

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	Number 20181101-WMATA-TW-1					
inspection Date	2018	11	01	Report Number						
Rail Agency Name	Washington Authority	Metropolitan A	Area Transit	Rail Agency Department	ATC	Sub- Dep	artment			
	Name			Email	Office Phone	e	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	College Park									

### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspect	ion Subj	ect	Job Safe	ty Briefi	ing			Activity Co	de	AT	С	JSB	OBS	
Job Briefing Employee Name/Title	ATC #	221				Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	<b>Time</b> 100 14			Outside Shift	No	
Related Reports	N/A					Related CAPS / Findings N/A			N/A							
	Ref				Rule or S	OP		Standard			Other / Title			Checklist Reference		
Related Rules, SOPs, Standards, or Other	MSRF	ч														
Standards, or other																
	Mai Trac		/ard	Stati	ion C	occ	RTA Facility	FTA Office		At-grade	e Tui	nnel	Ele	evated	N/A	
Inspection Location				х			х		Track Type	х						
	<b>E</b> 111		Track				Chain Mar	ker		From				То		
Line(s)	E-Line	2	Numbe	r	IN/A	N/A		ation(s)	College Park (	E09) TCR		Colleg	ge Par	k (E09) TCR		
Vahialaa	Hea	d Car Nu	mber		Number c	of Cars	Equipment		NI / A							
Vehicles		N/A			N/A				N/A							

Inspector in Charge - Signature		TERRELL A WILLIAMS	<b>Daty</b> Rally signed by TERRELL A WILLIAMS Date: 2018.11.06 09:02:20 -05'00'
Inspector in Charge - Name	Inspection Team		
Terrell Williams	Lee Emard and Robert Adams		



	FWSO inspectors received a job safety briefing from the WMATA ATC 221 at	Number of Defects	0
	College Park (E09) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the	Recommended Finding?	No
Description	nearest hospital and safety rule of the day. The potential safety hazards were	<b>Remedial Action Required?</b>	No
	discussed.	Recommended Reinspection?	No
	The FWSO inspectors did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ction Sub	ject	ATC O	bservati	on			Activity Co	de	AT	C	RM	PI
Job Briefing Employee Name/Title	ATC #	221					Accompanied Inspector?		Out Brief Conducted	Yes	Time	100 14		Outside Shift	No
Related Reports	N/A					Rela	Related CAPS / Findings N/A								
	Ref				Rule or	SOP	OP Standard			Other / T	Other / Title Ch				rence
Related Rules, SOPs, Standards, or Other	ATC 3000, 3003 - Interlocking Inspection														
	TRST 1	T 1000													
Increation Location	Mair Tracl		Yard	Stat	ion	осс	RTA Facility	FTA Office	Treak Tures	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location	x						х		Track Type	x					
			Track		Track	- 1	Chain Marker and/or Station(s)			From				То	
Line(s)	E-Line		Numbe	er	and 2				College Park ( E1/E2 CM 532			-	k (E09) 528+00		
	Head	d Car N	Number		Number	of Cars									
Vehicles		N/A	A		N/	'A	Equip	ment	N/A						
								perform an li		Number	of Defect	s			2
								03 interlocki the operatio	ng inspection.	Recomm	ended Fi	nding?			No
								nainline trac		Remedia	l Action F	Require	d?		Yes
Description		'	om E1/E2 s 1B/3B or					vitches 1A/3	A on track 1						
	•	<ul> <li>e following non-color-coded defects were observed:</li> <li>TRST 1000 9.10: The number 4 switch rod was loose at switch 3B.</li> <li>TRST 1000 12.12: Two C-Bonds were broken on switch 1B at the frog guard rail field rail</li> </ul>												Yes	
Remedial Action	•	guard rail, field rail.         chieve compliance with WMATA's requirements:         WMATA must tighten up number 4 switch rod on switch 3B.         WMATA must replace c-bonds on switch 1B at the frog guard rail, field rail.													



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Poport Number	20181103-WMATA-TW-1					
inspection Date	2018	11	03	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	ткім		
	Name			Email	Office Phone		N	Iobile Phone		
Rail Agency Department Contact Information										
Inspection Location	E and F-Line	, Track 1, Mt. V	) to L'Enfant Plaza (F03	)						

### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	nspection Sub	ject	Job Safe	ety Brie	fing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST 64	142			Accor Inspe	mpanied ctor?	No	Out Brief Conducted	Yes	Time	080 120	-	Outside Shift	Yes
Related Reports	N/A				Relat	Related CAPS / Findings Remedial Acti			al Action ID #1023					
	Ref			Rule or S	OP		Standard		Other / Title			Checklist Reference		
Related Rules, SOPs, Standards, or Other	RWPM	51.586.09/18												
Standards, or Other	MSRPH	5.4												
	Main Track	Yard	Stati	ion C	осс	RTA Facility	FTA Office	Treads Treas	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location			х					Track Type			Х			
Line(s)	F-Line	Track				Chain Ma	rker		From				То	
Line(s)	r-Line	Numbe	er	N/A	N/A and		ation(s)	Archives (F02	)		Archi	nives (F02)		
Male and a	Head	Car Number	1	Number o	of Cars			NI ( A						
Vehicles		N/A		N/A		Equipment N/A		N/A						

Inspector in Charge - Signature		TERRELL A	Date Digitally signed by TERRELL A WILLIAMS
		WILLIAMS	Date: 2018.11.13 08:19:28 -05'00'
Inspector in Charge – Name	Inspection Team		
Terrell Williams	Alexander Nepa		



	FWSO inspector received a job safety briefing from TRST 6442 at Archives (F02)	Number of Defects	1
	briefing table prior to entering the roadway. The briefing covered the type of on- track protection, the working limits, where to clear, known hazards and hotspots,	Recommended Finding?	No
	the safety rule of the day, the location of the nearest hospital, and a check of	<b>Remedial Action Required?</b>	No
Description	<ul> <li>personal protective equipment (PPE) and roadway worker protection (RWP) ID.</li> <li>The following non-color-coded defect was observed:         <ul> <li>MSRPH 5.4: The work zones were incorrectly identified in the job safety briefing and on the work zone locator map. The work zones were identified at F1 022+50 to E1 042+40. Actual work zones were F1 042+40 and E1 022+50. Compliance escorts immediately brought this to the attention of the Roadway Worker in Charge (RWIC). During the track walk observation, FWSO inspector did not observe any rebriefing. Remedial Action for this defect is addressed in WMATA's approach to remedial action ID #1023.</li> </ul> </li> </ul>	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Inspection Su	bject	Track	< Inspecti	on, Work	Zone Observat	ion	Activity C	ode	TR	ĸ	WI	OBS	
Job Briefing Employee Name/Title	TRST 6	87				Accompanied Inspector? Yes Out Brief Conducted		Yes	Time	0800- 1200		Outside Shift	Yes		
Related Reports	N/A				Rela	Related CAPS / Findings N/A									
	Ref			Rule o	or SOP	OP Standard			Other / Title Checkl				klist Refe	rence	
Related Rules, SOPs, Standards, or Other	TRST 1	000													
Standards, or Other	MSRPH	1													
Inspection Location	Main Track Yard Station O					RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	vated	N/A	
Inspection Location	х							ттаск туре			Х				
Line(s)	E and I	Track	From												
Line(s)	Line	Line Number Track 1 and/or Station(s) Mt. Vernon S								Sq. (E01) L'Enfant Plaza (F03)					
Vehicles	Head	Head Car Number         Number of Cars         Equipment         N/A													
		FWSO inspector performed a track inspection and work zone observation									ts			2	
		between Mt. Vernon Sq. (E01) and L'Enfant Plaza on track one. The scope of work included rail fastener and third rail insulator renewal, orgotherm welding, and									Recommended Finding?				
		ge maintenand		illiuiai	IIISuldto	i Tellewai,	orgotherin w	eiuilig, aliu	Remedial Action Require			ed?		No	
Description	•	were obse escort im MSRPH 5. employee Complian notable obser Between deviation obtained	11: Be erved v mediat 11: Be s were ce esco vation F1 090 (dogle but the ork zo	etween without tely add etween e obser- ort imm s: (+00 an eg) was e defec ne loca	E1 022+0 c eye prot dressed th E1 022+0 ved witho hediately d 010+00 observed t appeare tions, E10	0 and 023 ection (sa his issue. 0 and 023 but head p addressed 0 the left . Exact me of to be w 022+50 an		ATA d hats). ment vere not tolerances.	Recomm	nended Ri	einspec	ction?		No	
Remedial Action	N/A														



**Inspection Form** 

FOIA Exemption: All (b)(6)

### Agency/Department Information

Federal Transit Administration

Inspection Data	YYYY	MM	DD	Poport Number	20191104 \\\\\ 4 \\					
Inspection Date	2018	11	04	Report Number	20181104-WMATA-TW-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	TKIN		
	1	Name		Email	Office Phone	e	N	Aobile Phone		
Rail Agency Department Contact Information										
Inspection Location	D-Line, Tracl	k 1, Minnesota	a Ave. (D09) to	Stadium Armory (D08)						

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspection Subj	ect	Job Safe	ety Brief	ing			Activity Co	ode	TR	К	JSB	OBS
Job Briefing Employee Name/Title	TRST 6	79			Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	080 130		Outside Shift	Yes
Related Reports	N/A				Relate	ed CAPS / F	indings	N/A						
	Ref			Rule or S	ule or SOP				Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	l												
Standards, or Other														
	Main Track	Yard	Stati	ion C	000		FTA Office	Treads Treas	At-grad	e Tui	nnel	Ele	evated	N/A
Inspection Location			х					Track Type	Х					
Line(c)	D-Line	Track		N/A	Chain Marker		rker		From		То			
Line(s)	D-Line	Numbe	r	IN/A		and/or Station(s)		Minnesota Av	/e. (D09)		Minn	esota	Ave. (D09)	
	Head	l Car Number	1	Number o	of Cars									
Vehicles		N/A		N/A		Equip	quipment N/A							

Inspector in Charge - Signature		TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:25:50 -05'00'
Inspector in Charge – Name Terrell Williams	Inspection Team Alexander Nepa		



	FWSO inspector received a job safety briefing from TRST 679 at Minnesota Ave.	Number of Defects	0
	(D09) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
Description	and hotspots, the safety rule of the day, the location of the nearest hospital, and	<b>Remedial Action Required?</b>	No
Description	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
<b>Remedial Action</b>	N/A		

