

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Inconcetion Data	YYYY	ММ	DD	Report Number	20160301-WMATA-MKD-01					
Inspection Date	2016	03	01	Report Number						
Rail Agency Name	Washington I Authority	Metropolitan A	rea Transit	Rail Agency Department	Track & Structures	Sub- Department	RTRA			
Rail Agency Department Contact Information	1	Name		Email	Office	Phone	Mobile Phone			
Inspection Location Silver Line from Largo Town Center to Wiehle-Reston East and return.										

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspec	tion Subject	Riding	Inspec	tion			Activity Co	ode	TRK	RI	OBS
Job Briefing Employee Name/Title	N/A				Accompanied Inspector?			Out Brief Conducted	N/A	Time	08:50 12:40	ľ	No
Related Reports	N/A				Re	lated CAPS	/ Findings						
	Ref			Rule or S	ОР		Standard		Other / Title		(Checklist Refer	ence
Related Rules, SOPs, Standards, or Other	N/A			1.14, 1 1.46-1. MSRPH SR 4.22 MSRPH 3.119, 3.121.1 3.167, MSRPH	17, 1.1 52, 1.6 Safety 7; Opera 3.120, 3 ., 3.79.3 3.168; SOPs ‡	Rules 4.32 sting Rules 3.121, 1, 3.141, #4A, #8, , #35, #40,	N/A		N/A		1	N/A	
	TRST	1000										1	
In an attend to past an	Ma Tra		Yard S	tation	осс	RTA Facility	FTA Office	Track Type	At-gr	ade	Tunnel	Elevated	N/A
Inspection Location	Х			x				Truck Type	X		Х	X	
Line(s)	Silve	r Line	Track	1 1	1187 .				From			То	

Inspector in Charge - Signature	Digitally signed by MEDENIA DASHIELL Disce.US, o-u.U.S, Government, ou-DDY Headquaters, ou-FRAMC cm-MEDENIA DASHIELL DASHIELL	Date 03/01/2016
Inspector in Charge – Name	Inspection Team	
Medenia K. Dashiell		





	Head Car Number	Number of Cars					
/ehicles	2038/6066	6	Equipment				
		ng inspection on the Silv	er Line from Largo To	wn Center to	Number of Defects	,	3
		tion and return on track	_		Recommended Fin		No
	these observations.				Remedial Action R		Yes
Description Remedial Action	Reston East Station. FV Operator and requeste assess Train Operator f policy, train speed, sign of the horn, station ber FWSO did not observe a Wiehle-Reston East on track, FWSO observed a on the right of way and signals of all RWP main and/or stopped the tra FWSO monitored radio RWP maintenance pers acknowledgement. Th SOPs, including soundin announcements, and 5 out the window. Train of RWP Level 2 card, with potentially distracting i triggered a few times d FWSO observed severa track between Stadium Ballston and East Falls of FWSO observed margin East Falls Church statio potential gage condition	I third rail missing cover Armory and Potomac A Church Stations. nal defective tie conditio In (KO5) platform that dis	and provided credentiation to ride with him upliance with electror protocol, monitor riden, and announcement return to Largo Tove RWP maintenance; Do noted proper hand the operator properly upon approach of RNOCC informing the operator properly dentering tunnel por pening doors in staticion of reliable watch, no visible reading maier, FWSO did note the sat intermittent locativenue stations in the upon #2 track at the splayed lateral movernation of tie conditions or #2 track at the splayed lateral movernation of the conditions of	als to the Train in the cab, to ic device e quality, use ts. nels enroute to on Center on #1 personnel were and flash light y slowed WP crew. Derators of ator and applicable cals, station ons with head flashlight and person and the cals or other e over speed cover spe	Recommended Re	inspection?	YES



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Agency/Department Information

Inspection Date	YYYY	MM	DD	Danast Number	20160301-	\A/N/I/ATA A	A NI 1	
Inspection Date	2016	03	01	Report Number	20160301-	WIVIA I A-A/	HIN-T	
Rail Agency Name	Washington Authority	Metropolitan /	Area Transit	Rail Agency Department	Track and Structures	Sub- Dep	artment	Track Inspection
Rail Agency Department	1	Name		Email	Office F	hone		Mobile Phone
Contact Information							45	
Inspection Location Walkin		ection of track	k, third rail, swit	tches and interlockings b	etween B-06 (Ft. T	otten) and B-07	(Takoma)	all (b) (b)

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-WI-PI	TRK-SW-PI	TRK-RAD-OBS	TRK-RWP-PI		
Inspection Units	1	1	1	1		
Inspection Subunits	2	11	5	1		
Defects (Number)	5	7	1	0		
Recommended Finding	Yes	Yes	Yes	No		
Remedial Action Required	Yes	Yes	Yes	No		
Recommended Reinspection	Yes	Yes	Yes	No		

Activity Summaries

Inspection Activity #	1 Ins	pection Sub	ject	Trac	k and Th	ird Rail	Inspe	ction		Activity Co	de	TR	к	WI	PI
Job Briefing Employee Name/Title	Employee Track Uni		NIC Le	evel 4	- 1	ccompa specto		Yes	Out Brief Conducted	No	Time		1030 1300		No
Related Reports					Re	elated	CAPS /	Findings							
	Ref			Rule	or SOP		_	Standard		Other / T	itle		Che	cklist Ref	erence
Related Rules, SOPs, Standards, or Other	MSRPH			General Rules											
standards, or Other	TRST1000)													
	Main Track	Yard	Stat	ion	осс	1 .	RTA cility	FTA Office	Track Type	At-grad	e Ti	unnel	Ele	evated	N/A
Inspection Location	\boxtimes								тгаск туре	×		\boxtimes			\boxtimes
										From				То	
	Track			Chain Ma			ain Ma	rker	B1&B2 CM25	2+00		B1&B	2 CM2	75+76	
Line(s)	B-Line	Numb	er	182	2	and	d/or St	ation(s)	B1&B2 CM35	0+44		B1&B	2 CM3	76+11	
Vehicles	Head C	ar Number		Numb	er of Car	rs	Equip	ment				1			
		spector requ								Number	of Defect	:s			0
							equent	to complain	ts from train	Recomm	ended Fi	nding?			Yes
	operators	s of track cor	altior	is in th	ese area	S.				Remedia	l Action F	Require	d?	d? Yes	
Description	a job brie WMATA	fing was cor	nplete ormed	d, the . I then	appropri monito	iated for red the	orms si e radio	gned, and ins communicat	ion between	Recomm	ended Re	einspect	tion?		Yes
Inspector in Charge - S									lexander.nep	a@dot.gov	,		Date		

alexander.nepa@dot.gov

03-01-2016

Inspector in Charge - Name Alex Nepa

Inspection Team Alex Nepa





ballast to work through, and/ or not holding spikes or rail fasteners and plate cut.	1	
Marginal defective tie conditions exist on track 2 for the entire length of the platform. Defects noted included split or otherwise impaired crossties allowing		
CM B2-267.00 – B2-268-00, B2-267.00 – B2-266.00, B2-262.00 – B2-263.00 and B2-364.00 – B2-365.00		
Missing third rail covers between the following chain marker locations.		
During the inspection, the following items were physically identified as defects.		
103 was stopped at Takoma Station on track one and communicated same with ROCC. ROCC acknowledge his location on track two and no corrections were made by the operator of train number 103. This was reported by WMATA Supervision to ROCC Control Chief and the incident is being investigated.		
FWSO also monitored communication between train number 103 and ROCC. Train		
However, this particular day there was heavy radio usage and over-talking occurred requiring the RWIC to twice ask ROCC for read-back confirmation.		

Inspection Activity #	2	Inspection	n Subject	Switch Inspection							Activity Code TRK				SW		PI
Job Briefing Employee Name/Title	See a	bove.		 -	- 1	Accom Inspec	•	Yes	Out Brief Conducted		No	Time	1030 1300		Outsi Shif		No
Related Reports						Relate	d CAPS	/ Findings									
	Ref			Rule or S	ОР			Standard		Oth	ner / Title		Checklist			ce	
Related Rules, SOPs, Standards, or Other	TRST	1000															
Inspection Location	Ma Tra	1 Va	rd S	tation	oco		RTA Facility	FTA Office	Track Type		At-grade		Tunne	i E	Elevated		N/A
Inspection Education	×	3 0							1								
								-		Fr	rom		ļ		То		
Line(s)	B-Lin	e	Track	1 '	1 & 2		hain M										
		_	Num	ber	102		nd/or	Station(s)								_	
							т										
Vehicles	He	ad Car Nun	ber	Numbe	OTC	ars	Equ	ipment									
	-					<u>-</u>		····				. m . c		·····			42
	B 06	switch nu	nhar 1A	riaht side (witc	h naint	guard	rail, one bolt r	nissing one ho	olt	Number						13 /es
								nnected wedge		-	Remedia						Yes
	allow	ving lateral	movemer	nt.						ŀ	Kemedia	ii Action	- Neguni				
Description	B-06 B-07 failin	g to maint: e trains pas finding, (se switch nur , switch nur g to provic one-half ve	in proper sed over the attached ober seven mber 1A for e adequa rtical defillowed ve	geometry this location photogra n, three be fowl ballas te drainag ection was	n. Ba ph). roker t con e and	e inch dallast munsed adition for diffing erved a	of vertinarks on cure fro for the g to ma	e adequate dra cal deflection v n the side of th og brace plates entire length c intain proper g s passed this lo e car that was f	was observed e tie confirm of the frog geometry. One ocation. This		Recomm	nended F	teinspe	ctioni	? p	lans 1	– FWSO to inspect e areas.





