

# Federal Transit Administration Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171201-WI		C 1		
Inspection Date	2017	12	01	Report Number	20171201-001	VIATA-A	G-1		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	T Sub- Department TKIN			
	1	Name		Email	Office Phon	e	N	1obile Phone	
Rail Agency Department Contact Information		•							
Inspection Location	E-Line, Track 2, Greenbelt (E10) to College Park (E09)								

#### **Inspection Summary**

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

### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	ing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6432				Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	2200 0600		Outside Shift	Yes
Related Reports	N/A					Relate	ed CAPS /	Findings	N/A	N/A					
	Ref				Rule or S	SOP Standard			Other / T	ïtle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWPI	Μ													
Standards, or Other															
	Mai Trac		Yard	Stati	ion OCC		RTA Facility	FTA Office	Tuesda Taura	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type						
Line(a)	E Linu	2	Track		NI / A		Chain Ma	rker		From				То	
Line(s)	E-Line	e	Numbe	r	N/A		and/or St	ation(s)	College Park (	(E09)		Colle	ge Pai	rk (E09)	
	Head Car Number Number			Number o	of Cars										
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 11:50:53 -05'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Brian Altiero, Alexander Nepa		



	TRST Unit 6432 conducted a job safety briefing at the College Park (E09) station	Number of Defects	0
	platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots,	Recommended Finding?	No
Description	RWP ID and personal protective equipment (PPE) verification, type of protection,	Remedial Action Required?	No
Description	hazards, and the location of the nearest hospital.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Subj	ect	Trac	ck Wal	lker O	bservation			Activity Co	ode	TR	К	WI	OBS
Job Briefing Employee Name/Title	TRST	6432				Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	2200- 0600		Outside Shift	Yes	
Related Reports	N/A				Related CAPS / Findings N/A											
	Ref				Rule or SOP Standard				Other / T		Checklist Reference					
Related Rules, SOPs, Standards, or Other	TRST-	1000,	rev. 6													
	Main Track Yard Stat			tion	OC	cc	RTA Facility	FTA Office		At-grad	e Tu	nnel	Ele	vated	N/A	
inspection Location	x									Track Type	x					
Line(s)	E Line Track Number			r	Track 2			Chain Ma and/or St		College Park	From (E09)		Greer	nbelt (	To E10)	
	Неа	d Car	Number		Numb	Number of Cars							1			
Vehicles		N/	'A			N/A		Equip	ment	N/A						
								•	•	nspection on	Number of Defects					1
						0	·	· · /	Greenbelt (I VMATA insp	,	Recomm	ended Fi	nding?			Yes
			o be observ						•		Remedia	Action I	Require	d?		Yes
Description	tion The following non-color-coded defect was observed: • TRST 1000, 13.5.7: The third rail end approach coverboar at E2 657+00.								rd was missing	vas missing Recommended Reinspection?					Yes	
Remedial Action			compliance WMATA m				•		end approac	h coverboard a	t E2 657+00					



### Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171201-WN	ΛΛΤΛ_Λ	6-2			
inspection bate	2017	12	01	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	artment	TKIN			
	1	Name		Email	Office Phone	e	Mobile Phone			
Rail Agency Department										
		1								
Contact Information										
Inspection Location	B-Line, Tracks 1 and 2, Silver Spring (B08) to Fort Totten (B06)									

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brief	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST					Accor Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	0800 1500		Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A	N/A					
	Ref				Rule or S	OP		Standard		Other / T	ītle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	Μ													
Standards, or other															
	Mai Trac		Yard	Stati	ion C	осс	RTA Facility	FTA Office	Tue els Turs e	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type	x	ĸ		х		
Line(s)	B-Lin	0	Track		N/A		Chain Ma	arker		From		То			
Lille(S)	D-LIII	e	Numbe	er	IN/A		and/or S	tation(s)	Takoma (B07	)		Takoi	ma (B	07)	
	Hea	Head Car Number Number				of Cars									
Vehicles				N/A		Equi	oment	N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 11:49:51-05'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard		



	The job safety briefing was provided by TRST unit #6031 at Takoma Station (B07)	Number of Defects	0
	briefing table. The briefing was thorough and fully compliant with WMATA's requirements. It included WMATA level 1 ID check, type of protection	Recommended Finding?	No
Description	(inaccessible track), potential hazards, hot spots and hospital locations, red tag	Remedial Action Required?	No
Description	outage number, and safety rule of the day.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
<b>Remedial Action</b>	N/A		

Inspection Activity #	2 I	nspectior	Subjec	t	RWP Set	tup Ve	rification			Activity Co	ode	TR	RK	WI	PI
Job Briefing Employee Name/Title	TRST 60	)31			Yes			Out Brief Conducted	Yes	Time	0800 1500		Outside Shift	Yes	
Related Reports	N/A				Related CAPS / Findings N/A										
	Ref			F	Rule or SOP Standard				Other / 1	Other / Title Check				ence	
Related Rules, SOPs, Standards, or Other	RWPM														
· · · · · · · · · · · · · · · · · · ·									-						
Inspection Location	Track				in O	CC	RTA Facility	FTA Office	Track Type	At-grad	e Tui	nnel	Ele	evated	N/A
	Х			Х					The rype	x			х		
Line(s)	B-Line Track				Tracks 1 Chain Marker					From			То		
Linc(3)	Number				and 2		and/or Station(s) Siver Spring (B					Fort	Totten	(B06)	
Vehicles	Head Car Number		N	Number of Cars Equipment N/A				N/A							
		N/A			N/A										
	FWSO inspector performed a walking inspection to verify roadway worker protection (RWP) set up in accordance with the Track and Structures Mobile										of Defect				0
		Operations Map for Single Tracking November 25 to December 10, 2017, on										nding?			No
											ed?		No		
DescriptionRemedial Action Required?FWSO inspector reviewed the work plan and work in progress. All personal protective equipment (PPE) was being worn and work, in general, was being performed in a safe and methodical manner.Remedial Action Required?FWSO inspector observed work being performed to replace Switch 1A at B1 354+14 and Switch 1B at B2 354+12. Additionally, a maintenance crew was performing track surfacing with tamper between B1 315+00 and B1 354+12. Finally, WMATA maintenance had completed replacing, on average, every fourth tie on tracks one and two from chain marker 350+44 to 315+00.Recommended Reinspection?											No				
Remedial Action	N/A	SO Inspe		not	note any	y deret									



### United States Department of Transportation Federal Transit Administration

### Agency/Department Information

Inspection Data	YYYY	MM	DD	Donort Number							
Inspection Date	2017	12	02	Report Number	20171202-WMATA-AG-2						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department	ткім				
	1	Name		Email	Office Phon	e M	Aobile Phone				
Rail Agency Department Contact Information		•									
Inspection Location	B-Line, Tracks 1 and 2, Fort Totten (B06) to Glenmont (B11)										

#### **Inspection Summary**

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

### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	ing			Activity Co	de	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	641				Yes			Out Brief Conducted	Yes	Time	1800 0200		Outside Shift	Yes
Related Reports	N/A					Relate	ed CAPS /	Findings	N/A						
	Ref							Standard		Other / T	/ Title Checklist Referenc				ence
Related Rules, SOPs, Standards, or Other	RWPI	RWPM													
Standards, or other															
	Mai Trac		Yard	d Statior		tion OCC F		FTA Office	Tuesda Taura	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location				х					Track Type	x					
Line(a)	Dia	•	Track		NI / A		Chain Ma	rker		From				То	
Line(s)	B-Lin	е	Numbe	r	N/A	and/or Sta		ation(s)	Silver Spring (	B08)		Silver	Sprir	ng (B08)	
	Hea	d Car N	umber	١	Number c	of Cars									
Vehicles		N/A			N/A		Equipment		N/A						

Inspector in Charge - Signature	ΠΔΜ ΔΝΙΤΗΩΝΙΥ ΔΙΩ\/ΔΝΙΠΩ	Digitally signed by ADAM ANTHONY GIOVAND DN: c=US, o=U.S. Government, ou=FRA FRAFK cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 12:16:25 -05'00'	O <b>Date</b> VorthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Brian Altiero, Alexander Nepa		



	TRST Safety Briefer conducted a job safety briefing at the Silver Spring (B08)	Number of Defects	0
	station briefing table. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day,	Recommended Finding?	No
Description	hot spots, RWP ID and personal protective equipment (PPE) verification, type of	Remedial Action Required?	No
Description	protection, hazards, and the location of the nearest hospital.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ction Subj	ect	Work	Zone Se	t-Up Ob	serva	ation		Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	TRST	641			1		ompanie ector?	d	Yes	Out Brief Conducted	Yes	Time	1800 0200		Outside Shift	Yes
Related Reports	N/A					Rela	Related CAPS / Findings N/A									
	Ref				Rule or	r SOP			Standard		Other / 1	Title		Che	cklist Refei	rence
Related Rules, SOPs, Standards, or Other	TRST-1000, rev. 6															
in an atting to acting	Mai Trac		Yard	Stat	ion	OCC	RTA Facilit		FTA Office	Tuesda Taura	At-grad	At-grade Tunnel		Ele	evated	N/A
inspection Location	x									Track Type	x					
Line(a)	B Line		Track		Track	ks 1	Chain	Mar	ker		From				То	
Line(s)	BLINE	2	Numbe	r	and 2	2	and/o	r Sta	ation(s)	Fort Totten (	306)		Glenr	mont (	(B11)	
Maletala a	Неа	d Car N	Number		Number	r of Cars		• • •		N1 ( A						
Vehicles		N/A	Ą		N,	/A	Eq	uipn	nent	N/A						
										forming track	Number	of Defec	ts			0
										ten (B06) and	Recomm	ended Fi	nding?			No
Description	Glenmont (B11). Attention was paid to PPE usage and the quality of completed work as compared to WMATA standards. Inspectors also verified the setup of Remedial Action Required? No									No						
Description	RWP	protec	tion for th	e woi	rk area.											
	The F	WSO I	nspectors	did n	ot note	any def	ects.				Recomm	ended R	einspec	tion?		No
Remedial Action	N/A														·	



#### qAgency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171202-WMATA-JM-1						
inspection Date	2017	12	02	Report Number	20171202-00101A1A-JIVI-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	RTRA	Sub- Dep	artment				
	I	Name		Email	Office Phone	е	Ν	/lobile Phone			
Rail Agency Department Contact Information											
contact mormation											
Inspection Location	D- Line, L'Enfant Plaza (F03) to New Carrollton (D13)										
Inspection Summary											

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

#### **Activity Summaries**

Inspection Activity #	1	Inspe	ection Subj	ject	Operate	or Obse	rvation			Activity Co	ode	RTF	RA	RI	OBS
Job Briefing Employee Name/Title	N/A						mpanied ector?	No	Out Brief Conducted	No	Time	151 163		Outside Shift	N/A
Related Reports	Safety	y Direc	tive 15-1			Relat	ed CAPS /	Findings	CAPs R-2-18-/	A and R-2-19	9-A				
	Ref				Rule or S	OP		Standard		Other / T	ītle		Chec	klist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRPH														
	Mai Trac		Yard	Stati	ion (	DCC	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Elev	vated	N/A
Inspection Location	x			х					Track Type	х		x		х	
line(a)	D Line	5	Track		Tracks	1	Chain Ma	rker		From				То	
Line(s)			Numbe	er	and 2		and/or St	ation(s)	L'Enfant Plaza	a (D03) New Carrollton (G05)					
	Hea	d Car I	Number		Number o	of Cars									
Vehicles	307	9, 202: 711	1, 2014, .0		6,6,6,6 Equipment N/A										
An FWSO Inspector performed fo									0	Number	of Defect	ts			11
Description	-	-			. ,		Carrollton ( e cab lead c	,	ck to L'Enfant	Recomm	ended Fi	nding?			Yes
	1 1020	(003).		, msh		e in the		aı.		Remedial Action Required?					No

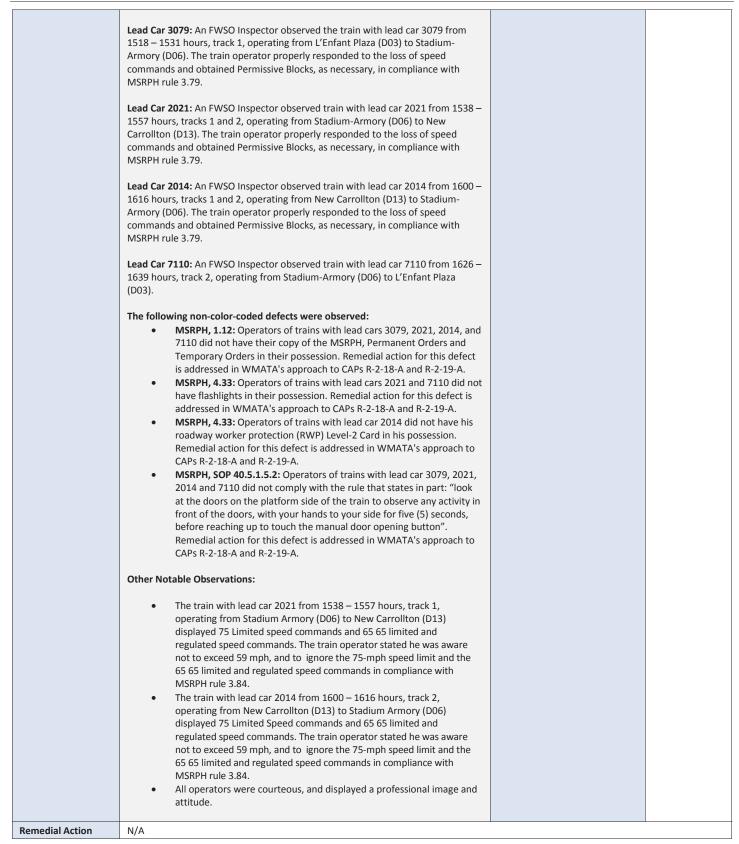
<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections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

Inspector in Charge – Name	Inspection
Inspector in Charge - Signature	

JOHN PHILIP MAYSER DB: C=US, O=U.S. Government, Ou=FRA FRAVancouverW. Ou=DOT FRAVancouverW. (C=JOHN PHILIP MAYSER Date: 2017.1131636301-08000

John Mayser

Team John Mayser



Federal Transit Administration

### Form FTA-IR-1

#### Agency/Department Information

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

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Platforn	n Track	Inspection			Activity Co	ode	TR	K	WI	PI
Job Briefing Employee Name/Title	N/A						Accompanied N/A Out Brid			N/A	Time	100 140		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref Rule or S				OP		Standard		Other / 1	Title		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	MSRP	РΗ													
Standards, or Other	TRST	1000													
	Mai Trac		Yard Stat		on C	осс	RTA Facility	FTA Office	Tue els Turs e	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type	x				х	
Line(a)	K Line		Track		Tracks	1	Chain Ma	rker		From		То			
Line(s)	K-Line	5	Numbe	r	and 2		and/or St	ation(s)	Vienna (K08)	Ea			Falls C	Church (K05	)
	Hea	d Car Nu	umber	Number of Cars											
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.12.07 12:13:10 -05'00'	Date thTX, ou=DOT FRAFtWorthTX,
Inspector in Charge - Name Adam A. Giovando	Inspection Team Lee Emard		

	FWSO inspector performed a platform observation of track bed, coverboards,	Number of Defects	0
	emergency trip station lights, train approach warning lights, drainage and general conditions.	Recommended Finding?	No
		Remedial Action Required?	No
	The FWSO Inspector did not note any defects.		
Description	<ul> <li>Other Notable Observations:</li> <li>2 of the approach warning lights on the platform were not working on the track one side of the Vienna (K08) station platform.</li> <li>18 of the approach warning lights on the platform were not working on the track two side of the Vienna (K08) station platform.</li> <li>14 of the approach warning lights on the platform were not working on the track one side of the Dunn Loring (K07) station platform.</li> <li>29 of the approach warning lights on the platform were not working on the track two side of the Dunn Loring (K07) station platform.</li> <li>21 of the approach warning lights on the platform were not working on the track one side of the West Falls Church (K06) station platform.</li> <li>55 of the approach warning lights on the platform were not working on the track two side of the West Falls Church (K06) station platform.</li> <li>231 of the approach warning lights on the platform were not working on the track three side of the West Falls Church (K06) station platform.</li> <li>4 of the approach warning lights on the platform were not working on the track one side of the East Falls Church (K05) station platform.</li> <li>18 of the approach warning lights on the platform were not working on the track two side of the East Falls Church (K05) station platform.</li> </ul>	Recommended Reinspection?	No
Remedial Action	N/A		



### Agency/Department Information

Federal Transit Administration

Increation Data	YYYY	MM	DD	Donout Number	20171205-W	N / A T A A	C 1	
Inspection Date	2017	12	05	Report Number	20171205-00	IVIATA-A	G-1	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department TKIN		
	1	Name		Email	ne	Ν	Aobile Phone	
Rail Agency Department Contact Information								
Inspection Location	F-Line, Track	1, Southern A	we. (F08) to Sui	tland (F10)				

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	ction Subj	ect	Job Safe	ety Brief	fing				Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6198				Accon Inspec	npanie ctor?	d	Yes	Out Brief Conducted	Yes	Time	1000 1500		Outside Shift	No
Related Reports	N/A						Related CAPS / Findings N/A									
	Ref	Ref Rule or						Standard			Other / T	Other / Title			cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	M														
Standards, or other																
lucus eticus la ceticus	Mai Trac		Yard	Stati	ion C	осс	RTA Facilit		FTA Office	Treads Treas	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location				х						Track Type						
Line(c)	F-Line		Track		NI/A		Chain	Mark	er		From			То		
Line(s)	F-LINE	2	Numbe	r	N/A		and/o	or Stat	ion(s)	Southern Ave	nue (F08)		South	outhern Ave (F08)		
	Неа	d Car N	lumber	1	Number c	of Cars	_									
Vehicles		N/A			N/A		Eq	Equipment		N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.06 14:00:39 -05'00'	Date orthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Alexander Nepa		



	TRST unit number 6198 conducted a job safety briefing at the Southern Avenue	Number of Defects	0
	Station (F08). The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots,	Recommended Finding?	No
Description	RWP ID and personal protective equipment (PPE) verification, type of protection,	Remedial Action Required?	No
Description	hazards, and hospital location.		
	The FWSO inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Subj	ect	Track W	/alker (	Observation	1		Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	TRST	Unit 6	5198	·			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1500		Outside Shift	No
Related Reports	20170 20160	0805-\ 0410-\	WMATA-AC WMATA-AC WMATA-TC WMATA-AC	i-1 B-1		Relat	ted CAPS /	tion ID #s: 468, 473, 1393, 1394, 1443, 1516							
Related Rules, SOPs,	Ref TRST	1000			Rule or S	OP		Standard		Other / 1	Title		Cheo	cklist Refe	rence
Standards, or Other	1131	1000													
inspection Location	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	evated	N/A
inspection Location	x								Пасктуре	x		х		х	
Line(s)	F Line	5	Track Numbe	r	Track 1	L	Chain Ma and/or St		Southorn Ave	From	- <b>I</b>	Suite	and (E1	To	
	Hea	d Car	Number		lumber o	of Cars			Southern Ave	enue (FO8)		Suitia	and (F1	10)	
Vehicles		N/	A		N/A	l l	Equip	ment	N/A						
						• •			form a track	Number	of Defect	ts			1
	inspection on track one of the F-Line between Southern Ave. (F08) and Suitland (F10). Inspectors also inspected track conditions and followed up on previously									Recomm	ended Fi	nding?			Yes
						nspecto	or was obse	erved to be d	iligent and	Remedia	Action I	Require	ed?		Yes
Description	The f													Yes	
Remedial Action	То ас	hieve	been repai compliance WMATA m	with		-									



### Photos



Figure 1: Blocked drains not draining as designed and allowing pooling water at F1 338+00.



### Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171205-WMATA-AG-2							
inspection Date	2017	12	05	Report Number								
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	artment					
	1	Name		Email	Office Phone Mobile Pl			Iobile Phone				
Rail Agency Department Contact Information												
Inspection Location	K-Line, Track	K-Line, Track 1, Ballston (K04) to East Falls Church (K05)										

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ety Briefi	ng			Activity Co	ode	TF	o	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA RWI	С			Accom Inspect	panied tor?	Yes	Out Brief Conducted	Yes	Time	100 140		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref Rule or					OP		Standard		Other / 1	ītle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	M			R-17-02										
Standards, or other	MSRP	чΗ	R-17-03												
	Mai Trac		Yard	Stati	on C	occ	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x		Х			
Lino(c)	K-Line	2	Track		N/A	(	Chain Ma	rker		From			То		
Line(s)	K-LINE	đ	Numbe	er	IN/A	ā	and/or St	ation(s)	Ballston (K04	)		Ballst	on (K	04)	
	Неа	d Car Nu	umber	1	Number o	of Cars									
Vehicles		N/A			N/A	L	Equipment		N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 17:53:14-05'00'	
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



	FWSO personnel received a job safety briefing from the WMATA roadway worker	Number of Defects	0
	in charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked, and the working limits reviewed. The	Recommended Finding?	No
	WMATA RWIC covered the nearest hospital and safety rule of the day. The	<b>Remedial Action Required?</b>	No
Description	<ul> <li>hazards, clearance areas, and communication were used as part of the discussion.</li> <li>In addition to the required PPE, the Advanced Mobile Flagger (AMF) did have the required equipment, and was compliant with "WMATA PERMANENT ORDER R-17-03, ADVANCE MOBILE FLAGGER, (FRIDAY APRIL 28, 2017)." This equipment consisted of WMATA-approved flashing amber lantern/E-flare, orange flag (18"x18") calibrated working radio, air horn, and whistle.</li> <li>The AMF did notify the RWIC via positive communication (phone) that he was in place (i.e., next station ahead in the direction the mobile crew walked). The flashing amber lantern/E-flare and orange flag had been positioned at the end of the platform (i.e., 8-car marker or end gate).</li> <li>The FWSO Inspector observed the WMATA RWIC request foul time for two "hot spots" (i.e., portal and blind spot) encountered during mobile work crew's cable inspection walk. One hundred percent repeat back did occur on radio communication between RWIC and the Rail Operations Control Center (ROCC).</li> <li>The RWIC relinquished foul time once the mobile work crew completely walked through the "hot spot." No issues/concerns or exceptions were taken to the RWIC performing his duties. The RWIC was compliant with WMATA PERMANENT ORDER R-17-02, GRANTING FOUL TIME (FRIDAY APRIL 28, 2017).</li> <li>The FWSO Inspector did not note any defects.</li> </ul>	Recommended Reinspection?	No
Remedial Action	N/A	1	

Inspection Activity #	2	Inspec	tion Sub	ject	Cable I	nspecti	on Observa	tion		Activity Co	ode	TP	WI	OBS
Job Briefing Employee Name/Title	WMA	TA RWI	С			Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000 1400		No
Related Reports	N/A					Rela	ted CAPS /	Findings	N/A					
	Ref				Rule or	SOP		Standard		Other / 1	ïtle		Checklist Re	ference
	TRST	1000												
	DD-TI	P-SSI-01	.3											
Related Rules, SOPs, Standards, or Other	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)													
	Mai Trac		Yard	Statio	on	осс	RTA Facility	FTA Office		At-grad	e Tu	nnel	Elevated	N/A
Inspection Location	х								Track Type	x		х		
Line(a)	K-Line		Track		Track	1	Chain Ma	rker		From			То	
Line(s)	K-LINE	=	Numbe	er	TTACK	T	and/or St	ation(s)	Ballston (K04) East Falls Church (K05)				.05)	
Vahialaa	Неа	d Car N	umber	Ν	lumber	of Cars	F = 1		51/0					
Vehicles		N/A			N/.	A	Equip	ment	N/A					



	An FWSO inspector observed WMATA personnel conducting a walking cable		
	inspection on track one of the K-Line from Ballston-MU (K04) to East Falls Church	Number of Defects	10
	(K05).	Recommended Finding?	Yes
		Remedial Action Required?	Yes
Description	<ul> <li>The following color-coded defects were observed:</li> <li>TRST 1000 Manual, Table 13.6: A defective third rail insulator was observed at K1 371+00. Green Condition.</li> <li>The following non-color-coded defects were observed:</li> <li>DD-TP-SSI-013: A broken power conduit stub-up was observed at K1 301+00.</li> <li>DD-TP-SSI-013: A nicked cable was observed at K1 318+00.</li> <li>TRST 1000 Manual, 13.3.4: The third rail cover board was missing on the end approach at K1 318+50.</li> <li>DD-TP-SSI-013: The sealing collar was missing on two orange boot cable connector assemblies at K1 319+50.</li> <li>TRST 1000 Manual, 13.3.4: A broken third rail anchor arm was observed at K1 387+00.</li> <li>TRST 1000 Manual, 13.3.4: A broken third rail anchor arm was observed at K1 397+00.</li> <li>DD-TP-SSI-013: A broken power conduit stub-up was observed at K1 402+00.</li> <li>DD-TP-SSI-013: A broken power conduit stub-up was observed at K1 402+00.</li> <li>DD-TP-SSI-013: A broken power conduit stub-up was observed at K1 406+00.</li> <li>DD-TP-SSI-013: Two power conduit stub-up was observed at K1 406+00.</li> <li>DD-TP-SSI-013: Two power conduit stub-ups were missing O-Z Gedney bushings at K1 406+00.</li> <li>DD-TP-SSI-013: Two power conduit stub-ups were missing O-Z Gedney bushings at K1 406+00.</li> <li>DD-TP-SSI-013: Two power conduit stub-ups at K1 300+00.</li> <li>A foreign metal object was observed on the gauge side of the third rail at K1 304+50.</li> <li>The third rail end approach was arcing at K2 318+50.</li> <li>One cable pigtail had broken kindorf strap at K2 319+50.</li> <li>Cables were observed lying on the ground at K1 351+00.</li> <li>Cables were observed lying on the ground at K1 351+00.</li> <li>Cables were observed lying on the ground at K1 351+00.</li> <li>Cables were observed lying on the ground at K1 327+00.</li> <li>Cables were observed lying on the ground at K1 327+00.</li> <li>Cables were observed lying on the ground at K1 327+00.</li> <li>Cables were observed lying on the ground at K1 327+00</li></ul>	Recommended Reinspection?	Yes
Remedial Action	<ul> <li>To achieve compliance with WMATA's requirements:</li> <li>WMATA must replace third rail insulator at K1 371+00.</li> <li>WMATA must repair or replace broken power conduit stub-up at K1 301.</li> <li>WMATA must replace nicked cable at K1 318+00.</li> <li>WMATA must replace missing end approach cover board at K1 318+50.</li> <li>WMATA must install the two missing sealing collars in the orange boot conduct with the transmission of the t</li></ul>	able connector assemblies at K1 319 +00. +00.	+50.



### United States Department of Transportation Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171205-WN	10T0 0	<b>C</b> 2		
Inspection Date	2017	12	05	Report Number	20171205-001	VIATA-A	G-2		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department		TKIN	
	1	Name		Email	Office Phone	5	Mobile Phone		
Rail Agency Department Contact Information									
Inspection Location	West Falls Ch								

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Sub	ject	Track G	eometr	y Vehicle Ir	spection		Activity Co	ode	TR	K	TGV	OBS
Job Briefing Employee Name/Title	N/A						mpanied ector?	Yes	Out Brief Conducted	No	Time	0700 150		Outside Shift	Yes
Related Reports	N/A	N/A					Related CAPS / Findings N/A								
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST	1000													
Inspection Location	Mai Trac		Yard	Stati	ion (	occ	RTA Facility	FTA Office	Track Type	At-grad	e Tui	nnel	Ele	evated	N/A
			х							х		Х		х	
		·	Track		Yard		Chain Ma	rker		From	m		То		
Line(s)	K-Lin	e	Numbe	er	Storag Tracks		and/or St		West Falls Church Yard (K99) West Falls Churc			Church Yar	d (K99)		
	Hea	ad Car N	umber		Number o	of Cars									
Vehicles		N/A			N/A	١	Equip	ment	N/A						

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



	FWSO inspector observed WMATA employees performing geometry testing with	Number of Defects	2
	the track geometry vehicle (TGV) on West Falls Yard (K99) storage, maintenance, vard leads, and inner loop tracks.	Recommended Finding?	No
		<b>Remedial Action Required?</b>	No
Description	<ul> <li>The following color-coded defects were observed:         <ul> <li>TRST 1000, Table 11-2: Track gauge measured 57.87 to 57.55 inches for 20 feet on track 8. Track was taken out of service at 1159 WMATA yard support team was dispatched to repair, team installed gauge rods and added additional spikes. Black Condition.</li> <li>TRST 1000, Table 11-2: Track gauge measured 55.75 inches on Track 7. Support crew was dispatched and made repairs. Black Condition</li> </ul> </li> </ul>	Recommended Reinspection?	Yes
Remedial Action	N/A	·	·



### United States Department of Transportation Federal Transit Administration

#### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171206 \\/\	1ATA A/	C 1				
inspection Date	2017	12	06	Report Number	20171206-WMATA-AG-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department		ΤΚΙΝ			
	1	Name		Email	Office Phone	5	N	1obile Phone			
Rail Agency Department Contact Information											
Inspection Location	West Falls Ch	West Falls Church Yard (K99)									

#### **Inspection Summary**

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

### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Sub	ject	Track G	eometr	y Vehicle	Inspection		Activity C	ode	TR	K	TGV	OBS
Job Briefing Employee Name/Title	N/A						Accompanied Yes Out Bri Inspector? Out Bri			No	Time	070 150		Outside Shift	Yes
Related Reports	N/A					Relat	Related CAPS / Findings N/A								
	Ref				Rule or S	OP		Standard		Other / 1	Гitle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST	1000													
otandurus, or other															
Inspection Location	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	evated	N/A
			х							х		Х		х	
			Track		Yard		Chain M	arker		From	То				
Line(s)	K-Line	e	Numbe	er	Storage Tracks	5		tation(s)	West Falls Cl	nurch Yard (	K99)	West	Falls	Church Yar	d (K99)
	Hea	d Car N	umber	Ν	lumber c	of Cars									
Vehicles		N/A			N/A		Equi	pment	N/A						

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



	FWSO inspector observed WMATA employees performing geometry testing with	Number of Defects	5
	the track geometry vehicle (TGV) on West Falls Yard (K99) storage, maintenance, yard leads, and inner and outer loop tracks.	Recommended Finding?	No
		Remedial Action Required?	No
Description	<ul> <li>The following color-coded defects were observed:         <ul> <li>TRST 1000, Table 11-2: Track gauge measured 57.78 to 57.75 inches between signal 304 and 306 on the outer loop track. WMATA yard support team was dispatched and completed repair. Black Condition.</li> <li>TRST 1000, Table 11-2: Track gauge measured 57.55 to 57.65 inches for 20 feet on track 4. WMATA yard support team was dispatched and completed repair. Black Condition.</li> <li>TRST 1000, Table 11-2: Track gauge measured 57.55 to 57.50 inches track 17E. WMATA yard support team was dispatched and completed repair. Black Condition.</li> <li>TRST 1000, Table 11-2: Track gauge measured 57.78 to 57.70 inches in two locations near the road crossing on Track 2 yard leads. WMATA yard support team was dispatched and completed repair. Black Condition.</li> <li>TRST 1000, Table 11-2: Track gauge measured 58.05 to 57.78 inches in two locations near the road crossing Track 1 yard leads. WMATA yard support team was dispatched and completed repair. Black Condition.</li> </ul> </li> </ul>	Recommended Reinspection?	Yes
Remedial Action	N/A		



### Agency/Department Information

Federal Transit Administration

Inspection Date	Date YYYY MM DD Report Number 20						20171207-WMATA-AG-1				
inspection Date	2017	12	07	Report Number	20171207-00101414-40-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM Sub- Department						
	1	Name		Email	Office Phone	e	N	1obile Phone			
Rail Agency Department Contact Information											
Inspection Location	Fort Totten (	E06) – AC Swi	tchboard Room	(SWBD)							

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspe	ction Subj	ect	Job Safe	ty Briefi	ng			Activity Co	ode	TI	C	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA Pow	ver Persor	inel			Accompanied Inspector? Yes Out Brief Conducted		Yes	Time	010 050	-	Outside Shift	Yes	
Related Reports	N/A					Related CAPS / Findings N/A			N/A						
	Ref				Rule or S	OP		Standard		Other / T	Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	Л													
Standards, or other															
	Maiı Trac		Yard	Stati	on C	occ	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location				х					Track Type						х
Line(a)	E Ling		Track				Chain Ma	rker		From				То	
Line(s)	E-Line	2	Numbe	r	N/A	i	and/or St	ation(s)	Fort Totten (E	06)		Fort 1	Fotter	n (E06)	
	Hea	d Car N	lumber	1	Number c	f Cars									
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 18:06:14 -05'00'	Date rthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



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

Inspection Activity #	2 Ir	nspection Sub	ect	Correct	tive Mai	intenance C	Observation		Activity Co	ode	Т	Р	RM	OBS	
Job Briefing Employee Name/Title	WMATA	A Power Persoi	nnel			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	010 050		Outside Shift	Yes	
Related Reports	N/A			Related CAPS / Findings N/A											
	Ref			Rule or S	SOP		Standard		Other / 1	Title		Chec	klist Refe	rence	
Related Rules, SOPs, Standards, or Other	AUTOM 480 VOL SWITCH OPERAT SEMI-AN	ENANCE CTIONS (PMI) ATIC BUS TIE LT AC IGEAR TONAL TEST													
Inspection Location	Main Track	Yard	Statio	on (	осс	RTA Facility	FTA Office	Track Type	At-grade Tunnel			Ele	vated	N/A	
			Х											Х	
		Track				Chain Ma	rker		From				То		
Line(s)	E-Line	Numbe	er	N/A		and/or St		Fort Totten (I Room	E06)– AC SW	/BD	Fort <sup>·</sup> Roon		(E06)— A	C SWBD	
Vahialaa	Head (	Car Number	N	lumber	of Cars	Faulta		Fodoral Dasif	ia Flactria (F			chaoar			
Vehicles		N/A		N/A	4	Equip	ment	Federal Pacifi	IC Electric (F	Electric (FPE) 480VAC Swi					
		SO Inspector o							Number	of Defect	ts			1	
		breaker test or		0			0	e test was h of AC #1 and	Recomm	ended Fi	nding?			No	
		icoming line pi				, ,			Remedia	Action I	Require	ed?		Yes	
Description	automa breaker	automatic transfer scheme was working properly. The bus tie-breaker closed automatically when the utility feed was dropped out on AC #2 incoming line breaker, as designed. The following non-color-coded defect was observed: • PMI Automatic Bus Tie 480 Volt AC Switchgear: The bus tie-breaker did not close automatically while testing the main-tie-main automatic transfer scheme on AC #1 Switchgear.									Yes				
Remedial Action	To achie	eve compliance	e with	WMATA	's requi	rements:	us tie-breake	r if a utility fee	d is lost on A	AC Switch	gear #1	L.			