Inspection Activity #	2	Inspection Su	bject	Track Ir	nspectio	on			Activity Co	ode	TRK	WI	OBS
Job Briefing Employee Name/Title	TRST 6	79				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0800- 1300	Outsie Shift	Yes
Related Reports	Safety Directive 17-1 Related CAPS / Findings							FTA-TPE-17-021-a, TOC-SRT-15-002, FTA-16-4-T-9 edial Action ID: 1120, 3123, 3125, 3127, 3128					
	Ref			Rule or S	SOP		Standard						ference
Related Rules, SOPs,	TRST 1	.000		MSRP 5.	13.6								
Standards, or Other	RWPN	1 51.586 09/18	;										
Inspection Location	Main Track	Yard	Stati	on (	occ	RTA Facility	FTA Office	Track Type	At-grad	At-grade Tunnel Eleva		Elevated	N/A
Inspection Location	x							Track Type	x		х	х	
Line(s)	D Lin	e Track		Track	1	Chain Ma and/or St		Minnesota A	From ve. (D09)		Stadium	n Armory ([	08)
	Head	l Car Number	N	l Number (	of Cars				. ,		I	, (	•
Vehicles		N/A		N/A	4	Equip	ment	N/A					
	FWSO		ormed a			on between	Minnesota	Ave. (D09) and	Number	of Defect	· c		13
		m Armory (D0			-					ended Fi			No
	were v	verified as com	plete.								Required?	>	Yes
Description	The fo	between to be a m TRST 100 consecuti between to be a m TRST 100 consecuti between to be a m Illowing non-co	holding aintena <b>0, 7.7, t</b> : ve loose holding aintena <b>0, 7.7, t</b> : ve loose holding aintena <b>olor-coc</b> <b>0, 13.5</b> . <sup>-</sup> rd was r	fastener nce conc able 7.1: e non-ho fastener nce conc able 7.1: e non-ho fastener nce conc fastener nce conc fastener fastener nce conc fastener f	rs was 1 dition. F : At D1 : ilding fa rs was 1 dition. F : At D1 : olding fa rs was 1 dition. F cts wer 314+60 Remedi A-TPE-1	08 inches. Red conditions 297+50, on asteners we 08 inches. Red conditions 256+10, on asteners we 20 inches. Red conditions re observed b, the third manual action fo	Condition w on. the right rai re observed Condition w on. the left rail, re observed Condition w on. l: rail end appr r this defect	. The distance as determined four . The distance as determined oach is addressed	Recomm	iended Re	einspectic	on?	Yes



	ammstration	
	<ul> <li>TRST 1000, 13.5.7: At D1 236+00, the third rail end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach FTA-TPE-17-021-a.</li> <li>TRST 1000, 13.3.13: At D1 229+60, the third rail support bracket was disconnected.</li> <li>TRST 1000, 10.17.4.1: At D1 217+00, relay third rail was observed in the gauge and walkway of the of the track.</li> <li>TRST1000, 10.17.4.1: At D1 215+80, relay rail was observed in the gauge of the track.</li> <li>TRST 1000, 15.5.6: At D1 212+30, collector shoe marks were observed striking the end of the third approach, and several broken collector shoes were observed in the area. See Figure 4 below.</li> <li>The following remedial actions were verified as complete:         <ul> <li>Repairs have been made to the grout pads at D1 227+30.</li> <li>Repairs have been made to the spalling and chipping rail conditions between D1 254+40 and 254+60.</li> <li>Repairs have been made to the spalling and chipping rail conditions between D1 256+00 and 256+20.</li> <li>Repairs have been made to the defective fasteners at D1 273+40.</li> </ul> </li> </ul>	
Remedial Action	<ul> <li>To achieve compliance WMATA's requirements:</li> <li>WMATA must repair the three non-holding fasteners at D1 297+60.</li> <li>WMATA must repair the three non-holding fasteners at D1 297+50.</li> <li>WMATA must tighten the four non-holding fasteners at D1 256+10.</li> <li>WMATA must repair the spalling condition between D1 289+90 and 289-90.</li> <li>WMATA must repair the damaged rail at D1 283+90.</li> <li>WMATA must repair the damaged electrical junction box at D1 261+40.</li> <li>WMATA must repair the third rail support bracket at D1 229+60</li> <li>WMATA must remove the relay rail at D1 217+00.</li> <li>WMATA must remove the relay rail at D1 215+80.</li> <li>WMATA must adjust the height of the third rail end approach at D1 212+40.</li> </ul>	



### Photos:



Figure 1: Damaged rail at D1 283+90.



Figure 2: Rail spalling at D1 272+00.







Figure 3: Dislodged electrical junction box at D1 261+40.



Figure 4: Collector shoe strike marks at D1 212+30 end approach.



Federal Transit Administration

Inspection Date     2018     11     06     Report Name     20181100-WNV/ATA-TW-1       Rail Agency Name     Washington Metropolitan Area Transit Authority     Rail Agency Department     ATC     Sub- Department       Rail Agency Department Contact Information     Name     Email     Office Phone     Mobile Phone       Inspection Location     K-Line, Clarendon (K02) K1/K2 CM 223+00 to K1/K2 CM 219+00; Train Control Room (TCR) 115	Inspection Date	YYYY	MM	DD	Report Number	20181106-WMATA-TW-1				
Rail Agency Name     Authority     Department     ATC     Sub- Department       Name     Email     Office Phone     Mobile Phone       Rail Agency Department Contact Information     Image: Contact Information     Image: Contact Information     Image: Contact Information	inspection bate	2018	11	06	Report Number					
Rail Agency Department Contact Information	Rail Agency Name						ATC Sub- Department			
Contact Information     Image: Contact Information     Image: Contact Information     Image: Contact Information       Image: Contact Information     Image: Contact Information     Image: Contact Information     Image: Contact Information		1	Name		Email	Office Phone	e	N	1obile Phone	
Inspection Location K-Line, Clarendon (K02) K1/K2 CM 223+00 to K1/K2 CM 219+00; Train Control Room (TCR) 115	• • •									
	Inspection Location	K-Line, Clarer	ndon (K02) K1,	/K2 CM 223+00	to K1/K2 CM 219+00; Tr	ain Control Room (TCR)	) 115			

### **Inspection Summary**

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

### **Activity Summaries**

Inspection Activity #	1	Inspect	tion Subje	ect	Job Safe	ty Briefi	ng			Activity Co	de	AT	С	JSB	OBS
Job Briefing Employee Name/Title	ATC #	2195				Accom Inspec	ipanied tor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A					Relate	d CAPS / F	indings	N/A						
	Ref				Rule or S	OP		Standard		Other / T	itle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRP	Ή													
Standards, or Other															
	Maii Trac		Yard	Stati			FTA Office	<b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A	
Inspection Location				х			х		Track Type			х			
Line(a)	K Line		Track		N1/0		Chain Mar	ker		From			То		
Line(s)	K-Line	2	Numbe	r	N/A	and/or Station(s)		ition(s)	Clarendon (KC	Clarendon (K02) (TCR)			ndon	(K02) (TCR)	
	Hea	d Car Nu	umber		Number o	f Cars									
Vehicles		N/A			N/A		Equipr	nent	N/A						

Inspector in Charge - Signature		TERRELL A WILLIAMS	Date Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:31:07 -05'00
Inspector in Charge - Name Terrell Williams	Inspection Team Lee Emard and Robert Adams	~	



	FWSO inspectors received a job safety briefing from the WMATA ATC 2195 at	Number of Defects	0
	Clarendon (K02) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest	Recommended Finding?	No
Description	hospital and safety rule of the day. The potential safety hazards were discussed.	<b>Remedial Action Required?</b>	No
	The FWSO inspectors did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	ATC Ob	servatic	n			Activity Co	de	AT	C	RM	PI
Job Briefing Employee Name/Title	ATC #	<b>‡219</b> 5	5			Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS / F	indings	ndings FTA-TPE-17-021-A						
	Ref				Rule or S	SOP Standard			Other / T	Other / Title Ch				ecklist Reference	
Related Rules, SOPs, Standards, or Other		ATC 3000, 3003 - nterlocking Inspection													
	TRST	1000	000												
Incompation I continue	Mai Trac		Yard	Stati	on (	DCC	RTA Facility	FTA Office	Tuesda Taura	At-grade	e Tui	nnel	Ele	vated	N/A
Inspection Location	x						х		Track Type		x				
Line(s)	K-Line	K-Line Track Tracks 1 Number and 2			1	Chain Marker and/or Station(s) K1/K2 CM 223			,	12) Clarendon (			,		
	Hea	d Car	r Number	1	Number o	of Cars									
Vehicles		N/	/A		N/A	1	Equip	ment	N/A						
			•				• •	perform an ir		Number	of Defect	s			2
								03 interlocki the operatio	ng inspection. n and the	Recomm	ended Fir	nding?			No
										Remedia	Action R	equire	d?		Yes
Description	switcl	<ul> <li>(02) from K1/K2 CM 223+00 to CM 219+00. The switches 1A/3A on track 1 and witches 1B/3B on track 2 were inspected.</li> <li><b>TRST 1000 13.5.7:</b> Third rail coverboard was missing at CM K1 220+00. Remedial action for this defect is addressed in WMATA's approach to</li> </ul>											Yes		
		<ul> <li>FTA-TPE-17-021-A.</li> <li>TRST 1000 13.5.7: Third rail coverboard was missing at CM K2 222+00. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> </ul>													
Remedial Action	N/A														



Inspection Date	YYYY	MM	DD	Report Number	20181107-WMATA-TW-1						
inspection Date	2018	11	07	Report Number							
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	ATC	Sub- Department					
-	Name			Email	Office Phone	е	≥	1obile Phone			
Rail Agency Department Contact Information											
Inspection Location	N-Line, Tysoi	N-Line, Tysons Corner (N02) N1/N2 CM 697+00 to N1/N2 CM 702+00; Train Control Room (TCR)									

### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspection Subj	ect	Job Safe	ty Briefin	g			Activity Co	ode	AT	C	JSB	OBS
Job Briefing Employee Name/Title	ATC #2	78			-	Accompanied Inspector?			Yes	Time	100 130	-	Outside Shift	No
Related Reports	N/A				Related CAPS / Findings N/A			N/A						
	Ref	Rule or SO					Standard		Other / T	ītle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	MSRPH	1												
Standards, or Other														
	Main Track	Yard	Statio	on C		RTA Facility	FTA Office	<b>T</b>	At-grad	e Tu	nnel	Ele	evated	N/A
Inspection Location			Х			х		Track Type	x					
Line(a)	Nilino	Track			с	hain Mai	rker		From		То			
Line(s)	N-Line	Numbe	er	N/A	N/A and		ation(s)	Tysons Corne	r (NO2) TCR Tyso			sons Corner (N02) TCR		
	Head	Car Number	Ν	lumber o	nber of Cars									
Vehicles		N/A		N/A		Equipment		N/A						

Inspector in Charge - Signature		TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:43:20 -05'00'
Inspector in Charge - Name	Inspection Team		
Terrell Williams	Robert Adams & Alexander Nepa		