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	adeq ident	uate dra							ballast failing tical deflection	to provide n in six ties was						
Remedial Action	Yes															
Inspection Activity #	3	Insped	tion Sub	ject	Rad	io Ob	servati	ions			Activity Co	de	TRK		RAD	OBS
Job Briefing Employee Name/Title		oyee Unit 1	RV	VIC Le	vel 4			mpanied ector?	Yes	Out Brief Conducted	No	Time	1030 1300	1 -	utside Shift	No
Related Reports		_					Relat	ed CAPS	/ Findings							
Deleted Bules, CODs	Ref				Rule	or SO	Р		Standard		Other / Title Check				list Refe	rence
Related Rules, SOPs, Standards, or Other	MSRI	PH			Gene	eral Ru	ules				ļ					
<u> </u>	TRST	1000														
Inspection Location	Ma Tra		Yard	Stat	ion	00	cc	RTA Facility	FTA Office	Track Type	At-grade	At-grade Tunnel		Eleva	ated	N/A
	×]]									⊠
											From				To	
Line(s)	B-Lin	e	Track Numb		18	2		Chain M	arker station(s)	B1&B2 CM25		_		CM275		
• •			Numb	er				and/or s	tation(s)	B1&B2 CM35	D+44 		B1&B2	CM376	+11	
-			<u> </u>	Т	<u> </u>			_								
Vehicles	не	ad Car N	umber	-	Numi	oer of	Cars	Equi	pment							ĺ
											T					
										was a specific	Number					0
		discussion between train number 103 and the Rail Operations Control Center (ROCC). Train 103 was stopped at Takoma Station on track one and communicated										ended Fir				Yes
Description	this to the ROCC. The ROCC acknowledged his location on track two instead of track 1. No attempts were made by either party to correct the mistake during the repeat											Action R	equirea			Yes
	back	by the o	perator (of trai	n num	ıber 1	.03. Tł	nis incider		d by WMATA	Recomm	ended Re	inspection	on?		Yes
Remedial Action								C control		ng to the invest	igation of thi	s inciden	t. FWSO	team sh	ould cor	tinue to
Inspection Activity #	4	Insne	ction Sub	iect	RW	P Phy	sical Ir	spection			Activity Co	de	TRK		RWP	PI
Job Briefing Employee		L	RI			,		mpanied	Yes	Out Brief	No	Time	1030) c	utside	No
Name/Title	Tracl	Unit 🕰					Insp	ector?	,	Conducted	1		1300)	Shift	
Related Reports							Rela	ted CAPS	/ Findings							
	Ref				Rule	or SC	P		Standard		Other / T	itle		Checl	dist Refe	rence
Related Rules, SOPs, Standards, or Other	MSR	PH			Gen	eral R	ules					_				
Standards, or other	TRST	1000			RWF	M										
Inspection Location	Ma Tra	- 1	Yard	Sta	tion	00	сс	RTA Facility	FTA Office	Track Type	At-grad	e Ti	unnel	Elev	ated	N/A
mspection cocation	Σ	3					<u></u>									X
											From				То	
Line(s)	B-Lir	ie.	Track		18	42		Chain M		B1&B2 CM25				CM275		
		-	Numb	er				and/or	Station(s)	B1&B2 CM35	0+44		B1&B2	CM376	o+11	
	ш	ad Car!	 Number	_	Num	ber of	f Care						L			
Vehicles	пе	au cai i	- TOTTIDEI	+	140111	JC1 01	Cuis	Equ	ipment							
					N # A T	\ C	- India	n mot +h -	lovel for Bu	IC at Fort	Number	of Defect	·c		T	0
Description	Tott	rwsO Ir en Statio	on and a j	and W job bri	efing	was c	omple	ted, the a	level four RW ppropriate fo	rms signed, and		ended Fi				No



	an inspection of WMATA RWP badges was performed. Radio communication	Remedial Action Required?	No
	an inspection of WMATA RWP badges was performed. Radio communication between the RWIC and ROCC Controller were monitored. All communications were correct and legible. It should be noted that this particular day there was heavy radio usage and overtalking occurred requiring the RWIC to twice ask ROCC for read-back confirmation.	Recommended Reinspection?	No
Remedial Action	No		

Track Maps for the Inspection Area:

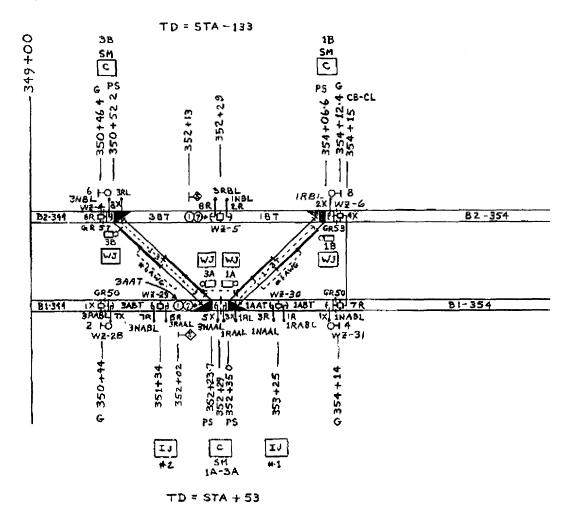


Figure 1 - Takoma Interlocking (B07) – FWSO Inspector walked from B1 CM376+11 to B1 CM350+44. FWSO walked back from B2 CM350+44 to B2 CM376+11.

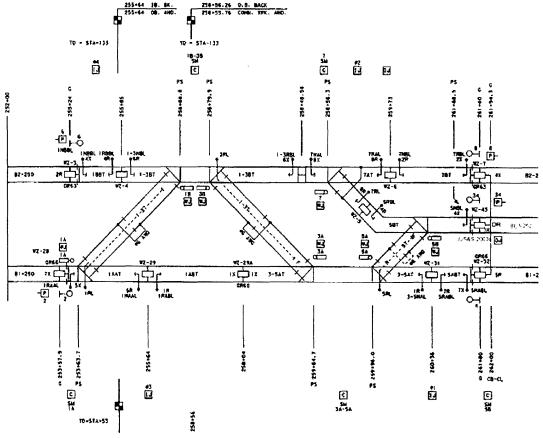


Figure 2 - Fort Totten Interlocking (B06) - FWSO Inspector walked from B1 CM275+76 to B1 CM252+00 then back to Fort Totten from B2 CM252+00 to B2 CM275+76

Radio Repeat Back Rule:

1.79 Employees shall not take any action until they are positive that all radio transmissions or receptions are heard, fully understood and acknowledged. Individual radio transmissions shall be repeated by the receiver so the transmitter can confirm the message was received completely and by the intended receiver.

When communicating with Class I and Class II vehicles, employees are to identify the train ID or unit ID by the complete number series. This method of positive train/unit identification shall be consistently used when transmitting and acknowledging information. Examples: Train ID 404 shall be identified as "four zero four". Train ID 414 shall be identified as "four fourteen", instead of "four one four". Train 932 shall be identified as "nine thirty two". PM-32 shall be identified as "PM thirty two" instead of "PM three two".



ONE LOCATION WITHOUT THIRD RAIL COVER BOARD



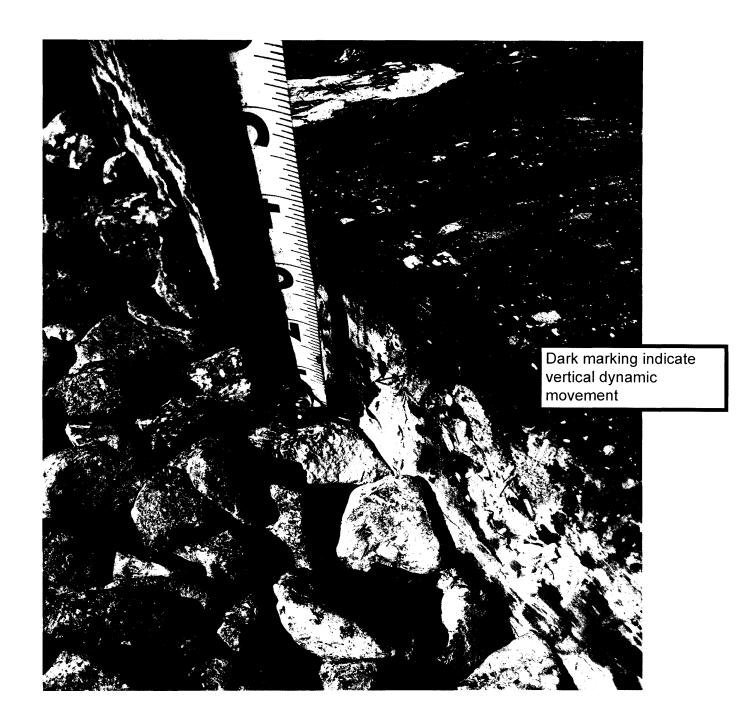
B-06 SWITCH NUMBER 1A RIGHT SIDE SWITCH POINT GUARD RAIL MISSING BOLT ANOTHER BOLT WAS FOUND LOOSE.