### Agency/Department Information

Federal Transit Administration

Increation Date	YYYY	MM	DD	Donort Number	20171207 \		<b>C</b> 2		
Inspection Date	2017	12	07	Report Number	20171207-WMATA		G-2		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub-Department TKIN				
	٦	lame		Email	Office Phon	e	Ν	Iobile Phone	
Rail Agency Department Contact Information		<b>9</b>							
Inspection Location	Groopholt (E		ark (E09) and P	rince George's Plaza (EC	18) Interlockings				

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspect	tion Sub	ject	Job Sa	afety Brie	efing			Activity Co	de	TR	К	JSB	OBS
Job Briefing Employee Name/Title	RWIC	RWIC #6432					Accompanied Yes Out Brief Conducted			No	Time	2200 – 0500		Outside Shift	Yes
Related Reports	N/A					Rela	ted CAPS / F								
	Ref				Rule or	SOP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRF	РН 4.202													
Standards, or other	RWPI	M			21.10										
	Mai Trac		Yard Station			OCC	RTA Facility	FTA Office	Treads Treas	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x					
Line(s)	Track				N/A		Chain Mar	ker		From	·			То	
Lille(S)	E-Line	=	Numbe	er	IN/A		and/or Sta	ation(s)	Greenbelt (E1	LO)		Greer	nbelt	(E10)	

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, 0=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.12.13 18:20:18 -05'00'	) <b>Date</b> brthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Robert Maniuszko		



	Head Car Number	Number of Cars				
Vehicles	N/A	N/A	Equipment	N/A		
		the workgroup with a job	, ,	• •	Number of Defects	0
	two Advanced Mobile discussed:	Flaggers (AMF) - #6046 &	#6486. The followir	ng items were	Recommended Finding?	No
		oup would be performing	g interlocking inspec	tions at E10,	Remedial Action Required?	No
Description	<ul> <li>Contact Rai</li> <li>Train Approving</li> <li>Train Approving</li> <li>All employee</li> <li>Hazards wee</li> <li>Two inspective</li> <li>WMATA co</li> <li>All Personal</li> <li>Roadway W</li> </ul>	vas comprised of 7 indivi I Power would be energiz pach Warning (TAW) wou form of protection ses will clear to the fence re discussed tors would be doing the i	red ld be used along wit line if instructed by nspection – WMATA PPE) was checked	the RWIC #6191 and	Recommended Reinspection?	No
Remedial Action	N/A					

Inspection Activity #	2	Inspe	ection Sub	ject	Inte	rlocking I	nspection				Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	RWIC	#6432	2				ompanieo ector?	t	Yes	Out Brief Conducted	No	Time	220 050	-	Outside Shift	Yes
Related Reports	N/A					Rela	ated CAPS	i / Findi	ngs	N/A						
	Ref				Rule	or SOP		Sta	andard		Other / 1	Title		Che	cklist Refe	rence
Related Rules, SOPs,	TRST	1000														
Standards, or Other	Inspe	ction F	nly Turnou Form – Rev 22/2016													
	Mai Trac		Yard	Stat	ion	OCC	RTA Facilit		FTA Office	Tue els Ture e	At-grad	At-grade Tunnel			evated	N/A
Inspection Location	x									Track Type	x	X				
Line(s)	E-Line	2	Track			icks 1	Chain				From				То	
. ,			Numbe		and		· ·	Station	1(S)	Greenbelt (E1	10)		Princ	e Geo	orge's Plaza	a (E08)
Vehicles	Hea	d Car I	Number		Numb	per of Cars		uipment	t	N/A						
		N/A				N/A		•								
			nspector a		•						Number	of Defec	ts			0
			ind Prince						•	.0), College ire	Recomm	nended Fi	nding?			No
Description			•	spected, to include switches, clossiles, nogs, neer blocks,							No					
			and contac			e any defe	ects.				Recomm	ended R	einspec	tion?		No
Remedial Action	N/A															

### Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171208-WI		C 1	
Inspection Date	2017	12	08	Report Number	20171206-001	VIATA-A	G-1	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub-Department TKIN			ткім
	1	Name		Email	Office Phon	e	N	1obile Phone
Rail Agency Department Contact Information								
Inspection Location	E-Line, Track	1, College Pa	rk (E09) to West	: Hyattsville (E07)				

#### Inspection Summary

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	fing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6285				Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 140	-	Outside Shift	No
Related Reports	N/A					Relate	ed CAPS /	Findings	N/A						
	Ref				Rule or S	OP		Standard		Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	Μ													
Standards) of Other															
	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	Tue els Turs e	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location				х					Track Type	x					
Line(a)	E Lin	-	Track		N1/A		Chain Ma	rker		From				То	
Line(s)	E-Lin	е	Numbe	r	N/A		and/or St	ation(s)	College Park	(E09)		Colle	ge Pai	rk (E09)	
	Неа	ad Car N	umber	١	Number c	of Cars									
Vehicles		N/A			N/A		Equipment		N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.14 10.49:11 -05'00'	Date rthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Alexander Nepa		



	statio	unit number 6285 con on platform. The briefin ection (RWP) requirement	ng was ful	ly compliant with \	NMATA's ro	adway worker		of Defect ended Fi	-		0 No			
<b>_</b>		ID and personal protect		,		,, , ,	Remedia	l Action F	equired?		No			
Description		rds, and hospital locati	nospital location.  Recommended Reinspection? No											
Remedial Action	N/A													
Inspection Activity #	2	Inspection Subject	Track W	/alker Observation			Activity Co	ode	TRK	WI	OBS			
Job Briefing Employee Name/Title	TRST	Unit 6285		Accompanied Inspector?	Yes	Time	1000 1400	Outside Shift	No					
Related Reports	-	1121-WMATA-AG-1 Related CAPS / Findings Remedial Action ID #s: 1802, 1467, 1464, 1462												

Related Reports	20170723-WMATA-AG-1 Related CAPS / Findings Remedial Action ID #s: 1802, 1467, 1464, 1462													
	Ref		Ru	le or SOP		Standard		Other / Title	5	Chec	klist Ref	erence		
Related Rules, SOPs, Standards, or Other	TRST-100	0												
	Main				RTA	FTA								
inspection Location	Track	Yard	Station	000	Facility	Office	Track Type	At-grade	Tunr	nel Elev	vated	N/A		
	x							х	x	x	Х			
Line(s)	E Line	Track Numbe	er l	Frack 1	Chain Ma and/or St		College Park (	From		West Hyatte	To sville (F			
	Head Ca	r Number		nber of Car			College Park (	209)		west hyatte	sville (E	.07)		
Vehicles		1/A		N/A		ment	N/A							
		•			• •		inspection on	Number of	Defects			2		
					ark (E09) and litions and fo		. ,	Recommen	ded Find	ding?		No		
	issued rer	•	ns. WMA <sup>-</sup>	TA inspecto	or was observ	•	• •	Remedial A	ction Re	equired?		Yes		
Description	•	TRST 1000, at the E08 TRST 1000, E08 crosso wing remedia Remedial A 402+00. Remedial A repaired at Remedial A replaced at	, 13.5.7: , signal at , 9.22: A i ver at E1 al action ID Action ID : E1 406+ Action ID t E1 414+ Action ID	A missing e E1 414+00. missing froj 412+50. s were veri #1802: The #1467: The 60. #1464: The 00.		overboard v ner was obse leted: as been insta pport cable h verboard has	alled at E1 nas been s been	Recommen	ded Rei	nspection?		Yes		
Remedial Action	To achiev		ust repla	ce the miss	ing third rail		rd at E1 414+00	).						
	•	WMATA m	ust reins	tall the frog	g brace at the	E 08 crossov	ver E1 412+50.							



### United States Department of Transportation Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171208-WN			
inspection Date	2017	12	08	Report Number	20171208-001		0-2	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM Sub- Department			
	I	Name		Email	Office Phone	ē	N	1obile Phone
Rail Agency Department Contact Information								
Inspection Location	Silver Spring	(B08)						

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TF	o	JSB	OBS
Job Briefing Employee Name/Title	Shuto	down De	edicated S	Safety	Briefer	Accon Inspec	npanied tor?	Yes	Out Brief Conducted	Yes	Time	0100 050		Outside Shift	Yes
Related Reports	N/A					Relate	d CAPS /	Findings	N/A						
	Ref				Rule or S	OP		Standard		Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPI	RWPM													
Standards, or other	MSRPH														
luce estimate estimate	Mai Trac		Yard	Stati	tation OCC		RTA Facility	FTA Office	Tuesda Taura	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x					
Line(c)	B-Lin	-	Track				Chain Ma	rker		From				То	
Line(s)	B-LIN	e	Numbe	er	N/A		and/or St	ation(s)	Silver Spring (	(B08)		Silver	Sprir	ng (B08)	
Malatata	Hea	ad Car N	umber	1	Number of Cars										
Vehicles		N/A N/A				Equip	ment	N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=US. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.14 10:55:04 -05'00'	Date orthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



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

Inspection Activity #	2 I	nspection Sub	ject	Cable R	eplacem	nent Obser	vation		Activity Co	ode	TP		RM	OBS
Job Briefing Employee Name/Title	Shutdov	wn Dedicated	Safety	Briefer	Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Yes <b>Time</b> 0100 050			)utside Shift	Yes
Related Reports	N/A				Relate	ed CAPS /	Findings	N/A						
	Ref			Rule or S	SOP	DP Standard			Other / 1	Title		Checklist Reference		
Related Rules, SOPs, Standards, or Other	INSTRU FOR JUI EXPANS TRANSI CABLES SYSTEM	ICATION CTIONS (EMI)	NC											
	Main Track	Yard	Statio	on (	DCC	RTA Facility	FTA Office		At-grade Tun			Eleva	ted	N/A
Inspection Location	x							Track Type	x	X				
Line(s)	B-Line	Track Numb	er	Track 1	1	Chain Ma and/or St		B1 448+00	From B1 45			To 450+00		
	Head	Car Number	N	lumber o	of Cars									
Vehicles		N/A		N/A	4	Equip	ment	Positive Feed	ler Cable Pig	tails (100	OMCM,	2kV)		
		'SO inspector o							Number	of Defect	ts			0
		tors replacing +00 and three				0	10		Recomm	ended Fi	nding?			No
		SO inspector o					0		Remedia	I Action I	Require	d?		No
Description       the Engineering Modification Instruction (EMI) for jumper, expansion, and transition power cables replacement system wide, issued September 16, 2016.       Recommended Reinspection?         The FWSO Inspector did not note any defects.       Recommended Reinspection?							No							
Remedial Action	N/A												1	



### Agency/Department Information

Federal Transit Administration

Increation Date	YYYY	MM	DD	Poport Number	20171209-WMATA-AG-1				
Inspection Date	2017	12	9	Report Number	20171209-00	VIATA-A	-1 -1		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub- Department			TKIN	
	Name Email Office Phon					e	Ν	Nobile Phone	
Deil Ageney Department									
Rail Agency Department Contact Information									
Inspection Location	D-Line, Track	ine, Track 1, Potomac Ave. (D08) to Stadium-Armory (D09)							

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspection Sul	oject	Job Safe	ety Brie	efing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 6	6298				ompanied ector?	No	Out Brief Conducted	No	Time	070 150	-	Outside Shift	Yes
Related Reports	N/A			Related CAPS / Findings N/A										
	Ref			Rule or S	OP		Standard		Other / T	ītle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	Λ												
Standards, or Other														
	Mair Trac	Yard	Stati	ion C	OCC	RTA Facility	FTA Office	Treads Tread	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location			х	х				Track Type			х			
Lino(c)	D-Line	Track		N/A		Chain Ma	rker		From				То	
Line(s)	D-LINE	Numb	er	N/A		and/or Sta	ation(s)	Potomac Ave	c Avenue (D08)			Potomac Avenue (D08)		

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



Line(s)

Vehicles

Description

**Remedial Action** 

Stadium-Armory (D09)

0

No

No

No

### United States Department of Transportation Federal Transit Administration

N/A

Head Car Number

N/A

Track 1

Number of Cars

N/A

FWSO Inspector inspected the RWP setup on track one of the D-Line at D1

144+00 and D1 270+00. The RWP setup was correct and fully compliant with the

requirements for exclusive track occupancy. FWSO Inspector also observed direct

fixation fastener replacement at D1 221+00. All roadway workers observed were

working safely with all required PPE. FWSO also observed a Warning Strobe and

Number

Alarm Device in place in the work area at D1 223+00.

The FWSO Inspector did not note any defects.

	Head Ca	ar Number	1	Number o	of Cars									
Vehicles	N/A		N/A	4		Equip	ment	N/A						
							at Potomac		Number	of Defect	ts			0
					•		ATA's road	way worker day, hot spots,	Recomm	ended Fi	nding?			No
Description	ID and pe	· · ·	ctive e	equipmer			n, type of pro	<i>,, , , ,</i>	Remedia	I Action I	Require	ed?		No
	The FWS	O Inspectors	did no	ot note a	ny defect	s.			Recomm	ended Re	einspec	tion?		No
Remedial Action	N/A													
Inspection Activity #	2 Ins	spection Sub	ject	RWP Setup Verification					Activity C	ode	TR	K	WI	PI
Job Briefing Employee Name/Title	TRST 641		I		Accomp Inspect		Yes	Out Brief Conducted	Yes	Time	070 150	-	Outside Shift	Yes
Related Reports	N/A				Related	CAPS /	Findings	N/A						
	Ref			Rule or S	OP		Standard		Other / 1	ītle		Chec	klist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST 100	0												
Inspection Location	Main Track	Yard	Stati	on C		RTA Facility	FTA Office	Track Type	At-grad	At-grade Tunnel Eleva		vated	N/A	
	x						Track Type				х		х	
Line(s)	D-Line	Track		Track 1	c	hain Ma	rker		From				То	

and/or Station(s)

Equipment

Potomac Avenue (D08)

Number of Defects

**Recommended Finding?** 

**Remedial Action Required?** 

**Recommended Reinspection?** 

N/A



### Agency/Department Information

Federal Transit Administration

Increation Data	YYYY	MM	DD	Poport Number	20171211-WN				
Inspection Date	2017	12	11	Report Number	20171211-001	MATA-AG-1			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST Sub-Department TKIN				
	1	Name		Email	Office Phone	e	Mobile Phone		
Rail Agency Department Contact Information		•							
Inspection Location	B-Line, track	Line, track 1, Silver Spring (B08) to Takoma Interlocking							

#### Inspection Summary

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

### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	ing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6321				Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	Μ													
Standards, or other															
	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	Tue els Turs e	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type						
Ling(a)	DLin	•	Track		NI / A		Chain Ma	rker		From		То			
Line(s)	B-Lin	e	Numbe	r	IN/A	N/A and/or S		ation(s)	Silver Spring	(B08) Silv			ver Spring (B08)		
	Hea	ad Car N	umber	1	Number o	of Cars									
Vehicles		N/A			N/A		Equipment N/A								

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.14 11.01:49 -05'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Alexander Nepa		



	TRST unit number 6321 conducted a job safety briefing at the Silver Spring (B08)	Number of Defects	0
	station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot	Recommended Finding?	No
Description	spots, ID and personal protective equipment (PPE) verification, type of protection,	Remedial Action Required?	No
Description	hazards, and hospital location.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A	·	

Inspection Activity #	2	Insp	ection Sub	ject	Trac	k Wall	ker Ob	oservation			Activity Co	ode	TR	К	WI	OBS
Job Briefing Employee Name/Title	TRST	Unit 6	5321				Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A					F	Relate	d CAPS / I	Findings	N/A						
	Ref	Ref Rule			or SOP	Р		Standard	Other / Title				Checklist Reference			
Related Rules, SOPs, Standards, or Other	TRST-1000															
inspection Location	Mai Trac		Yard	Sta	tion	000	с	RTA Facility	FTA Office	Track Type	At-grad	e Tu	Tunnel		vated	N/A
	x									Пасктуре	x			х		
Line(a)	B Line		Track		Tro	ol 1	Chain Marker				From				То	
Line(s)	BLINE	2	Numb	er	Track 1 and/or Stat			and/or St	ation(s)	Silver Spring (	B08)		B1 35	60+00		
Vehicles	Hea	d Car	Number		Numb	er of C	Cars	- Causia		NI / A						
venicies		N/	A			N/A		Equip	ment	N/A						
								•	•	ction on track	Number	of Defec	ts			1
										at B1 350+00. The inspection.	Recomm	ended Fi	nding?			No
	10050	mspe		0361	veu to	be uni	igent c	and attent	ive during ti	ie inspection.	Remedia	Action	Require	d?		Yes
Description	• TRST 1000, Table 13-6: Third rail insulator B1 349+90 was observed to									Yes						
Remedial Action			complianc WMATA m				•		l insulator at	t B1 349+90.						





Figure 1: Defective insulator at B1 349+90.