	FWSO inspectors received a job safety briefing from the WMATA ATC 278 at	Number of Defects	0
	Tysons Corner (NO2) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the	Recommended Finding?	No
Description	nearest hospital and safety rule of the day. The potential safety hazards were	<b>Remedial Action Required?</b>	No
	discussed.	Recommended Reinspection?	No
	The FWSO inspectors did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 I	nspection Sub	ject	ATC Ob	servatio	on			Activity Co	ode	AT	ГС	RM	PI
Job Briefing Employee Name/Title	ATC 27	78				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000- 1300		Outside Shift	No
Related Reports	N/A				Relat	Related CAPS / Findings CAP: FTA-16-4			I-T-9					
	Ref			Rule or S	OP	OP Standard			Other / 1	Other / Title Ch			cklist Refe	rence
Related Rules, SOPs, Standards, or Other		ATC 3000, 3003 - Interlocking Inspection												
	TRST 10	RST 1000												
Inspection Location	Main Track	Main Track Yard Station OCC		DCC	RTA Facility	FTA Office	Track Tupo	At-grad	e Tu	nnel	Ele	evated	N/A	
	x				X Track Type		x							
Line(s)	Nilino	Track	Track Tracks 1			Chain M	Chain Marker F			From				
Line(s)	N-Line	N-Line Number and 2				and/or Station(s) Tysons Corner			er (N02)		Tyso	ns Cor	ner (N02)	
	Head	ead Car Number of Cars												
Vehicles		N/A N/A Equipment N/A						N/A						
	The FWSO inspectors observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking								Number	of Defect	ts			3
								king d the operation	Recommended Finding?					No
													Yes	
Description	track 1	Tysons Corner (N02) from N1/N2 CM 697+00 to 702+00. The switches 1A/3A on track 1 and switches 1B/3B on track 2 were inspected.       Image: The following non-color-coded defects were observed:         • TRST 1000, 9.10: At the 3A switch, N1 698+10 numbers three and four switch rods were loose.       • TRST 1000, 9.10: At the 3B switch, N2 701+90 the number four rod was loose.										Yes		
Remedial Action	To achi •	eve complianc WMATA m	e with ust tig	WMATA ghten nur	's requi nbers t	rements: hree and f		ds in the 3A swi 3B switch.	itch.					



### Photos:



Figure 1: Blocked center drain at N2 698+00.



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181107-WMATA-TW-2					
inspection Date	2018	11	07	Report Humber	20101107-WWATA-1W-2					
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	ATC	Sub- Department				
		Name		Email	Office Phone	e	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	K-Line, Ballston-MU (K04) K1/K2 CM 273+00 to K1/K2 CM 277+00; Train Control Room 115 (TCR)									
In a still of the state of the										

### **Inspection Summary**

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

### **Activity Summaries**

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ty Briefi	ng			Activity Co	de	AT	С	JSB	OBS
Job Briefing Employee Name/Title	ATC #	2132			Accom Inspec	panied tor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref	f Rule or SC			OP		Standard			itle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	MSRP	Н												
Standards, or Other														
	Maiı Trac	Yard	Stat	ion C	DCC	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location			>	<		х		Track Type			х			
Line(a)	Kline	Track		N1/0		Chain Mar	ker	From			То			
Line(s)	K-Line	Numb	er	N/A		and/or Sta	ation(s)	Ballston-MU (K04) (TCR) Ballston-MU (K0				U (K04) (TC	R)	
	Hea	d Car Number		Number o	ber of Cars									
Vehicles		N/A		N/A		Equipment		N/A						

Inspector in Charge - Signature		TERRELL A	Digitality signed by TERRELL A
		WILLIAMS	WILLIAMS Date: 2018.11.13 08:47:01 -05'00'
Inspector in Charge - Name	Inspection Team		
Terrell Williams	Lee Emard		



	FWSO inspector received a job safety briefing from the WMATA ATC 2132 at	Number of Defects	0
	Ballston-MU (K04) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the	Recommended Finding?	No
Description	nearest hospital and safety rule of the day. The potential safety hazards were	<b>Remedial Action Required?</b>	No
	discussed.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2	Inspec	tion Subj	ject	ATC Ob	servati	on			Activity Co	de	AT	C	RM	PI		
Job Briefing Employee Name/Title	ATC #	2132					mpanied ector?	Yes		Yes	Time		0 to 00	Outside Shift	No		
Related Reports	N/A					Rela	Related CAPS / Findings FTA-TPE-17-021			21-A	21-A						
	Ref				Rule or	SOP		Standard		Other / T	ïtle		Che	cklist Refe	rence		
Related Rules, SOPs, Standards, or Other		TC 3000, 3003 - Iterlocking Inspection															
	TRST 1	1000															
Inspection Location	Mair Tracl		Yard	Stat	ion	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tui	nnel	Ele	evated	N/A		
Inspection Location	x				х				ттаск туре			Х					
			Track		Tracks	1	Chain Ma	rkor		From	From			То	То		
Line(s)	K-Line		Numbe	er	and 2	. 1	and/or S		Ballston-MU( K1/K2 CM 27					U(K04) 277+00			
Male and	Head	d Car N	umber		Number	of Cars	· ·										
Vehicles		N/A			N/.	Ą	Equi	oment	N/A								
								perform an in		Number of Defects					3		
								003 interlocki ne track at Ba	ng inspection.	Recomm	Recommended Finding?				No		
	(K04) f	from K1	/K2 CM 2	273+0	0 to CM	277+00		nes 1A/3A on		Remedia	l Action R	equire	d?		Yes		
	switch	nes 1B/3	B on tra	ck 2 w	ere inspe	ected.											
	The fo	llowing	g non-col	or-coc	led defe	cts wer	e observed	:									
Description	•	Re		ction f	for this d			missing at CM in WMATA's a							Mar		
		Re		ction f	for this d			missing at CM in WMATA's a		Recomm	ended Re	inspect	tion?		Yes		
	•	<ul> <li>TRST 1000 13.5.7: Third rail coverboard was missing at CM K2 274+90. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> </ul>															
Remedial Action	N/A																



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181108-WMATA-TW-1						
inspection Date	2018	11	08	Report Number							
Rail Agency Name				Rail Agency Department	ATC	Sub- Dep					
	Name			Email	Office Phone		N	1obile Phone			
Rail Agency Department Contact Information		•									
Inspection Location	N-Line, Wieh	N-Line, Wiehle-Reston East (N06) Train Control Room (TCR)									

### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspect	tion Subj	ect	Job Safe	ty Briefin	ıg			Activity Co	ode	AT	C	JSB	OBS
Job Briefing Employee Name/Title	ATC #2	2334					Accompanied Inspector?		Out Brief Conducted	Yes	Time	100 140		Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	ОР		Standard		Other / T	ītle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRPI	Н													
Standards, or Other															
	Mair Tracl		Yard	Statio	on C	OCC RTA Facility		FTA Office	<b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х			Х		Track Type	x					
			Treat					dia a	From			То			
Line(s)	N-Line	2	Track Numbe	r	N/A		Chain Marker and/or Station(s) Wiel 122						Wiehle-Reston East (N06) TCR 122		
	Head	d Car Nu	umber	Ν	lumber o										
Vehicles		N/A			N/A		Equipment		N/A						

Inspector in Charge - Signature		TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:50:32 -05'00'
Inspector in Charge - Name Terrell Williams	Inspection Team Alexander Nepa		



	FWSO inspector received a job safety briefing from the WMATA ATC 2334 at	Number of Defects	0
	Wiehle-Reston East (N06) TCR 122. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel	Recommended Finding?	No
Description	covered the nearest hospital and safety rule of the day. The potential safety	<b>Remedial Action Required?</b>	No
	hazards were discussed.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 In	spection Sub	ject	ATC Ob	servati	on			Activity Co	ode	AT	C	RM	PI
Job Briefing Employee Name/Title	ATC #23	34				ompanied ector?	Yes	Out Brief Conducted	Yes	Time	100 14		Outside Shift	No
Related Reports	N/A				Rela	Related CAPS / Findings N/A								·
	Ref			Rule or S	SOP	DP Standard			Other / T	Other / Title			list Refe	erence
Related Rules, SOPs, Standards, or Other	ATC 3000 Interlock	0, 3003 - ing Inspectio	n											
	TRST 100	00						T						
Inspection Location	Main Track	Yard Station OCC		CC	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A	
	х					х		паск туре	x					
Line(s)	N-Line	Line Track Tracks 1, 2 Chain Marker							From				То	
Line(s)	N-LINE	e Number and 3				and/or St	ation(s)	Wiehle-Resto	on East (N06	)	Wieh	le-Resto	on East (	N06)
Vehicles		ar Number	1	Number o N/A		Equip	ment	N/A						
		O inspector o							Number	of Defect	s			4
		inspection and obstruction testing in accordance with the ATC 3000 manual - 3003 interlocking inspection. Switches 5, 7, 11A, 11B, 9A, 9B and derail 13 were inspected.							Recomm	ended Fi	nding?			No
									Remedia	l Action I	Require	ed?		Yes
Description	<ul> <li>The following non-color-coded defects were observed:</li> <li>TRST 1000, 9.10: At the 5B switch, the number three switch rod was loose.</li> <li>TRST 1000, 3.1.2.4: At the 13 derail, a broken heater wire was observed.</li> <li>TRST 1000 figure 9.5: At the 11A switch, the left heel block had a broken bolt.</li> <li>TRST 1000 5.11.2.3 (b): At the 11A switch, on both rails between the switch point and the wing rail of the frog, a corrugation condition was observed.</li> </ul>									ended Re	einspec	tion?		Yes
	•	wear and o most notal three feet	A swito dynam ble fou in leng	ch, the rig iic lateral ur feet fro gth.	mover om the	nent was ol point of the	as showing s oserved. Side e switch and	e wear was						
Remedial Action	<ul> <li>To achieve compliance with WMATA's requirements:</li> <li>WMATA must tighten the number three switch rod in the 5B switch.</li> <li>WMATA must repair the broken switch heater cable at the 13 derail.</li> <li>WMATA must replace the broken bolt at the heel of the 11A switch.</li> <li>WMATA must address the corrugation condition at the 11A switch.</li> </ul>													



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181108-WMATA-TW-2						
inspection Date	2018	11	08	Report Number	20101108-00000000						
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	ATC	Sub- Dep					
Rail Agency Department	Name			Email	Office Phone	9	Ν	Nobile Phone			
Contact Information											
Inspection Location	Vienna Fairfa	/ienna Fairfax - GMU (K08) K1/K2 CM 776+00 to K1/K2 CM 772+00; Train Control Room 308 (TCR)									

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspection Subj	ect	Job Safe	ty Briefi	ing			Activity Co	de	AT	C	JSB	OBS
Job Briefing Employee Name/Title	ATC #2	2180			Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A	4				Related CAPS / Findings N/A								
	Ref			Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRPH	1												
Standards, or other														
In a section I as stice	Main Track	Yard	Stat	ion C	OCC	RTA Facility	FTA Office	Treads Truce	At-grade	e Tur	nnel	Ele	evated	N/A
Inspection Location			х			х		Track Type	х					
Line(a)	K-Line	Track		N/A		Chain Mar	ker		From	То				
Line(s)	K-LINE	Numbe	r	IN/A		and/or Sta	ation(s)	Vienna Fairfa	k - GMU (K08	B) TCR	Vienn	ia Fair	fax - GMU (	K08) TCR
	Head	l Car Number		Number o	nber of Cars									
Vehicles N/A	N/A		N/A		Equipment		N/A							