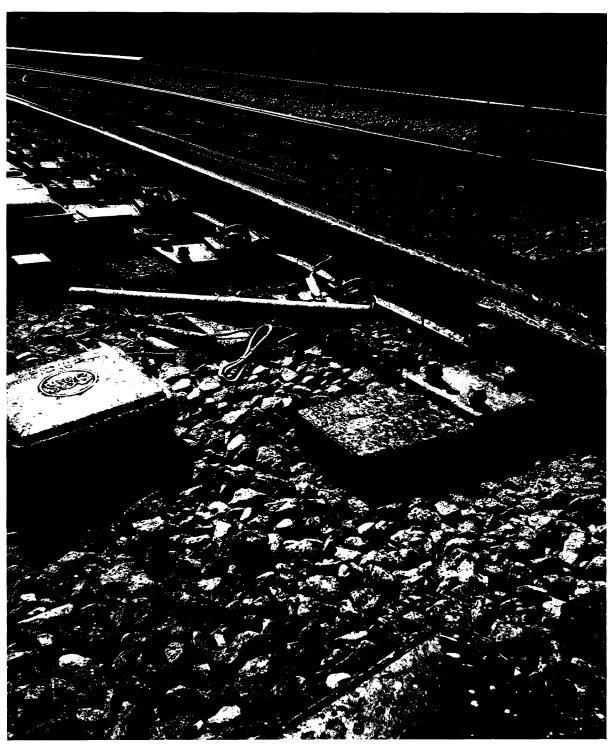
B-06 SWITCH NUMBER 1-A MISSING FROG BRACE (WEDGE)



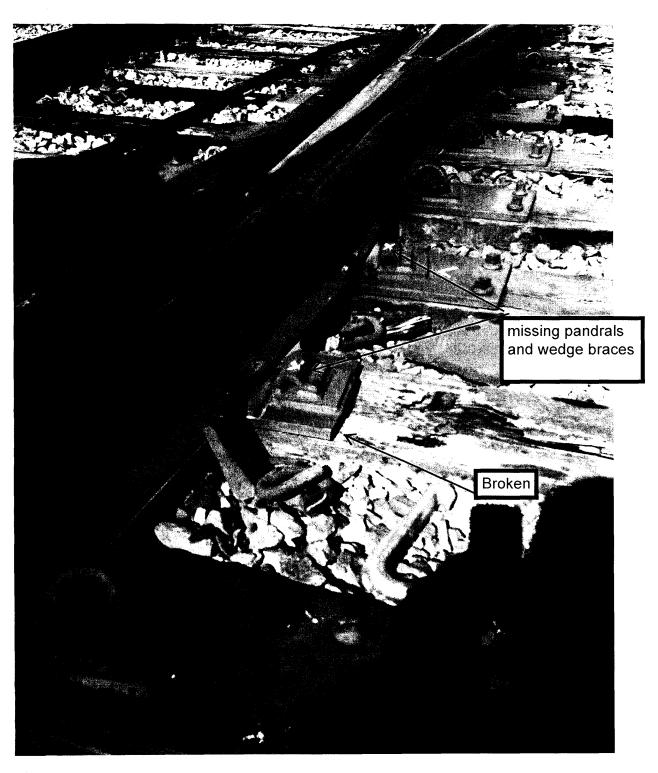
B-06 SWITCH NUMBER 1A FROG BRACE, (WEDGE MISSING)
PANDRAL CLIPS NOT ATTACHED



B-06 SWITCH NUMBER 1B PICTURE ILLUSTRATES BALLAST MARKS RUBBING AGAINST THE SIDE OF THE TIE CONFIRMING DYNAMIC VERTICAL DEFLECTION, (PUMPING). ONE INCH WAS MEASURED.



B-06 SWITCH NUMBER 1B OVERALL VIEW OF FOWL BALLAST CONDITION



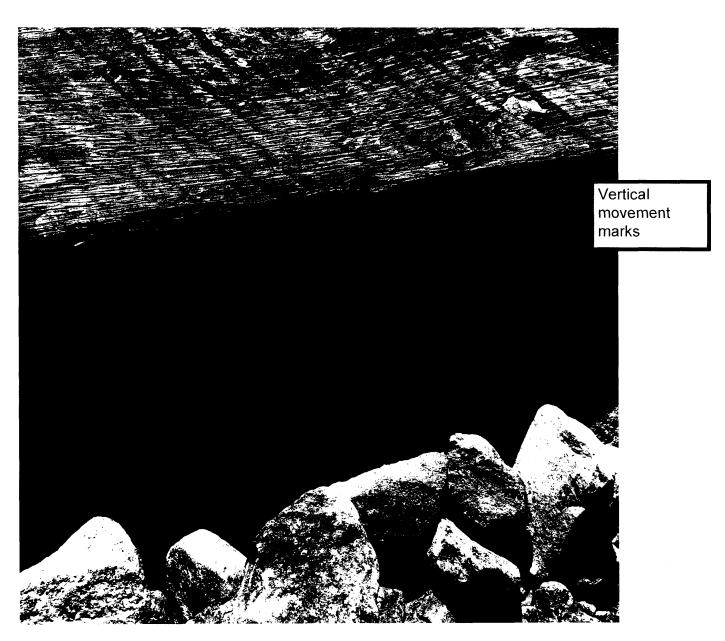
B-06 NUMBER 7 SWITCH SHOWS BROKEN PLATES, DISCONNECTED BRACES WEDGES AND UNSECURE PANDRAL CLIPS.



B-06 NUMBER 7 SWITCH LEFT SIDE OF FROG SHOWS A BROKEN BRACE PLATE



B-06-08 SIGNAL FOWL BALLAST CONDITION AT INSULATED JOINTS



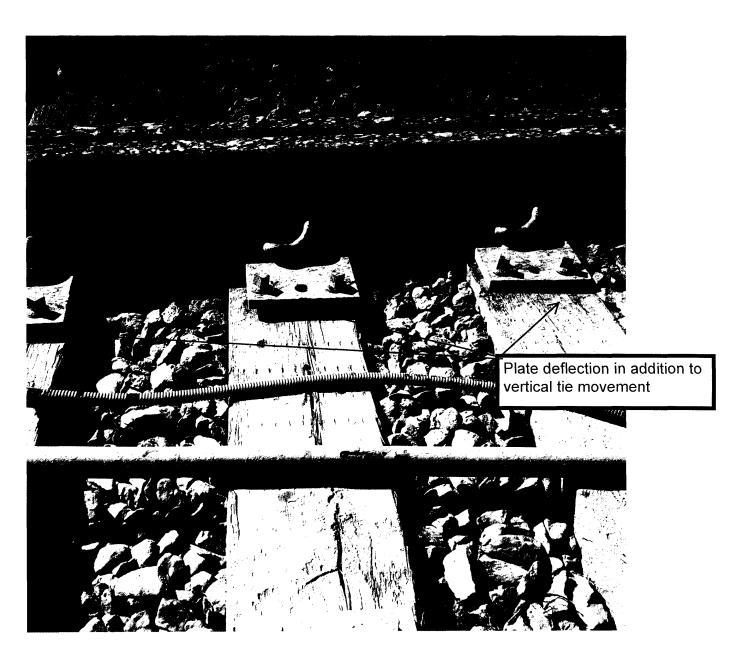
B06-08 SIGNAL FOWL BALLAST CONDITION ALLOWING VERTICAL DEFLESTION AS EVIDENT FROM THE BALLAST MARKS RUBBING AGAINST THE TIES UNDER DYNAMIC CONDITIONS



B-07, SWITCH NUMBER 1A, OVERALL VIEW OF FOWL BALLAST AND POOR DRAINAGE CONDITIONS UNDER THE FROG



B-07, SWITCH 1A FOWL BALLAST CONDITIONS



B-07 SWITCH NUMBER 1A FOWL BALLAST CONDITIONS AT FROG NOTE
GAP BETWEEN TIE AND PLATE ADDING TO MOVEMENT UNDER
DYNAMIC CONDITIONS



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Increation Date	YYYY	MM	DD	Report Number	20160302-	\A/N/IATA A	ΛN 1		
Inspection Date	2016	03	02	Report Number	20100302-	VVIVIA I A-A	HIN-T		
Rail Agency Name	Washington I Authority	Metropolitan .	Area Transit	Rail Agency Department	Track and Structures	Sub- Dep	artment	Track Inspection	
Rail Agency Department	ı	Name		Email	Office P	hone	Mobile Phone		
Contact Information			<u>c</u>						
Inspection Location	Alexandria of	ffice of Track a	and Structures						

