence
Related Rules, SOPs,	RWPM													
Standards, or Other								Surge 14.1 (E08-E Shutdown April 1 2017						
	Main Track	Yard	Stati	ion C	СС	RTA Facility	FTA Office		At-grade	e Tur	nnel	Elev	ated	N/A
Inspection Location	Х							Track Type	Х	x		;	x	
								From			·		То	
Line(s)	E-Line	Track		tracks 1	1,2	Chain Ma	rker	E1 CM682+85	1 CM682+85 E			E1 CM451+28		
Line(3)	L LINC	Numb	er	and 3		and/or St	ation(s)	E2 CM451+19)		E2 CN	1683+8	5	
								E3 CM656+80)) E		/1559+2	.0	
Mahialaa	Head	Car Number	1	Number o	of Cars	Fauria		N1 / A						
Vehicles	N/A		N/A	ı	Equipment		N/A							
Description								Number	of Defect	s			0	

Form FTA-IR-1

Version date: 8/26/16 2



	The FWSO Inspection Team verified the Roadway Worker Protection (RWP) work	Recommended Finding?	No
	zone protections as per the Surge 14.1 Shutdown Map. The following elements were visually inspected and verified:	Remedial Action Required?	No
	 Barrier with E-Flares, shunt – chained and locked, E1 CM682+85 Barrier with E-Flares, shunt – chained and locked, E1 CM683+85 Work mat and E-Flares, E1 CM682+35 Work mat and E-Flares, E2 CM683+35 Clamp, E1 CM661+44 Clamp, E2 CM661+44 Clamp, E2 CM657+23 Clamp, E2 CM657+23 Work mat and E-Flares, E3 CM656+80 Clamp, E2 CM653+62 Clamp, E3 CM651+62 (Approx.) Work mat and E-Flares, E3 CM559+20 Clamp, E1 CM531+54 Clamp, E2 CM531+54 Clamp, E2 CM528+08 Work mat and E-Flares, E1 CM451+78 Barrier with E-Flares, shunt – chained and locked, E1 CM451+28 Barrier with E-Flares, shunt – chained and locked, E2 CM451+19 Work mat and E-Flares, E2 CM451+69 	Recommended Reinspection?	No
Remedial Action	N/A		I

Inspection Activity #	3	Inspec	tion Sub	ject	Mobile Command Activity Code TRK G							GEN	OBS			
Job Briefing Employee Name/Title	TRST U	Jnit #51	191				ompanio	ed	No	Out Brief Conducted	Yes	Time	063		Outside Shift	Yes
Related Reports						Rela	ted CAF	PS / F	indings							
	Ref				Rule	or SOP			Standard		Other / T	Other / Title Checkl				rence
Related Rules, SOPs, Standards, or Other	RWPN	RWPM														
Standards, or Other	MSRPI	Н														
luonostion Location	Main Track	,	Yard	Stat	ion	осс	RT/ Facili		FTA Office	Total Total	At-grad	e Tu	nnel	Ele	vated	N/A
Inspection Location	Х									Track Type	х		X		Х	
		From					•			То						
Line(s)	E-Line Track				cks 1,2	Chain Marker		E1 CM682+85	5		E1 CN	M451+	28			
		Number		er	and 3 and/o			and/or Station(s) E2 CM451+19					M683+			
							E3 CM656+80)		E3 CN	M559+	·20		
Vehicles	Head	d Car Nu	umber		Numb	er of Cars		quipn	nent	N/A						
		N/A				N/A				•						
									at was locat		Number	of Defect	ts			0
		_		•		tion. The sibilities.	inaiviau	iais wi	ithin provid	ea an	Recomm	ended Fi	nding?			No
					•						Remedia	l Action I	Require	ed?		No
Description	•	following is a list of some of their duties: • Ensure proper roadway protections are installed and maintained throughout the shutdown. The staff stated that they have a valid staff member working with them who is responsible for ensuring that the set-up is proper on a daily basis. • Radio transmissions are monitored for the work zone. • The Mobile Command controls red tags. The keys for the lock-out/tagout are kept in a locked box within the vehicle.														



	 Mobile Command controls equipment movement within the work limits. Individual gang leaders for specific work areas within the working limits control vehicle movement within their areas. An overview map is kept to indicate the different work areas and the gang leader responsible for the area. Each individual with Mobile Command keeps a handwritten log of his or her activities. This log is entered in a computer-based log as time permits. The signed map of the working limits is kept at the Mobile Command Center. NOTE: No exceptions were taken by the team regarding the Mobile Command 	
	activities or duties.	
Remedial Action	N/A	

Inspection Activity #	4	Inspection Su	bject	General	Observ	ations			Activity Co	ode	TR	RK	GEN	OBS
Job Briefing Employee Name/Title	TRST U	Jnit #5191			Accon	npanied ctor?	No	Out Brief Conducted	Yes	Time	063 13		Outside Shift	Yes
Related Reports					Relate	ed CAPS /	Findings					,		
Deleted Dilete CODe	Ref			Rule or S	ОР		Standard		Other / 1	itle		Check	dist Refe	ence
Related Rules, SOPs, Standards, or Other	RWPN	1												
	MSRPI	Н												
Inspection Location	Main Track	Vard	Stati	on C	СС	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	rated	N/A
mspection Eccution	Х							rrack type	Х		Х		x	
									From				То	
Line(s)	E-Line	Track Numb		tracks 3	1,2	Chain Ma		E1 CM682+85				M451+2		
		Numi	er	anu 3		and/or St	ation(s)	E2 CM451+19 E3 CM656+80				M683+8 M559+2		
	Head	d Car Number		Number o	of Cars			L3 CIVIO30+80	J		L3 CI	VI333+2	.0	
Vehicles	ricut	N/A	,	N/A		Equip	ment	N/A						
									Number	of Defect	ts			0
		NSO team obse Unit 73 and the			_	4 area. The	e team was e	escorted by	Recomm	ended Fi	nding?			No
	Track (Offic 75 and the	iii iiuci	K OIIIC OI	, J.				Remedia	l Action I	Require	ed?		No
Description	The FV Other This no	uled activities. Crossties A convoy from Gree Station w during thi vehicle m The team working li working o tie plates. The team distributir exception	The tea and oth block menbelt Y as obse s move. ovemer walked mits on n the ri No exc crossect g new s were observe No exce did not	am observater mater movement for district the large mater and the large mater at the large material in the large material in the large material materia	red: ials stag t of num the wor team v m took r rehicle o portal G.W. Pe the are vere no track 2 for bot ures on vere not y defect	ged along to the rous piece of the limits and the limits and the limits and the limits and the limits at College exples emples of CM45 ted. The limits and observable the right track 2 peted. Its during of the limits and limits and limits and limits and limits and limits and limits are limits and limits and limits and limits and limits are limits and limits and limits and limits are limits and	he roadway. tes of roadw d down to the ride the lea on to the rac sist. Park to the oloyees were 52+00. They red WMATA and left rail forming lea bservations	ray equipment the College Park d equipment dio calls or end of the observed were replacing TRST staff . No k mitigation		ended Re	einspec	ction?		No





	cables were originally connected to two yard leads that are identified as: YCR002 and YCR143. The team was informed during the morning WMATA briefing conference call that these cables were cut by WMATA staff as to prevent any chance of inadvertent energization due to a third rail bridge from an energized yard third rail. This measure adds an additional level of protection to the working limits.	
Remedial Action	N/A	



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	2017	0417 \	/N // A T A	M/D 1
inspection date	2017	04	17	Report Number	2017	U417-VV	/MATA-	VVP-I
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	RTRA	Sub- Dep	artment	N/A
		Name		Email	Office Phon	е	N	Nobile Phone
		_						
Rail Agency Department Contact Information								
Contact information								
Inspection Location	Red Line, Me	etro Center (A	01) to Shady Gr	ove (A15)				