Inspector in Charge - Signature		TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS Date: 2018.11.13 08:37:27 -05'00'
Inspector in Charge - Name	Inspection Team		
Terrell Williams	Lee Emard and Robert Adams		



	FWSO inspectors received a job safety briefing from the WMATA ATC 2180 at	Number of Defects	0
	Vienna Fairfax – GMU (K08) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel	Recommended Finding?	No
Description	covered the nearest hospital and safety rule of the day. The potential safety	<b>Remedial Action Required?</b>	No
	hazards were discussed.	Recommended Reinspection?	No
	The FWSO inspectors did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	ATC Ob	servatio	on			Activity Co	ode	AT	C	RM	PI
Job Briefing Employee Name/Title	ATC #	¥2180	)				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	100( 14(		Outside Shift	No
Related Reports	N/A					Relat	Related CAPS / Findings FTA-TPE-17-0			21-A	21-A				
	Ref				Rule or S	SOP		Standard		Other / T	ïtle		Check	list Reference	
Related Rules, SOPs, Standards, or Other	ATC 3 Interle		3003 - g Inspectioi	ı											
	TRST	1000													
Inspection Location	Mai Trac		Yard	Stati	on	occ	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Elev	ated	N/A
	x						х		The type	х	x				
			Track		Tracks	1	Chain Ma	rker		From				То	
Line(s)	K-Line	9	Numbe	er	and 2	1	and/or St		Vienna Fairfa K1/K2 CM 77		. ,				(K08)
Vehicles	Hea	id Car N/	Number	1	Number N/A		Equip	ment	N/A						
								oerform an i 03 interlocki	nterlocking ing inspection.		of Defect				7
	One F	One FWSO inspector remained in the TCR and observed the operation and the other FWSO inspector observed wayside inspection on mainline track at Vienna								-	ended Fi				No Yes
Description	The fo	bilowi	end misma hitting the ing non-col TRST 1000 Remedial a FTA-TPE-17 TRST 1000 total length TRST 1000	<b>oded d</b> <b>5-20:</b> I tch and joint b <b>or-cod</b> <b>13.5.7</b> ction f '-021-A <b>13.5.6</b> n of app <b>13.5.7</b> ction f	efects w nsulated d a 3/4-iu ar. See F led defect : Third ra or this do A. : Third ra proach o : Third ra proach o : Third ra	ere obs rail join nch vert igure 1 its were hil cover efect is hil cover efect is hil end a ver 1 in hil cover	erved: ht at CM K1 tical deflecti below. Yello e observed: board was i addressed ii board was i addressed i pproach was ch at CM K1 board was i	on. The whe pw condition missing at CI n WMATA's missing at CI n WMATA's s worn and . 772+30. missing at CI	a 3/16-inch rail el flange was M K1 772+20. approach to M K1 775+00. approach to burnt up the M K2 774+40. approach to		Recommended Reinspection?				
	<ul> <li>TRST 1000 13.5.7: Third rail coverboard was missing at CM K2 7771+80. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li>TRST 1000 13.5.6: Third rail end approach was worn down on the tip of the end approach five inches back and 1/2 wear at CM K2 772+60.</li> </ul>														



	Other notable observations: <ul> <li>Diamond frog at CM 774+20 showed wear on the wing and was close to being out of tolerance. See Figure 2 below.</li> </ul>	
	To achieve compliance with WMATA's requirements:	
Remedial Action	<ul> <li>WMATA must correct insulated joint mismatch at K1 772+20.</li> <li>WMATA must replace third rail end approach at CM K1 772+30.</li> </ul>	
	<ul> <li>WWMATA must replace third rail end approach at CM K2 772+60.</li> </ul>	

### Photos:



Figure 1: Insulated Joint at CM K1 772+20.



Figure 2: Diamond frog at CM 774+20.

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



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#### Agency/Department Information

Federal Transit Administration

Inspection Date	YYYY	MM	DD	Poport Number	eport Number 20181110-WMATA-TW-1					
Inspection Date	2018	11	10	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	TKIN				
		Name		Email Office Phone		е	Mobile Phon			
Rail Agency Department Contact Information										
Inspection Location	C-Line, Tracks 1 and 2, Crystal City (C09) to Ronald Reagan Washington National Airport (C10)									
nspection Summary	1									

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

#### **Activity Summaries**

Inspection Activity #	1	nspection Subj	ject	Job Safe	ety Brief	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 62	271			Accor Inspe	npanied ctor?	No	Out Brief Conducted	Yes	Time	080 130	-	Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref	Ref Rule or S					Standard		Other / T	ïtle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	RWPM													
Standards, or Other														
	Main Track	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			Х			
Line(a)	C-Line	Track		N/A		Chain Ma	rker		From			То		
Line(s)	C-LINE	Numbe	er	N/A	and/or S		ation(s)	Crystal City (C	209)	09) Cryst		al City (C09)		
	Head Car Number Number of Cars													
Vehicles		N/A		N/A	L.	Equip	ment	N/A						

Inspector in Charge - Signature		TERRELL A WILLIAMS	Date: 2018.11.16 07:10:47 -05'00
Inspector in Charge – Name Terrell Williams	Inspection Team Alexander Nepa		



	FWSO inspector received a job safety briefing from TRST 6271 at the Crystal City	Number of Defects	0
	(C09) briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and	Recommended Finding?	No
Description	hotspots, the safety rule of the day, the location of the nearest hospital, and a	<b>Remedial Action Required?</b>	No
Description	check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2	Inspe	ection Subj	ject	Trac	ck Insp	pectic	n			Activity Co	ode	TF	RK	WI	OBS
Job Briefing Employee Name/Title	TRST 6	21						mpanied ector?	Yes	Out Brief Conducted	Yes	Time	0800 1300		Outside Shift	Yes
Related Reports	N/A						Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or SOP			Standard		Other / T	ītle		Che	cklist Refe	rence	
Related Rules, SOPs, Standards, or Other	TRST 1	000														
Standards, or other	RWPN	2014	4													
	Main Track		Yard	Stat	tion	00	cc	RTA Facility	FTA Office		At-grad	e Tu	Tunnel		evated	N/A
Inspection Location	х									Track Type			Х			
line(a)	C 1 in	_	Track		Tra	ack 1 a	and	Chain Ma	rker		From					
Line(s)	C-Lin	5	Numbe	er	2			and/or St	ation(s)	C1 and C2 31	7+12		C1 ar	nd C2	493+86	
	Head	Car	Number		Numb	per of	Cars									
Vehicles		N//	A			N/A		Equip	ment	N/A						
			•					•		k inspection	Number	of Defect	ts			0
									and two. Insp All roadwa		Recomm	ended Fi	nding?			No
Description		observed cable wire installation and ballast distribution. All roadway workers were observed wearing all required PPE. The work zone locations identified in the									Remedial Action Required?					No
			oriefing wei								Recommended Reinspection?					No
Remedial Action	N/A															



Federal Transit Administration

11			port Number 20181111-WMATA-TW-1					
11	11	Report Number	20101111-001	///////////////////////////////////////				
	Area Transit	Rail Agency Department	TRST Sub- Department TKIN					
Name		Email	Office Phone		N	1obile Phone		
E-Line, Track 1, Greenbelt (E0) to College Park (E09)								
y	y Name	Name	y Department Name Email	y Department TKST Name Email Office Phone I I I I I I I I I I I I I I I I I I I	y Department IRST Sub-Dep Name Email Office Phone	y     Department     TRS1     Sub- Department       Name     Email     Office Phone     M		

#### Inspection Summary

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

#### **Activity Summaries**

Inspection Activity #	1 I	nspection Sub	ject	Job Safe	ety Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 60	)1			Accon Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	080 130	-	Outside Shift	Yes
Related Reports	N/A				Related CAPS / Findings N/A									
	Ref			Rule or S	OP	OP Standard			Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPM													
Standards, or Other														
	Main Track	Yard	Stati	ion C	occ	RTA Facility	FTA Office	Treads Tores	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location			х					Track Type	x					
Ling(c)	E-Line	Track		N/A		Chain Ma	rker		From			То		
Line(s)	c-tine	Numbe	er	N/A	and/o		ation(s)	Greenbelt (E1	LO)		Gree	enbelt (E10)		
	Head	Car Number	I	Number c	ber of Cars									
Vehicles		N/A		N/A		Equip	nent N/A							

Inspector in Charge - Signature		TERRELL A WILLIAMS	Digitary signed by TERRELL A WILLIAMS Date: 2018.11.16 07:07:08 -05'00'
Inspector in Charge – Name Terrell Williams	Inspection Team Alexander Nepa		



	FWSO inspector received a job safety briefing from TRST 601 at Greenbelt (E10)	Number of Defects	0
	station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and	Recommended Finding?	No
Description	hotspots, the safety rule of the day, the location of the nearest hospital, and a	<b>Remedial Action Required?</b>	No
Description	check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
<b>Remedial Action</b>	N/A		

Inspection Activity #	2	Insp	ection Sub	ject	Track	Inspectio	on				Activity Co	ode	TR	K	WI	OBS
Job Briefing Employee Name/Title	TRST	601					ompar ector		Yes	Out Brief Conducted	Yes	Time	0800 1300		Outside Shift	Yes
Related Reports	Safet	y Dire	ective 17-1			Rela	ted C/	APS /	Findings	CAP: FTA-TPE Remedial Act		}				
	Ref				Rule or	SOP			Standard		Other / T	ītle		Chec	klist Refe	rence
Related Rules, SOPs, Standards, or Other	TRST	1000														
Standards, or Other	RWP	M 201	14													
	Mai Trac		Yard	Stati	on	OCC		TA cility	FTA Office	Treads Tread	At-grad	e Tu	nnel	Elevated		N/A
Inspection Location	x									Track Type	x					
Line(s)	E Lir	ne	Track Numbe	er	Track	1		in Ma I/or St	rker ation(s)	Greenbelt (E:	From 10) College Park (E09)					
	Hea	ad Car	· Number	1	Number	of Cars					,		I	0	( )	
Vehicles		N,	/A		N,	/Α		Equip	ment	N/A						
										inspection	Number of Defects					2
	betw	een G	ireenbelt (E	10) an	nd Colle	ge Park (	(E09)	on tra	ck one.		Recommended Finding?					No
	The f	ollow	ving non-co	or-co	ded def	ects wei	re obs	served	:		Remedia	Action I	Require	ed?		Yes
Description	The f	ween Greenbelt (E10) and College Park (E09) on track one.  Recommended Finding? No												Yes		
Remedial Action			eve compliance with WMATA's requirements:													