Inspection Summary

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

Activity Summaries

nspection Activity#	1	Inspe	ction Sub	ject	Track	General	Meeting wi	th Mr. Mike I	Brown	Activity Co	ode	TRK	GEN	MTG	
ob Briefing imployee lame/Title	N/A						companied pector?	N/A	Out Brief Conducted	No	Time	0800 - 1130	Outside Shift	No	
telated Reports						Rel	ated CAPS /	Findings							
	Ref				Rule or	SOP		Standard		Other / 1	itle		Checklist Reference		
Related Rules, SOPs, Standards, or Other	TRST	1000													
italiaalus, oi Othei															
	Ma Tra		Yard	Stat	ion	осс	RTA Facility	FTA Office	Track Type	At-grad	e Ti	unnel	Elevated	N/A	
nspection Location]	\boxtimes		ם				Truck Type						
					T .					From			То		
.ine(s)	N/A Track Number				N/A	N/A		rker ation(s)							
/ehicles	He	ad Car N	Number		Number	of Cars		ment							
	The I	WSO te	eam met	with ¶			and discusse	d the finding	s from the	Number	of Defect	ts		0	
	swite	h inspe	ction on 3	3/1/16	. The tea	am also	discussed o	ngoing issues	with water	Recomn	nended Fi	nding?		No	
							ie WMATA p duled track		offered to	Remedia	al Action I	Required?		Yes	
Description	The I the u	WSO to	eam also ng joint sv	met br vitch ir	iefly wit rispection	h Karan	from ule from AT	ATC. The te	am requested o discussion is t joint switch	Recomn	Recommended Reinspection?				

alexander.nepa@dot.gov DN: cn=alexander.nepa@dot.gov

Date: 2016.03.03 11:53:49 -05'00'

03-02-2016

Inspector in Charge - Name Alex Nepa

Inspection Team Alex Nepa,





	(b)(b)	
Remedial Action	Yes – FWSO team to follow-up with to schedule an observation of a join	t TRST/ATC switch inspection.

Inspection Activity #	2	Ins	pection S	ubject	Tracl	(TGV/	/Defects	Recor	ds Review		Activity	Code	TR	K	TGV	RR	
Job Briefing Employee Name/Title						i	Accom _i Inspect			Out Brief Conducted	No Time		0800 1130		Outside Shift	No	
Related Reports							Related	CAPS	/ Findings			'					
Related Rules, SOPs,	Ref				Rule or	SOP			Standard		Other / Tit	le		Checklist Reference			
Standards, or Other														_			
Inspection Location	Ma Tra		Yard	Sta	ation	occ) F	RTA acility	FTA Office	Track Type	1	grade	Tunnel	E	levated	N/A	
mopeonon southon	[_					Truck Type	1						
											From				То		
Line(s)	C-Lin	ie		Track Numb	er	1		nain M nd/or S	arker itation(s)	C1 CM629+	00		C1 CI	M185	+61		
	Не	ad Ca	r Numbe	r	Numbe	er of C	ars										
Vehicles								Equi	pment								
	The I	FWSO	team re	viewed	the TGV	C-Line	e run re	port fr	om 2/16/2016	and noted	Numb	er of Defe	cts			0	
	1				_	_			•	received the	Recon	mended	Finding?			No	
Description	1	_	for this a				ing trac	k inspe	ection for this	area is being	Reme	dial Action	n Require	d?		Yes	
•					•						Recon	nmended	Reinspec	tion?	plan	s – FWSO s to inspect ese areas.	
Remedial Action	Yes -	- FWS	O team t	o sched	ule a wa	lking i	inspecti	on of t	his area on M	arch 17 & 18 th	. 2016.						

Form FTA-IR-1

Version date: 12/11/15



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

all (b) (b)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160207	WMATA-JMC-	1
inspection bate	2016	03	07	Report Number	20160307-	VV IVIA I A—JIVIC-	- <u>+</u>
Rail Agency Name	Washington Authority	Metropolita	n Area Transit	Rail Agency Department	Rail Transportation	Sub- Department	Rail Operations Control Center
Rail Agency Department	N	lame		Email	Office Ph	one	Mobile Phone
Contact Information			9		8		
Inspection Location	Carmen Tur	ner Facility – I	Rail Operations	Control Center – 3500 P	ennsy Drive, Hyatts	svilles, MD 20785	

Inspection Summary

Inspection Activity#	1	2	3	4	5	6	7	8
Activity Code	ROCC- GEN-MTG	ROCC-RAD- OBS	ROCC-ST-PI					
Inspection Units	1	1	1					
Inspection Subunits	1	1	1					
Defects (Number)	0	4	0					
Recommended Finding	No	No	No					-
Remedial Action Required?	No	No	Yes					
Recommend Reinspection	No	Yes	Yes	···				

Individual Inspection Activity

Inspection Activity #	1	Insp	pection S	Subject	Ger	nerall	Meetir	ng					Activi Code	ty	RO	сс	GEN	OBS
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted	Yes	Time		00- 00		tside nift	Yes
Related Reports							Rela	ted CAP	S/I	Findings								
	Ref				Rule o	r SOP			St	andard		Other/T	itle		Che	hecklist Reference		
Related Rules, SOPs, Standards, or Other	MSRF	Ή			1.69-1	L.79												
	ROCC	Mar	nual															
In an ation I antion	Mai Trac		Yard	St	ation	00	RTA Facilit	у	FTA Office	Track Type	At-g	At-grade		I E	levat	ed	N/A	
Inspection Location	in Location					x					irack type							Х
								Fro							Тс			
Line(s)	 		1	Track	1 I Cha			Chain N	hain Marker									
				Numb	er									-				
Maktalaa	Hea	ad Ca	ır Numbe	er	Numb	er of	Cars			nent				<u> </u>				
Vehicles								Lqt	ai pi	nent								
			t with						_		g, both partie	s Num	ber of De	fects				0
	discussed the redistribution of Permanent On Rule 3.31, regarding trains entering and exi											Reco	mmende	d Findi	ng?		P	No
Description	Description Rule 3.31, regarding the and reissued to the received					ıng ar gnal a	t Silve	r Spring	Poc	ketTrack. V	vas discussed Ve also	Actio	n Requir	ed?			^	No
	discu	iscussed the Lessons Learned bulletin Number: 2016-001, dated March 2, 2016. Communications Mistake Leads to Signal Overun".							Reco	Recommend Reinspection					No			

Inspector in Charge - Signature	ames Cassatt, Jr	Digitally signed by James Cassatt, Jr DN: cn=James Cassatt, Jr, o=FRA, ou=DOT, email=james.cassatt@dot.gov, c=US Date: 2016.03.07 19:17:19 -05'00'	Date March 7, 2016
Inspector in Charge – Name Jim Cassatt	Inspection Team Jim Cassatt		





	FWSO monitored train movement, radio communications and the ROCC Operators (radio and button) on the Blue/Yellow and Green Lines. The Operators performed their duties as per SOP's, Metrorail Safety Rules and Procedures Handbook and train movements. Both the Radio and Button Controller emphasized Safety when discussing job briefings with employees prior to fouling track to perform work.	
Remedial Action	N/A	

Inspection Activity #	2	Insp	pection	Subject	t Re	peat E	Backs						Activit Code	ty	ROC	RA	D	OBS
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted	Yes	Time	070		Outsid Shift	e	Yes
Related Reports							Rela	ated CAP	S/I	Findings								-
	Ref				Rule	or SOF	>		St	andard		Other/T	itle		Check	list Ref	eren	ce
Related Rules, SOPs,	MSRF	РН			1.73,	1.79						-						
Standards, or Other																		
	Ma Trad		Yard	S	tation	00	сс	RTA Facilit	у	FTA Office		At-g	rade	Tunne	Ele	vated		N/A
Inspection Location		x				x				Track Type							Х	
												From				То		
tina/a)	Blue/Yellow/ Traci							Chain Marker										
Line(s)	Green Num						Cilaiii	, ai i	Kei									
	Hea	ad Ca	r Numb	er	Num	ber of	Cars		. •									
Vehicles								Equ	upn	nent								
										Controllers		Num	ber of De	fects			4	
										Blue/Yellow/ sand worke		Reco	mmende	d Findir	ıg?		No)
			ad back					JII OWING C	alli	Jana Worke	is to give a	Remo	edial Acti	ion Req	uired?		No	5
	l	•								minutes at 5								
Description		•	Train 3	03 at L'	Enfant I	Plaza f	ailed	to repeat	bac	k instruction	ns from the	ŀ						
	1	 Train 405 a failed to respond to the RTC at Van Dorn St., until the RTC 											mmend I	Reinspe	ction?		Ye	:S
]		made t	heann	ouncer	nent th	nathe	hadnega	tive	contact wit	h 405.	1		-		1		
		•									ion at 9:46 a.r	n.						
			"14 mc	re min	utes bro	other.	Not o	complying	g wit	th MSRPH ru	ıle 1.73.							
Remedial Action	N/A																	