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	EMGT-GEN-PI					
Inspection Units	1					
Inspection Subunits	15					
Defects (Number)	2					
Recommended Finding	No					
Remedial Action Required ¹	No					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1 I	nspection Sub	ject	Fire Life	Safety	y Inspection			Activity Code		EMGT		GEN	PI
Job Briefing Employee Name/Title	N/A	/A			ector?	No	Out Brief Conducted	No	Time	0600- 1400		Outside Shift	Yes	
Related Reports	201703	170321-WMATA-WP-1			Rela	ted CAPS / I	Findings	N/A						
	Ref			Rule or S	ЮР		Standard		Other / T	itle		Check	klist Refer	ence
Related Rules, SOPs, Standards, or Other	and Pro Handbo	ail Safety Rule cedures ook ent Order No.	T-	SOP# 1A SOP# 8 SOP# 5 MSRPH 0 1.12		l Rule			OSHA Sta 1910.157	andard CF 7 (e) (2)	R			
	Main Track	Yard	Stati	on C	ОСС	RTA Facility	FTA Office		At-grad	e Tui	nnel	Elev	vated	N/A
Inspection Location			х					Track Type						х
Line(s)	Red Lin	Track		N/A		Chain Ma	rker		From		·		То	
Line(3)	nea Liii	Numb	er	14/ /		and/or St	ation(s)	Metro	Center (A01	.)		Shady	y Grove (A	15)
Vehicles	Head	Car Number	1	Number o	of Cars	Equip	ment	N/A						

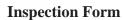
The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=U.S. Government, ou=DOT Headquarters, ou=FT. Date: 2017.04.20 15:21:51 - 04'00'	AHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Chris Difatta		





	N/A	N/A				
	•	nducted Fire Life Safety	•		Number of Defects	2
		(A01) to Shady Grove (A ed that each station had	, .	· · · · · · · · · · · · · · · · · · ·	Recommended Finding?	No
	•	extinguishers, and that t	•	•	Remedial Action Required?	No
Description	(MSRPH) and Emergen emergency. The following new def conditions noted: Station mar Evacuation Rule 1.12) Station mar Evacuation Rule 1.12)	ects were observed, and larger was not in possessi Procedures at the Medic larger was not in possessi Procedures at the Clevel larger was the Clevel larger was not in possessi Procedures at the Clevel larger was not in possessi Procedures at the Clevel larger was not in possessi Procedures at the Clevel larger was not in possessi Procedures at the Clevel larger was not in possessi Procedures at the Clevel larger was not in possessi Procedures at the Clevel larger was not in possessi larger was not in p	es Manual for referer d there were no colo ion of the MSRPH or cal Center Station. (N ion of the MSRPH or land Park Station. (M	r-coded Emergency ISRPH General Emergency SRPH General	Recommended Reinspection?	Yes
Remedial Action	N/A					



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170418-WN	10T0 0	C 1	
inspection Date	2017	04	18	Report Number	20170416-001	VIA I A-A	.G-1	
Rail Agency Name	Washington Metropolitan Area Transit Authority		Rail Agency Department	POWR Sub- Department PMI			PMI	
	ı	Name		Email	Office Phone	e	N	Nobile Phone
Rail Agency Department Contact Information								
Contact information								
Inspection Location	Traction Pow	ver Substation	(TPSS) Columb	ia Heights (E04)				

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Sul	oject		- 13.8 kV AC Sw er Preventive N	Activity Code		TF	P RM	OBS		
Job Briefing Employee Name/Title	WMA	WMATA Electrician		Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Yes Time		- Outside Shift	No
Related Reports				R	elated CAPS / F	indings						
	Ref			Rule	or SOP	Standard		Other / 1	itle		Checklist Ref	erence
Related Rules, SOPs, Standards, or Other	TYPE (AND S DAY II	OR SIEMENS 13 GMI VACUUM E WITCHGEAR 7: NSPECTION (RE 20, 2013)	BREAKER 20/1090									
Inspection Location	_	Main Yard Station		occ	RTA Facility	FTA Office	Track Type	At-grade Tunnel		nnel	Elevated	N/A
moperation Eccation			Х				ack Type					Х
Line(s)	C-Line	Track	Number	N/A				From			То	

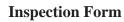
¹ The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure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

ADAM ANTHO	DIGITALLY SIGNED DIGITA
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo





				Chain Marker and/or Station(s)		TPSS Columbia	TPSS Columbia Heights (E04)		a Heights (E04)			
	Head Car No	umber	Numl	per of Cars								
Vehicles	N/A			N/A		Equipment	Siemens AC Ty	C Type GMI Vacuum Breakers and Switchgear				
		_				ower Substation for	FWSO	Number of Defect	ts	0		
	personnel. No	o issues o	r concerns	were noted	d.			Recommended Finding?				
	Two WMATA	high-volt	age powei	r electrician	s pe	erformed the preven	itive	Remedial Action I	Required?	No		
Description	switchgear. N AC-type GMI	laintenan vacuum b	ce was the reaker an	en performe d Switchgea	ed p ar 72	reakers on the Siem per the PMI for Siem 20/1090 day inspect d not note any defe	ens 13.8 kV ion.	Recommended Re	einspection?	No		
Remedial Action	N/A	•				,		1		1		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170418-WN	// ATA W	VD 1	
inspection bate	2017	04	18	Report Number	20170416-001	VIA I A-V	VP-1	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	Production
		Name		Email	Office Phone	e	N	Nobile Phone
		•						
Rail Agency Department Contact Information								
contact information								
Inspection Location	Surge 14 Wo	ork Area, Colle	ge Park Station				•	

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	nspection Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	RK	JSB	OBS
Job Briefing Employee Name/Title	Surge 1	.4 Briefing Tab	le			mpanied ector?	Yes	Out Brief Conducted	No	Time	140 163		Outside Shift	No
Related Reports	N/A			Related CAPS / Findings N/A				N/A						
	Ref				OP	Standard			Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPM	RWPM												
Stariaaras, or Strict	MSRPH													
Inspection Location	Main Track	Yard	Stati	on C	occ	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	evated	N/A
	Х								Х					
Line(s)	E-Line	Track		tracks	1	Chain Ma	rker		From				То	
Line(s)	E-LINE	Numb	er	and 2		and/or St	ation(s)	Prince Georg	e's Plaza (E0	8)	Gree	nbelt	(E10)	
Vehicles	Head	Car Number	1	Number o	of Cars									
		N/A		N/A	\	Equip	ment	N/A						
Description									Number	of Defect	:s			0

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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=U.S, o=U.S, Government, ou=DOT Headqua Date: 2017.04.20 15:25:09-04'00'	Date arters, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Winslow Powell, Troy Lloyd, Adam Giovando, Al Nepa, I	Vike Vitale	





	FWSO per	rsonnel recei	ved a j	ob safet	ty briefir	ng from the	briefing tab	le at	Recomm	ended Fi	nding?			No
		t (E10). All pe		•			•	•	Remedia	l Action I	Require	ed?		No
		•			•	, .		firmed by the			•			
		he briefing w rk area, inacc		_			•							
		and working		-				•						
	nearest h	ospital and a	ppropr	riate rad	lio chan	nel and ph	one number	for the Mobile	Recommended Reinspection?				No	
								charge (RWIC)	necommended nemspection.					
		ork area. Fina												
	-	l were given				_	brieted and							
Remedial Action	N/A	vere given permission to enter the work zone.												
nemedial Action	14/74	/A												
Inspection Activity #	2 Ins	2 Inspection Subject SafeTrack Work Zone Inspection Activity Code TRK WI PI												
Job Briefing								0.10:11			1.10	20		
Employee	Surge 14	Briefing Table	е		Inspe	mpanied	Yes	Out Brief Conducted	No	Time	140		Outside Shift	No
Name/Title					шэрс	ctor:		Conducted			10.	50	Jiiit	
Related Reports	N/A				Relat	ed CAPS /	Findings	N/A						
	Ref		F	Rule or S	SOP		Standard		Other / T	itle		Checkl	ist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPM													
Standards, or Other	MSRPH													
	Main					RTA	FTA							
	Track	Yard	Statio	on (occ	Facility	Office		At-grad	e Tu	nnel	Eleva	ted	N/A
Inspection Location	.,							Track Type	.,					
	X								X	X				
Lina/a)	Flina	Track		tracks	1	Chain Ma	rker		From				To	
Line(s)	E-Line	Numbe	er	and 2		and/or St	ation(s)	Prince George	e's Plaza (E0	8)	Gree	nbelt (E1	٥)	
	Head Ca	ar Number	N	lumber	of Cars									
Vehicles	N	N/A		N/A	4	Equip	ment	N/A						
	FWSO per	rsonnel inspe	cted th	he work	zone su	ırrounding	the College F	Park Station. In	Number	of Defect	te			0
								observed two						
	tie gangs	working on t	racks o	ne and	two bet	ween Gree	enbelt (E10) a	and College	Recomm				No	
		itionally, FW					· .		Remedia	I Action I	Require	ed?		No
		-	. ,					sonnel had the work was of						
	-			-		_	•	ing rail which						
		marked for r												
			astene	er renew	al, WM	ATA will be	performing	the following						
	during thi		runnin	og rail io	into									
Description	 Welding of running rail joints Replacement of third rail anchors 													
	•	Insulator re			aricitors				Recommended Reinspection?				No	
	•	Cover boar	d repla	cement	t				Recommended Remspections					
	•	Emergency	Trip St	tation (E	TS) box	inspection	and repair							
	•	Station edg		replace	ment									
	•	Leak mitiga												
	•	Fence line r		itation										
	•	Grout pad r Expansion,			nigtail	cable roots	cement							
	•	expansion,	เาสกรณ	ion, and	a higiali	cable repla	icement							
	No except	exceptions were taken during the inspection.												