Federal Transit Administration

Increation Date	YYYY	MM	DD	Report Number	20181113-WN		/D 1	
Inspection Date	2018	11	13	Report Number	20101115-001	VIATA-VV	/P-1	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Depa	artment	ΤΚΙΝ
	I	Name		Email	Office Phone		N	1obile Phone
Rail Agency Department Contact Information								
nspection Location	C-Line, Tracl	< 1, Crystal Cit	y (CO9) to Rona	ld Reagan Washington I	National Airport (C10)			

### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ect	Job Safe	ty Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	501				Accon Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 130	-	Outside Shift	No
Related Reports	N/A					Relate	ed CAPS / I	Findings	N/A						
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	RWPN	Λ													
Standards, or other															
	Mair Trac		Yard	Stati	on C	OCC	RTA F Facility Of		<b>T</b>	At-grade	e Tui	nnel E		evated	N/A
Inspection Location				х					Track Type			х			
Line(c)	Cline		Track		NI/A		Chain Ma	rker		From				То	
Line(s)	C-Line		Numbe	er	N/A		and/or St	ation(s)	Crystal City (C	:09)		Crysta	al City	r (C09)	
	Hea	d Car N	umber	1	Number o	of Cars									
Vehicles		N/A			N/A	Eaui		ment	N/A						

Inspector in Charge - Signature		Date
		igitally signed by WINSLOW L. POWELL ate: 2018.11.30 12:52:54 -05'00'
Inspector in Charge – Name	Inspection Team	·
Winslow Powell	Alexander Nepa	



	FWSO inspector received a job safety briefing from TRST 601 at Crystal City (C09)	Number of Defects	0
	station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and	Recommended Finding?	No
Description	hotspots, the safety rule of the day, the location of the nearest hospital, and a	<b>Remedial Action Required?</b>	No
Description	check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

			ject	Ггаскі	Vlainten	ance Follov	/-up	Activity Co	ode	TRK	WI	OBS	
Job Briefing Employee Name/Title	TRST 601					mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000- 1300	Outsid Shift	e No
Related Reports	Safety Di	ective 17-1			Relat	ted CAPS /	Findings	CAP: FTA-TPE	-17-021-a				
	Ref			Rule or	SOP		Standard		Other / 1	Гitle		Checklist Ref	erence
Related Rules, SOPs, Standards, or Other	TRST 100	0											
Standards, of Other	RWPM 20	)14											
	Main Track	Yard	Stat	tion	осс	RTA Facility	FTA Office	Tue els Ture e	At-grade Tu		nnel	Elevated	N/A
Inspection Location	х			Track Type		x	x x		х				
		Track				Chain Ma	rkor		From				
Line(s)	C-Line	Numb	er	Track	1		or Station(s) Crystal City (CC		(19)			ald Reagan Washington Donal Airport (C10)	
	Head Ca	ar Number		Number	of Cars								
Vehicles	I	N/A		N/	A	Equip	ment	N/A					
					•		Crystal City	. ,	Number	of Defect	s		0
	Ronald Reagan Washington National Airport (C10) on track one to follow up on recently completed track maintenance. Inspector observed all completed work to									nended Fi	nding?		No
Description	,						l included fas		Remedia	al Action F	Required	1?	No
		rout pad renewal, as well as switch maintenance. he FWSO inspector did not note any defects.								nended Re	einspecti	ion?	No
Remedial Action	N/A	o mopector		, note a	iny acted								



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181114-WM		VD 1				
inspection Date	2018	11	14	Report Number							
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	ATC						
ail Agency Department contact Information	l	Name		Email	Office Phone	е	N	1obile Phone			
Inspection Location	A-Line, Twin	brook (A13) Tr	ain Control Roc	om (TCR) 111 and CM A:	1 665+00 to CM A1 742	2+25					

### **Inspection Summary**

			r	r	1	
Inspection Activity #	1	2	3	4	5	6
Activity Code	ATC-JSB-OBS	ATC-RM-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	11				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	No				
Recommended Reinspection	No	Yes				

#### **Activity Summaries**

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Brief	fing			Activity Co	ode	AT	C	JSB	OBS
Job Briefing Employee Name/Title	ATC 22	51			Accon Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A				Relate	ed CAPS / F	indings	N/A						
	Ref			Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRPH	1												
Standards, or other														
	Main Track	Yard	Stati	ion C	DCC	RTA Facility	FTA Office	T	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location			х					Track Type	х					
Ling(a)	Alina	Track				Chain Ma	rker		From	÷			То	
Line(s)	A-Line	Numbe	er	N/A	and/or St	and/or Sta	ation(s)	Twinbrook (A	.13)		Twint	orook	(A13)	
	Head	Car Number		Number c										
Vehicles		N/A		Number of Cars Equi	Equip	ment	N/A							

		Date
WINSLOW L. POWELL		ally signed by WINSLOW L. POWELL 2018.12.04 08:45:03 -05'00'
pection Team Emard	pection Team	pection Team



	FWSO in	spector recei	ved a job s	afety briefir	ng from the	WMATA AT	C 2251. All	Number	of Defect	ts		0	-	
		protective e	•••			•	. ,	Recomm				No		
Description		ecked. WMAT ne day. The p					l and safety	Remedia			d?	No		
		ie daji ine p				abbear		Recomm	ondod Ra	ainsnact	tion?	No		
		O inspector	did not not	e any defe	cts.			Recomm	enueu Ke	emspect		NU	-	
Remedial Action	N/A													
Inspection Activity #	2 In	spection Sub	ject AT	C Track Circ	uit Shunt V	erification In	spection	Activity Co	de	ATO	C R	N	ΡI	
Job Briefing Employee Name/Title	ATC 2343	3			mpanied ector?	Yes	Out Brief Conducted	Yes Time		1000 140			No	
Related Reports	N/A			Relat	ted CAPS /	Findings	Remedial Act CAP: FTA-TP		, 2456, 1	536				
	Ref		Rule	or SOP		Standard		Other / T	itle		Checklist	ecklist Reference		
Related Rules, SOPs,	CIRCUIT VERIFICA	0 - 1012C TRA SHUNT ATION TEST IN 3, JANUAR												
Standards, or Other	AF TRAC RECEIVEI (UNINTE (REVISIO 2016)	0 - 1012D K CIRCUIT R OUTPUT TE NDED SIGNA N 3, JANUAR	_)											
	TRST 100	00												
Inspection Location	Main Track	Yard	Station	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Elevated	Ν	J∕A	
	х		х		х		Track Type	х		х				
		Treat			Chain Ma			From			Т	)		
Line(s)	A-Line	Track Numb	er Tr	ack 1	Chain Ma and/or S		Twinbrook (A CM A1 665+				brook (A13) TCR \1 742+25			
	Head C	Car Number	Num	ber of Cars	<b>F</b> i		N1 / A							
Vehicles		N/A		N/A	Equi	oment	N/A							
		•			•		k circuit shunt	Number	of Defect	ts		11		
		ion and unint - 1012C test a						Recomm	ended Fi	nding?		No		
							erification and	Remedia	l Action I	Require	d?	No		
		led signal tes 65+00 and Cl			ack circuits	located way	side between							
	The following non-color-coded defect													
• TRST 1000, 13.3.4: Third rail a						as broken at	CM A1 710+80.							
Description	•	TRST 1000	<b>, 10.17.4.1</b> <, creating	: Relay rail v	was locate	d between ru	nning rail and 580+40 to CM	Ŀ				Yes		

A1 705+60.
TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1 705+40. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.
TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1 708+90. Remedial action for this defect is addressed by WMATA's

approach to FTA-TPE-17-021-A.



• TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         709+60. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail anchor arm was broken at CM A1 703+50.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         711+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         716+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 10.14: Emergency Trip Station (ETS) Light was broken at box #A 203 at CM A1 731+13.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail end portane was missing coverboard at CM A1 701+00.         • WMATA has repaired the chain marker at CM A1 681+00.         • WMATA has			Т
• TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         711+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1         716+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 10.14: Emergency Trip Station (ETS) Light was broken at box #A 203 at CM A1 731+13.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1 736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1 736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         • TRST 1000, 13.5.7: Mird rail end approach was missing coverboard at CM A1 731+00.         • WMATA has repaired the chain marker at CM A1 681+00.         • WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.         • WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50.         •		709+60. Remedial action for this defect is addressed by WMATA's	
711+50. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 716+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <b>TRST 1000, 10.14:</b> Emergency Trip Station (ETS) Light was broken at box #A 203 at CM A1 731+13. <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <b>TRST 1000, 13.5.7:</b> Third rail was missing coverboard at CM A1 736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A. <b>The following remedial actions were verified as complete: WMATA</b> has repaired the chain marker at CM A1 681+00.         WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.         WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50. <b>To achieve compliance with WMAT's requirements:</b> WMATA must replace third rail anchor arm at CM A1 710+80.         WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.		• TRST 1000, 13.3.4: Third rail anchor arm was broken at CM A1 703+50.	
716+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         TRST 1000, 10.14: Emergency Trip Station (ETS) Light was broken at box #A 203 at CM A1 731+13.         TRST 1000, 13.5.7: Third rail was missing coverboard at CM A1 736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         TRST 1000, 13.5.7: Third rail end approach was missing coverboard at CM A1 736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         TRST 1000, 13.5.7: Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         The following remedial actions were verified as complete:         WMATA has repaired the chain marker at CM A1 681+00.         WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.         WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50.         To achieve compliance with WMAT's requirements:         WMATA must replace third rail anchor arm at CM A1 710+80.         WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.		711+50. Remedial action for this defect is addressed by WMATA's	
Book #A 203 at CM A1 731+13.Image: book #A 203 at CM A1 731+100.Image: book #A 203 at CM A1 742+00 and 744+50.Image: book #A 203 at CM A1 701+80.Image: book #A 203 at CM A1 700+80.Image: book #A 204 at 205 at 2		716+30. Remedial action for this defect is addressed by WMATA's	
Remedial Action       736+30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         •       TRST 1000, 13.5.7: Third rail end approach was missing coverboard at CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         •       The following remedial actions were verified as complete:         •       WMATA has repaired the chain marker at CM A1 681+00.         •       WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.         •       WMATA sprayed vegetation growth and killed growth at CM A1 701+00.         •       WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50.         •       WMATA must replace third rail anchor arm at CM A1 710+80.         •       WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.			
CM A1 737+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.         The following remedial actions were verified as complete:         WMATA has repaired the chain marker at CM A1 681+00.         WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.         WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50.         To achieve compliance with WMAT's requirements:         WMATA must replace third rail anchor arm at CM A1 710+80.         WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.		736+30. Remedial action for this defect is addressed by WMATA's	
• WMATA has repaired the chain marker at CM A1 681+00.         • WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.         • WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50.         To achieve compliance with WMAT's requirements:         • WMATA must replace third rail anchor arm at CM A1 710+80.         • WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.		CM A1 737+00. Remedial action for this defect is addressed by	
Remedial Action       • WMATA has tightened the left side heal block at switch 3A at CM A1 701+00.       • WMATA sprayed vegetation growth and killed growth at CM A1 742+00 and 744+50.         To achieve compliance with WMAT's requirements:       • WMATA must replace third rail anchor arm at CM A1 710+80.         • WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.		The following remedial actions were verified as complete:	
Remedial Action       To achieve compliance with WMAT's requirements:         •       WMATA must replace third rail anchor arm at CM A1 710+80.         •       WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.		• WMATA has repaired the chain marker at CM A1 681+00.	
Remedial Action       To achieve compliance with WMAT's requirements:         •       WMATA must replace third rail anchor arm at CM A1 710+80.         •       WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.			
<ul> <li>WMATA must replace third rail anchor arm at CM A1 710+80.</li> <li>WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.</li> </ul>			
Remedial Action         •         WMATA must remove relay rail between CM A1 680+40 to CM A1 705+60.		To achieve compliance with WMAT's requirements:	
	Remedial Action		<i>i</i> 0.
<ul> <li>WMATA must repair ETS Light at box # A203 at CM A1 731+13.</li> </ul>		· · · · · · · · · · · · · · · · · · ·	