### United States Department of Transportation Federal Transit Administration

### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171212 \//	10T0 0	C 1			
inspection Date	2017	12	12	Report Number	20171212-WMATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep				
	I	Name		Email	Office Phone	е	N	1obile Phone		
Rail Agency Department Contact Information										
Inspection Location	Rosslyn (C05	)								
Inspection Summary										

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Briefi	ng			Activity Co	ode	TF	<b>)</b>	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA RWI	С			Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	0100 050		Outside Shift	Yes
Related Reports	N/A					Relate	d CAPS /	Findings	N/A						
	Ref				Rule or S	OP	Standard			Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	M													
Standards, or other															
	Mai Trac		Yard	Stati	ion OCC		RTA Facility	FTA Office		At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	х								Track Type			Х			
Line(a)	C-Line	2	Track				Chain Ma	rker	From			То			
Line(s)	C-LINE	e	Numbe	er	N/A		and/or St	ation(s)	Rosslyn (C05)			Rossl	yn (C(	)5)	
	Hea	d Car N	umber	1	Number of Car										
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 16:53:42 -05'00'	Date rthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



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

Inspection Activity #	2	Inspe	ction Sub	ject	Cabl	le Repla	cemer	nt			Activity Co	ode	TP	)	RM	OBS	
Job Briefing Employee Name/Title	WMA	TA RW	IC				ccomp		Yes	Out Brief Conducted	Yes	Time	0100 050		Outside Shift	Yes	
Related Reports	N/A					Re	elated	CAPS / I	indings	N/A							
	Ref	Ref Rule o			or SOP			Standard		Other / 1	Title		Chee	cklist Refe	rence		
Related Rules, SOPs, Standards, or Other	MSRP	MSRPH															
luces stice to estimate	Mair Trac		Yard	Stat	tion	occ		RTA acility	FTA Office	Tuesda Taura	At-grad	e Tu	nnel	Ele	evated	N/A	
Inspection Location	x									Track Type		х					
	<u> </u>		Track		-	.1.2	Chain Marker			From				То			
Line(s)	C-Line		Numbe	er	Ira	ck 2	ar	nd/or Sta	ation(s)	K2 147+00			K2 14	7+00	00		
	Hea	d Car N	lumber		Numb	er of Ca	ars										
Vehicles		N/A			I	N/A		Equip	ment	N/A							
			•						d WMATA po		Number	of Defect	S			0	
						0			h end of five	transition en where the	Recomm	ended Fi	nding?			No	
Barris da Maria									and the com		Remedia	I Action F	Require	d?		No	
Description	conne able t	ector (lu o seep	ug) was cr into the c	impe able.	d onto	o the cat	ble. Th			e from being	Recomm	ended Re	einspec	tion?		No	
Remedial Action	The F	ws0 Ir	nspector o	lid no	ot note	e any de	efects.										
Kenneulai Action	N/A																



### Agency/Department Information

Federal Transit Administration

Increation Data	YYYY	MM	DD	Donout Number	20171212 \		<b>C</b> 2					
Inspection Date	2017	12	12	Report Number	20171212-WMATA-AG-2							
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	ткім				
	1	Name		Email	Office Phon	e	N	Iobile Phone				
Rail Agency Department Contact Information												
Inspection Location	A- and B-Line	- and B-Line, track 1, Gallery Place (B01) to Metro Center (A01), and track 2, Metro Center (A01) to Rhode Island (B04)										

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspe	ction Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6241				Accoi Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	0700 1400		Outside Shift	Yes
Related Reports	N/A					Related CAPS / Findings N/A			N/A						
	Ref			Rule or SC				Standard			Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	М													
	Mai Trac		Yard	Stati	ion (	осс	RTA Facility	FTA Office	Tuesda Taura	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location			х						Track Type						х
Line(c)	N/A		Track				Chain Marker		From			То			
Line(s)	IN/A		Numbe	er	N/A		and/or St	ation(s)	Brentwood Yard (B99) Brentwood Yard (B9				l Yard (B99)		
	Hea	ad Car N	lumber	1	Number of Cars										
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=US. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 17:15:59 -05'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard		



	TRST unit 6241 conducted a job safety briefing at Brentwood Yard (B99) Trailer 1	Number of Defects	0
	The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID	Recommended Finding?	No
Description	and personal protective equipment (PPE) verification, type of protection, hazards,	Remedial Action Required?	No
Description	and hospital location.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	pection Sub	ject	Track	Walker 0	Observatio	n		Activity Co	ode	TR	K	WI	OBS		
Job Briefing Employee Name/Title	TRST	6241					Accompanied Inspector?		Out Brief Conducted	Yes	Time	0700 1400		Outside Shift	Yes		
Related Reports	N/A					Relat	ted CAPS	Findings	N/A								
	Ref				Rule or	or SOP Standard			Other / T	ïtle		Checklist Reference					
Related Rules, SOPs, Standards, or Other	TRST-	1000	) rev. 6										ID N	umbers			
Standards, or Other																	
Increation Location	Mai Trac		Yard	Stati	Facility Office		Treek Turee	At-grade	e Tu	nnel	Ele	vated	N/A				
Inspection Location	x		х	х					Track Type	x		х	х				
1:===(=)	A- an	d B-	Track		Tracks 1 Chain Marker				From				То				
Line(s)	Lines		Numb	er	and 2 and/or Sta		tation(s)	Metro Center (A01)			Rhod	e Islan	id (B04)				
M. 1.1.1.	Неа	id Car	r Number		Number	of Cars											
Vehicles		N,	/A		N/	/A	Equi	pment	N/A								
								0	l inspection of	Number of Defects					1		
								Place(B01) to nd(B04) on tr	Metro Center	Recommended Finding?					Yes		
	· · ·					• •		· · /		Remedial Action Required?					Yes		
Description	The f	Inspector observed that the WMATA contractor inspectors were competent and knowledgeable on track conditions. The following color-coded defect was observed: • TRST 1000, Table 5-11: At B2 086+00 the head of the rail had a ½ inch deep by 1-inch long chip out of the rail. See figure 1 below. Recommended Reinspection? Yes											Yes				
Remedial Action		hieve •	e complianc WMATA m					B2 086+00						÷			



# Photo



Figure 1: Chipped rail at CM B2 086+00.



#### Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171212-WN		1			
inspection Date	2017	12	12	Report Number						
Rail Agency Name	Washington Authority	Metropolit	an Area Transit	Rail Agency Department	RTRA	Sub- Departr	Sub- Department			
	I	Name		Email	Office Phone	e	Mobile Phone			
Rail Agency Department										
Contact Information										
Inspection Location	Red-Line, Ga	llery Place								
Inspection Summary										
Inspection Activity #	1		2	3	4	5		6		

# Inspection Activity #IIIIIIIIIIIIIIActivity CodeRTRA-RI-OBSInspection UnitsIII</t

#### **Activity Summaries**

Inspection Activity #	1	Inspection Sub	ject	Operato	or Obsei	vation			Activity Co	ode	RTF	RA	RI	OBS	
Job Briefing Employee Name/Title	N/A				Accor Inspe	npanied ctor?	No	Out Brief Conducted	No	Time	191 205		Outside Shift	N/A	
Related Reports	Safety	Directive 15-1			Related CAPS / Findings CAPs R-2-18-A			A and R-2-19	9-A						
	Ref			Rule or S	OP Standard			Other / T	ītle		Chec	klist Refer	ence		
Related Rules, SOPs, Standards, or Other	MSRPH	1													
Standards, or other															
	Main Track	Yard	Stat	ion C	DCC	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tu	nnel	Ele	vated	N/A	
Inspection Location	х		х	[				Track Type	x		х		x		
ling(a)	B- Line	Track		Tracks	1	Chain Marker			From			То			
Line(s)	B- Line	Numb	er	and 2		and/or St	ation(s)	Gallery Place	allery Place (B01)			Glenmont (B11)			
	Head	Car Number		Number o	of Cars										
Vehicles	7230	, 3271, 7302, 7252		8,8,8	,8	Equip	ment	N/A							
An FWSO Inspector performed fo					0	•	•		Number	of Defect	s			10	
Description		ery Place (D01) Inspector rode		•	'	l back to G	allery Place	(D01). The	Recommended Finding?					Yes	
	10030	inspector roue	in the	cab ledu	cai.				Remedial Action Required?					No	

Inspector in Charge - Signature		JOHN PHILIP MAYSER Digitally signed Date: PHILIP MAYSER DN: c=US, GOVERNMENT, OU=FRA FRAVancouverWA, DN: c=US, GOVERNMENT, OU=FRA FRAVancouverWA, Date: 2017.12.18 14:47:50 -08'00'
Inspector in Charge – Name John Mayser	Inspection Team John Mayser	

	<ul> <li>Lead Car 7230: An FWSO Inspector observed the train with lead car 7230 from 1853 – 1908 hours, track 1, operating from Gallery Place (B01) to Fort Totten (B06).</li> <li>Lead Car 3271: An FWSO Inspector observed train with lead car 3271 from 1926 – 1934 hours, track 2, operating from Fort Totten (B06) to Silver Springs (B08).</li> <li>Lead Car 7302: An FWSO Inspector observed train with lead car 7302 from 1941 – 1955 hours, track 1, operating from Silver Springs (B08) to Glenmont (B11).</li> <li>Lead Car 7252: An FWSO Inspector observed train with lead car 7252 from 2003 – 2024 hours, track 2, operating from Glenmont (B11) to Gallery Place (B01). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</li> <li>The following non-color-coded defects were observed: <ul> <li>MSRPH, 1.12: Operators of trains with lead cars 7230, 3271, 7302 and 7252 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, SOP 40.5.1.5.2: Operators of trains with lead cars 7230, 3271, 7302 and 7252 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of train with lead cars 7302 did not have a flashlight in his possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-19-A.</li> <li>MSRPH, 3.122: Operator of train with lead cars 7192 did not sound its horn in a series of short blasts when operating against the normal direction arriving and berthing into Glenmont (B11) station on track 2.</li> </ul></li></ul>	
	Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A. After berthing, 7252 became the lead car. Other Notable Observations:	
	<ul> <li>Observed operator using the door Berthing Button on the train with lead car 7230 at all stations. Other operators on the 7000 series cars did not use the Berthing Button.</li> <li>All operators were courteous, and displayed a professional image and attitude.</li> </ul>	
Remedial Action	N/A	



# Agency/Department Information

Federal Transit Administration

Increation Data	YYYY	MM	DD	Poport Number			C 1			
Inspection Date	2017	12	13	Report Number	20171213-WMATA-AG-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department         TRST         Sub- Department         The				TKIN		
	1	Name		Email	Office Phon	e	N	1obile Phone		
Rail Agency Department Contact Information		•								
Inspection Location	D-Line, track 2, Deanwood (D10) to D2 468+20									

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	fing			Activity Co	ode	TR	К	JSB	OBS	
Job Briefing Employee Name/Title	TRST	6269				Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1300		Outside Shift	No	
Related Reports	N/A					Relate	ed CAPS /	Findings	N/A							
	Ref				Rule or S	OP	Standard				ïtle		Che	cklist Refer	ence	
Related Rules, SOPs, Standards, or Other	RWP	Μ														
Standards) of Other																
In an action I anotion	Mai Trac		Yard	Stati	on C	OCC RTA Facility		FTA Office	Tuesda Taura	At-grade	e Tur	nnel	Ele	evated	N/A	
Inspection Location				х					Track Type							
1:00(0)	DLin	_	Track		N1/A		Chain Ma	rker		From			То			
Line(s)	D-Lin	e	Numbe	r	N/A			ation(s)	Deanwood (D	10)		Dean	Deanwood (D10)			
	Hea	ad Car N	umber	١	Number o	of Cars										
Vehicles		N/A			N/A		Equip	ment	N/A							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 10:49:55 -05'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Alexander Nepa		



	TRST unit number 6269 conducted a job safety briefing at Deanwood (D10)	Number of Defects	0
	station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot	Recommended Finding?	No
Description	spots, ID and personal protective equipment (PPE) verification, type of protection,	Remedial Action Required?	No
Description	hazards, and hospital location.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A	I	

Inspection Activity #	2	Inspection Sub	ject	Track V	/alker C	Observation			Activity Co	de	TR	K	WI	OBS
Job Briefing Employee Name/Title	TRST (	Unit 6269				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	Safety	/ Directive 15-1			Relat	ed CAPS /	Findings	CAP: R 2-18-A	A, R 2 19-A					
	Ref			Rule or S	SOP Standard			Other / Title Ch				ist Refer	ence	
Related Rules, SOPs, Standards, or Other	TRST-:	1000		T-16-07										
inspection Location	Mair Tracl	Yard	Stati	ion (	occ	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Eleva	ted	N/A
·	х								х			х		
Line(s)	D Line	Track	er	Track 2	2	Chain Ma and/or St		Deanwood (E	From 010)		D2 46	58+20	То	
Vehicles	Неа	d Car Number	1	Number o N/A		Equip	ment	N/A						
	FWSO	Inspector obse	rved co	-		r perform a	track inspe	tion on track	Number	of Dofor	te			5
	two of	wo of the D line between Deanwoood (D10) and D2 468+20. Contract Inspector Recommended Finding?										No		
	was observed to be diligent and attentive during the inspection.  Remedial Action Required?										-			
Description	The fo	<ul> <li>The following color-coded defects were observed:</li> <li>TRST 1000, Table 5.21: The left rail joint bar at D2 468+20 had no bolts on one side, allowing a two-inch pull-apart. See figure 1 below. Red Condition.</li> <li>TRST 1000, Table 7.1: Six consecutive defective fasteners were observed on the left rail between D2 463+50 and 463+70. Black Condition.</li> <li>The following non-color-coded defects were observed:</li> <li>TRST 1000, 3.1.2.5: The chain marker sign was missing at D2 413+00.</li> <li>TRST 1000, 13.5.7: The end approach coverboard at D2 413+00 was</li> </ul>											Yes	
Remedial Action		<ul><li>WMATA m</li><li>WMATA m</li></ul>	nust ins nust to nust rei	stall two rque the install the	bolts to loose f e down	o the rail joi astener bol ed chain m	arker at D2 4	02 463+50 and		).			1	



# Photos



Figure 1: Missing bolts on the left rail joint at D2 468+20



# United States Department of Transportation Federal Transit Administration

#### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171213-WMATA-AG-2					
inspection Date	2017	12	13	Report Number	20171213-WIMATA-AG-2					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep				
	I	Name		Email	Office Phone		Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	Van Ness – UDC (A06)									

#### Inspection Summary

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ety Briefi	ng			Activity Co	de	TF	<b>)</b>	JSB	OBS
Job Briefing Employee Name/Title	WMA	WMATA RWIC				Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	0100 to 0500		Outside Shift	Yes
Related Reports	N/A	N/A					Related CAPS / Findings N/A								
	Ref		Rule or S				DP Standard			Other / T		Checklist Reference			
Related Rules, SOPs, Standards, or Other	RWP	M													
Standards, or other															
	Mai Trac		Yard	Stati	ion OCC RTA Facility		RTA Facility	FTA Office	<b>T</b>	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location	х								Track Type			х			
Line(a)	A 15-		Track		Tuesda		Chain Ma	rker		From		То			
Line(s)	A-Line	е	Numbe	er	Track 1	L	and/or St	ation(s)	Van Ness – U	DC (A06)		Van N	less –	UDC (A06)	
	Неа	d Car N	umber	1	Number o	of Cars									
Vehicles		N/A			N/A	L.	Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVAND DN: c=U5, o=U.S. Government, ou=FRA FRAFRW cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 16:59:51 -05'00'	D <b>Date</b> /orthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Tino Sahoo		



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

Inspection Activity #	2 I	Inspec	tion Sub	ect	Cable I	Replacer	nent			Activity Co	ode	TI	P	RM	OBS
Job Briefing Employee Name/Title	WMAT.	A RWI	С				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0100		Outside Shift	Yes
Related Reports	N/A					Related CAPS / Findings N/A			I	UU					
	Ref				Rule or	Rule or SOP Standard			Other / T	Checklist Reference					
Related Rules, SOPs, Standards, or Other	ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE (REVISION 2, SEPTEMBER 16, 2016)			DN											
Inspection Location	Main Track		Yard	Stati	on	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Elev	ated	N/A
Inspection Location	х								таск туре			х			
Line(s)	A-Line		Track Numbe	٢	Track	1	Chain Ma and/or St		A1 193+00 A1 194+00	From			93+00 94+00	То	
	Head	Car N	umber	Ν	lumber	of Cars						1			
Vehicles		N/A			N/	A	Equip	ment	N/A						
								d WMATA p		Number	of Defect	ts			0
								und and off t Instruction		Recomm	ended Fi	nding?			No
B					0	0			· /	Remedia	l Action I	Require	ed?		No
Description	jumper, expansion, and transition power cables replace the inspector observed the replacement of two crossov installation of two missing O-Z Gedney bushings at A1 3 <b>The FWSO Inspector did not note any defects.</b>							ver cable pig		Recomm	ended Ro	einspec	tion?		No
Remedial Action	N/A														

# Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171213-WMATA-AG-3						
inspection Date	2017	12	13	Report Number	20171215-001	VIAIA-A	G-2				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	TKIN			
	1	Name		Email	Office Phone	е	N	1obile Phone			
Rail Agency Department Contact Information		•									
Inspection Location	A-Line, track	-Line, track 2, Bethesda (A09) to Woodley Park (A04)									

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6030				Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	es <b>Time</b>		)	Outside Shift	Yes
Related Reports	N/A	I/A				Related CAPS / Findings N/A									
	Ref				Rule or S	OP	OP Standard			Other / 1	Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	Л													
Standards) of State															
	Maiı Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	Tuesda Taura	At-grad	At-grade Tunnel		Ele	evated	N/A
Inspection Location	х		х	х					Track Type	x		х		х	
Line(c)	A Line	2	Track		N/A		Chain Ma	rker		From			То		
Line(s)	A LIN	e	Numbe	er	IN/A		and/or St	ation(s)	Bethesda (A0	9)		Bethe	esda (	A09)	
	Hea	d Car N	umber	٩	Number o	of Cars									
Vehicles		N/A			N/A	Equipment N/A			N/A						