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

Remedial Action

N/A



Photos:



WMATA tie replacement equipment



Engine burn defect noted for replacement



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170418-WI	// ATA W	VD 2	
inspection bate	2017	04	18	Report Number	20170416-001	VIA I A-V	VP-2	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	Car Maintenance	Sub- Dep	partment	Inspection
		Name		Email	Office Phon	e	N	Nobile Phone
Rail Agency Department Contact Information								
Inspection Location	Greenbelt Se	ervice and Insp	ection Facility (E99)				

Inspection Summary

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

Activity Summaries

		Inspection Subject	Snop Or	oservations – Gree	nbelt Yard		Activity Co	ode	VM		SI	PI
Job Briefing Employee N/ Name/Title	I/A			Accompanied Inspector?	No	Out Brief Conducted	No	Time	123 143		Outside Shift	No
Related Reports 20	20160624-WMATA-WP-1			Related CAPS / F	indings	N/A						
Related Rules, SOPs, Standards, or Other	nd Pi	oRail Safety Rules rocedures pook PH)	1.46-1.52 1.69-1.84 MSRPH (3.87 3.119, 3. 3.121,3.1 3.141	General Rules 2 4 Operating Rules	OSHA Stan 1926.100	dard	Other/T	Title Title		Che	cklist Refere	ence

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FTAH Date: 2017.04.21 14:28:12-04'00'), cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Tom Wozniak, Chris Difatta		





	Main Track	Yard	Station	осс	RTA Facility	FTA Office	T	At-grade	Tu	nnel	Elevate	d	N/A
Inspection Location					Х		Track Type						Х
Line(s)	N/A	Track Numbe	er N	/A	Chain Ma		N/A	rom		N/A	-	Го	
Vehicles	Head Car		Nun	nber of Cars	Equip	ment	N/A			14/7			
n	maintenand	ce personn	el. FWSO		oted that al	l mechanics	s performed by had the	Number of I Recommend Remedial Ad	ded Fi	nding?	d?		1 No No
Description	• 7	Three emp protection equipment "Bump hat action for	loyees we equipment This is not s shall be	nt (PPE) (i.e., oncompliant worn while	not wearin hard hats) with WMA working und	TA rule 4.5.1 ler vehicles.'	g under the . which states:	Recommend	ded Re	einspec	tion?		No



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170419-WN	11 T A V	VD 1	
inspection bate	2017	04	19	Report Number	20170419-001	VIA I A-V	VP-1	
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Car Maintenance	Sub- Dep	partment	Inspection
		Name		Email	Office Phone	е	N	Nobile Phone
Rail Agency Department								
Contact Information		1						
Inspection Location	Greenbelt Se	ervice and Insp	ection Facility (E99)				

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Sub	ject	Shop O	bservati	ons – Gree	nbelt Yard		Activity Co	ode	VM		SI	PI		
Job Briefing Employee Name/Title	N/A	N/A			Accor	npanied ctor?	No	Out Brief Conducted	Yes	Time	08:00 11:0		utside Shift	No		
Related Reports	N/A	N/A				ed CAPS / I	indings	N/A								
	Ref Rule o			Rule or S	OP		Standard		Other / T	itle		Checkli	st Refer	ence		
Related Rules, SOPs, Standards, or Other	MSRPI	4		SOP #12			N/A									
Staridards) or other																
	Mair Track	Yard	Stati	ion (осс	RTA Facility	FTA Office	T	At-grade	At-grade Tunr		At-grade Tunnel		Eleva	ted	N/A
Inspection Location						Х		Track Type						Х		
Line(s)	N/A	Track		N/A		Chain Ma	rker		From	·	·		То			
Lille(s)	IN/A	Numb	er	IN/A		and/or St	ation(s)	N/A			N/A					
w 1 · · ·	Head	l Car Number	- 1	Number o	of Cars			0 1 1/7								
Vehicles	6	036-6037		2		Equip	ment	Carbody/Truc	ck Hoist whe	ei cnocks						
Description		FWSO inspectors observed two cars being brought into the maintenance facility Number of Defects						1								
						ice and Inspection Facility. Observation was			Recommended Finding?			Yes		Yes		
	10 8556	o assess compliance with Standard Operating Procedures (SOP) #12 for Reme							Remedia	Remedial Action Required?				Yes		

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, Date: 2017.04.21 14:34:37 -04'00'	ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Tom Wozniak, Bill Hultsch		





	 "Movement of Rail Vehicle(s), into a Maintenance Facility". FWSO inspectors observed four WMATA car maintenance mechanics properly positioned as flag persons. This group is referred to as the "Rail Vehicle Movement Team" (RVMT). One train operator used for the move was also observed. The RVMT made all appropriate communications with the train operator and properly warned personnel in close proximity to the movement area of the incoming train. The train operator also made all appropriate safety stops on approach to the maintenance facility: stopped at the entrance door, opened the cab window as required, and waited for the primary flag person to signal him into the facility. Once inside the facility, the primary flag person ensured the train operator properly positioned the train on the car body/truck hoist. Then an assistant flag person properly placed the wheel chocks under the train wheels. The following new non-color-coded defect was observed: The train operator disembarked the train without applying one operational set of handbrakes after positioning the rail vehicle(s) in the maintenance facility as required by: SOP# 12 12.5.4.4. 	Recommended Reinspection?	Yes					
Remedial Action	To achieve compliance with WMATA'S requirements: Action WMATA must set the vehicle handbrakes in accordance with SOP# 12 12.5.4.4.							



FOIA Exemption: All (b)(6) Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170421-WMATA-AG-1						
inspection bate	2017	04	21	Report Number	20170421-001	20170421-WWATA-AG-1					
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	POWR	Sub- Department		СМ			
	ı	Name		Email	Office Phone	e	N	1obile Phone			
Rail Agency Department Contact Information											
contact information											
		Ī									
Inspection Location	L'Enfant Plaz L'Enfant Stat	. ,	on Power Subst	ation (TPSS) – Ohio Driv	re SW and Aerial Guide	way betwe	en Pentago	n Station (CO7) to			

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspe	ction Subj	ect	_	, ,	Switch (ET	tch (ETS) Relay Cabinet ance			ode	TI	P	RM	OBS
Job Briefing Employee Name/Title	WMATA Power Supervisor			Accor	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	0100 0500		Outside Shift	Yes		
Related Reports						Relate	ed CAPS / F	indings							
	Ref				Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refe	rence
Related Rules, SOPs, Standards, or Other															
Standards, or other															
	Ma Tra		Yard	Stati	on C	осс	RTA Facility	FTA Office		At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location	Х								Track Type					х	
	6111		- 1		l		Ob all and a			From		То			
Line(s)	F-Lin	e and e	Track Numbe	r	tracks and 2	1 Chain Marker and/or Station(s)			L'Enfant Plaza (F03) TPSS and Pentagon (C07) Aerial Track		L'Enfant Plaza (F03) TPSS and L'Enfant Plaza (F03) Aerial Track				
Vehicles	Hea	ad Car N	lumber	N	umber of Cars										
		N/A			N/A		Equipment Emergency Trip Switch (ETS) Relay Cabinet								