**Inspection Form** 

FOIA Exemption: All (b)(6)

### Agency/Department Information

Federal Transit Administration

Increation Data	YYYY	MM	DD	Poport Number	20181114-WMATA-WP-2					
Inspection Date	2018	11	14	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	ΤΚΙΝ		
	I	Name		Email	Office Phone Mo			1obile Phone		
Rail Agency Department Contact Information										
Inspection Location	F and E-Lines, Track 2, L'Enfant Plaza (F03) to Mt. Vernon Sq (E01)									

### **Inspection Summary**

	-	-		-	_	-
Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-JSB-OBS	TRK-WI-OBS				
Inspection Units	1	1				
Inspection Subunits	1	0				
Defects (Number)	0	9				
Recommended Finding	No	No				
Remedial Action Required <sup>1</sup>	No	Yes				
Recommended Reinspection	No	Yes				

#### **Activity Summaries**

Inspection Activity #	1 I	nspection Subj	ject	Job Safe	ty Brief	ing			Activity Co	ode	TR	K	JSB	OBS	
Job Briefing Employee Name/Title	TRST 67	77			Accon Inspec	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 133	-	Outside Shift	No	
Related Reports	N/A				Relate	ted CAPS / Findings N/A									
	Ref			Rule or S	SOP Standard				Other / T	ītle		Checklist Reference			
Related Rules, SOPs, Standards, or Other	Standards, or Other														
Standards, or Other															
	Main Track	Yard	Stati	ion C	CC	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 Line	Track		NI/0		Chain Ma	rker		From			То			
Line(s)	F-Line	Numbe	er	N/A		and/or St	ation(s)	L'Enfant Plaza	a (F03)		L'Enfa	L'Enfant Plaza (F03)			
	Head	Car Number		Number o	f Cars										
Vehicles		N/A		N/A		Equip	ment	N/A							

	WINSLOW L. POWELL	ned by WINSLOW L. POWELL 11.30 12:38:18 -05'00'
Inspector in Charge – Name Inspection Team		
Winslow Powell Alexander Nepa & Robert Adams		



	FWSO inspectors received a job safety briefing from TRST 677 at L'Enfant Plaza	Number of Defects	0
	(F03) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
Description	and hotspots, the safety rule of the day, the location of the nearest hospital, and	<b>Remedial Action Required?</b>	No
Description	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspectors did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 In	spection Sub	ject	Track In	spectio	n			Activity Co	ode	TR	K V	/I	OBS	
Job Briefing Employee Name/Title	TRST 677	7			Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 1330		side ift	No	
Related Reports	N/A				Relat	ed CAPS / I	Findings	CAP: TOC-SR Remedial Act	SRT-15-002 Action ID: 3173, 3174, 2591						
	Ref			Rule or S	5OP		Standard			ïtle		Checklist	ist Reference		
Related Rules, SOPs,	TRST 100	00													
Standards, or Other	RWPM 2	2014													
Inspection Location	Main Track	Yard	Statio	on C	DCC	RTA Facility	FTA Office	Track Type	At-grade	At-grade Tunnel Elevat		Elevate	1	N/A	
	x							The rype			х				
	F and E	Track		Tue els 2	、 、	Chain Ma	rker		From		I				
Line(s)	Lines	Numb	er	Track 2	2	and/or St	ation(s)	L'Enfant Plaza	a (F03)		Mt. V	/ernon Sq (l	q (E01)		
	Head C	Car Number	N	lumber o	of Cars										
Vehicles		N/A		N/A	1	Equip	ment	N/A							
	FWSO in	spectors perf	ormed	a remed	lial actio	on verificat	ion and trac	k inspection	Number	of Defect	s			9	
	between	n L'Enfant Pla	za (F03)	) and Mt	. Verno	n Sq. on tra	ack two.		Recomm	ended Fi	nding?			No	
	The fells	owing non-co	امد مما	ad dafa					Remedia			d2		Yes	
Description	•	partially di TRST 1000 corrosion of TRST 1000 deteriorat below. TRST 1000 observed. approach of TRST 1000 the field si TRST 1000 LED lights TRST 1000	slodged, 5.11.4 was obs , 3.1.2. ed, whi , 3.2.2. Remed to TOC- , 10.17 de of th , 10.15 were no , 3.2.2. Remed	d from th A t F2 ( served. S 2: At F2 ch could 4: At F2 ial action SRT-15-( .4.1: At I he track : Betwee ot illumin 4: At E2	ne wall. 035+35 Gee Figu 033+25 cause a 026+50 n for thi 002. F2 007+ and the en E2 00 nated. 015+15 n for thi	See Figure on the righ re 2 below , the cente a trip and fa , a side wal s defect is 00, relay ra catwalk. 06+00 and 0 , a side wal	t rail, advan r drain has c all hazard. So I tunnel leak addressed ir il was obser	ced web orroded and ee Figure 3 was n WMATA's ved between newly installed was	Recomm	ended Re	einspec	tion?		Yes	



WMATA must tighten the heel block bolts at F1 043+00 1B switch.
WMATA must repair the broken hand rail at F1 038+00.
WMATA must address the corrosion on the web of the rail at F2 035+35.
WMATA must replace the center drain at F2 033+25.
WMATA must remove the relay rail at F2 007+00.
WMATA must repair the LED lights between E2 006+00 and 008+00.
WMATA must tighten the heel block bolts at E2 023+00 3B switch.

### Photos:

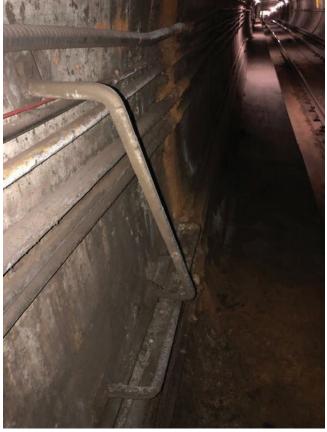


Figure 1: Dislodged hand railing at F2 038+00.



Figure 2: Web corrosion on the right rail at F2 035+35.

# 0



Figure 3: Deteriorated and corroded center drain at F2 033+25.



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181115-WMATA-WP-1					
inspection Date	2018	11	15	Report Number						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Department		TKIN		
	I	Name		Email	Office Phone	е	N	1obile Phone		
Rail Agency Department Contact Information										
Inspection Location	L-Line, Track									

### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ty Brief	ing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST	679				Accon Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	100 133	-	Outside Shift	No
Related Reports	N/A					Related CAPS / Findings N/A									
	Ref				Rule or S	SOP Standard				Other / T	ïtle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	Standards, or Other														
Standards, or other															
	Maiı Trac		Yard	Stati	ion C	CC	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location				х					Track Type			х			
Line(c)	Lling		Track		NI/A		Chain Ma	rker		From		То			
Line(s)	L-Line		Numbe	er	N/A		and/or St	ation(s)	L'Enfant Plaza	a (F03)		L'Enfa	ant Pl	aza (F03)	
	Hea	d Car N	umber	1	Number o	f Cars		_							
Vehicles		N/A			N/A		Equip	ment	N/A						

Inspector in Charge - Signature		Date
		signed by WINSLOW L. POWELL 8.11.30 12:44:21 -05'00'
Inspector in Charge – Name	Inspection Team	
Winslow Powell	Alexander Nepa & Robert Adams	



Description	FWSO inspectors received a job safety briefing from TRST 679 at L'Enfant Plaza	Number of Defects	0
	(F03) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards	Recommended Finding?	No
	and hotspots, the safety rule of the day, the location of the nearest hospital, and	Remedial Action Required?	No
	a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspectors did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 I	Inspection Su	bject	Track Inspection					Activity Code		TR	TRK		OBS
Job Briefing Employee Name/Title	TRST 677				Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000 1330		Outside Shift	No
Related Reports	Safety Directive 17-1					Related CAPS / Findings CAP: FTA-TPE			-17-021-a, TOC-SRT-15-002					
Related Rules, SOPs, Standards, or Other	Ref Rule or S				SOP Standard		Other / Title			Checklist Reference				
	TRST 1000													
	RWPM 2014													
Inspection Location	Main Track	Yard	Stati	on	осс	RTA Facility	FTA Office	Track Type	At-grad	e Tu	Tunnel		vated	N/A
	х										Х			
Line(s)	Track		Σ.	Track	2	Chain Ma	/larker		From					
	L-LINE	L-Line Number		Hack	and/or Sta		ation(s)	CM L2 101+0	0	L'Enf		fant Plaza (F03)		
Vehicles	Head	Car Number	1	Number	of Cars	Fauin	pment N/A							
		N/A N/A Equipment N/A												
Description		FWSO inspectors performed a remedial action verification and track inspection								Number of Defects				3
	betwee	between CM F2 101+00 and L'Enfant Plaza (F03) on track two.							Recommended Finding?					No
	The fol	The following non-color-coded defects were observed:								Remedial Action Required?				Yes
	• Other r	<ul> <li>had a broken cover.</li> <li>TRST 1000, 13.5.7: At L2 071+00, the third rail end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>TRST 1000, 3.2.2.4: At L2 026+50 070+60, a side wall tunnel leak was observed. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002. See Figure 1 below.</li> <li>Other notable observations:</li> </ul>							Recommended Reinspection?					Yes
Remedial Action	<ul> <li>approaching train as required, and did not read from the card instructions to the train of a work group occupying the track. These deficiencies were addressed by the escorting compliance officers.</li> <li>To achieve compliance with WMATA's requirements:         <ul> <li>WMATA must repair the ETS box cover at L2 073+20</li> </ul> </li> </ul>													



Photos:

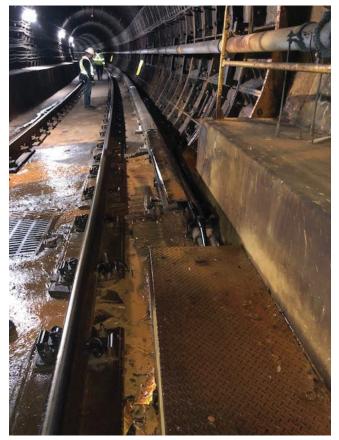


Figure 1: Tunnel leak at L2 070+60.