AD	DAM ANTHONY GIOVANDO	DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.12.15 17:04:23 -05'00'	orthTX, ou=DOT FRAFtWorthTX,
	Inspection Team Lee Emard, Brian Altiero		



	TRST unit 6030 conducted a job safety briefing at Bethesda (A09) station	Number of Defects	0
	Platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots,	Recommended Finding?	No
Description	ID and personal protective equipment (PPE) verification, type of protection,	Remedial Action Required?	No
Description	hazards, and hospital location.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	nspection Sub	ject	Track	Observa	tion			Activity Co	ode	TR	ĸ	WI	PI
Job Briefing Employee Name/Title	TRST 60	030				ompanied ector?	Yes	Out Brief Conducted	Yes	Time	0700 1400		Outside Shift	Yes
Related Reports	N/A				Rela	ted CAPS /	Findings	N/A						
	Ref			Rule or	SOP Standard			Other / Title Checkl				klist Refei	rence	
Related Rules, SOPs, Standards, or Other	TRST-1	TRST-1000 rev. 6										ID Nu	umbers	
Inspection Location	Main Track	Main Track Yard Station			OCC	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	vated	N/A
inspection Location	x	х	х	(				паск туре	x		Х	х		
Line(s)	A Line	Track Numb	er	Track	2		Chain Marker and/or Station(s) Bethesda (A09		From 9) Woo		Woo	To /oodley Park (A04)		
	Head	Car Number		Numbei	of Cars									
Vehicles		N/A		N,	A	Equip	ment	N/A						
		FWSO inspectors performed a track walker observation and general inspection of track conditions A-Line between Bethesda (A09) to Woodley Park (A04). FWSO									s			4
	inspectors observed that the WMATA contractor inspectors were competent and knowledgeable on track conditions.									Recommended Finding? Remedial Action Required?				No
														Yes
Description	The fol •	lowing color-c TRST 1000 Joint Bar c	e 5-21: /	At A2 20	from the	Recommended Reinspection?					Yes			
	The fol • •	TRST 1000	) 13.3.4 ) 13.3.4	<b>4:</b> At A2 <b>4:</b> At A2	211+00 161+00	third rail ar third rail ar	nchor was br nchor was br	oken.	Recomm		inspec			163
Remedial Action	To achi • •	<ul> <li>WMATA must repair the third rail anchor at A2 161+00.</li> <li>WMATA must repair the third rail anchor at A2 149+00.</li> </ul>												



# Agency/Department Information

Federal Transit Administration

Increation Data	YYYY	MM	DD	Depart Number	20171212 \\	1 A T A A	C 1	
Inspection Date	2017	12	13	Report Number	20171213-WN	/IATA-A	G-4	
Rail Agency Name	Washington Authority	Metropolitan A	Area Transit	Rail Agency Department	Car Maintenance	Sub- Dep	artment	Inspection
Rail Agency Department	l	Name		Email	Office Phone		N	1obile Phone
Contact Information		_						
Inspection Location	Brentwood R	ail Service and	Inspection Fac	ility (B99)				
Inspection Summary								

#### Inspection Summary

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

#### **Activity Summaries**

Inspection Activity #	1	Inspect	tion Subje	ect			ions – Brent lity (D99)	wood Rail Se	ervice and	Activity Co	ode	VM	I	SI	OBS
Job Briefing Employee Name/Title	N/A						mpanied ector?	No	Out Brief Conducted	Yes	Time	0730- 1000		Outside Shift	No
Related Reports	Audit Metr	of the W	ar Safety /ashingto Area Trar 5, 2017	n		Related CAPS / Findings Finding #14			Finding #14						
Related Rules, SOPs,	Ref				Rule or S	SOP Standard			Other / Title Checklist Reference			ence			
Standards, or Other	MSRF	MSRPH													
	Mai Trac		Yard	Stati	ion (	on OCC F		FTA Office		At-grad	e Tu	nnel	Ele	vated	N/A
Inspection Location							х		Track Type						Х
Line(s)	N/A		Track		N/A		Chain Mar			From				То	
	,		Numbe	r	,		and/or Sta	ation(s)	N/A			N/A			
Vehicles	Hea	ad Car Nu	umber		Number o	of Cars	Faulte	mont	NI/A						
venicies		N/A			N/A		Equip	nent	N/A						
Description	FWSC	) inspect	or condu	cted a	an inspec	ion to f	follow up or	wMATA pro	ogress for	Number	of Defect	s			1

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWort cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 08:41:16 -05'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Bill Hultsch		



	finding #14 regarding shop pits without fall barriers from the Tri-State Oversight	Recommended Finding?	No
	Committee (TOC) audit conducted March 2017. FWSO inspector interviewed shop Assistant Superintendent and inspected areas of the shop where pits were exposed	<b>Remedial Action Required?</b>	Yes
	without fall protection.		
	<ul> <li>The following non-color-coded defect was observed:</li> <li>WMATA has not addressed TOC finding #14 related to fall protection.</li> </ul>	Recommended Reinspection?	Yes
Remedial Action	To achieve compliance with WMATA's requirements: • WMATA must add fall protection to inspection pit at Brentwood Yard.		



# Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171214-WN	1 A T A A	C 1		
inspection date	2017	12	14	Report Number	20171214-001	VIATA-A	-1 1		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep	artment		
	I	Name		Email	Office Phone		Mobile Phone		
Rail Agency Department Contact Information									
Inspection Location	New Carrollt	on (D13) – AC	Switchboard R	oom (SWBD)					

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspection Su	ıbject	New Ca	rrollton (	D13) – Jo	b Safety Brie	fing	Activity Co	ode	TF	o	JSB	OBS
Job Briefing Employee Name/Title	WMA.	TA Power Pers	onnel		Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	010 050		Outside Shift	Yes
Related Reports	N/A				Relate	d CAPS / I	Findings	N/A						
	Ref			Rule or S	OP		Standard		Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other														
Standards, or other														
	Mair Tracl	Yard	Stat	ion C	DCC	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			>	(				Track Type						х
line(a)	Diline	Trac	(	N1/0		Chain Ma	rker		From				То	
Line(s)	D-Line	Num	ber	N/A	1	and/or Sta	ation(s)	New Carrollto	on (D13)		New	Carro	llton (D13)	
	Head	d Car Number		Number o	of Cars									
Vehicles		N/A		N/A	L	Equip	ment	N/A						

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



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

Inspection Activity #	2 I	nspect	tion Sub	ject	Correct	ive Mai	ntenance			Activity C	ode	Т	Р	RM	OBS
Job Briefing Employee Name/Title	WMAT	A Powe	er Perso	nnel			mpanied ector?	Yes	Out Brief Conducted	Yes	Time	010 05	00- 00	Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref			F	Rule or S	SOP		Standard		Other / '	Title		Che	Checklist Reference	
Related Rules, SOPs, Standards, or Other	PREVEN MAINTI INSTRU AUTOM 480 VO SWITCH OPERA SEMI-A (REVISI 2013)	ENANC CTION IATIC B LT AC IGEAR FIONAL NNUAL	IS (PMI) BUS TIE L TEST												
Inspection Location	Main Track	١	Yard		tation O X		RTA Facility	FTA Office	Track Type	At-grad	e Tu	unnel E		evated	N/A X
				~											
1	D.L.		Track				Chain Ma	rker		From				То	
Line(s)	D-Line		Numbe	er	N/A		and/or Station(s) New Carroll Room			on (D13) - A	C SWBD	New Roor		lton (D13)	- AC SWB
	Head	Car Nu	umber	N	umber o	of Cars				<b>c</b> .					
Vehicles		N/A			N/A	Ą	Equip	ment	Square D (Ma	anutacturer	)13.8KV S	SWITCH	gear		
			•				•	nel troubles		Number	of Defect	ts			0
			0		. ,			are D (Manui	facturer) tripped in the	Recomm	nended Fi	nding?	1		No
				0		•	. ,	et the PLC. N		Remedia	al Action I	Require	ed?		No
Description	The ins tie-brea using te PLC to s primary was wo power using th PMI.	breaker was closed, and the PLC was powered up and all the faults had cleared. The inspector also observed WMATA power personnel perform an automatic bus tie-breaker test on AC Switchgear #1 and AC Switchgear #2. The test was done using test switches and the Human Machine Interface (HMI) - touchscreen of the PLC to simulate the loss of utility power to each of AC #1 and AC #2 incoming line primary main breakers to ensure the main-tie-main automatic transfer scheme was working properly. The bus tie-breaker did close automatically when utility power was lost on each of AC #1 and AC #2 incoming line primary main breakers using the test switches and the PLC. The tests were done in accordance with the PMI.						nended Ro	einspec	ction?		No			
		SO Ins	spector o	did not	note an	y defec	cts.								
Remedial Action	N/A														



# Federal Transit Administration Agency/Department Information

Increation Data	YYYY	MM	DD	Donort Number	20171214-WN	AATA AC	· •	
Inspection Date	2017	12	14	Report Number	20171214-001	VIATA-AG	J-Z	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Depar	rtment	TKIN
	1	Name		Email	Office Phone	e	N	Iobile Phone
Rail Agency Department Contact Information								
Inspection Location	B-Line, track 2, Rhode Island Avenue (B04) to Fort Totten (B06)							

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Briefi	ng			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6321				Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	1000 1300		Outside Shift	No
Related Reports	N/A					Relate	d CAPS /	Findings	N/A						
	Ref				Rule or S	ОР		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	M													
Standards, or other															
	Mai Trac		Yard	Stati	ion C	OCC	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type						
Line(c)	Dlin	•	Track			(	Chain Ma	rker		From				То	
Line(s)	B-Line	е	Numbe	r	N/A	1	and/or St	ation(s)	Rhode Island	Avenue (BO	4)	Rhod	e Islai	nd Avenue	(B04)
	Hea	d Car Nu	umber	1	Number c	of Cars									
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.18 17:03:22 -05'00'	
Inspector in Charge – Name Adam Giovando	Inspection Team Brian Altiero, Alexander Nepa		



	TRST unit number 6321 conducted a job safety briefing at Rhode Island Ave. (B04)	Number of Defects	0
	station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots,	Recommended Finding?	No
Description	RWP ID and personal protective equipment (PPE) verification, type of protection,	Remedial Action Required?	No
Description	hazards, and hospital location.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Ins	pection Sub	ject	Tra	ck Wa	alker Ol	bservation			Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	TRST	Unit	6321				Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings								·		
	Ref				Rule	or SO	)P		Standard		Other / T	ïtle		Chee	cklist Refe	ence
Related Rules, SOPs, Standards, or Other	TRST	-1000	)													
Standards, or Other																
	Ma Tra		Yard	Stat	tion	00	cc	RTA Facility	FTA Office	<b>T</b>   <b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A
inspection Location	x					Track Type				х		х		х		
			Track						From			1	То			
Line(s)	B-Lin	e	Numb	er	Ira	ack 2		and/or St	ation(s)	Rhode Island	Avenue (BO	4)	Fort 1	Fotten	(B06)	
	Hea	ad Ca	r Number		Numb	per of	Cars									
Vehicles		N	/A			N/A		Equip	ment	N/A						
							•	•		ction on track	Number	of Defect	s			2
								, ,	and Fort Tot entive during	· · ·	Recomm	ended Fi	nding?			No
	inspe			35 005	erveu	to be	anige	ni anu allo	entive during	g the	Remedia	l Action F	Require	d?		Yes
Description	The f	ollov •	• TRST 1000, 3.1.2.5: A Down chain marker was observed at B2 252+00.       Recommended Reinspection?       Yes													
Remedial Action	To ac	chieve •		nust re	einstal	ll the	downe	d chain m	arker at B2 2 e toe joint of	52+00. the frog at the	B2 258+00,	3B switch	1.			



# Photos



Figure 1: Incorrect joint bar and missing Pandrol clips at B2 258+00. 3B switch.



# Agency/Department Information

Federal Transit Administration

0 <i>n n n</i>								
Inspection Data	YYYY	MM	DD	Depart Number	20171214 \A/A			
Inspection Date	2017	12	14	Report Number 20171214-WN		VIATA-V	VP-1	
Rail Agency Name	Washington Authority	Metropolita	n Area Transit	Rail Agency DepartmentCar MaintenanceSub- Department				Inspection
		Name		Email	Office Phone	е	N	Iobile Phone
Rail Agency Department Contact Information		I						
Inspection Location	Shady Grove	Rail Service	and Inspection Fa	acility (A99)				
nspection Summary								
Inspection Activity #	1		2	3	4		5	6

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

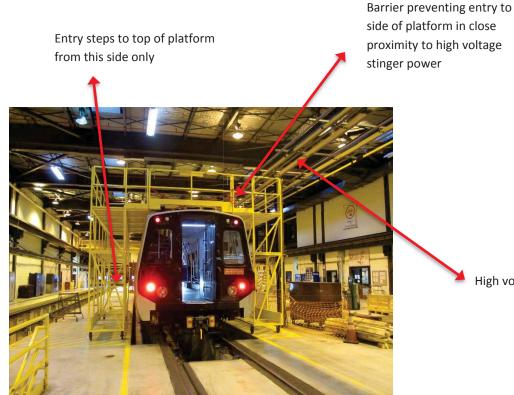
## **Activity Summaries**

Inspection Activity #	1	Inspect	ion Subj	ect	Shop O	oservati	ons			Activity Co	ode	VM	SI	OBS
Job Briefing Employee Name/Title	N/A						Accompanied Inspector?		Out Brief Conducted	Yes	Time	0730- 0930	Outside Shift	No
Related Reports	Audit Metro Autho	of the W	ar Safety Vashingto Area Trai 5, 2017	n	Security	Relate	ed CAPS / I	Findings	Finding #17					
Related Rules, SOPs,	Ref				Rule or S	OP		Standard		Other / T	ïtle	C	Checklist Refe	rence
Standards, or Other	N/A		N/A		N/A	N/A				N/A		١	N/A	
	Mai Trac	N N	/ard	Stat	ion C	DCC	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tu	nnel	Elevated	N/A
Inspection Location							х		Track Type					х
ling(a)	N/A		Track		N/A		Chain Ma	rker		From			То	
Line(s)	N/A		Numbe	r	N/A		and/or St	ation(s)	N/A			N/A		
Vahialaa	Hea	d Car Nu	ımber		Number o	of Cars	- Faulta		51/0					
Vehicles		N/A			N/A	L L	Equip	ment	N/A					
Description										Number	of Defect	ts		1

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L. POWELL Dbt: c=US, c=U.S. Government, cu=FTAHQ, ou=DOT Headquarters, cn=N Date: 2017.122908414-0-0500	VINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Bill Hultsch		



	FWSO Inspector conducted an inspection to follow up on WMATA progress for	Recommended Finding?	No
	finding #17 regarding work being performed on 7000-series rail cars on	<b>Remedial Action Required?</b>	Yes
	<ul> <li>scaffolding near the ceiling-mounted stinger power rail from the Tri-State Oversight Committee (TOC) audit conducted March 2017. The TOC CAP denoted that wheels were not locked on the scaffolding when the inspection was conducted.</li> <li>FWSO Inspector observed the following interim practices to abate safety risk while performing work on scaffolding:         <ul> <li>WMATA has placed a physical barrier to prevent inadvertent access to the side of the platform where the stinger power is located. Figure 1 below depicts the location of high voltage stinger power lines with respect to platform access and the barrier.</li> </ul> </li> </ul>		
	<ul> <li>WMATA has stressed the importance of locking the wheels by placing signage on the access steps to the platform and that the equipment is special purpose and not to be used by untrained personnel. Figure 2 below depicts the reminder for employees to lock the casters.</li> </ul>	Recommended Reinspection?	Yes
	FWSO Inspector was not able to verify a written procedure detailing proper use of scaffolding and was informed verbally that WMATA was in the process vetting a formal procedure internally within WMATA's configuration management process.		
	<ul> <li>The following non-color-coded defect was observed:</li> <li>WMATA has not addressed TOC finding #17 regarding work near the stinger.</li> </ul>		
Remedial Action	To achieve compliance with TOC finding #17: • WMATA must provide a completed procedure detailing proper use of sc	affolding at Shady Grove Yard (A99)	



High voltage stinger power lines

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

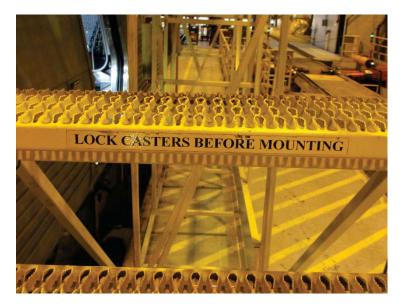


Figure 2: Warning labels on platform access steps



# Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	mber 20171215-WMATA-AG-1					
inspection Date	2017	12	15	Report Number	20171215-001	L				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM Sub- Department					
	1	Name		Email	Office Phone	e	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	Minnesota A	linnesota Ave. Traction Power Substation (TPSS) and Minnesota Ave. (D09)								

#### Inspection Summary

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ject	Safety E	Briefing				Activity Co	ode	TF	<b>)</b>	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA RWI	С			Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	0100 050		Outside Shift	Yes
Related Reports	N/A					Relate	d CAPS /	Findings	N/A						
	Ref				Rule or S	r SOP Standard				Other / T	Title		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	M													
Standards, or other															
	Mai Trac		Yard	Stati	on (	DCC	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x					
Line(a)	D-Line	•	Track				Chain Ma	rker		From				То	
Line(s)	D-LIN	e	Numbe	er	N/A		and/or St	ation(s)	Minnesota Av	ve. (D09)		Minn	esota	Ave. (D09)	
	Hea	d Car N	umber	١	Number o	of Cars									
Vehicles		N/A			N/A	L.	Equip	ment	N/A						