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

ADAM"ANTH(DIGITALLY SIGNED DIGITALLY SIGNED BY ADAM ANTHONY GIOVANDO DN: c=U.S. Government, ou=FRA FRAFtWorthTX, ou=DOT FRAFtWorthTX Date: 2017.05.03 11:58:06-05'00'	Date TX, cn=ADAM ANTHONY GIOVANDO
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo	





	The job safety briefing was comprehensive. The hot spots, hazards, clearance	Number of Defects	0
	areas, communication, and Roadway Access Guide were used as part of the discussion. No exceptions were taken to the job safety briefing.	Recommended Finding?	No
	discussion. No exceptions were taken to the job surety briefing.	Remedial Action Required?	No
Description	WMATA emergency trip switch (ETS) crew was troubleshooting the ETS relay cabinet to fix a relay. It was sending a constant trip ("open") signal to the DC feeder breaker #33 from relay 3 in the ETS relay cabinet at L'Enfant Plaza (F03) TPSS and DC feeder breaker #33 from relay 1 in ETS relay Cabinet at Pentagon (C07). Feeder breaker #33 was constantly being tripped or "opened" at L'Enfant Plaza (F03) TPSS as well as the adjacent TPSS at Pentagon (C07). The tripping of the DC feeder breakers at both TPSS (C07 and F03) de-energizes the portion of the 3 rd rail it feeds. The ETS trip mechanism of de-energizing the 3 rd rail had to be disabled and troubleshot during revenue service as it would have deadened the 3 rd rail. One crew was on the aerial guideway testing ETS boxes, another was at L'Enfant Plaza (F03) TPSS, and the third crew was located at Pentagon (C07) TPSS. Each portion of third rail in the system is fed from two different sources; in this case, two traction power substations (TPSS).	Recommended Reinspection?	Yes
	The FWSO Inspector and WMATA personnel did not note any defects.		
	Other Notable Observations: WMATA personnel were able to diagnose the problem as a bad wire between ETS boxes 19 and 21. No spare wires were available to replace the defective ones. The WMATA region crew will have to pull new wire between ETS boxes 19 and 21 during non-revenue service. Once new wire is pulled and connected, WMATA ETS crew will test the relays to ensure that they are working properly by not sending		
	an erroneous continual trip signal to feeder breaker #33 at L'Enfant Plaza (F03) TPSS and Pentagon (C07) TPSS. FWSO will follow up to confirm the conclusion of the work once issues have been corrected.		



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

Federal Transit Administration

United States Department of Transportation

Agency/Department Information YYYY MM DD **Inspection Date Report Number** 20170421-WMATA-AG-2 2017 04 21 Washington Metropolitan Area Transit **Rail Agency** CBL. IN. **Rail Agency Name** POWR **Sub- Department** Authority Department Name Email Office Phone Mobile Phone **Rail Agency Department Contact Information Inspection Location** Van Ness (A06) to Woodley Park (A04), Track 2

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 I	nspection Sul	oject	Walking	Observatio	n (Cable Insp	pection)	Activity Co	de	TP	WI	OBS	
Job Briefing Employee Name/Title	WMATA RWIC WMATA Watchman/Lookout WMATA Documenter		WMATA Watchman/Lookout		oanied or?	Yes	Out Brief Conducted	Yes	Time	1000- 1400		. No	
Related Reports	RWPM	RWPM			CAPS / Find	dings							
	Ref	Ref			SOP	Standard		Other / T	itle		Checklist Reference		
	TRACTION POWER DESIGN DRAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001)												
Related Rules, SOPs, Standards, or Other	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)												
Inspection Location	Main Track	Yard	Station	осс	RTA Facility	FTA Office		At-grade	Tur	nnel	Elevated	N/A	
	Х						Track Type		,	x			

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

ADAM ANTHO	DIGITAL SIGNATION DIGITAL SIGNATION DIGITAL SIGNATION OF THE PRAFT OF THE PROPERTY OF THE PROP	Date httx, cn=ADAM ANTHONY GIOVANDO
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo	





Line(s)	A-Line	Track N	umbor	track	Cha	ain Marker	F	rom		То
Line(s)	A-Line	Track IV	umber	2	and	d/or Station(s)	Van Ness (A06)	Woodley Park	(A04)
Vehicles	Head Car N	lumber	Numb	er of Cars		Equipment	N/A			
venicies	N/A	N/A N/A								
	The job safet		•		Number of Defect	:s	0			
	areas, comm discussion. N			•	t of the	Recommended Fi	No			
	alseassiem i	·o chooping	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Remedial Action I	Required?	No		
Description	prevent cable entered in a The FWSO Ir Notable Obs TRK 2 C cables TRK 2 C cables TRK 2 C FWSO will for have been compared to the compared t	e fires and database finspector and servations: CM 198+00 CM 197+00 CM 196+00 CM 151+00	arcing inci for nighttin and WMATA — Cables Iv — Trash ar — Cables Iv	dents. The ne cable re A personn ying on the od debris s ying on the	e picti epair (el did e con e con e con	proach WMATA has cures taken and issue crews to fix. In not note any defect acrete deck; Trash su- unding cables acrete deck; trash su- acrete deck	es noted were cts. urrounding rrounding	Recommended Re	einspection?	Yes
Remedial Action	N/A									



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170421-WN	// T/ \/	VD 1	
inspection date	2017	04	21	Report Number	20170421-001	VIA I A-V	NP-T	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub- Department Main			Maintenance
	l	Name		Email	Office Phone	е	N	1obile Phone
Rail Agency Department Contact Information								
Contact Information								
Inspection Location	C-Line betwe	een Huntingto	n (C15) and King	g Street (C13)				

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 In	spection Sub	ject	Roadwa	ıy Work	er Protecti	on – Job Safe	ety Briefing	Activity Co	ode	TR	K	RWP	OBS
Job Briefing Employee Name/Title		t # 6036, RW t # 6367, Ins _l			Accor	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports					Relat	ed CAPS / I	indings							
	Ref			Rule or S	r SOP Standard				Other / T		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPM													
	Main Track	Yard	Stati	on C	осс	RTA Facility	FTA Office	Total Total	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			Х					Track Type					х	
Line(s)	C-Line	Track		track 2		Chain Ma	rker		From			То		
Line(s)	C-Line	Numb	er	LI dCK 2		and/or St	ation(s)	Huntington (C15)		King S	Street	(C13)	
.,	Head C	ar Number	1	Number o	of Cars									
Vehicles						Equip	ment							
Description	_					_	on Station (C15) by TRST unit Number of De			of Defect	:s			1
Description	6036, wh	o also acted	as the	roadway	worker in charge (RWIC). The briefing was				Recommended Finding?					No

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

Inspector in Charge - Signature	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, c=US. Government, ou=DOT Headquai Date: 2017.04.27 06:59:13 -04:00'	Date ters, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name Winslow Powell	Inspection Team Alexander Nepa		

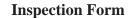




	fully compliant with the WMATA Roadway Worker's Protection Manual (RWPM)	Remedial Action Required?	No
	requirements. It included WMATA badge-level verification, type of protection, train approach warning (TAW), potential hazards, hot spots, and hospital location. During the briefing, the RWIC identified a location where a single watchman/lookout would not have the required sight distance for safe warning of approaching trains. He informed the work group that foul time would be called for at that location.		
	WMATA, RWPM-2014 defect, 2.7: The RWIC acting as the watchman/lookout did not have the required equipment (air horn) in his possession. The RWIC informed the FWSO Inspector that there were no air horns available at his headquarters. The FWSO Inspector took exception and phoned the WMATA SAFE Department member to confirm that an air horn was required to be available for employees. An air horn was later provided to the RWIC watchman/lookout prior to the work group entering the roadway.	Recommended Reinspection?	No
Remedial Action	• N/A		