Inspection Activity#	3	Inspection	Subject	Shift T	Shift Transfers						Activity Code		ROCC ST		PI	
Job Briefing Employee Name/Title	N/A	3. 423				ccompanie spector?	d	N/A	Out Brief Conducted	Y	es	Time	070 13		Outside Shift	Yes
Related Reports					Re	elated CAP	s/I	Findings								
	Ref			Rule or S	OP		St	andard		Othe	r/Ti	tle		Check	list Refer	ence
Related Rules, SOPs, Standards, or Other										•						
	Main Track	I Yard	Sta	ition	осс	RTA Facilit	у	FTA Office	Track Type		At-gr	ade	Tunne	l Ele	vated	N/A
Inspection Location					Х				Пасктурс							X
										Fron	1				То	
Line(s)	Blue/Y en	ellow/Gre	Track Numbe	er		Chain N	/lar	ker								





	Head Car Number	Number of Cars			
	nead Car Number	Number of Cars	_		
Vehicles			Equipment		
			Activity Log Books located a	Number of Defects	0
Description			r 3/1-3/6. FWSO also obser g the transfer. The transfer	Recommended Finding?	No
Description			ng and current trains on the	Remedial Action Required?	No
	was discussed. The tra	ansferwas signed by all	parties involved.	Recommend Reinspection?	No
Remedial Action	N/A			 ***************************************	



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department	Inform	natio	n							ale	[bula	(a)					
Inspection Date			YYY 016	1M			DD 10	R	Repo	ort Numi	ber	20160	0310-WN	MATA-	MKD-	1		
Rail Agency Name		Was	hington M			Area '				gency rtment		Rail Ope Control (Sub- D	epartme	ent		
Rail Agency Departmen	ıt		N	ame					Ema	ail			Office Phon	e		Мс	bile Pho	ne
Contact Information		النفي					in								+			
Inspection Location		Gree	en Line – G	ireenb	elt Sta	tion t	to Ft. To	otten St	tatior	n.								
Inspection Summary																		
Inspection Activity #			1				2			3			4		5			6
Activity Code		R	OCC-ACCE	SS-REF														
Inspection Units			1															
Inspection Subunits			1															-
Defects (Number)			1															
Recommended Finding			No															
Remedial Action Requi	red		Yes															
Recommended Reinspe	ction		No										_					
Activity Summaries																		
Inspection Activity #	1	Inspe	ection Sub	ject	Refu	ısal ot	f Access	s					Activity Co	de	ROC	C A	ACCESS	REF
Job Briefing Employee Name/Title	N/A						Accon	npanied	d	N/A	1	Brief nducted	N/A	Time	0830 t 0840		Outside Shift	No
Related Reports							Relate	ed CAPS	S / Fi	ndings					-			
	Ref				Rule	or SO	Р		T :	Standard			Other / T	itle		Chec	klist Refe	rence
Related Rules, SOPs, Standards, or Other	Safety	Direc	tive 16-1															
Standards, or Other	49 U.S	.C. 53	329															
	Mair	- 1	Yard	Stat	ion	00	cc	RTA		FTA			At-grade	e Ti	unnel	Elev	ated	N/A
Inspection Location	Tracl	k			-			Facility		Office	Tra	ck Type						
•				Þ	3		ם						\boxtimes				\boxtimes	
			Tue ele		T			Chain N	A a ul c				From				То	
Line(s)	Green	Line	Track Numb	er	2			and/or		-	Prir	nce George	es Plaza		West F	lyattsvi	lle	
	Hea	d Car	Number		Numb	er of	Cars											
Vehicles		502	27			6		Equ	uipm	ent								
	FWSO	boar	ded car le	ad #50	27 at	Gree	nbelt S	tation a	at ap	prox. 0830	. FWS	50	Number	of Defect	s			1
										a station a			Recomm	ended Fi	nding?			No
										he operatord d access b			Remedia	l Action F	Required	?		Yes
Description				•						t the ROC	-							
								he train	ı at t	he next st	op (Ft	_	Recomm	andad Pa	_incnect	ion?		No
	t		acted ROC		•			that he	was	following	the cu	re- urrent	Recomm	enaca ne	mspece			140
										he stated								
Inspector in Charge – S	ignature	• •	\	- N	11 A	Γ	۸ ر	шг	- 1	Digitally s	signed b	y MEDENIA DA Government, o	.SHIELL ou=DOT Headqua	rters, ou=FRA		Date		
Medenia K. Dashiell		ı	MED	וםי	ИA	U	CH			cn=MEDE Date: 201	NIA DAS					03/11/	/2016	
Inspector in Charge – N	lame		Inspection	n Tea	m													
Medenia K. Dashiell																		





	other than WMATA personnel was allowed authorization to ride in the operator's cab." In addition, he stated that he had not received any official written notification from WMATA management of FWSO's authorization to ride and/or conduct inspections from the operator's cab and would not allow FWSO personnel to do so until he received such notification. FWSO made no further requests to conduct inspections from the operators' compartment.	
Remedial Action	WMATA must issue (or re-issue) a systemwide bulletin regarding the agency's obligati and uninterrupted access to transit agency properties in the performance of official di Secretary of Transportation" within 24 hours of receiving this report. Further, the empt be re-instructed, also within 24 hours, and evidence of such re-instruction must be pre-	uties as specified in U.S.C Title 49, by direction of the oloyee denying such access to an FWSO Inspector must



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Increation Date	YYYY	MM	DD	Report Number	20160309-WMATA-MKD-1					
Inspection Date	2016	03	09	Report Number	20160309-W	20100303-VVIVIA IA-IVIND-1				
Rail Agency Name	Washington Authority	Metropolitan .	Area Transit	Rail Agency Department	Rail Operations Control Center	Sub- Depart	ment			
Rail Agency Department	-	Name		Email	Office Pho	ne	Mobile Phone			
Contact Information						•				
Inspection Location	Green Line –	Greenbelt Sta	tion to Columb	oia Heights Station. ((10 (b) (b))				

Inspection Summary

			T			
Inspection Activity #	1	2	3	4	5	6
Activity Code	ROCC-ACCESS-REF					
Inspection Units	2					
Inspection Subunits	2					
Defects (Number)	4				·	
Recommended Finding	No					
Remedial Action Required	Yes					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1 1	inspe	ction Sub	ject	Refu	isal of A	ccess				Activity Cod	ie	ROC	2	ACCESS	REI
lob Briefing Employee Name/Title	ì					- 1	Accompa nspecto			Out Brief Conducted		Time	0900	1	Outside Shift	No
Related Reports						R	elated (CAPS /	Findings				-			
	Ref				Rule	or SOP	•		Standard		Other / Tit	:le		Che	cklist Ref	erence
Related Rules, SOPs, Standards, or Other	Safet	y Direct	tive 16-1													
Standards, or Other	49 U.	S.C. 53	29													
	Mai Trac	1	Yard	Stat	tion	осс	1 .	RTA icility	FTA Office	Tuesda Tampa	At-grade	Ti	unnel	Elevated		^ N/A
Inspection Location					×					Track Type			\boxtimes			\boxtimes
					Τ΄						From				То	
Line(s) Green Line		Track Numb	er	2			ain Ma d/or St	rker ation(s)		Prince Georges Plaza Columbia Heights				Columbia Heights U St./African Amer. Civi Memorial/Cardozo		
	Hea	d Car 1	Number		Numb	er of Ca	ers									
Vehicles		706 513	-			8		Equip	ment							
	FWSC) board	ded car #7	008 (in the	middle (of the t	rain) at	Greenbelt S	tation at	Number o	f Defect	s			4
										College Park-U.	Recomme	nded Fi	nding?			No
										on car #7069. boarding. At	Remedial	Action F	Required	?		Yes
Description	next train reque	stop, P on the ested tl	rince Geo lead car a hat the o	rges F ‡7068 erato	Plaza, I . FWS or seek	WSO po O introd permis	roceede duced m sion fro	ed forw nyself t om ROC	ard and re-b o the operat C to ride in t	oarded the	Recomme	nded Re	e-inspect	ion?		No
Inspector in Charge – S		e	MED						Digitally DN: c=U: cn=MED	signed by MEDENIA DA S, o=U.S. Government, c ENIA DASHIELL	ou=DOT Headquarte	rs, ou=FRAH	Q,	Date 03/1	1/2016	
Medenia K. Dashiell					ım	/			Date: 20	16.03.11 15:09:42 -05'00	r			U3/1	1/2010	





ROCC at the Georgia Ave.-Petworth Station and was instructed to off board the train at the next stop (Columbia Heights station) and to call the at . FWSO contacted ROCC and spoke with conveyed that he was following the current WMATA Standard Operating Procedures (SOP) of which he stated...."no one other than WMATA personnel was allowed authorization to ride in the operator's cab." In addition, he stated that he had not received any official written notification from WMATA management of FWSO's authorization to ride and/or conduct inspections from the operator's cab and would not allow FWSO personnel to do so until he received such notification. FWSO noted that the operator on lead car #7068 was not wearing a safety vest and did not lean her head out of the window while passengers were on boarding. FWSO immediately contacted FWSO/WMATA Director Sean Thompson of the incident and was instructed to make another attempted for reverification. At 0954, FWSO boarded Green Line train at Columbia Heights station, lead car #5132 and requested the operator to contact ROCC for permission to ride/inspect from the operator cab. The operator announced a momentary delay to the passengers in order to contact ROCC; ROCC again denied permission and requested that I contact At the next stop (U St./African Amer. Civil War Memorial/Cardozo) FWSO off boarded; however, did not contact ROCC made no further requests to conduct inspections from the operators' compartment. Note: At approx. 1015, while awaiting/observing trains for the next approaching Green Line train at Gallery Place/China station, FWSO noted WMATA at the platform. FWSO approached and and conveyed both denied access incidents. seemed astonished by the denials and stated that he would look into it. WMATA must issue (or re-issue) a systemwide bulletin regarding the agency's obligation to provide FWSO inspection personnel with "free and uninterrupted access to transit agency properties in the performance of official duties as specified in U.S.C Title 49, by direction of the **Remedial Action** Secretary of Transportation" within 24 hours of receiving this report. Further, the employee denying such access to an FWSO Inspector must

be re-instructed, also within 24 hours, and evidence of such re-instruction must be provided to FWSO within 48 hours.