Inspector in Charge - Signature		gned by ADAM ANTHONY GIOVANDO o=U.S. Government, ou=FRA FRAFtWort ANTHONY GIOVANDO 7.12.18 17:05:55 -05'00'	Date hTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



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

Inspection Activity #	2	Inspec	tion Subj	ect	Cable	Replace	ment			Activity Co	ode	TP		RM	OBS	
Job Briefing Employee Name/Title	WMA <sup>-</sup>	ΓA RWI	C				ompanied ector?	Yes	Out Brief Conducted	Yes	Time	0100 to 0500		Outside Shift	Yes	
Related Reports	N/A					Rela	ted CAPS /	Findings	N/A							
	Ref				Rule or	SOP		Standard		Other / T	ītle		Cheo	cklist Refe	rence	
Related Rules, SOPs, Standards, or Other	MSRP	Н														
	Mair Tracl		Yard	Stati	ion	осс	RTA Facility	FTA Office	<b>T</b>   <b>T</b>	At-grad	e Tu	nnel	Ele	vated	N/A	
Inspection Location	x								Track Type	x						
	D.L.	1	Track		Turk	2	Chain Ma	rker		From				То		
Line(s)	D-Line		Numbe	r	Track	2	and/or S	ation(s)	Minnesota Av	ve. TPSS		D2 313	3+00			
	Неас	d Car N	umber	I	Number	of Cars										
Vehicles		N/A			N/	'A	Equip	oment	Negative Ret	urn Cables (	10001/100	/I, 2KV)				
								d WMATA p		Number	of Defect	s			0	
				0	,			e Minnesota nd at D2 313	Ave. Traction	Recomm	ended Fi	nding?			No	
Barris da Maria			· ·	'	,				innesota Ave.	Remedia	Action I	Required	d?		No	
Description	to trac	IPSS through underground duct bank to a cable vault that was wayside adjacent to track 2.  Recommended Reinspection? No  The FWSO Inspector did not note any defects.													No	
Remedial Action	N/A	vsu in	spector a	iu no	n note a	ny dete	CLS.									
	,,,															



# United States Department of Transportation Federal Transit Administration

#### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171215-WM		2	
inspection Date	2017	12	15	Report Number	20171215-001	MATA-AG	J-Z	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Depar	rtment	ΤΚΙΝ
	1	lame		Email	Office Phone	e	N	lobile Phone
Rail Agency Department Contact Information		 						
Inspection Location	D-Line, Track	2, Smithsonia	an (D02) to Stad	ium-Armory (D08)				

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	ction Subj	ject	Job Safe	ety Brief	fing				Activity C	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	6464				Accor Inspe	npanied ctor?	Yes		Out Brief Conducted	Yes	Time	2100 0500		Outside Shift	Yes
Related Reports	N/A					Relate	ed CAPS	/ Findings		N/A						
	Ref				Rule or S	SOP Standard				Other / 1		Che	cklist Refer	ence		
Related Rules, SOPs, Standards, or Other	RWP	M														
otandaras) or other																
	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office		Tuesda Turas	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	х			х						Track Type			Х			
Ling(a)			Track				Chain N	larker			From				То	
Line(s)	D-Lin	ie	Numbe	er	N/A		and/or	Station(s)		Stadium-Arm	ory (D08)		Stadi	um-A	rmory (D08	)
	Hea	d Car N	umber	١	Number c	of Cars	_									
Vehicles		N/A			N/A		Equ	ipment		N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo on=ADAM ANTHONY GIOVANDO Date: 2017.12.18 17:09:18 -05'00'	Date rthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Lee Emard, Brian Altiero		



	TRST unit 6464 conducted a job safety briefing at Stadium-Armory (D08) station	Number of Defects	0
	platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots,	Recommended Finding?	No
Description	RWP ID and personal protective equipment (PPE) verification, type of protection,	Remedial Action Required?	No
Description	hazards, and hospital location.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	Track V	Valker (	Observatior	1		Activity C	ode	TR	K	WI	OBS		
Job Briefing Employee Name/Title	TRST	6464					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	2100 0500		Outside Shift	Yes		
Related Reports	20170	)927-	WMATA-A	G-3		Rela	ted CAPS /	Findings	Remedial Act	tion ID Num	bers: 166	0,1662,	1663,10	556,1666			
	Ref				Rule or S	SOP		Standard		Other / -	Title		Check	list Refe	ist Reference		
Related Rules, SOPs, Standards, or Other	TRST-	1000	rev. 6														
Increation Location	Main Trac		Yard	Statio	on	осс	RTA Facility	FTA Office	Treak Ture	At-grad	e Tu	nnel	Elev	ated	N/A		
Inspection Location	x			Х					Track Type			Х					
	D-Lin	0	Track		Track	n	Chain Ma	rker		From	÷			То			
	D-LIII	e	Numb	er	HACK	Z	and/or St	ation(s)	Smithsonian	(D02)		Stadi	um-Arn	nory (D08	3)		
Vehicles	Hea	d Car N/	Number	Ν	lumber N//		Equip	ment	N/A								
	FWSO	) insp	ectors obs	erved V	VMATA	employ	ees and co	ntractors pe	rform a track	Number	of Defect	ts			2		
								· · ·	nd Stadium-	Recomm	nended Fi	nding?			No		
			08). Inspect issued rem			Remedia	al Action I	Require	ed?		Yes						
Description	The fc	<ul> <li>bilow</li> <li>bilow</li> <li>a</li> <li>a<th>ing non-co TRST 1000 154+00. TRST 1000 188+00. ing remedial board at D Remedial board at D Remedial board at D Remedial board at D Remedial board at D</th><th>lor-cod , 13.3.4 , 13.3.1 al action 2 043+ Action 2 044+ Action 2 067+ Action 2 090+ Action</th><th>led defe 1: A brol 1: The o ons were 1D #166 60. 1D #166 00. 1D #165 60 and 1D #166</th><th>ects were ken thir end app e verific 0: WM/ 2: WM/ 3: WM/ 6: WM/ D2 090 56: WM</th><th>re observed d rail ancho proach cove ed as comp ATA has rep ATA has rep ATA has rep ATA has rep +70.</th><th>or was obser Ir board was l<b>ete:</b> laced end aj laced end aj laced end aj</th><th>ved at D2 missing at D2 oproach cover oproach cover oproach cover ive fasteners</th><th>Recomm</th><th>nended Ro</th><th>einspec</th><th>tion?</th><th></th><th>Yes</th></li></ul>	ing non-co TRST 1000 154+00. TRST 1000 188+00. ing remedial board at D Remedial board at D Remedial board at D Remedial board at D Remedial board at D	lor-cod , 13.3.4 , 13.3.1 al action 2 043+ Action 2 044+ Action 2 067+ Action 2 090+ Action	led defe 1: A brol 1: The o ons were 1D #166 60. 1D #166 00. 1D #165 60 and 1D #166	ects were ken thir end app e verific 0: WM/ 2: WM/ 3: WM/ 6: WM/ D2 090 56: WM	re observed d rail ancho proach cove ed as comp ATA has rep ATA has rep ATA has rep ATA has rep +70.	or was obser Ir board was l <b>ete:</b> laced end aj laced end aj laced end aj	ved at D2 missing at D2 oproach cover oproach cover oproach cover ive fasteners	Recomm	nended Ro	einspec	tion?		Yes		
Remedial Action		•	complianc WMATA m	e with nust rep	WMATA blace thi	's requ rd rail a	nchor arm	at D2 154+0 board at D2 1									



#### Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171215-WN	1ATA 11	<b>M</b> 1	
inspection Date	2017	12	15	Report Number	20171215-001	VIATA-JI	VI-T	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	RTRA	Sub- Dep	artment	
	I	Name		Email	Office Phone	9	Ν	Iobile Phone
Rail Agency Department Contact Information								
Inspection Location	Red-Line, Ga	llery Place (B0	1) to Takoma (E	307) to Woodley Park (A	A04)			
nspection Summary								

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

#### **Activity Summaries**

Inspection Activity #	1	Inspection Sub	ject	Operato	or Obse	rvation			Activity Co	ode	RT	RA	RI	OBS	
Job Briefing Employee Name/Title	N/A				Accor Inspe	npanied ctor?	No	Out Brief Conducted	No	Time	152 164	-	Outside Shift	N/A	
Related Reports	Safety	Directive 15-1			Relat	ed CAPS /	Findings	CAPs R-2-18-	A and R-2-19	9-A		i			
	Ref			Rule or S	r SOP Standard			Other / T	ītle		Checklist Reference				
Related Rules, SOPs, Standards, or Other	MSRPH	ł													
	Main Track	Yard	Stati	ion C	DCC	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Ele	vated	N/A	
Inspection Location	х		х					Track Type	x		Х		х		
ling(a)	B-Line	& Track		Tracks	1	Chain Ma	rker		From				То		
Line(s)	A-Line	Numb	er	and 2		and/or St	ation(s)	Gallery Place	(B01) Woodle				odley Park (A04)		
	Head	Car Number		Number o	of Cars										
Vehicles	7340	, 3153, 3263, 7252		8,6,6	,8	Equip	ment	N/A							
		SO Inspector p				•	•		Number	of Defect	s			8	
Description		ery Place (B01) B01). The FWS		•	,		. ,	ack to Gallery	Recomm	ended Fi	nding?			Yes	
	Flace (	DOT). THE FWS	Jinsp		ennule		aı.		Remedia	Action F	Require	ed?		No	

Inspector in Charge - Signature		JOHN PHILIP MAYSER Digitally signed <b>Date</b> N PHILIP MAYSER DN: C=US, O=US, Government, ou=FORA FRAVancouverW. Ou=DOT FRAVancouverW. Charles A Covernment, ou-SHA FRAVancouverW. Date: 2017.12,18 14:25:32 -08100
Inspector in Charge – Name John Mayser	Inspection Team John Mayser	



	<ul> <li>Lead Car 7340: An FWSO Inspector observed the train with lead car 7340 from 1520 – 1541 hours, track 1, operating from Gallery Place (B01) to Takoma (B07). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</li> <li>Lead Car 3153: An FWSO Inspector observed train with lead car 3153 from 1555 – 1614 hours, track 2, operating from Takoma (B07) to Judiciary Square (B02).</li> <li>Lead Car 3263: An FWSO Inspector observed train with lead car 3263 from 1619 – 1633 hours, track 2, operating from Judiciary Square (B02) to Woodley Park (A04). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</li> <li>Lead Car 7252: An FWSO Inspector observed train with lead car 7252 from 1636 – 1646 hours, track 1, operating from Woodley Park (A04) to Gallery Place (B01). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</li> <li>The following non-color-coded defects were observed: <ul> <li>MSRPH, 1.12: Operators of trains with lead cars 7340, 3153, 3263 and 7302 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possesion. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, SOP 405.15.2: Operators of trains with lead cars 7340, 3153, 3263 and 7302 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (S) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> </ul> </li> <li>Other Notable Observations: <ul> <li>The train operator with lead car 7252 exhibited excellent train handling skill.</li> &lt;</ul></li></ul>
Remedial Action	



## Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20171216 \	10T0 0	C 1		
inspection Date	2017	12	16	Report Number	20171216-WMATA-AG-1				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM Sub- Department				
	ı	Name		Email	Office Phone	9	N	1obile Phone	
Rail Agency Department Contact Information									
Inspection Location	B-Line Shutdown – Brookland-CUA (B05) – Track 1 and 2								

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ety Briefi	ng			Activity Co	ode	TF	<b>)</b>	JSB	OBS
Job Briefing Employee Name/Title	Shutdown Dedicated Safety Briefer			Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	010 050	-	Outside Shift	Yes		
Related Reports	N/A			Relat				Findings	N/A						
	Ref Rule or			OP		Standard		Other / T	Title		Che	cklist Refer	ence		
Related Rules, SOPs, Standards, or Other	RWP	N													
Standards, or other	MSRP	чΗ													
	Mai Trac		Yard	Stati	on C	DCC	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	х								Track Type	x					
Line(c)	B-Line	2	Track				Chain Ma	rker		From		То			
Line(s)	B-LIN6	e	Numbe	er	N/A	-	and/or Station(s) Brookland-CU		JA (B05)		Brool	kland-	-CUA (B05)		
	Hea	d Car N	umber	١	Number o	of Cars		Equipment N/A							
Vehicles		N/A			N/A		Equip	ment							

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWorth ANTHONY GIOVANDO Date: 2017.12.21 09:33:53 -05'00'	Date TX, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



<b>-</b>	wn dedicated y worker /iewed. The d safety rule of	Recomm	of Defect ended Fir I Action R		0 No No						
Description	shutdown dedicated safety briefer covered the nearest hospital and safety rule of the day. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. The FWSO Inspector did not note any defects.							ended Re		No	
Remedial Action	N/A										
Inspection Activity #	2	Inspection Subject	Power I	solation of track			Activity Co	ode	ТР	RM	OBS
Job Briefing Employee Name/Title	Shute	down Dedicated Safety	Briefer	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	0100- 0500	Outside Shift	Yes

Name/Title			,		Inspe	ector?		Conducted	0500 Shift						
Related Reports	N/A				Relat	ed CAPS /	Findings	N/A							
	Ref			Rule or S	SOP		Standard		Other / T	ïtle	(	Checklist Refe	erence		
Related Rules, SOPs, Standards, or Other	MSRPH														
Inspection Location	Main Track	Yard	Stati	ion (	DCC	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Elevated	N/A		
inspection Location	х							Пасктуре	x						
		Track				Chain Ma	F Chain Marker			From			То		
.ine(s)	B-Line	Numb	er	Track 1	1 & 2	and/or St		B1 204+00	B1 204+00						
								B2 204+00			B2 204-	+00			
Vehicles	Head Ca	r Number	1	Number o	of Cars	Equip	mont	N/A							
venicies	Ν	/A		N/A	4	Equip	ment								
		•			•	•	ment perfor		Number	of Defect	s		0		
								ookland-CUA +94 energized	Recomm	ended Fi	nding?		No		
	`` '				0		the connect	0	Remedia	l Action I	Required	?	No		
Description	conduit st cables insi for four ca	ub-up by di	sconne Ige boo In traci	ecting the ot cable c k 1 and tr	e compr connect rack 2 fc	ression con or assembl or a total of	, ,						No		
Remedial Action	N/A														



## Agency/Department Information

Federal Transit Administration

Increation Data	YYYY	MM	DD	Poport Number	er 20171216-WMATA-JM-1					
Inspection Date	2017	12	16	Report Number	10er 20171216-WW	VIATA-JI	VI-T			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department         RTRA         Sub- Department						
Name			Email	Office Phone		Mobile Phone				
Rail Agency Department Contact Information										
Inspection Location	D- and G-Lines, L'Enfant Plaza (F03) to Largo Town Center (G05)									

#### Inspection Summary

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

#### **Activity Summaries**

Inspection Activity #	1	Inspect	tion Subj	ect	Operato	or Obse	rvation			Activity Co	ode	RTF	RA	RI	OBS
Job Briefing Employee Name/Title	N/A				Accompanied Inspector?			No	Out Brief Conducted	No	Time	191 205		Outside Shift	N/A
Related Reports	Safety	Directi	ive 15-1			Relat	ed CAPS /	Findings	CAPs R-2-18-A	A and R-2-19	9-A				
	Ref	Rule or S			OP		Standard		Other / T	Title		Check	dist Refe	ence	
Related Rules, SOPs, Standards, or Other	MSRPI	Н													
Standards, or Other															
	Mair Tracl		Yard	Stat	ion C	DCC	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Elev	ated	N/A
Inspection Location	х			х					Track Type	x		х		x	
line(a)	D-C ar	nd	Track		Tracks	1	Chain Ma	rker		From				То	
Line(s)	J-Lines	5	Numbe	r	and 2		and/or St	ation(s)	L'Enfant Plaza	a (D03)		Franc	onia-Sp	oringfield	(JO3)
	Head	d Car Nu	umber		Number o	of Cars									
Vehicles	7448	3, 5030, 7038			8,6,6	,8	Equipment N/A								
							0	•	ginning on the	Number	of Defect	ts			11
Description								ld (JO3) and l ab lead car.	back to	Recomm	ended Fi	nding?			Yes
	LIIIa	110 1 1020	a (003). I	nerv	v 50 mspt					Remedia	I Action I	Require	d?		No

Inspector in Charge - Signature		JOHN PHILIP MAYSER	Digitally signed by <b>Date</b> -IILIP MAYSER DN: c=US, o=U.S. Government, ou=FRA FRAVancouverWA, ou=DOT FRAVancouverWA, cn=JOHN PHILIP MAYSER Date: 2017.12.18 14:35:53 -08'00'
Inspector in Charge – Name John Mayser	Inspection Team John Mayser		