Activity Summaries

Incompation Astinity #	2	lassa	antinu Cubi		Tue el		Llasassa	4:			A -4114 C-	a da		11/	CEN	INIC
Inspection Activity #	2	ınsp	ection Subj	ect	Track	k Genera	Inspec	tion			Activity Co	oae	TR	KK.	GEN	INS
Job Briefing Employee Name/Title			‡ 6036, RWI ‡ 6367, Insp		r		ompani ector?	ed	Yes	Out Brief Conducted	Yes	Time	1000		Outside Shift	No
Related Reports						Rela	ated CA	PS / F	indings							
	Ref Rule or SOP								Standard		Other / T	itle		Che	cklist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST-	1000	rev. 6													
Inspection Location	Maii Trac		Yard	Stat	tion	ОСС	RT/ Facil		FTA Office	Track Type	At-grade	e Tu	nnel	Ele	evated	N/A
mspection Location	х									паск туре	х		X		x	
12 (-)	6111		Track			La	Chain Marker				From	<u>.</u>			То	
Line(s)	C-Line	2	Numbe		trac	K Z	and/	or Sta	ation(s)	C15)		King	Street	(C13)		
	Hea	d Car	Number		Numbe	er of Car										
Vehicles							E	quipi	ment							
									VMATA Trac	•	Number	of Defect	is			1
			untington St to the inspe		٠,		_		on (C13). Th	e were no	Recomm	ended Fi	nding?			No
Danadatian	елсер	10113	to the mape	Ctoi	3 track	ODSCIVE	ition tec	miq	ues.		Remedia	l Action I	Require	ed?		No
Description	The fo	ollowi	ing new def	ect v	was obs	served, a	nd it w	as no	t a color-co	ded condition:						
			14/04/57/5	CT ·	1000 da	fact 12	2 1 <i>1</i> . ^+	tha C	15 06 cian	al, CM 622+00,	Recomm	ended Re	einspec	tion?		No
			the end cov			-	,,17. AL	tile C	-13-00 signe	ai, Civi 022+00,						
		To acl	hieve compl	ianc	e with '	WMATA	's requir	emer	nts:							
Remedial Action																
	'	•	WMATA mu	st re	eplace e	end cove	r board	at th	e C-15-06 si	gnal.						





Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170422-WN	//\T\ I	Г 1		
Inspection Date	2017	04	22	Report Number	20170422-001	VIA I A-L	L-T		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	Δ (Sub-Denartment Δ				
		Name		Email	Office Phone	e	Mobile Phone		
Rail Agency Department									
Contact Information									
Inspection Location	G-02 Capital	Heights ATC R	oom and track	circuit quarterlies.					

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection	Subject	Job S	afety Brie	efing				Activity Co	ode	АТ	С	JSB	OBS	
Job Briefing Employee Name/Title	ATC St	ıpervisor W	eekend	Day Shift	Acco		anied r?	Yes	Out Brief Conducted	No	Time	90 140		Outside Shift	No	
Related Reports	N/A				Rela	ted (CAPS / I	indings	N/A							
	Ref			Rule o	or SOP Standard					Other / T		Checklist Reference				
Related Rules, SOPs, Standards, or Other		000, 2000, 3 nd Inspectional		1012A	л,B,C					Track Cir	cuit Test					
	Main Track	Yard	St	ation	ОСС		RTA acility	FTA Office		At-grad	e Tui	nnel	Ele	evated	N/A	
Inspection Location	Х								Track Type			Х				
Lina(a)	G	Tra	ck	1 an	4 J	Ch	ain Ma	rker		From			То			
Line(s)	G	Nu	mber	T dil	1 2	an	d/or St	ation(s)	G1 355+00			G1 42	29+00)		
Vehicles	Head	d Car Numb	er	Numbe	r of Cars											
		N/A		N	/A	'A Equi p		ment	N/A							

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

Inspector in Charge - Signature	LEON FERGUSON JR Digitally signed by LEON FERGUSON JR Date DN: c=US, o=US. Government, ou=DOT FRAChicagoIL, ou=FRA FRAChicagoIL ou=FRA FRAChicagoI
Inspector in Charge – Name	Inspection Team
Leon Ferguson	Leon Ferguson





rederai Transii Ad	11111111111111111111111111111111111111	uion													
		rsonnel receiv				_	-		Number	of Defect	:S			0	
		r morning shif	-					•	Recomm	ended Fi	nding?			No	
Description							•	e, hotspots in 'SO personnel.	Remedia	l Action F	Require	d?		No	
		tions were tak				,	, , ,		Recomm	ended Re	einspect	tion?		No	
Remedial Action	N/A	N/A													
Inspection Activity #	2 Inc	2 Inspection Subject ATC Room and track circuit quarterly inspection Activity Code ATC WI OBS													
Job Briefing	2 1113	pection subje		TC NOC	Jili alic	r track circu	it quarterly i	rispection	Activity Co	Jue		C	VVI	OBS	
Employee Name/Title	ATC weekend Supervisor morning shift Accompanied Inspector? Yes Out Brief Conducted No Time 900-											Outside Shift	No		
Related Reports	N/A				Relat	ted CAPS / I	Findings	N/A							
	Ref		Ru	ıle or S	OP		Standard		Other / T		Check	list Refer	ence		
Related Rules, SOPs, Standards, or Other	ATC 1000, 2000, 3000 Test ans Inspection 1012A, Manual				.C					Track Circuit Test					
lana shi sa lanakina	Main Track	Yard	Station	С	PCC RTA Facility		FTA Office	Tue als True a	At-grad	e Tui	nnel	Eleva	ated	N/A	
Inspection Location	Х							Track Type			х				
line/s)		Track		1 1 7		Chain Ma	rker		From	<u>'</u>	, the state of the		То		
Line(s)	G	Number	-	1 and 2	<u> </u>	and/or St	ation(s)	G1 355+00			G1 42	9+00			
	Head Ca	ar Number	Nui	mber o	of Cars										
Vehicles	١	N/A		N/A		Equip	ment	N/A							
								apitol Heights	Number	of Defect	:S			0	
		etween chain i pectors obser							Recomm	ended Fi	nding?			No	
	•	FTA Inspecto			_		~ .		Remedia	l Action F	Require	d?		No	
Description	verification on track No. 2 G02 Chain marker 355+00 to 429+00. • FTA Inspector also reviewed signal testing records in ATC control room. Recommended Reinspection?										No				

All items observed were performed in accordance with WMATA's existing ATC

standards. No exceptions were taken during the inspection.

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

Remedial Action

N/A



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170422 \4/0	/ATA \/	VD 1			
inspection date	2017	04	22	Report Number	20170422-WMATA-WP-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub- Department Ma			Maintenance		
		Name		Email	Office Phone	е	Mobile Phone			
Rail Agency Department Contact Information										
Contact Information										
Inspection Location	C-Line between Huntington (C15) and King Street (C13)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 Ir	spection Sub	ject	Roadwa	ıy Work	ker Protecti	on – Job Safe	ety Briefing	Activity Co	ode	TR	kK	RWP	OBS
Job Briefing Employee Name/Title	TRST Un	it # 6168, RW it # 6271, an/lookout	С		Accor	mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0800 1600		Outside Shift	No
Related Reports					Relat	ed CAPS /	Findings							
	Ref			Rule or S	ОР		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPM													
Standards, or Other														
	Main Track	Yard	Stati	ion C	осс	RTA Facility	FTA Office	Total Total	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location			Х					Track Type					Х	
lina(a)	Clina	Track		tracks	1	Chain Ma	rker		From			То		
Line(s)	C-Line	Numbe	er	and 2		and/or St	ation(s)	Huntington (n (C15) K			King Street (C13)		
	Head (Car Number	ı	Number o	of Cars									
Vehicles						Equip	ment							
Beredeller		safety briefing				_							0	
Description	6168. The briefing was fully compliant with WN						adway Work	ker's	Recommended Finding?					No

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

Inspector in Charge - Signature		0	Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=U5, o=U.5. Government, ou=DOT Headquar Date: 2017.04.27 07:00:19 -04'00'	ers, ou=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Alexander Nepa		

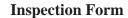




	Protection Manual (RWPM) requirements. It included WMATA badge-level	Remedial Action Required?	No
	verification, type of protection, train approach warning (TAW), potential hazards, hot spots and hospital location. No exceptions taken to the job safety briefing.	Recommended Reinspection?	No
Remedial Action	N/A		