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Inspection Date	YYYY	ММ	DD	Panart Number	20160314-WMATA-JMC-1						
inspection bate	2016	03	Report Number 2016		20160314-	0100314-VVIVIATA-JIVIC-1					
Rail Agency Name	Washington Authority	Metropolitar	Area Transit	Rail Agency Department	Rail Transportation	Sub-Department	Glenmont Subdivision				
Rail Agency Department		Name		Email	Office Ph	one	Mobile Phone				
Contact Information	4										
Inspection Location	WMATA Gle	nmont Yard,	12750 Layhill Ro	d, Silver Spring, MD 2090	06						

Inspection Summary

Inspection Activity#	1	2	3	4	5	6	7	8
Activity Code	RTRA- GEN-MTG	RTRA-RAD- OBS	RTRA-ST-PI					
Inspection Units	1	1	1					
Inspection Subunits	1	1	1					
Defects (Number)	0	0	0					
Recommended Finding	No	No	No					
Remedial Action Required?	No	No	No					
Recommend Reinspection	No	No	No					

Individual Inspection Activity

Inspection Activity #	1	Insp	ection Su	ubject	Gene	ralM	eeting	3						Activit Code	У	RT	RA	GEN	OBS
Job Briefing Employee Name/Title	N/A						Accor Inspec	npanie ctor?	d	N/A	Out Brief Conducted	ı V	Yes	Time		00- 00		tside hift	No
Related Reports							Relate	ed CAP	s/I	Findings								-	
- 1 - 1 - 1 - 2 - 2	Ref				Rule or S	OP			St	tandard		Othe	er/Tit	:le		Che	cklist	Refere	nce
Related Rules, SOPs, Standards, or Other	MSRI	ΡΗ			1.69-1.7	9													
Standards, or other	ROCC	Man	iual																
	Ma Tra		Yard	Stat	tion	occ	:	RTA Facilit	у	FTA Office	Tuesk Time		At-gra	ade	Tunne	l E	levat	ted	N/A
Inspection Location								х			Track Type								X
				•								Fron	n				Т	0	
Line(s)			-	Track			1	Chain N	/lar	ker									
Line(s)				Numbe	r		`												
	Hea	ad Car	r Number	. [Numbei	of C	ars	J	•			_			1				
Vehicles								Equ	npr	ment									
·····			with							ng the meet	0.		Numb	er of De	ects				0
											pring, and the		Recon	nmende	d Findir	ng?		١	lo
Description			ce of prope training fo								ormed WMA1	'^ <u>_</u>	Action	n Requir	ed?			N	ło
	FWS	O mor	nitoredtr	ain mov	vement, i	adio	comn	nunicat	ion	s and the Gl	enmont rorail Safety	f	Recon	nmend R	einspe	ction?	?	ľ	lo

Inspector in Charge - Signature	James Cassatt, Jr	Digitally signed by James Cassatt, Jr DN: cn=James Cassatt, Jr, o=FRA, ou=DOT, email=james.cassatt@dot.gov, c=US Date: 2016.03.14 15:43:58 -04'00'	Date March 14, 2016
Inspector in Charge – Name Jim Cassatt	Inspection Team Jim Cassatt		





	Rules and Procedures Handbook and train movements. The Interlocking Operator emphasized safety when discussing job briefings with trainer instructor prior to working with an employee on six track. The Operator applied blocking devices on track number six prior to giving Instructor permission to work on the equipment.	
Remedial Action	N/A	

Inspection Activity #	2	Insp	ection !	Subject	Rep	eat B	Backs						Activi Code	ty	RT	RA	RAD	OBS
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted	Yes	Time		00- 200			Yes
Related Reports							Rela	ated CAP	S/I	Findings								
D. I I.D. I	Ref				Rule c	or SOF	>		St	tandard		Other/Ti	tle		Che	cklist	Refere	nce
Related Rules, SOPs, Standards, or Other	MSRI	PH			1.73,	1.79												
															<u> </u>			
Inspection Location	Ma Tra		Yard	St	ation	ion OC		RTA Facilit	.у	FTA Office	Track Type	At-g	ade	Tunne	:1 1	Eleva	ted	N/A
mspection Location								х		Hack Type							Х	
												From				T	О	
Line(s)	Red			Track				Chain N	Mari	ker								
5(0)				Numb	er									<u> </u>				
Vehicles	Hea	ad Ca	r Numbe	er	Numb	oer of	Cars	Fau	iinn	nent								
Vernicles								-41	u.p.									
										g Operator a		Numl	er of De	fects				0
										radiotransı nent, instruc	nissions. tions regardir	Reco	mmende	d Findi	ng?			ło
Description				other i	nstructio	ons re	gardiı	ngemplo	yee	movement	within	Reme	dial Act	ion Req	uired	?		lo
Description		mont ators		ne prop	er safet			os in the yard as required.				Reco	Recommend Reinspe			tion?		No
Remedial Action	N/A																	

Inspection Activity#	3	Ins	pection :	Subject	Shift	t Trans	fers						Activity Code	У	ROC	cc s	т	PI
Job Briefing Employee Name/Title	N/A					1	Accompanie	d	N/A	Out Brief Conducted	Y	es	Time	07 13	00- 00	Outsid Shift	1	Yes
Related Reports							Related CAP	S/F	indings									
Related Rules, SOPs,	Ref				Rule o	r SOP		Sta	andard		Othe	r/Tit	:le		Chec	klist Re	eren	ce
Standards, or Other							_	_										
June etien Location	Ma Tra		Yard	St	ation	occ	RTA Facilit	.у	FTA Office	- Track Type		At-gra	ade	Tunne	l El	evated		N/A
Inspection Location			:			Х				, rack type								X
				_							From					То		
Line(s)	Blue en	/Yello	ow/Gre	Track Numb	er		Chain I	Mark	er									
Vehicles	He	ad Ca	r Numb	er	Numb	er of C		uipm	ent									





	FWSO performed a physical inspection of the B98 Job Interlocking Operator Safety	Number of Defects	0
Description	Briefing the Glenmont Interlocking Operator. The transfer (verbal and written) was observed. The transfer was signed by all parties involved.	Recommended Finding?	No
Description	observed. The transfer wassigned by an parties myorved.	Remedial Action Required?	No
		Recommend Reinspection?	No
Remedial Action	N/A	•	



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Incorption Date	YYYY	MM	DD	Danast Number	20160317-WMATA-AAN-1						
Inspection Date	2016	03	17	Report Number	20160317-	WIVIATA-AAN-1					
Rail Agency Name	Washington I Authority	Metropolitan A	Area Transit	Rail Agency Department	Track and Structures	Sub- Department	Track Inspection				
	,	Name		Email	Office P	Phone	Mobile Phone				
Rail Agency Department Contact Information											
Inspection Location	Walking insp	ection of track	between Reag	gan National Airport Stati	ion CM 362+00 and	d Braddock Road Station C	M 522+50				

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Insp	ection Subj	ect	Track	and Thi	d Rail Insp	ection		Activity Co	ode	TRK	WI	PI
Job Briefing Employee Name/Title	Empl	loyee	RWIC	Leve	el 4	1	companied pector?	Yes	Out Brief Conducted	No	Time	1000 1300		No
Related Reports						Re	ated CAPS	/ Findings						
	Ref				Rule o	SOP		Standard		Other / 1	itle		Checklist Re	ference
Related Rules, SOPs, Standards, or Other	MSR	PH			Genera	al Rules								
Standards, or Other	TRST	1000												
	Ma Tra		Yard	Sta	tion	осс	RTA Facility	FTA Office	Track Type	At-grad	e T	unnel	Elevated	N/A
Inspection Location	D	3		[Track Type			\boxtimes		\boxtimes
										From			То	
Line(s)	C-Lir	ie	Track Numbe	er	1		Chain Ma and/or S		CM362+00			CM522	2+50	
Vehicles	Не	ad Car	Number		Numbe	r of Car		pment						
	FMS	O Insn	ector reque	sted	to nerfo	rm a vis	ual inspecti	on of track st	ructure and	Number	of Defec	ts		7
	swite	ches be	etween Rea	gan I	National	Airport	Station and	Braddock Ro	ad Station. This	Recomm	ended Fi			Yes
Description		est wa		nt to	an e-ma	ail comp	laint from a	track inspect	tor of conditions			Required	?	Yes
		-								Recomm	nended R	einspection	on?	Yes