Lead Car 7448: An FWSD Inspector observed the train with lead car 7448 from 1551 – 1516 hours, track 2, operating from L'Enfant Plaza (D03) to Pentagon (C07).         Lead Car 5030: An FWSD Inspector observed train with lead car 5030 from 1619 – 1548 hours, track 2, operating from Pentagon (C07) to Franconia-Springfield (D03). The train operator property responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.         Lead Car 5138: An FWSD Inspector observed train with lead car 5138 from 1658 – 1725 hours, track 2, and 1, operating from Franconia-Springfield (D03) to Pentagon (C07). The train operator property responded to the continual loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.         Lead Car 7038: An FWSD Inspector observed train with lead car 7148, 5000, 5138, and 7038 did not have their copy of the MSRPH, Permanet Orders and Trampary Orders and trains with lead car 7148, 5000, 5138, and 7038 did not have their copy of the MSRPH, Permanet Orders and Trampary Orders and Trains with lead car 7148, 5000, 5138, and 7038 did not nome their copy of the MSRPH, Permanet Orders and Tempary Orders and Trains with lead car 7148, 500, 5138, and 7038 did not nome their copy of the MSRPH, Permanet Orders and Tempary Orders and The and and 51-15-20 pentator of trains with lead car 7148, 506, 5138, and 7038 did not nomy with the rule that stars in part. "Took at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your adde for five (5) sconds, hefferer ta add as 82-19-A.         MSRPH, 1.32. Operator of train with lead car 7248 did not sound the non approaching the tunnel operation of trains did for the sound the train to observe the add as 14-19-A.         MSRPH, 1.33. Operator of			
<ul> <li>1648 hours, track 2, operating from Pentagon (C07) to Franconia-Springfield (J03). The train operator properly responded to the loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</li> <li>Lead Car 5138: An FWSO Inspector observed train with lead car 5138 from 1658 – 1725 hours, tracks 2 and 1, operating from Franconia-Springfield (J03) to Pentagon (C07). The train operator properly responded to the continual loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRPH rule 3.79.</li> <li>Lead Car 7038: An FWSO Inspector observed train with lead car 7038 from 1738 – 1759 hours, track 1, operating from Pentagon (C07) to U'Enfant Plaza (D03).</li> <li>The following non-color-coded defects were observed:         <ul> <li>MSRPH, 112: 20 porators of trains with lead cars 7448, 5030, 5138, and 7038 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Romedia laction for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 120: 303 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> </ul> </li> <li>MSRPH, 4.31: Operator of train with lead car 7448 did not sound the horm approaching the tunnel opening on track 2 after Rosslyn (C05). Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.32: Operator of train with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs</li></ul>		1551 – 1616 hours, track 2, operating from L'Enfant Plaza (D03) to Pentagon	
<ul> <li>1225 hours, tracks 2 and 1, operating from Franconia-Springfield (02) to Pentagon (027). The train operator properly responded to the continual loss of speed commands and obtained Permissive Blocks, as necessary, in compliance with MSRH+ rule 3.79.</li> <li>Lead Car 7038: An FWSO Inspector observed train with lead car 7038 from 1738 – 1759 hours, track 1, operating from Pentagon (C07) to L'Enfant Plaza (03).</li> <li>The following non-color-coded defects were observed:         <ul> <li>MSRPH, 1.12: Operators of trains with lead car 7448, 5030, 5138, and 7038 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 504 0.5. 1.5.2: Operators of trains with lead car 7448, 5036, 5138, and 7038 did not comply with the rule that states in part: "Nook at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 3.87.1: Operator of train with lead car 7448 did not sound the hom approaching the tunnel opening on track 2 firet Rosslyn (C05). Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 3.33: Operator of train with lead car 7448 did not have a flashlight in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 3.33: Operator of trains with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 3.33: Operator of trains with lead car 7448 did not have the road</li></ul></li></ul>		1648 hours, track 2, operating from Pentagon (C07) to Franconia-Springfield (J03). The train operator properly responded to the loss of speed commands and	
<ul> <li>1759 hours, track 1, operating from Pentagon (C07) to L'Enfant Plaza (D03).</li> <li>The following non-color-coded defects were observed: <ul> <li>MSRPH, 1.12: Operators of trains with lead cars 7448, 5030, 5138, and 7038 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in VMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, SDP 40.5.1.5.2: Operators of trains with lead cars 7448, 5036, 5138, and 7038 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for tive (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, J.331: Operator of train with lead car 7448 did not sound the horn approaching the tunnel opening on track 2 after Rosslyn (CO5). Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of train with lead car 7448 did not have a flashlight in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of train with lead car 7448 did not have a flashlight in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of train with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of train with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> </ul> </li> <li>MSRPH, 4.33: Operators of train wit</li></ul>		1725 hours, tracks 2 and 1, operating from Franconia-Springfield (J03) to Pentagon (C07). The train operator properly responded to the continual loss of speed commands and obtained Permissive Blocks, as necessary, in compliance	
<ul> <li>MSRPH, 1.12: Operators of trains with lead cars 7448, 5030, 5138, and 7038 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, SOP 40.5.1.5.2: Operators of trains with lead cars 7448, 5036, 5138, and 7038 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 3.87.1: Operator of train with lead car 7448 did not sound the horn approaching the tunnel opening on track 2 after Rossiny (COS). Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of train with lead car 7448 did not have a flashlight in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of trains with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of trains with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPs R-2-18-A and R-2-19-A.</li> <li>MISRPH, 4.34 and R-2-19-A.</li> <li>All operators were courteous, and displayed a professional image and attitude.</li> <li>8-Car marker is missing from Track 1 at Farragut West (CO3).</li> </ul>			
<ul> <li>All operators were courteous, and displayed a professional image and attitude.</li> <li>8-Car marker is missing from Track 1 at Farragut West (C03).</li> </ul>		<ul> <li>MSRPH, 1.12: Operators of trains with lead cars 7448, 5030, 5138, and 7038 did not have their copy of the MSRPH, Permanent Orders and Temporary Orders in their possession. Remedial action for this defect is addressed in WMATA's approach to CAPS R-2-18-A and R-2-19-A.</li> <li>MSRPH, SOP 40.5.1.5.2: Operators of trains with lead cars 7448, 5036, 5138, and 7038 did not comply with the rule that states in part: "look at the doors on the platform side of the train to observe any activity in front of the doors, with your hands to your side for five (5) seconds, before reaching up to touch the manual door opening button". Remedial action for this defect is addressed in WMATA's approach to CAPS R-2-18-A and R-2-19-A.</li> <li>MSRPH, 3.87.1: Operator of train with lead car 7448 did not sound the horn approaching the tunnel opening on track 2 after Rosslyn (CO5). Remedial action for this defect is addressed in WMATA's approach to CAPS R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of train with lead car 7448 did not have a flashlight in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPS R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of trains with lead car 7448 did not have a flashlight in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPS R-2-18-A and R-2-19-A.</li> <li>MSRPH, 4.33: Operator of trains with lead car 7448 did not have the roadway worker protection (RWP) Level-2 Card in her possession. Remedial action for this defect is addressed in WMATA's approach to CAPS R-2-18-A and R-2-19-A.</li> </ul>	
<ul> <li>attitude.</li> <li>8-Car marker is missing from Track 1 at Farragut West (C03).</li> </ul>		Other Notable Observations:	
Remedial Action     N/A		attitude.	
	Remedial Action	N/A	



#### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171217-WN		C 1			
inspection Date	2017	12	17	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	ATCM Sub- Department CIT			СІТ		
	I	Name		Email	Office Phone	е	Mobile Phone			
Rail Agency Department Contact Information		5								
Inspection Location	Rhode Island	l (BO4) to Silve	r Spring (B08)	Track 1 & 2 Shutdown D	December 16 -Decemb	er 18, 2017				

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	ction Subj	ect	Job Safe	ty Brief	ing			Activity Co	ode	AT	C	JSB	OBS
Job Briefing Employee Name/Title	TRST	6022				Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1300- 1900		Outside Shift	Yes
Related Reports	N/A					Relate	ed CAPS /	Findings	N/A						
	Ref				Rule or S	OP		Standard		Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	M													
Standards, or other															
	Mai Trac		Yard	Stati	Station O		RTA Facility	FTA Office	Treads Treas	At-grad	e Tui	Tunnel		evated	N/A
Inspection Location	Х			х					Track Type	x				х	
Lino(a)	Dlin	-	Track				Chain Ma	rker		From			То		
Line(s)	B-Line	e	Numbe	er	N/A		and/or St	ation(s)	Fort Totten (E	306)		Fort 1	Totter	n (B06)	
	Hea	d Car N	umber	Ν	lumber o	f Cars									
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 09:45:47 -05'00'	f <b>Date</b> orthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Lee Emard, Al Nepa, Brian Altiero		



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

Vehicles FWSC	M in ck			Rule or S	Inspe Relat	mpanied ector? ed CAPS /	Yes	Out Brief Conducted	Yes	Time	1300 1900		Outside	Nee
Related Rules, SOPs, Standards, or Other Inspection Location Line(s) RWPM Mai Trac X B-Lin Vehicles FWSC	in ck			Rule or S		ed CAPS /	Findings						Shift	Yes
Related Rules, SOPs, Standards, or Other Inspection Location Line(s) Vehicles Hea	in ck			Rule or S	SOP									
Standards, or Other       RWPP       Inspection Location       X       Line(s)       B-Lin       Vehicles       FWSC	in ck				Rule or SOP Standard					Other / Title				ence
Inspection Location Line(s) Vehicles Hea FWSC	ck													
Inspection Location X Line(s) B-Lin Vehicles FWSC	ck		1											
Line(s) B-Lin Vehicles FWSC	rack Yard Station OCC Facility Office Track Type At-grade Tunnel Elevated											Elev	vated	N/A
Vehicles FWSC	x x x x								х				x	
Vehicles FWSC		Track		Track :	1 and	Chain Ma	rker		From				То	
Vehicles FWSC	Number			2		and/or St	ation(s)	Rhode Island	Ave. (B04)		Siver	Spring	(B08)	
FWSC	ad Car I	Number	N	Number of Cars Equipment N/A										
	N/A	A		N/A Equipment N/A										
of the	•	•						ks one and two	Number	of Defect	s			0
	e B-Lin	e between	Rhode	e Island	Ave. (B	04) and Silv	er Spring (BC	18).	Recomm	ended Fi	nding?			No
FWSC	O inspe	ectors met	with W		ATC Sup	erintender	nt, Unit 22 at	1400 hrs.	Remedia	Action F	Require	d?		No
Description WMA room conne betwe 2200	Inspectors observed WMATA Track Maintenance performing rail welding and         WMATA ATC personnel terminating connections in the boxes and train control         rooms between Brookland (B05) and Fort Totten (B06). All but three boxes were         connected. Work was also ongoing in train control rooms all installation work         between Fort Totten (B06) and Takoma (B07) was expected to be completed by         2200 hrs.         The FWSO Inspectors did not note any defects									No				
Remedial Action N/A														



# United States Department of Transportation Federal Transit Administration

#### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171218-WN	ΛΛΤΛ Λ	<u> </u>		
inspection Date	2017	12	18	Report Number	20171210-001	VIATA	J-1		
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department         TRST         Sub- Department         T				ΤΚΙΝ	
	I	Name		Email	Office Phone	e	Mobile Phone		
Rail Agency Department Contact Information									
Inspection Location	B-Line, track	1, Rhode Islaı	nd Avenue (B04	) to Union Station (B03)					

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ty Brie	fing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6287				Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1330		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS / F	indings	N/A						
	Ref				Rule or S	ОР		Standard		Other / T	ītle		Cheo	klist Refe	ence
Related Rules, SOPs, Standards, or Other	RWPN	N													
standards, or other															
In succession I constinue	Mai Trac		Yard	Stati	on C	OCC RTA Facility		FTA Office	Treads Tores	At-grad	e Tui	nnel	Ele	vated	N/A
Inspection Location				х					Track Type					x	
	D.L.		Track				Chain Ma	ker		From				То	
Line(s)	B-Line	5	Numbe	r	N/A		and/or Sta	ation(s)	Rhode Island	Avenue (B0	4)	Rhod	e Islan	d Avenue	(B04)
	Неа	d Car Nu	umber	١	Number o	f Cars									
Vehicles		N/A			N/A		Equip	nent	N/A						
Description										Number	of Defect	s			0

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWc cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 14:29:38 -05'00'	Date rthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Brian Altiero, Alexander Nepa		



	TRST u	nit number 62	87 con	nducted a	job safe	ety briefing	at Rhode Isl	and (B04)	Recomm	ended Fi	nding?			No
	protec spots, f protect	I. The briefing states of the brief of th	quirem ersonal and ho	nents and I protectivospital loca	include ve equip ation.	d the safet oment (PPE	y rule of the	day, hot		l Action F	<u> </u>			No
Remedial Action	N/A													
Inspection Activity #	2	Inspection Sub	oject	Track W	Valker C	bservation			Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title		nit 6287		1		mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 1330		Outside Shift	No
Related Reports	N/A				Relat	ed CAPS /	N/A		1					
	Ref			Rule or S	SOP		Standard		Other / T	ïtle		Checkl	ist Refer	ence
Related Rules, SOPs, Standards, or Other	TRST 10	000												
increasion Location	Main Track	Yard	Stat	ion (	220	RTA Facility	FTA Office	Treek Ture	At-grade	e Tu	nnel	Eleva	ited	N/A
inspection Location	x							Track Type	х		Х	х		
Line(s)	B Line	Track		Track 1	1	Chain Ma			From				То	
2		Numb	-		and/or Station(s) Rhode Island					4)	Unio	n Station	(B03)	
Vehicles	Head Car Number         Number of Cars         Equipment         N/A													
	FWSO Inspector observed a WMATA contract inspector perform a track								Number	of Defect	s			7
	inspect	inspection on track one of the B line between Rhode Island Avenue (B04) and Union Station (B03). Contract Inspector was observed to be diligent and attentive during the inspection.								ended Fi				No
														Yes
Description	•	measured TRST 1000 measured TRST 1000 in six ties i located at Ilowing non-cc TRST 1000 154+00 wi designed. TRST 1000 rail at B1 & TRST 1000 B03-02 sig	<ul> <li><b>b</b>, Table</li> <li>54-3/2</li> <li><b>c</b>, Table</li> <li>54-3/2</li> <li><b>c</b>, Table</li> <li><b>measu</b></li> <li>B1 87-</li> <li><b>blor-co</b></li> <li><b>blor-co</b></li> <li><b>c</b>, <b>3.2.2</b></li> <li><b>as</b> obse</li> <li><b>blor-co</b></li> <li><b>blor-co</b></li> <li><b>blor-co</b></li> <li><b>c</b>, <b>3.2.2</b></li> <li><b>c</b>, <b>4.3.2</b></li> <li><b>c</b>, <b>4.3.2</b></li> <li><b>c</b>, <b>4.3.2</b><th>e 9-9: The 16 inch. R e 9-9: The 16 inch. I e 11-3: A ring more +20. Red +20. Red cerved to b : A broken switch 3/ .7: The er as missing</th><th>e guard Red Con e guard Red Cor deviatio e than 1 Conditi cts were atch bas be clogg n bolt w A. nd approg.</th><th>check gaug dition. check gaug ndition. on from zer -1/2 inch a on. e identified sin on the a ged and not vas observe bach cover</th><th>e at B1 88+5 to cross level t the left ins <b>d.</b> craining wa d on the ma</th><th>ire at B1 iter as in side guard 87+60 at the</th><th colspan="4">Remedial Action Required?</th><th></th><th>Yes</th></li></ul>	e 9-9: The 16 inch. R e 9-9: The 16 inch. I e 11-3: A ring more +20. Red +20. Red cerved to b : A broken switch 3/ .7: The er as missing	e guard Red Con e guard Red Cor deviatio e than 1 Conditi cts were atch bas be clogg n bolt w A. nd approg.	check gaug dition. check gaug ndition. on from zer -1/2 inch a on. e identified sin on the a ged and not vas observe bach cover	e at B1 88+5 to cross level t the left ins <b>d.</b> craining wa d on the ma	ire at B1 iter as in side guard 87+60 at the	Remedial Action Required?					Yes



Remedial Action	<ul> <li>To achieve compliance with WMATA's requirements</li> <li>WMATA must adjust the guard rail braces at the switch 3B frog at B1 88+20.</li> <li>WMATA must adjust the guard rail braces at the switch 1A frog at B1 88+50.</li> <li>WMATA must eliminate the vertical deflection at B1 87+20.</li> <li>WMATA must clean the catch basin on the aerial structure at B1 154+00.</li> <li>WMATA must replace the broken bolt on the switch 3A main side guard rail at B1 88+20.</li> <li>WMATA must replace the missing end coverboard at B1 87+60, B03-02 signal.</li> <li>WMATA must replace the missing end coverboard at B1 60+20.</li> </ul>
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## Agency/Department Information

Federal Transit Administration

Inspection Data	YYYY	MM	DD	Denert Number	20171210 \			
Inspection Date	2017	12	19	Report Number	20171219-WMATA-AG-1			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	t TKIN		
	1	Name		Email	Office Phon	e	Mobile Phone	
Rail Agency Department Contact Information		•						
Inspection Location	B-Line, track	2, Rhode Islar	nd Avenue (B04	) to Takoma (B07)				

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ety Briefi	ng			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	TRST 6321				Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No
Related Reports	N/A					Relate	d CAPS / I	indings	N/A						
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	Μ													
Standards, or other															
	Mai Trac		Yard	Stati	on C	осс	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type	ктуре					
Ling(a)	DLin	•	Track		NI/A		Chain Ma	rker		From		То			
Line(s)	B-Lin	е	Numbe	r	N/A		and/or Sta	ation(s)	Rhode Island	Avenue (BO	4)	Rhod	e Islaı	nd Avenue	(B04)
	Hea	ad Car N	umber	١	Number o	of Cars									
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.12.21 09:53:26 -05'00'	Date rthTX, ou=DOT FRAFtWorthTX,
Inspector in Charge – Name Adam Giovando	Inspection Team Brian Altiero, Alexander Nepa		