Activity Summaries

Inspection Activity #	2	Inspe	ction Sub	ject	Track G	eneral	Inspection			Activity Co	ode	TR	RK	GEN	INS
Job Briefing Employee Name/Title	TRST	Unit#	6168, RW 6271 lookout	IC			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0800		Outside Shift	No
Related Reports					Related CAPS / Findings							,			
	Ref				Rule or SOP			Standard		Other / T	itle		Chec	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-	-1000 r	ev. 7												
Standards, or Other															
Innertical continu		Main Track Yard Sta		Stati	on C	ОСС	RTA Facility	FTA Office	Tue els Toure	At-grad	e Tu	nnel	Ele	vated	N/A
Inspection Location	Х								Track Type	х		х		Х	
Line(s)	C-Lin	C-Line Track and 2 Number switch inspect			Chain Ma and/or St		Huntington (0	From C15)		King	Street	To (C13)			
Vehicles	Неа	ıd Car N	Number	I	Number o	of Cars	Equip	ment							
	The F	WSO Ir	nspector o	bserv	ed a WM	ATA co	ntractor fro	om Harsco pe	erform switch	Number	of Defect	ts			1
			using the e standar		non-distri	buted 1	TRST 1000,	revision 7 tra	ack	Recomm	ended Fi	nding?			Yes
	IIIdiii	teriance	e Standari	us.						Remedia	l Action I	Require	ed?		Yes
Description	techr	though there were no exceptions taken to the inspector's switch inspection chniques, the FWSO Inspector noted one defect. This was not a color-coded ndition: • WMATA, TRST 1000 defect 13.3.14: On track one, at CM WBYL 0+30, the end cover board is missing.									Yes				
Remedial Action		To ach	ieve com	oliance	with WN	MATA's	requireme		0+30 track one.						





Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170423-WMATA-LF-1					
inspection date	2017	04	23	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	ATC	Sub- Dep	partment	ATC Inspection		
		Name		Email	Office Phone	е	Mobile Phone			
Rail Agency Department										
Contact Information										
Inspection Location G-04 Morgan Blvd. Interlocking										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 lı	nspection Sub	ject J	ob Safe	ty Brief	fing			Activity Co	ode	АТ	C	JSB	OBS
Job Briefing Employee Name/Title	ATC Sup Afterno	ervisor Week on Shift	end		Accor	mpanied ctor?	Yes	Out Brief Conducted	No	Time	170 220		Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref		Ru	ule or S	OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other		0, 2000, 3000 I Inspection		ГС 3003	3				Interlock	Interlocking Inspection				
	Main Track	Yard	Station	C	СС	RTA Facility	FTA Office		At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location	Х							Track Type			Х			
12 (-)	(Track		4 1 3		Chain Ma	rker		From			То		
Line(s)	G	Numbe	er	1 and 2	<u>'</u>	and/or Sta	ation(s)	G1 545+00			G1 55	G1 550+00		
Vehicles	Head (Car Number	Nu	Number of										
		N/A		N/A		Equip	ment	N/A						

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

Inspector in Charge - Signature	LEON FERGUSON JR	Digitally signed by LEON FERGUSON JR DN: c=US, o=U.S. Government, ou=DOT FRAChic FERGUSON JR Date: 2017.05.05 11:22:14-05'00'	Date agoll, ou=FRA FRAChicagolL, cn=LEON
Inspector in Charge – Name	Inspection Team		
Leon Ferguson	Leon Ferguson		



0

No

No

No



Vehicles

Description

Remedial Action

United States Department of Transportation

Head Car Number

N/A

room.

N/A

Number of Cars

N/A FWSO inspectors observed an interlocking inspection at Morgan Boulevard

FWSO inspectors observed the following activities being performed:

standards. No exceptions were taken during the inspection.

station between chain markers 545+00 and 550+00 on both tracks of the G line.

All items observed were performed in accordance with WMATA's existing ATC

FTA Inspector observed WMATA ATC personnel track set up and verification on track No. 1 G01 Chain marker 545+00 to 550+00.

FTA Inspector also reviewed signal testing records in ATC control

Federal Transit Ac														
		rsonnel recei			•	-	•	•	Number	of Defect	S			0
Bereiteller			,					he inspection e, hotspots in	Recommended Finding?					No
Description								'SO personnel.	Remedia	l Action R	equire	d?		No
	No excep	tions were ta	iken.						Recomm	ended Re	inspec	tion?		No
Remedial Action	N/A													
Inspection Activity #	2 Ins	2 Inspection Subject G-04 Morgan Blvd. Interlocking Inspection Activity Code										С	WI	OBS
Job Briefing Employee Name/Title	ATC Supe Afternoor	rvisor Weeke n Shift	end			ompanied ector?	Yes Out Brief Conducted		No	Time	170 220	-	Outside Shift	Yes
Related Reports	N/A				Rela	ted CAPS / I	indings	N/A						
	Ref			Rule or S	SOP Standard			Other / Title			Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other		, 2000, 3000 Inspection		ATC 300	003			Interlocking Inspection						
la annotion I anation	Main Track	Yard	Stat	ion (ОСС	RTA Facility	FTA Office	Too als Trops	At-grad	e Tur	nnel	Ele	evated	N/A
Inspection Location	Х							Track Type			<			
Line/s)		Track 4		Chain Marker Fro		From				То				
Line(s)	G	G Number 1 and 2		<u> </u>	and/or St	ation(s)	G1 545+00	G1 550+00						

Equipment

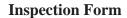
N/A

Number of Defects

Recommended Finding?

Remedial Action Required?

Recommended Reinspection?





FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Increation Date	YYYY	MM	DD	Report Number	20170423-WI	// A T A \/	VD 1		
Inspection Date	2017	04	23	Report Number	20170425-001	VIA I A-V	VP-I		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub- Department Mainter				
		Name		Email	Office Phon	e	N	1obile Phone	
Rail Agency Department Contact Information									
Inspection Location	A-Line between Grosvenor-Strathmore (A11) and Twinbrook (A13)								

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-RWP-OBS	TRK-GEN-OBS				
Inspection Units	1	1				
Inspection Subunits	4	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	Roadwa	y Work	er Protecti	on – Job Safe	ety Briefing	Activity Co	ode	TR	K	RWP	OBS
Job Briefing Employee Name/Title		nit # 94, RWIC nit # 607, Supe	rvisor		Accompanied Inspector? Yes Out Brief Conducted		Yes	Time	1000 1400		Outside Shift	No		
Related Reports					Related CAPS / Findings									
	Ref	Ref Rule or So					Standard		Other / T	itle		Che	cklist Refe	ence
Related Rules, SOPs, Standards, or Other	RWPM	VI												
Standards, or other														
lucus ation I a sation	Main Track	Yard	Statio	on C	осс	RTA Facility	FTA Office	Tuesda Tauss	At-grad	e Tur	nnel	Ele	evated	N/A
Inspection Location	х		Х					Track Type	х		x			
Line/a)	A-Line	Track		track 1		Chain Marker			From		То			
Line(s)	A-Line	Numb	er	LIACK I		and/or St	ation(s)	Grosvenor-St	rathmore (A	(11)	Twink	orook	(A13)	
	Head	Car Number	N	Number o	of Cars				•		•	•		•
Vehicles						Equip	ment							
Description								ı	Number	of Defect	s			0

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

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, or Date: 2017.04.27 07:02-38 -04'00'	u=FTAHQ, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Winslow Powell & Alexander Nepa		

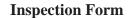




	Roadway worker in charge (RWIC) unit 94 pre-briefed FWSO team members at	Recommended Finding?	No
	Twinbrook Station (A13). They contacted TRST unit 607 to enter this work location, where a formal briefing took place. The briefing was fully compliant with	Remedial Action Required?	No
	WMATA Roadway Worker's Protection Manual (RWPM) requirements. It included WMATA badge-level verification, type of protection, exclusive track occupancy, (ETO), potential hazards, hot spots and hospital location. No exceptions taken to the job safety briefing.	Recommended Reinspection?	No
Remedial Action	N/A		