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181115-WM			
inspection Date	2018	11	15	Report Number	20181113-001	VIATA-V	V P - Z	
Rail Agency Name	Washington Metropolitan Area Transit Authority		Rail Agency Department	ATC Sub- De		artment		
	I	Name		Email	Office Phone	е	N	1obile Phone
Rail Agency Department Contact Information								
Inspection Location	A-Line, Metr	o Center (A01	) Train Control F	Room (TCR) 103 and CN	1 A2 038+00 to CM A2	006+45		

#### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspec	tion Subj	ject	Job Safe	ty Brief	ing			Activity Co	ode	AT	C	JSB	OBS
Job Briefing Employee Name/Title	ATC #	‡2225				Accompanied Inspector?		Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A		F				Related CAPS / Findings N/A								
	Ref				Rule or S	OP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSR	РΗ													
Standards) of Other															
luccenting Leasting	Mai Trac		Yard	ard Station		on OCC F		FTA Office	Treads Tores	At-grade	e Tui	nnel	Ele	evated	N/A
Inspection Location				х					Track Type			х			
line(a)	A 15-		Track		N/0		Chain Ma	rker		From				То	
Line(s)	A-Lin	e	Numbe	er	N/A		and/or St	ation(s)	Metro Center	r (A01) Met			o Cen	ter (A01)	
	Hea	d Car N	umber	1	Number of Cars										
Vehicles		N/A			N/A		Equip	ment	nt N/A						

Inspector in Charge - Signature		Date
		by WINSLOW L. POWELL   12:49:24 -05'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard	



	FWSO inspector received a job safety briefing from the WMATA ATC 2225. All	Number of Defects	0
	personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety	Recommended Finding?	No
Description	rule of the day. The potential safety hazards were discussed.	<b>Remedial Action Required?</b>	No
	The FWSO inspector did not note any defects.	Recommended Reinspection?	No
Remedial Action	N/A		

Inspection Activity #	2 In	spection Subj	ect A	ATC Track	Circuit S	Shunt V	erification In	spection	Activity Co	ode	AT	C	RM	PI	
Job Briefing Employee Name/Title	ATC 222	5			accomp nspecto		Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No	
Related Reports	N/A			R	elated	CAPS /	Findings	CAP: FTA-TP	E-17-021-A						
	Ref		Ru	ule or SOP			Standard		Other / 1	Title		Chec	klist Refe	st Reference	
	CIRCUIT VERIFICA	0 - 1012C TRA SHUNT ATION TEST IN 3, JANUARY													
Related Rules, SOPs, Standards, or Other	AF TRAC RECEIVE (UNINTE (REVISIO 2016)	0 - 1012D K CIRCUIT R OUTPUT TES NDED SIGNAL N 3, JANUARY	)												
	TRST 100	00				DTA	57.0								
	Main Track	Yard	Station	n OCC		RTA acility	FTA Office		At-grade Tunnel			Ele	vated	N/A	
Inspection Location	x		х			x		Track Type		x					
									er (A01) TCR Metro Center (A0				То	То	
Line(s)	A-Line	Track Numbe	r	Track 2	-	nain Ma nd/or St	arker ation(s)	Metro Cente CM A1 038+						CR	
Mah taha	Head C	ar Number	Nu	mber of C	ars	- · ·					1				
Vehicles		N/A		N/A		Equip	ment	N/A							
		•			•		•	k circuit shunt	Number	of Defec	ts			6	
		ion and uninte - 1012C test ar		0					Recomm	ended Fi	nding?			No	
							•	erification and	Remedia	Action	Require	ed?		Yes	
Description	uninteno CM A2 0	ded signal test 38+00 and CM TRST 1000, safety walk A2 020+00. TRST 1000, observed at TRST 1000, observed at TRST 1000, 016+00. Re approach to TRST 1000,	s were c 1 A2 006 10.17.4 , creatin 13.3.11 c CM A2 13.3.11 c CM A2 13.5.7: medial a p FTA-TF 10.17.4 , creatin	done for 1: 5+45. <b>d defects</b> <b>i.1:</b> Relay r ag a trippir 1: Defective 023+40. 1: Defective 023+50. Third rail action for f PE-17-021- <b>i.1:</b> Relay r	3 track were n rail was ng hazan e third e third was mis this def -A. rail was	circuits oted: located rd betw rail sup rail sup ssing co fect is ac located	located way I between ru reen CM A2 C port insulato port insulato verboard at ddressed by I between ru	side between inning rail and 036+00 to CM r was r was CM A2	Recomm	iended Ri	einspec	tion?		Yes	



	TRST 1000, 13.5.7: Third rail was missing coverboard at CM A2     004+70. Remedial action for this defect is addressed by WMATA's     approach to FTA-TPE-17-021-A.
Remedial Action	<ul> <li>To achieve compliance with WMAT's requirements:</li> <li>WMATA must remove relay rail between CM A2 036+00 and CM A2 020+00.</li> <li>WMATA must replace third support insulator at CM A 023+40.</li> <li>WMATA must replace third support insulator at CM A 023+50.</li> <li>WMATA must remove relay rail between CM A2 010+90 and CM A2 010+20.</li> </ul>



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20191116 \	20181116-WMATA-WP-1				
inspection Date	2018	11	16	Report Number	20101110-00101A1A-00P-1					
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	ATC	Sub- Dep	artment			
	I	Name		Email	Office Phone	е	Mobile Phone			
Rail Agency Department Contact Information										
Inspection Location	C-Line, McPł	nerson Square	(CO2), track 1 a	nd 2, CM 026+00 to CM	1 034+00; Train Control	Room (TCI	R) 118			

### **Inspection Summary**

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

### **Activity Summaries**

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Briefi	ing			Activity Co	ode	AT	С	JSB	OBS
Job Briefing Employee Name/Title	ATC 22	ATC 220				npanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A				Relate	ed CAPS / F	CAPS / Findings N/A							
	Ref		1	Rule or S	OP		Standard		Other / T	ïtle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	MSRPH	1												
Standards, or other														
	Main Track	Yard	Static	on C	OCC	RTA Facility	FTA Office		At-grade	e Tu	nnel	Ele	evated	N/A
Inspection Location						Х		Track Type			х			
Line(c)	Cline	Track				Chain Ma	·ker		From				То	
Line(s)	C Line	Numbe	er	N/A and/or St			ation(s)	McPherson S	quare (C02)	TCR	McPh	erson	Square (CC	2) TCR
	Head	Car Number	N	lumber o	of Cars									
Vehicles		N/A	N/A Equipment N/A											

Inspector in Charge - Signature				Date
		WINSLOW L. POWELL	Digitally signed b Date: 2018.11.30	y WINSLOW L. POWELL 12:57:12 -05'00'
Inspector in Charge - Name Winslow Powell	Inspection Team Lee Emard and Edward Nicholson			



	FWSO inspectors received a job safety briefing from the WMATA ATC 220 at	Number of Defects	0
	McPherson Square (CO2), Train Control Room 112. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked.	Recommended Finding?	No
Description	WMATA ATC personnel covered the nearest hospital and safety rule of the day.	Remedial Action Required?	No
	The potential safety hazards were discussed.	Recommended Reinspection?	No
	The FWSO inspectors did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2 Ir	nspection Sub	ject	ATC Ob	servati	on			Activity Co	de	AT	С	RM	PI
Job Briefing Employee Name/Title	ATC #22	20				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 140		Dutside Shift	No
Related Reports	N/A				Relat	ted CAPS /	Findings	CAP: FTA-TPE	E-17-021-A					
	Ref		I	Rule or S	OP		Standard		Other / T	itle		Check	list Refei	rence
Related Rules, SOPs, Standards, or Other		00, 3003 - king Inspectio	'n											
Inspection Location	Main Track	Yard	Statio	on C	осс	RTA Facility	FTA Office	Track Type	At-grade	e Tu	nnel	Eleva	ated	N/A
	х					х		паск туре			х			
		Track		Tracks	1	Chain Ma	rker		From				То	
Line(s)	C Line	Numb	er	and 2	-	and/or St		McPherson So C1/C2 CM 02	,			nerson S 2 CM 03	• •	:02)
Vehicles	Head	Car Number N/A	N	Number o N/A		Equip	ment	N/A						
		SO inspectors				•	•		Number	of Defec	ts			6
		on in accorda on. FWSO ins						0	Recomm	ended Fi	nding?			No
								LA/3A on track	Remedia	Action	Require	ed?		Yes
Description		Remedial a FTA-TPE-1 TRST 1000 Remedial a FTA-TPE-1 TRST 1000 TRST 1000 Remedial a FTA-TPE-1 TRST 1000 Remedial a FTA-TPE-1	lor-cod , 13.5.7 action f 7-021-4 , 13.5.7 action f 7-021-4 , 13.5.7 action f 7-021-4 , 13.5.7 action f 7-021-4 , 13.5.7 action f 7-021-4 , 12-23	<b>Jed defe</b> <b>7:</b> Third r for this d A. <b>7:</b> Third r for this d A. <b>4:</b> Third r for this d A. <b>7:</b> Third r for this d A. <b>5:</b> Wee-Z	cts wer ail was efect is ail was efect is ail ancl ail was efect is ail was efect is efect is	e noted: missing co addressed missing co addressed hor arm wa missing co addressed missing co addressed dwas missi	by WMATA' verboard at by WMATA' s broken at verboard at by WMATA' verboard at	CM C2 029+50. 's approach to CM C2 029+70. 's approach to CM C2 029+80. CM C2 031+00. 's approach to CM C2 031+40. 's approach to cable	Recomm	ended R	einspec	tion?		Yes
Remedial Action	To achie	eve complianc WMATA m	e with nust rep	WMATA place thir	's requi d rail a	irements: nchor arm	CM C2 029+ e-zee bond a	80. at CM C2 032+4	0.				1	

Federal Transit Administration

Increation Date	YYYY	MM	DD	Poport Number	20101110 \//	20181118-WMATA-WP-1					
Inspection Date	2018	11	18	Report Number	20101110-WIVIATA-WP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	artment	ткіл			
	Name			Email	Office Phone	Office Phone N		Nobile Phone			
Rail Agency Department Contact Information											
Inspection Location	A-Line, Trac	A-Line, Track 1, Rockville (A14) to Shady Grove (A15)									

### **Inspection Summary**

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

#### **Activity Summaries**

Inspection Activity #	1	Inspecti	ion Subj	ect	Job Safe	ty Brief	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	TRST 6	679				Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	080 133	-	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	RWPN	Λ													
Standards, or other															
	Mair Tracl	Y	ard	Stati	on C	CC	RTA Facility	FTA Office	<b>T</b>	At-grad	e Tui	Tunnel		evated	N/A
Inspection Location				х					Track Type	x					
Lino(a)	Alina		Track		NI/A		Chain Ma	rker		From				То	
Line(s)	A-Line		Numbe	r	N/A and/or St			ation(s)	Rockville (A14	4)		Rocky	ville (A	A14)	
	Head	d Car Nu	mber	1	Number o	f Cars									
Vehicles		N/A			N/A		Equip	Equipment N/A							