	TRST unit number 6321 conducted a job safety briefing at Rhode Island Avenue	Number of Defects	0
	(B04) station. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot	Recommended Finding?	No
Description	spots, RWP ID and personal protective equipment (PPE) verification, type of	Remedial Action Required?	No
Description	protection, hazards, and hospital location.		
	The FWSO Inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A	·	

Inspection Activity #	2	Inspe	ection Sub	ject	Track Walker Observation					Activity Co	ode	TR	ĸ	WI	OBS		
Job Briefing Employee Name/Title	TRST	Unit 6	321		1		ompanie ector?	ed	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	No	
Related Reports	N/A				Related CAPS / F				Findings	N/A	Α						
	Ref				Rule c	or SOP			Standard		Other / 1	Title		Che	necklist Reference		
Related Rules, SOPs, Standards, or Other	TRST	-1000															
	Ma Tra		Yard	Stat	ion	OCC	RTA Facili	-	FTA Office		At-grad	e Tu	nnel	Ele	evated	N/A	
inspection Location	х									Track Type	x		х		х		
			Track		-	1.2	Chain	Ma	rker		From			1	То		
Line(s)	B-Lin	e	Numb	er	Trac	CK Z	and/c	or Sta	ation(s)	Rhode Island	Avenue (B0	4)	Tako	ma (B	07)		
Malifation -	Hea	ad Car	Number		Numbe	er of Cars											
Vehicles		N//	A		Ν	N/A	EC	quip	ment	N/A							
									perform a t		Number	of Defec	ts			1	
									land Avenue diligent and a	· · ·	Recomm	ended Fi	nding?			No	
		`	nspection.		pector	was 005		bei		attentive	Remedia	Action	Require	ed?		Yes	
Description	The f	following non-color-coded defects were identified.         • TRST 1000 Defect 5.14.16, At B2 294+80, right rail was jointed with an improper joint bar, allowing a one-inch gap. See figures one and two below.    Recommended Reinspection? Yes											Yes				
Remedial Action	То ас		<ul> <li>ieve compliance with WMATA's requirements:</li> <li>WMATA must install proper joint bars at B2 294+80.</li> </ul>														



# Photos



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



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



# United States Department of Transportation Federal Transit Administration

#### Agency/Department Information

				r.						
Inspection Date	YYYY	MM	DD	Report Number	20171210 \//		2			
Inspection Date	2017	12	19	Report Number	20171219-001	20171219-WMATA-AG-2				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATCM	Sub- Depart	tment	CIT		
	Name			Email	Office Phone	2	Mobile Phone			
Rail Agency Department Contact Information		5								
Inspection Location	Fort Totten (	B06) – Train C	ontrol Room (T	CR)						

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspect	ion Subj	ect	Job Safe	ty Brie	fing			Activity Co	ode	AT	С	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA ATC F	Personne	el		Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	010 050		Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or S	ОР		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	Л													
Standards, or Other															
	Mair Trac	Y	'ard	Statio	on C	осс	RTA Facility	FTA Office	Tue di Tue e	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type						х
Line(a)	Dia		Track		NI / A		Chain Ma	rker		From				То	
Line(s)	B-Line	2	Numbe	r	N/A and/o		and/or St	ation(s)	Fort Totten (B	306)		Fort Totten (B06)			
	Hea	d Car Nu	mber	Ν	Number of Cars										
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature	DAM ANTHONY GIOVANDO	Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWort ANTHONY GIOVANDO Date: 2017.12.21 15:42:56 -05'00'	Date hTX, ou=DOT FRAFtWorthTX, cn=ADAM
Inspector in Charge – Name	Inspection Team		
Adam Giovando	Tino Sahoo		



		•	job safety briefing from the WMATA Automatic Train personal protective equipment (PPE) and roadway	Number of Defe			0			
	work	er protection (RWP) ID earest hospital and saf	Recommended F Remedial Action		No No					
Description	discu									
	The F	WSO Inspector did no	t note any defects.	Recommended F	einspection?		No			
Remedial Action	N/A									
Inspection Activity #	2	Inspection Subject	Corrective Maintenance	Activity Code	ATC	RM	OBS			
				-						

Inspection Activity #	2	Inspectio	on Subjec	t C	orrecti	ive Ma	intenance			Activity Co	ode	AT	°C	RM	OBS	
Job Briefing Employee Name/Title	WMAT	ГА АТС Ре	ersonnel				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	010		Outside Shift	Yes	
Related Reports	N/A				Related CAPS / Findings N/A											
	Ref			Ru	le or S	OP		Standard		Other / 1	Title		Checl	klist Refe	rence	
Related Rules, SOPs, Standards, or Other	ATC Fu	unctional	Tests													
Inspection Location	Main Track	l Ya	ird S	tation	C	000	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A	
				Х					The rype			1			Х	
			Track				Chain Ma	arker		From				То		
Line(s)	B-Line		Number	ſ	N/A		and/or S		Fort Totten (I Room	B06) – Train	06) – Train Control Fort Totten (B Control Room			· ,		
Vehicles	Head	d Car Num N/A	nber	Nur	nber c N/A		Equi	pment	N/A							
								ain Control (/	,	Number	of Defec	ts			0	
			•					k E2 located i	n the Train e (Cable RR-41)	Recomm	ended Fi	nding?			No	
		•	,					t Totten (B06	( ,		Action	Require	ed?		No	
Description	(B06) t function circuit, detect contro tests o intrusi train co Both co Totten contro	to Takoma onal tests , line appri- ion warni ol rooms. of encode, on detect ontrol roo able verif	a (B07). of encoc roach and ing (IDW) Next, AT /decode, tion warr oms. ication fu in contro vere com	ATC en le/decid line r l betwe C engin traffic ing (ID unctior of room pleted	gineer ode, tr epeate een Bro neerin lockin VW) be nal test ns and and s	ring the raffic lo er, 6AR ooklan g perfo g, line tween ts betw Fort To uccess	en perform ocking, app 8, 10PBSPR d-CUA (B0 ormed cabl track repe Fort Totte veen Brook otten (B06 ful.	ned cable veri roach and tra -2AR, and int 5) to Fort Tot e verification	ain identity rusion ten (B06) train functional ndication, and koma (B07) D5) to Fort	Recomm		No				
Remedial Action	N/A															



# Form FTA-IR-1

#### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171220-WMATA-WP-1						
inspection Date	2017	12	20	Report Number	20171220-00101414-0		VP-1				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	TKIN				
	1	Name		Email	Email Office Phone			1obile Phone			
Rail Agency Department Contact Information											
Inspection Location	C-Line, Track 1, Arlington Cemetery (C06) to C1 242+00										

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspe	ction Subj	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST	6036				Accor Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWP	Μ													
oranderus, or orner															
	Mai Trac		Yard	Stati	ion C	осс	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type	x					
Lino(c)	C-Line	0	Track				Chain Ma	rker		From		То			
Line(s)	C-LINE	e	Numbe	er	N/A	A and/or St		ation(s)	Arlington Cen	metery (C06)		Arlington Cemetery (C06)			:06)
Makida .	Неа	d Car N	lumber	1	Number c	of Cars									
Vehicles		N/A			N/A		Equipment N/A								

Inspector in Charge - Signature			Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L POWELL Dit cells, or U.S. Government, our=FDAHQ, ou=DOT Headquarter Date: 2017.12.28 10:50:45 -05'00'	5, cn=WINSLOW L. POWELL
Inspector in Charge – Name	Inspection Team		
Winslow Powell	Lee Emard		



	TRST unit 687 conducted a job safety briefing at Arlington Cemetery (C06) Station.	Number of Defects	0
	The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, RWP ID	Recommended Finding?	No
Description	and personal protective equipment (PPE) verification, type of protection, hazards,	<b>Remedial Action Required?</b>	No
Description	and hospital location.		
	The FWSO Inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspec	tion Sub	ject	Trac	k Observ	ation				Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	TRST 6	87					ompani pector?	ed	Yes	Out Brief Conducted	Yes	Time	1000 1400		Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A					N/A						
	Ref	Ref Rule				or SOP			Standard		Other / T	ītle		Cheo	cklist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST-1000 rev. 6															
Standards, or other																
Inspection Location	Main Track		Yard	Stati	ion	OCC	RT/ Facil		FTA Office	Track Type	At-grade	e Tu	Tunnel		vated	N/A
Inspection Location	х									таск туре	x		х			
		·									From T					
Line(s)	C-Line		Track Numb	er	Trac	ck 1	Chair and/		ker ation(s)	Arlington Cen	netery (CO6)	etery (C06) C1 242+00				
	Head	Car N	umber		Numbe	er of Car										
Vehicles		N/A			1	N/A	E	quipr	nent	N/A						
									ors perform		Number	of Defect	ts			0
								<u> </u>		CO6) and C1 on Cemetery	Recomm	ended Fi	nding?			No
			•							ommunication	Remedia	I Action I	Require	ed?		No
Description	betwee	en the	ROCC ar	d the	inspec	tion cre	Ν.									
	FWSO	inspec	tion will	be res	chedu	led and	no reme	dial a	ctions were	closed.	Recomm	ended Re	einspec	tion?		Yes
	The FV	The FWSO Inspector did not note any defects.														
Remedial Action	N/A	V/A														



#### Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20171227-WMATA-WP-1					
inspection Date	2017	12	27	Report Number	20171227-001	VP-1				
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRPM	Sub- Dep				
		Name		Email	Office Phone	ē	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	Alexandria Yard (C99)									

#### **Inspection Summary**

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-JSB-OBS	TP-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	28				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ty Brief	ing			Activity Co	ode	TF	)	JSB	OBS
Job Briefing Employee Name/Title	WMA	TA RWI	С			Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 140	-	Outside Shift	No
Related Reports	N/A					Relate	ed CAPS / I	indings	N/A						
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	M													
Standards, or other	MSRP	ч													
	Maiı Trac		Yard	Stati	on C	OCC	RTA Facility	FTA Office	Treads Tread	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location			х						Track Type	x					
Line(c)	N/A		Track		NI/A		Chain Ma	·ker		From	То				
Line(s)	IN/A		Numbe	r	IN/A	N/A and/or St			Alexandria Ya	ird (C99)		Alexa	ndria	ia Yard (C99)	
Mah laha	Hea	d Car N	umber	Ν	Number o	of Cars	-		NI (A						
Vehicles		N/A			N/A		Equip	ment N/A							

Inspector in Charge - Signature		Date
	WINSLOW L. POWELL	Digitally signed by WINSLOW L POWELL DN: c=U5, a=U.5. Government, ou=FTAHQ, ou=DOT Headquarters, cn=WINSLOW L POWELL Date: 2017.12.29 09:15:07 -05'00'
Inspector in Charge – Name	Inspection Team	
Winslow Powell	Tino Sahoo	



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

Inspection Activity #	2 Ir	spection Sub	oject C	able Inspe	ction Observ	ation		Activity Co	de	Т	Р	WI	OBS
Job Briefing Employee Name/Title	WMATA RWIC				ccompanied spector?	Yes	Out Brief Conducted	Yes	Time	100 14		Dutside Shift	No
Related Reports	N/A	N/A Related CAPS / Findings N/A											
	Ref Rule or S				OP Standar			Other / T	Other / Title		Checklist Reference		
	TRST 1000												
	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)												
Inspection Location	Main Track	Yard	Station	000	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Eleva	ated	N/A
		X						X				То	
Line(s)	N/A	Track Numb	er	N/A	Chain N and/or	larker Station(s)	Alovandria V	From To a Yard (C99) Alexandria Yard (C99		)			
	Head Car Number		_	mber of Ca			Alexandria			AICA		10 (055	1
Vehicles	N/A N/A				Equipment N/A								
	An FWSO inspector observed WMATA personnel conducting a walking cable inspection at Alexandria Yard (C99). The following non-color-coded defects were observed:							Number of Defects				28	
								Recomm	Recommended Finding?			No	
								Remedial Action Required?				Yes	
Description	<ul> <li>DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 65.</li> <li>EMI for JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE: Two orange boot cable connector assemblie were lying on the ground at YCR 65.</li> <li>DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 67.</li> <li>DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 67.</li> <li>DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 68.</li> <li>EMI for JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEMWIDE: PVC conduit containing heater tape wiring was stood off the ground using metal kindorf in which portion of kindorf was on gauge side of the third rail at YCR 8.</li> <li>DD-TP-SSI-013: Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR 10.</li> </ul>							Recommended Reinspection?			Yes		



•	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR 9.	
•	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR 5.	
•	<b>DD-TP-SSI-013:</b> Heat shrink was compromised on conduit stub-up at YCR 6.	
•	<b>DD-TP-SSI-013:</b> Three orange boots were missing multiple captive screws at YCR 6.	
•	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
•	outside of orange boot cable connector assembly on cable pigtails at YCR 4.	
•	<b>DD-TP-SSI-013:</b> Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR 3.	
•	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR 2.	
•	DD-TP-SSI-013: A damaged orange boot cable connector assembly was	
	observed at YCR 2.	
٠	DD-TP-SSI-013: Unused conduits were not capped at YCR 2.	
٠	DD-TP-SSI-013: Heat shrink was compromised on conduit stub-up at YCR 1.	
٠	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR	
	15.	
•	<b>DD-TP-SSI-013:</b> A damaged orange boot cable connector assembly was observed at YCR 20.	
•	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
•	outside of orange boot cable connector assembly on cable pigtails at YCR	
	20.	
•	<b>DD-TP-SSI-013:</b> Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR	
	19.	
•	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR	
	18.	
٠	<b>TRST 1000, 13.3.4:</b> Third rail cover board was missing on end approach at	
	YCR 17.	
•	<b>DD-TP-SSI-013:</b> Watertight sealing collars were not protruding enough outside of orange boot cable connector assembly on cable pigtails at YCR	
	22.	
•	<b>DD-TP-SSI-013:</b> A nicked cable was observed at YCR 21.	
•	<b>TRST 1000, 13.3.4:</b> Third rail cover board was missing on end approach at	
	YCR 16.	
•	DD-TP-SSI-013: Watertight sealing collars were not protruding enough	
	outside of orange boot cable connector assembly on cable pigtails at YCR	
	16.	
٠	DD-TP-SSI-013: A damaged orange boot cable connector assembly was	
	observed at YCR 16.	
<b>0</b> 4h a		
•	r Notable Observations: Trash and debris were surrounding cables and conduit stub-ups and cables	
•	lying on the ground at YCR 65.	
•	Trash and debris were surrounding cables and conduit stub-ups and cables	
	lying on the ground at YCR 66.	
•	Trash was surrounding cables at YCR 67.	
•	Cables were lying on the ground at YCR 11.	
•	Cables were lying on the ground at YCR 12.	
•	Cables were lying on the ground at YCR 13.	
•	Cables were lying on the ground at YCR 63.	
•	Cables were lying on the ground at YCR 14.	
•	Cables were lying on the ground at YCR 10.	
٠	Cables were lying on the ground at YCR 9.	
•	Cables were lying on the ground at YCR 5.	
•	Cables were lying on the ground at YCR 6.	
•	Cables were lying on the ground at YCR 4.	
•	Cables were lying on the ground at YCR 3.	
•	Cables were lying on the ground at YCR 1.	
•	Cables were lying on the ground at YCR 15.	



	<ul> <li>Cables were lying on the ground at YCR 19.</li> <li>Trash was surrounding cables and cables lying on the ground at YCR 18.</li> <li>Cables were lying on the ground at YCR 17.</li> <li>Trash was surrounding cables and cables lying on the ground at YCR 18.</li> <li>Trash was surrounding cables and cables lying on the ground at YCR 22.</li> <li>Cables were lying on the ground at YCR 21.</li> <li>Cables were lying on the ground at YCR 16.</li> </ul>
Remedial Action	Cables were lying on the ground at YCR 16.      To achieve compliance with WMATA's requirements:         WMATA must install watertight sealing collars per design drawing at YCR 65.         WMATA must install watertight sealing collars per design drawing at YCR 67.         WMATA must install watertight sealing collars per design drawing at YCR 67.         WMATA must install watertight sealing collars per design drawing at YCR 68.         WMATA must install watertight sealing collars per design drawing at YCR 67.         WMATA must install watertight sealing collars per design drawing at YCR 68.         WMATA must install watertight sealing collars per design drawing at YCR 10.         WMATA must install watertight sealing collars per design drawing at YCR 10.         WMATA must install watertight sealing collars per design drawing at YCR 5.         WMATA must install watertight sealing collars per design drawing at YCR 5.         WMATA must install watertight sealing collars per design drawing at YCR 6.         WMATA must install watertight sealing collars per design drawing at YCR 6.         WMATA must install watertight sealing collars per design drawing at YCR 6.         WMATA must install watertight sealing collars per design drawing at YCR 6.         WMATA must install watertight sealing collars per design drawing at YCR 7.         WMATA must install watertight sealing collars per design drawing at YCR 7.         WMATA must install watertight sealing collars per design drawing at YCR 7.         WMATA must install watertight sealing collars per design drawing at YCR 7.         WMATA must install watertight sealing collars per design drawing at YCR 7.         WMATA must install watertight sealing collars per design drawing at YCR 1.         WMATA must install watertight sealing collars per design drawing at YCR 1.         WMATA must replace here orange boot at YCR 20.         WMATA must install watertight sealing collars per design drawing at YCR 15.         WMATA must install watertight sealing collars
	<ul> <li>WMATA must install watertight sealing collars per design drawing at YCR 16.</li> <li>WMATA must replace orange boot at YCR 16.</li> </ul>