Activity Summaries

	_			I										
Inspection Activity #	2 Ins	spection Sub	ject	Track	General	Observatio	n		Activity Co	ode	TR	K	GEN	INS
Job Briefing Employee Name/Title		t # 94, RWIC t # 607, Supe		r		ompanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	Related CAPS / Findings													
	Ref			Rule o	r SOP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST-100	0 rev. 6												
Standards, or Other														
Inconstign Location	Main Track	Yard	Sta	tion	осс	RTA Facility	FTA Office	Trook Troo	At-grad	e Tu	nnel	Ele	vated	N/A
Inspection Location	Х							Track Type			Х			
line(s)	A-line	Track		track	. 1	Chain Ma	rker		From				То	
Line(s)	A-IIIIe	Numb	er	track	(1	and/or St	ation(s)	Grosvenor Sti	trathmore (A11) Twinbrook (A13)					
Well-les	Head Ca	ar Number		Numbe	r of Cars									
Vehicles						Equip	ment							
							MATA single-	0	Number	of Defec	ts			0
							ore. At the ti		Recomm	ended Fi	nding?			No
Bereiteller		servation, WMATA maintenance personnel were installing new SW-31 steners on the right rail of track one. The work group consisted of nine roadway Remedial Action Required?									No			
Description	safely and	s and one prime mover. All roadway workers were observed working and appeared to have all required personal protective equipment (PPE). All ted work appeared consistent with WMATA, TRST 1000-7.9 standards. No on taken. Recommended Reinspection? No												
Remedial Action	N/A													



United States Department of Transportation

FOIA Exemption: All (b)(6)

Form FTA-IR-1

Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20170425-WN	//\T\ \	C 1	
inspection bate	2017	04	25	Report Number	20170423-001	VIA I A-A	W-1	
Rail Agency Name	Washington Authority	shington Metropolitan Area Transit hority Rail Agency Department TRST Sub- Department				partment	Maintenance	
	ı	Name		Email	Office Phone	e	N	Nobile Phone
Rail Agency Department	ail Agency Department							
Contact Information								
Inspection Location	Alexandria Y	ard						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-REC-INS					
Inspection Units	1					
Inspection Subunits	20					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required ¹	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Insped	ction Sub	ject	Track In	spectio	on Records	Review		Activity Co	ode	TR	K	REC	INS
Job Briefing Employee Name/Title	None	require	ed				mpanied ector?	No	Out Brief Conducted	No	No Time)	Outside Shift	No
Related Reports	N/A						ted CAPS /	Findings	N/A						
	Ref		Rule or S			OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST 1	1000													
Standards, or other															
luonostion location	Mair Tracl		Yard	Stati	on C	CC	RTA Facility	FTA Office	Tuesda Tours	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location							Х		Track Type						Х
Line/a)	N/A	ľ	Track		NI /	^	Chain Ma	rker		From				То	
Line(s)	IN/A		Numbe	er	N/	А	and/or St	ation(s)	N/A						
Vehicles	Head	d Car N	lumber	١	lumber c	of Cars									
		N,	/A		N	/A	Equip	ment	N/A						

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

ADAM ANTHO	DIGITAL SIGNED DIGITA	OVANDO
Inspector in Charge – Name Adam Giovando	Inspection Team Adam Giovando & Alexander Nepa	





	An FWSO inspection team performed a comprehensive review of track inspection	Number of Defects	0
Description	records completed by WMATA contract inspectors. Records reviewed were complete and detailed. The two FWSO Inspectors met with MAXIMO data input	Recommended Finding?	No
Description	superintendent. The superintendent reviewed and detailed the MAXIMO track	Remedial Action Required?	No
	inspection reporting program to the FWSO inspection team.	Recommended Reinspection?	No
Remedial Action	N/A		



F

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170425 \A/N	10T0 T	\\/ 2			
inspection bate	2017	04	25	Report Number	20170425-WMATA-TW-2					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	Car Maintenance	Sub- Dep	Sub- Department Inspection			
	ı	Name		Email	Office Phone	е	N	Nobile Phone		
Rail Agency Department										
Contact Information		Ī								
Inspection Location	Alexandria Service and Inspection Facility (C99)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspe	ction Sub	ject	Rail Car and Ins			•	ns at Alexan	dria Service	Activity Co	ode	VM		SI	OBS
Job Briefing Employee Name/Title	N/A					Acco			No	Out Brief Conducted	Yes	Time	0800- 1100		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N			N/A							
	Ref		Rule or :	SOP			Standard		Other / T	itle		Che	cklist Refere	ence		
Related Rules, SOPs, Standards, or Other		Periodi cton M			N/A				N/A							
Standards, or other		Periodi ection N														
Inspection Location	Mai Trad		Yard	Stati	on	осс		RTA	FTA Office	Track Type	At-grad	e Tui	nnel	Ele	evated	N/A
								Χ								Х
lino/o\	N/A		Track		N/A		Cha	ain Mar	ker		From			То		
Line(s)	IN/A		Numbe	er	IN/A		and	d/or Sta	ation(s)	N/A			N/A			
	Hea	d Car N	lumber	1	Number	of Cars										
Vehicles		3182-31 3284-3	•		4 Equip				ment	N/A						
Description											Number	of Defect	s			0

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

Inspector in Charge - Signature	Thomas Wozniak	Digitally signed by Thomas Wozniak DN: cn=Thomas Wozniak, o=FRA, ou=DOT, ema Date: 2017.04.30 06:57:35 -05'00'	Date ail = thomas.wozniak@dot.gov, c=US
Inspector in Charge – Name Tom Wozniak	Inspection Team Tom Wozniak, Bill Hultsch		





	FWSO Inspectors observed periodic inspection activities on rail vehicles 3182-3183 "B" Type Inspection and rail vehicles 3284-3285 "A2" Type Inspection. All personnel were wearing the required personal protective equipment and were	Recommended Finding? Remedial Action Required?	No No
	personnel were wearing the required personal protective equipment and were performing their duties in accordance with the prescribed WMATA procedures. No defects observed with the periodic inspection process.	Recommended Reinspection?	No
Remedial Action	N/A		



FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170426-WN	/	Μ/ 1			
inspection Date	2017	04	26	Report Number	20170420-WWATA-TW-1					
Rail Agency Name	Washington Authority (W	Metropolitan MATA)	Area Transit	Rail Agency Department	Car Maintenance (CMNT)	Sub- Dep	artment	Inspection		
	١	Name		Email	Office Phone	9	Mobile Phone			
Rail Agency Department										
Contact Information										
Inspection Location Alexandria Service and Inspection Facility (C99)										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspe	ection Sub	ject			ions – Alexa ility (C99)	ındria Service	e and	Activity Co	ode	VN	И	SI	OBS
Job Briefing Employee Name/Title	N/A						mpanied ector?	No	Out Brief Conducted	Yes	Time	080 110		Outside Shift	No
Related Reports	FTA E	17216	j			Rela	ted CAPS / I	indings	N/A						
	Ref				Rule or	SOP		Standard		Other / T	itle		Check	dist Refer	ence
Related Rules, SOPs, Standards, or Other	N/A				N/A			N/A							
Standards, or other															
	Ma Tra		Yard	Stat	ion	осс	RTA Facility	FTA Office		At-grade	e Tur	nnel	Elev	ated	N/A
Inspection Location							Х		Track Type						Х
Line(a)	NI/A	·	Track		NI/A		Chain Ma	rker		From	То				
Line(s)	N/A		Numbe	er	N/A		and/or St	ation(s)	N/A			N/A			
	Hea	ad Car	Number		Number	of Cars									
Vehicles		N/	A		N/	A	Equip	ment	Car body/truc	ck hoist whe	el chocks				
Description				an ins	pection	of vehicl	e secureme	nt and hoisti	ng at the	Number	of Defects	S			0
	Alexa	andria I	Rail Yard.							Recommended Finding?					No

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

Inspector in Charge - Signature	Thomas Wozniak	Digitally signed by Thomas Wozniak DN: cn=Thomas Wozniak, o=FRA, ou=DOT, email= Date: 2017.05.11 08:55:24 -05'00'	Date ethomas.wozniak@dot.gov, c=US
Inspector in Charge – Name Tom Wozniak	Inspection Team Tom Wozniak, Bill Hultsch		