Inspector in Charge - Signature		Date
		Digitally signed by WINSLOW L. POWELL Date: 2018.11.30 13:00:50 -05'00'
Inspector in Charge – Name	Inspection Team	L
Winslow Powell	Alexander Nepa	



	FWSO inspector received a job safety briefing from TRST 679 at Rockville (A15)	Number of Defects	0
	station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and	Recommended Finding?	No
Description	hotspots, the safety rule of the day, the location of the nearest hospital, and a	<b>Remedial Action Required?</b>	No
Description	check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
<b>Remedial Action</b>	N/A		

Inspection Activity #	2	Inspection Sub	ject	Track In	spectio	n			Activity Co	ode	TR	ĸĸ	WI	OBS	
Job Briefing Employee Name/Title	TRST 6	579			Accor Inspe	npanied ctor?	Yes	Out Brief Conducted	Yes	Time	0800 1330		Outside Shift	Yes	
Related Reports	N/A			Related CAPS / Findings N/A											
	Ref		F	Rule or S	OP		Standard		Other / T	ītle		Chee	klist Reference		
Related Rules, SOPs, Standards, or Other	TRST 1	.000													
Standards, or Other	RWPN	1 2014													
Inspection Location	Main Track	Yard	Static	on C	DCC	RTA Facility	FTA Office	Track Type	At-grad	e Tu	nnel	Ele	vated	N/A	
	x							паск туре	x	x					
Line(s)	A Lin	Track		Track 1		Chain Ma	rker	ker From		From					
Line(s)	A LIII	Numb	er	II dCK 1	L	and/or St	ation(s)	Rockville (A14	4)		Shad	y Grov	ve (A15)		
Vehicles	Head	l Car Number N/A	N	lumber o N/A		Equip	ment	N/A							
	FWSO	inspector perfe	ormed a			n hetween	Rockville (A	14) and Shady	Number	of Dofod	+c			5	
		(A15) on track						,,	Recomm					No	
	Thefe			المرام الم			L.							Yes	
Description	•	<ul> <li>TRST 1000, 13.3.13: At A1 928+30, a broken third rail support bracket was observed.</li> <li>TRST 1000, 10.14: At A1 926+00, the Emergency Trip Station (ETS) light was not illuminated.</li> <li>TRST 1000, 0.44 table 0.7: At A1 027: 10 on the 24 quitteb the gight</li> </ul>										Yes			
Remedial Action	To ach	WMATA n WMATA n WMATA n	nust rep nust rep nust adj nust reir	oair the b oair the E ust the r nstall the	oroken t ETS light right swi e discon	hird rail su at A1 926 itch point o nected fro	+00. on the 3A sw g brace plate	et at A1 928+30 itch at A1 937+ e at A1 940+10, h rods at the 1A	10. 1A switch.	940+10.					



Photo:



Figure 1: A1 937+10 at the 3A switch, right side point gapped 3/16-inches.



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181129-WMATA-WP-1					
inspection Date	2018	11	29	29 <b>20101129-WWA</b>		VIATA-V	VP-1			
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	TKIN				
	Name			Email	Office Phone		/lobile Phone			
Rail Agency Department										
Contact Information										
Inspection Location	L-Line, L'Enfant Plaza (F03) to Pentagon (C07), CM 163+00 to CM 54+90, Tracks 1 and 2									

### Inspection Summary

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

#### **Activity Summaries**

Inspection Activity #	1	Inspe	ction Sub	ject	Job Sat	ety Brie	fing			Activity Co	ode	TR	K	JSB	OBS
Job Briefing Employee Name/Title	ESCO	RT #687	7				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No
Related Reports	N/A					Relat	ed CAPS /	Findings	N/A						
	Ref				Rule or	SOP		Standard		Other / T	ïtle		Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRP	РΗ													
Standards, or other															
	Mai Trac		Yard	Stati	ion	occ	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tui	unnel		evated	N/A
Inspection Location							х		Track Type	x					
Lino(c)	L-Line		Track				Chain Ma	rker		From			То		
Line(s)	L-LINE	=	Numbe	er	N/A and/or S			ation(s)	Ohio Dr. Lot (	C Briefing tal	ole	Ohio	Dr. Lo	ot C Briefing	g table
	Неа	id Car N	lumber		Number	of Cars									
Vehicles		N/A			N/.	Ą	Equip	ment	N/A						

Inspector in Charge - Signature		Date
		lly signed by WINSLOW L. POWELL 2018.12.07 11:13:31 -05'00'
Inspector in Charge - Name	Inspection Team	
Winslow Powell	Lee Emard	



	FWSO inspector received a job safety briefing at Briefing table. Employee reviewed Safety Briefing Script for L-Line Bridge Extended Shutdown, dated	Number of Defects	0
	November 25, 2018 to December 10, 2018. Information included Red tag /Lock	Recommended Finding?	No
	out tag out (LOTO) outage. The red tag holder was Mobile Command Center	<b>Remedial Action Required?</b>	No
Description	(MCC), and red tag numbers were 2018-329-513A (TK1) and 2018-329-514A (TK2). All crew leaders, escorts and supervisors were instructed to contact MCC before entering or exiting the work area. The MCC was considered the railway worker in charge (RWIC). All personnel in the shutdown must wear all required personal protective equipment (PPE) at all times within the shutdown limits. The shutdown was using Inaccessible Track (IT) protection and using ties as the barriers.	Recommended Reinspection?	No
	The FWSO inspector did not note any defects.		
Remedial Action	N/A		

Inspection Activity #	2	Inspec	ction Sub	ject	Work obser		e safety setup and track maintenance on				Activity Code			WI	PI	
Job Briefing Employee Name/Title	ESCOF	RT #687	7				mpanied ector?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No	
Related Reports	N/A					Rela	ted CAPS /	Findings	N/A							
	Ref				Rule or SOP Standard					Other / Title Check				cklist Refe	rence	
Related Rules, SOPs, Standards, or Other	TRST 2	L000 re	ev. 6											Shift cklist Reference		
In a straight for the section of	Mair Trac	-	Yard	Stat	Station (		RTA Facility	FTA Office	Tue di Tue e	At-grad	e Tu	nnel	l Elevated		N/A	
Inspection Location	х								Track Type	x	х		x			
11			Track		Track	s 1	Chain Ma	rker		From				То		
Line(s)	L-Line		Numb	er	and 2		and/or S	ation(s)	Pentagon (CC	)7)		L'Enfa	ant Pl	Outside Shift       cklist Refere       evated       X       To       aza (F03)		
	Head Car Number				Numbe	of Cars										
Vehicles		N/A			N,	Ά	Equip	ment	N/A							
			spector v			•	Number		0							
		163+90 as diagrammed on WMATA shutdown map at briefing table. FWSO observed WMATA personnel throughout the work zone wearing all PPE and										Recommended Finding?				
Description						,		0	ener renewal	Remedia		No				
			ormed to				ts.			Recomm	ended Re	einspec	tion?		No	
Remedial Action	N/A					,										



Federal Transit Administration

Inspection Date	YYYY	MM	DD	Report Number	20181130-WMATA-WP-1								
inspection Date	2018	11	30	Report Number	20101130-001	VIATA-V	VP-1						
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	TRST	Sub- Dep	partment	ΤΚΙΝ					
		Name		Email	Office Phone	е	Mobile Phone						
Rail Agency Department													
Contact Information													
Inspection Location	D-Line, Metr	o Center (C01	) to L'Enfant Pla	iza (D03), track 2									
Inspection Summary		nspection Summary											

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

#### **Activity Summaries**

Inspection Activity #	1	Inspection Sub	ject	Job Safe	ety Brief	fing			Activity Co	TRK		JSB	OBS		
Job Briefing Employee Name/Title	TRST 687				Accor Inspe	mpanied ctor?	Yes	Out Brief Conducted	Yes	Time	1000 140		Outside Shift	No	
Related Reports	N/A			Relat	Related CAPS / Findings N/A										
	Ref		Rule or S	OP	Standard Other / Title					Checklist Ref			ence		
Related Rules, SOPs, Standards, or Other	MSRP	Н													
Standards, or other															
	Mair Tracl	Yard	Yard Stat		DCC	RTA Facility	FTA Office	<b>T</b>	At-grade	e Tui	nnel	Ele	evated	N/A	
Inspection Location			х					Track Type			х				
Line(c)	D-Line	Track		N/A		Chain Ma	rker		From			То			
Line(s)	D-LINE	Numb	er	IN/A		and/or St	ation(s)	Metro Center	Netro Center Station (C01)				Metro Center Station (C01)		
	Head	d Car Number		Number of Cars											
Vehicles		N/A		N/A		Equip	ment	N/A							

Inspe	ector in Charge - Signature		Date
			d by WINSLOW L. POWELL 07 11:19:42 -05'00'
Inspe	ector in Charge - Name	Inspection Team	
Wins	slow Powell	Lee Emard	



		D inspector received a j		0	Number	of Defect		0							
		ective equipment (PPE) ked. WMATA ATC perso		Recomm	ended Fir		No								
Description		ay. The potential safet			Remedia	l Action R		No							
	The FWSO inspector did not note any defects. Recommended Reinspection?								No						
Remedial Action	N/A	N/A													
Inspection Activity #	2	Inspection Subject	Remedi	al Action Verification	on		Activity Co	Activity Code TRK			PI				
Job Briefing Employee Name/Title	TRST 687			Accompanied Inspector?	Yes	Out Brief Conducted	Yes Time		1000 to 1400	Outside Shift	No				

Related Reports	N/A				Relat	ed CAPS /	indings	N/A						
	Ref	Rule or S	OP		Standard		Other / Title			Checklist Reference				
Related Rules, SOPs, Standards, or Other	TRST 1000	1000 rev. 6												
													То	
Increation Location	Main Track	Yard	Statio	on (	DCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel		Elevated		N/A
Inspection Location			х					паск туре			х			
Line(s)	D-Line Track			Track 2 Chain Mar			rker	F	From				То	
Line(s)	D-Line	Numb	er	ITACK 2	2	and/or St	ation(s)	Metro Center	(C01)		L'Enfa	ant Plaza (D03)		
Vahialaa	Head Car Number			Number o	of Cars	- Faula		81/8						
Vehicles	N	I/A		N/A	<b>\</b>	Equip	ment	N/A						
		) inspector p				Number of Defects				1				
		ce Crew fror track condit			• •	Recommended Finding?					No			
	mspected			i the die	u.		Remedial Action Required?					No		
Description	The follov •	ving color-co TRST 1000 CM D2 006 bolt, nut, a	<b>, Table</b> 5+15. A	<b>9 5-21: A</b> WMATA	broken A compl	Recommended Reinspection? No				No				
Remedial Action	N/A													