Inspector in Charge - Signature alexander.net	oa@dot.gov	Digitally signed by alexander.nepa@dot.gov DN: cn=alexander.nepa@dot.gov Date: 2016.03.17 18:12:33 -04'00'	Date 03-17-2016
Inspector in Charge – Name Alex Nepa	Inspection Team Alex Nepa		





Remedial Action	Yes	
	CM-430+00 to CM-440+00, Marginal defective tie conditions exist on track 1. Crossties that meet the minimum requirements of CFR Title 49, Part 213.109 (B) (4), are split or otherwise impaired to the extent the crosstie will allow ballast to work through, or it will not hold spikes or rail fasteners.	
	CM-425+00 and CM-432+00 thru the entire spiral of the curve non holding crossties and fasteners permitting both rails to move horizontally and vertically. Both rails could be moved horizontally with human foot pressure and over 1 inch of vertical dynamic deflection was observed as trains passed.	
	CM-424+00 in the spiral, defective tie condition allowing fasteners to fail and gage measurements between 57-00 inch to 57-3/8 inch, exceeding WMATA maximum allowable standards in a curve.	
	CM-424+00, 39 feet, marginal tie condition allowing failure of the fastening system to effectively maintain rail stability.	
	Between CM-398.00 and CM-400.00 vegetation, (trees) to the left looking outbound by the George Washington Parkway interferes with and obstructs visibility, (sight distance) with roadway workers providing train approach warning protection.	
	At 5A switch CM-372.00 and Reagan Platform Station, track 1, drainage or water-carrying facility obstructed by debris, not draining.	
	Missing third rail covers on track 1 between the following chain marker locations. 409.00 – 423.00 - 424.00 – 426.00 and 455.00	
	During the inspection, the following items were physically identified as defects.	

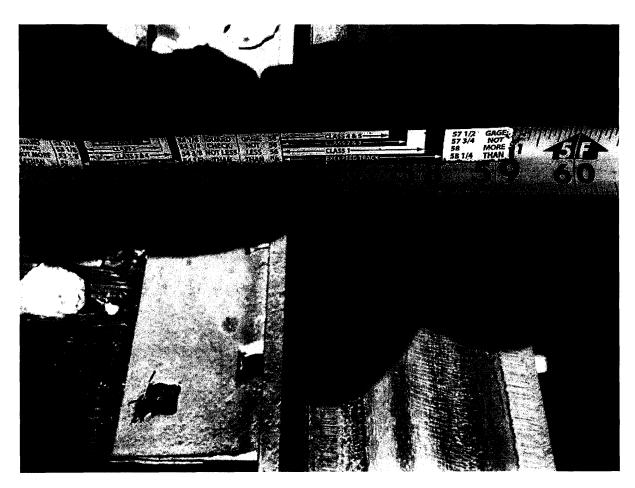
Inspection Activity #	2	Inspec	tion Sub	ject	Swit	ch Insp	ection				Activity Co	de	TRK	SW	PI
Job Briefing Employee Name/Title	Empl	loyee	7//	C Leve	el 4	- 1	Accomp Inspecto		Yes	Out Brief Conducted	No	Time	1000 1300	0 445.4	No
Related Reports							Related	CAPS/	Findings						
	Ref				Rule	or SOP			Standard		Other / T	itle		Checklist R	eference
Related Rules, SOPs, Standards, or Other	MSR	PH			Gene	ral Rul	es								
Standards, or Other	TRST	1000													
	Ma Tra		Yard	Sta	tion	occ	•	RTA acility	FTA Office	Track Type	At-grad	e Ti	unnel	Elevated	N/A
Inspection Location	×	3								Track Type					
											From			То	
Line(s)	C-Lin	ie	Track Numb	er	1		•	nain Ma nd/or St		CM362+00			CM522	2+50	
Vehicles	Не	ad Car N	lumber		Numb	er of C	Cars	Equip	ment						
 	FWS	O Inspec	tor reque	ested	to perf	orm a	physica	l I inspect	ion of three	(3) switches	Number	of Defect			0
	betw	veen Rea	agan Nati	onal A	Airport	Station	n and Br	addock	Road Station	n. One switch	Recomm	ended Fi	nding?		No
Description					, and th	ne othe	er two w	vere at C	:12, Braddoc	k Road. There	Remedia	l Action I	Required	?	No
	were	e no exc	eptions ta	iken.							Recomm	ended Re	einspection	on?	No
Remedial Action	No														





Inspection Activity #	3	Inspec	tion Sub	ject	Radio	Observ	ation				Activity Co	de	TRK	RAI)	OBS
Job Briefing Employee Name/Title	Emplo	oyee .	2) (l 4		comp	anied or?	Yes	Out Brief Conducted	No	Time	1000 1300			No
Related Reports						Re	lated	CAPS/	Findings							
	Ref				Rule o	SOP			Standard		Other / T	itle		Checklist	Refer	ence
Related Rules, SOPs, Standards, or Other	MSRP	Н			Genera	l Rules										
otaliaalas, or other	TRST1	1000														
Increation Location	Mai Trac		Yard	Stat	ion	осс	1 '	RTA scility	FTA Office	Track Type	At-grade	e Tu	unnel	Elevated		N/A
Inspection Location	×				ם					паск туре						×
											From			То		
Line(s)	C-Line	5	Track		1			ain Mai		CM362+00			CM522	2+50		
Emetay	C Line	-	Numbe	er	-		an	d/or Sta	ation(s)						_	
							<u>L</u> ,									
Vehicles	Hea	d Car N	umber	-	Numbe	r of Cars	;	Equip	ment							
	FWSC) monito	ored the i	radio (commu	nication	betw	een the	RWIC and R	occ	Number	of Defect	s			0
	Contr	oller. Al	l commu	nicati	ons wer	e correc	t and	legible.			Recomm	ended Fir	nding?			No
Description	ROCC	made r	equired a	annou	incemer	ts to ra	lcar o	perator	s as well.		Remedia	l Action R	equired?	?		No
										Recomm	ended Re	inspection	on?	-	No	
Remedial Action	No															

Inspection Activity #	4	Inspec	tion Subj	ect	Roa	dway \	Worker	Protection	on		Activity Co	de	TRK	RWF	PI
Job Briefing Employee Name/Title	Emplo	(ee	(6)	Leve	el 4		Accom	panied tor?	Yes	Out Brief Conducted	No	Time	1000 1300		I No
Related Reports							Relate	d CAPS /	Findings						
	Ref				Rule	or SOF	•		Standard		Other / T	itle		Checklist F	Reference
Related Rules, SOPs, Standards, or Other	MSRPI	1			Gene	eral Ru	les								
Standards, or Other	TRST1	000			RWP	M									
luono etion lo cetion	Main Track	1	Yard	Sta	tion	OC	c [RTA Facility	FTA Office	Track Type	At-grad	e T	unnel	Elevated	N/A
Inspection Location	×									Track Type					
											From			То	
time(a)	C-Line		Track		1		c	hain Ma	rker	CM362+00			CM52	2+50	
Line(s)	C-Line		Numbe	er	1		а	nd/or St	ation(s)				<u> </u>		
Vehicles	Head	l Car N	umber		Numl	ber of (Cars	Equip	ment						
	FWSO	and W	MATA Su	pervi	ision n	net the	level fo	our RWIC	at Alexandri	a Yard and we	Number	of Defect	ts		0
	drove	to Eisei	nhower S	tatio	n ridin	ig WM/	ATA to	Reagan N	lational Airpo	ort Station.	Recomm	ended Fi	nding?		No
Description			i job brief ition of R						te forms sign	ned, and a	Remedia	l Action I	Required	?	No
	RWIC	orovide		ate w	arning	g of app	oroachi	ng trains		erators took	Recomm	ended Re	einspecti	on?	No
Remedial Action	No														



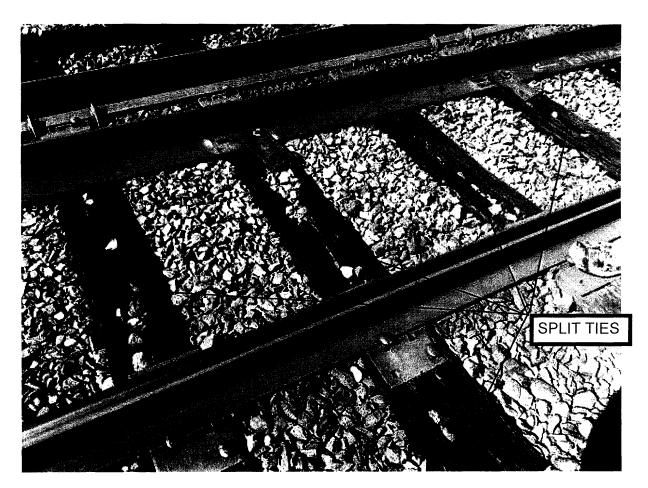
GAGE MEASUREMEMT 56-1/2 INCH STATIC



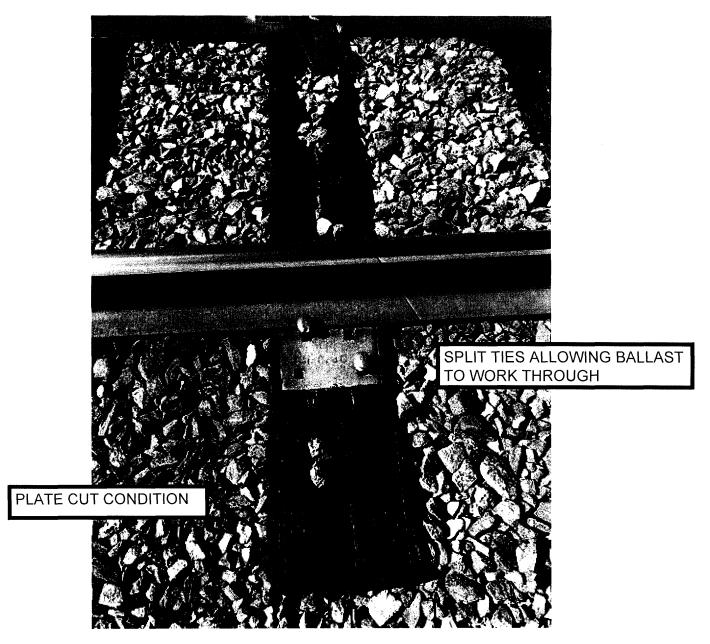
STEP GAGE MEASUREMENT OF $\frac{1}{4}$ INCH BETWEEN BASE OF RAIL AND TIE PLATE