	Notable safety observations:	Remedial Action Required?	No
	 WMATA could not provide standard operating procedures for securing and hoisting vehicles being serviced. FWSO examined WMATA's rulebook and did not identify any procedures governing this action. FWSO requested WMATA to provide any existing procedures in regards to securing and hoisting of vehicles concluding further search. Car body truck hoist control panels were left powered on and unattended. FWSO noted potential risk. Car mechanics raised a married pair of rail vehicles on car body truck hoist and placed chocks under wheels after the consist was raised. FWSO noted potential risk. Car parts—such as brake pads and current collector shoes—were used to prevent stored wheel and axle sets from unintended movement. FWSO noted alternative bracing equipment. FWSO will follow continue to conduct ongoing safety observations as a follow up to FWSO event number E17216. FWSO also observed a mitigation WMATA was implementing for a derailment on 4/17/17 at Alexandria (Event Number E17216). Metal wheel chocks were being replaced with bright orange plastic chocks. The FWSO Team interviewed the Alexandria Yard tower operator regarding assigning train operators to move rail vehicles into and out of the maintenance facility. They did not note any deficiencies. 	Recommended Reinspection?	No
Remedial Action	N/A		

Form FTA-IR-1



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170427 \\	//\T\ \	C 1			
inspection bate	2017	04	27	Report Number	20170427-WMATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	POWR	Sub- Dep	artment	СМ		
	1	Name		Email	Office Phone	e	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	Dunn Loring (K07) TPSS (Traction Power Substation)									

Inspection Summary

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

Activity Summaries

Inspection Activity #	1 li	nspection Sub	ject	Normal	izing N	ewly-Install	ed DC Switch	ngear	Activity Co	ode	TF)	RM	OBS
Job Briefing Employee Name/Title	WMATA	N Power Super	visor			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0100 0500		Outside Shift	Yes
Related Reports					Related CAPS / Findings									
	Ref			Rule or S	ЮР		Standard		Other / T	itle		Chec	klist Refer	ence
Related Rules, SOPs, Standards, or Other														
Standards, or Strict														
	Main Track	Yard	Stat	ion (осс	RTA Facility	FTA Office	T	At-grade	e Tui	nnel	Elev	vated	N/A
Inspection Location			Х					Track Type						Х
lina(a)	Klina	Track		N1/A		Chain Ma	rker		From		То			
Line(s)	K-Line	Numb	er	N/A		and/or St	ation(s)	Dunn Loring	Dunn Loring (K07) TPSS			Dunn Loring (K07) TPSS		
	Head	Car Number		Number o	of Cars									
Vehicles		N/A		N/A		Equip	ment	DC SWGR (Sv	vitchgear) –	Myers Co	ntrolle	d Powe	er (Manuf	acturer)
Description	The job	safety briefin	g was	compreh	ensive.	No excepti	ons were tak	en.	Number	of Defect	f Defects			0
										Recommended Finding?				No

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

ADAMANTHO	DINY GIOVANDO Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, 0=U.S. Government, ou=FRA FRAFtWorthTX, ou=DOT FRAFtWorthTX Date: 2017.05.03 12:02:31 -05'00'	Date X, cn=ADAM ANTHONY GIOVANDO
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo	





	FWSO inspectors observed WMATA's power department and electrical	Remedial Action Required?	No
	contractors performing normalization (bringing online) of newly-installed DC SWGR. The DC switchgear consisted of a lineup of three cathode breakers, four DC feeder breakers, and the associated relays for each breaker. Testing of the breakers, emergency trip switch (ETS) relay cabinet, and a human machine interface (HMI) supervisory control and data acquisition (SCADA) panel was done to ensure proper operability of each these respective device(s). The FWSO Inspection and WMATA personnel did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A	·	



Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20170428-WMATA-AG-1				
	2017	04	28						
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	POWR Sub- Department CBL.			CBL. IN.	
	ı	Name		Email	Office Phone	е	N	Nobile Phone	
Rail Agency Department Contact Information									
Contact information									
Inspection Location	Vienna (K08) to Dunn Loring (K07), track 2								

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-WI-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 I	nspection Sul	oject	Walking	Observatio	n (Cable Insp	pection)	Activity Co	de	TP	WI	OBS						
Job Briefing Employee Name/Title	WMATA RWIC WMATA Watchman/Lookout WMATA Documenter		WMATA Watchman/Lookout		WMATA Watchman/Lookout		WMATA Watchman/Lookout		WMATA Watchman/Lookout		oanied or?	Yes	Out Brief Conducted	Yes	Time	1000- 1400		No
Related Reports				Related	CAPS / Find	dings												
	Ref			Rule or	SOP	Standard		Other / Title			Checklist Reference							
	TRACTION POWER DESIGN DRAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001)		DRAWING (DD-TP-SSI-013,		DRAWING (DD-TP-SSI-013,													
Related Rules, SOPs, Standards, or Other	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)		INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16,		INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16,													
Inspection Location	Main Track	Yard	Station	осс	RTA Facility	FTA Office		At-grade	Tur	nnel	Elevated	N/A						
	Х						Track Type	Х										

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

ADAM ANTHO	DNY GIOVANDO Digitally signed by ADAM ANTHONY GIOVANDO DN: C=US, 0=US. Government, ou=FRA FRAFtWorthTX, ou=DOT FRAFtWorthT Date: 2017.05.03 12:04:00-05'00'	Date X, cn=ADAM ANTHONY GIOVANDO
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo	





ling(s)	K-Line	Track N		track	Cha	ain Marker	I	From		То	
Line(s)	K-Line	Track IV	umber	2	and	d/or Station(s)	Vienna (K08)	Dunn Loring (K07)		(07)	
Vehicles	Head Car N	umber	Numb	er of Cars		Equipment	N/A				
Vernicies	N/A		1	N/A		Equipment	N/A				
	-	The job safety briefing was comprehensive. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the							s	2	
		-		•		de were used as par safety briefing.	t of the	Recommended Fi	nding?	Yes	
		·			•	, ,		Remedial Action F	Yes		
	prevent cabl	e fires and	arcing inci	dents. The	e pict	proach WMATA has tures taken and issu hir crews to fix.					
	WMATA TRA	CTION PO 1) detail "	WER DESIG	SN DRAWI	NG (E	were not in complia DD-TP-SSI-013, REVI y". There were no c	SION 0,				
	 TRK 2 CM 772+00 – Broken orange boot. (See Figure 1.) TRK 2 CM 708+00 – Captive screws were loose on the orange boot assembly. (See Figure 2.) Other Notable Observations: 										
Description	Other Notab	ile Observ	ations.								
	 TRK 2 CM 777+00 – Cables lying on the ballast TRK 2 CM 776+00 – Cables lying on the ballast Recommended Reinspection? 							inspection?	Yes		
) – Cables II) – Cables II					Recommended Re	163		
	• TRK 2 C	M 772+00				last; 3 rd rail cover bo	ard needs re-				
	fastenii	_) – Cables I	uing on th	o hall	act					
) – Cables I	-							
	• TRK 2 C	M 730+00	– Cables I	ying on th	e ball	ast					
			– Cables I								
			ا – Cables ا ا – Cables ا	-							
) – Cables I	-							
				-		last; 3 rd rail cover bo	ard missing				
	TRK 2 CM 657+00 – Cables lying on the ballast										
	FWSO will fo	•	confirm th	e conclus	ion of	f the work once the	cable issues				
	To achieve co	ompliance	with WMA	ATA's requ	ireme	ents:				1	
Remedial Action	WMATA must replace the orange boot (TRK 2 CM 772+00).										
	WMATA must tighten captive screws on the orange boot (TRK 2 CM 708+00).										



FIGURE 1 - TRK 2 CM 772+00 – BROKEN ORANGE BOOT

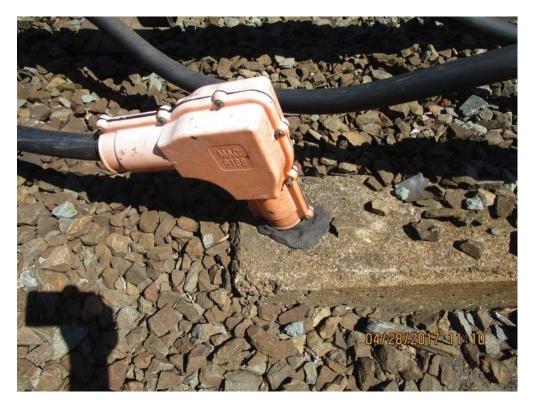


FIGURE 2 - TRK 2 CM 708+00 — CAPTIVE SCREWS LOOSE ON ORANGE BOOT