STEP GAGE MEASUREMENT OF ¼ INCH TIE PLATE MOVENENT



SPLIT / DEFECTIVE CROSSTIES



SPLIT – PLATE CUT CROSSTIE



SPLIT CROSSTIE ALLOWING BALLAST TO WORK THROUGH



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

all (b) (6)

Agency/Department Information

Inconnection Data	YYYY	MM	DD	Donout Niveshou	20160222 W	20160323-WMATA-MKD-1					
Inspection Date	2016	03	23	Report Number	20160323-W	/IMATA-IMKD-1					
Rail Agency Name	Washington Authority	Metropolitan A	Area Transit	Rail Agency Department	Rail Operations Control Center	Sub- Department					
Rail Agency Department	ment Name			Email	Office Pho	one	Mobile Phone				
Contact Information	ct Information										
Inspection Location			enue to Brookl	yn – CUA Station.							

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ROCC-ACCESS-REF					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	1		-			
Recommended Finding	No					
Remedial Action Required	Yes	,				
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Inspe	ction Sub	ject	Refusa	of Ac	cess			Activity C	ode	ROCC	ACCES	S REF
Job Briefing Employee Name/Title	N/A						companied spector?	N/A	Out Brief Conducted	N/A	Time	11:05	Outsid	- I No
Related Reports						Re	lated CAPS /	Findings				·		
	Ref				Rule or S	SOP		Standard		Other /	Title		Checklist R	eference
Related Rules, SOPs, Standards, or Other	Safet	y Direc	tive 16-1											
Standards, or other	49 U	.S.C. 53	29											
	Ma Tra		Yard	Sta	tion	осс	RTA Facility	FTA Office	Tue als Toma	At-grad	de T	unnel	Elevated	N/A
Inspection Location	×	3		[\boxtimes				Track Type					
11:(-)	Red I		Track		1		Chain Ma	rker		From			То	
Line(s)	Redi	Line	Numb	er	1		and/or St	ation(s)	Rhode Island	Ave.		Brookly	/n - CUA	
	He	ad Car I	Number		Number	of Car								
Vehicles		511	1		6		Equip	ment						
	FWS	O intro	duced my	self a	nd presen	ted F	TA badge and	credentials	to the	Numbe	r of Defec	ts		1
		•		_			d Ave. station	•		Recomr	nended F	inding?		No
			ek permis :FWSO wa				de in the ope		or further . FWSO the	Remedi	al Action	Required	?	Yes
Description	proce 11:05 the F	eeded t 5 to aw	o boarde ait ROCC the Broo	d car decisi klyn -	lead #511 on. Oper CUA stat	1 at R ator ir ion wi	hode Island Anformed FWS	Ave. Station O was denie instructions	at approx.	Recomm	nended R	e-inspecti	on?	No

Inspector in Charge – Signature Medenia K. Dashiell	MEDENIA DASHIELL	Digitally signed by MEDENIA DASHIELL DN: =US, o=US. Government, ou=DOT Headquarters, ou=FRAHQ, cn=MEDENIA DASHIELL Date: 2016.03.23 18:25:24 -04'00'	Date 03/23/2016
Inspector in Charge – Name	Inspection Team		
Medenia K. Dashiell			





Remedial Action

WMATA must issue (or re-issue) a systemwide bulletin regarding the agency's obligation to provide FWSO inspection personnel with "free and uninterrupted access to transit agency properties in the performance of official duties as specified in U.S.C Title 49, by direction of the Secretary of Transportation" within 24 hours of receiving this report. Further, the employee denying such access to an FWSO Inspector must be re-instructed, also within 24 hours, and evidence of such re-instruction must be provided to FWSO within 48 hours.



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Incorporation Data	YYYY	MM	DD	Report Number	20160222 \	NMATA-MKD-(าว
Inspection Date	2016 03 23			Report Number	20100323-1	/V IVIA I A-IVIND-I	
Rail Agency Name	Washington Authority	Metropolitan .	Area Transit	Rail Agency Department	Rail Transportation	Sub- Department	Glenmont Div.
Rail Agency Department		Name		Email	Office Ph	none	Mobile Phone
Contact Information					6)(6)		
Inspection Location	Red Line fror	n Rhode Island	d Ave. Station t	o Glenmont Station			

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Riding In	spection			Activity C	ode	Trk	RI	OBS
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	N/A	Out Brief Conducted	N/A	Time	0830 to 1430	Outside Shift	No
Related Reports	N/A			Related CAPS	/ Findings						
Related Reports Related Rules, SOPs, Standards, or Other	N/A Ref		1.18, 1.1 1.46-1.5 MSRPH 4.3 SR 4 MSRPH Rules 3. 3.121, 3.121,1, 3.141, 3.167, 3 MSRPH #8,	General 14, 1.17, 19, 2, 1.69-1.84; Safety Rules 1.227; Operating 119, 3.120, 3.79.1, 168; SOPs #4A, 5, #16, #35,	/Findings Standard N/A		Other / Title	3	Che N/A	cklist Referen	ice
	Ci 4					-ii b. MEDENIA			Da	ite	

Inspector in Charge – Signature

MEDENIA DASHIELL
DN: c=US, Government, ou=DOT Headquarters, ou=FRAHQ, on=MEDENIA DASHIELL
DN: c=US, Government, ou=DOT Headquarters, ou=DOT Headq





Inspection Location	Main Track	Yard	Statio	on C	сс	RTA Facility	FTA Office	Track Type	At-gra	de	Tunnel	Elevated		N/A
Inspection Location	Х		х		-			Track Type	х		X	х		
									From			То		
	D - 1111-		Track	1&	,	Chain Ma	ırker	Greenbelt			Ft. Tot	en		
Line(s)	Red Line		Number	100	2	and/or St	tation(s)							
	Head Ca	r Numbe	r N	Number o	f Cars		_							
Vehicles	6:	104		6		Equip	oment							
	FWSO cor	ducted a	riding ins	spection of	on the R	ed Line fr	om Rhode Isl	and Ave. to	Number	of Defec	ts		0	
	Glenmont	Stations					are the resu		Recomm	ended Fi	inding?		No)
	observation	on.							Remedia	l Action	Required	?	No)
Description	Station or applicable marker, so	#2 track SOPs, in ounding t	at 0830. cluding sta he horn w	The oper ation ann then exiti	ator ger ouncem ng and e	nerally cor nents, prop entering to	o Ft. Totten) f mplied with N per berthing unnel portals ead out the w	at the 8 car , and the 5		ended R	einspectio	on?	No	,
Remedial Action	N/A													
Inspection Activity #	2 Ins	pection S	ubject	RTRA O	oservati	ons			Activity Co	ode	RTRA	GEN	<u> </u>	OBS
Job Briefing Employee Name/Title	N/A				1	mpanied ector?	Yes	Out Brief Conducted	N/A	Time	0900 t			No
Related Reports	N/A				Rela	ted CAPS	/ Findings	2-18-A, 2-18	8-B, 2-19-A, 2	-19-B, 2-	20-A, 2-21	,A, 2-21-B		
	Ref		R	tule or SO	Р		Standard		Other / Title		(Checklist Re	erence	<u>.</u>
Related Rules, SOPs, Standards, or Other	N/A			N/A			N/A		N/A		ı	N/A		
	RTRA Sup Activity R Instruction	eport										-		
	Main Track	Yard	Stati	ion	осс	RTA Facility	FTA Office	Track Type	At-gra	ade	Tunnel	Elevated		N/A
Inspection Location	Х		Х					ack Type	X		X	х		
					Ţ				From			То		
Lino(s)	Red Line		Track	15	k2	Chain M		Rhode Islan	d Ave		Glenn	nont		
Line(s)	Neu Line		Number	r	_	and/or S	itation(s)							
	Head C	ar Numbe	er	Number	of Cars									
Vehicles						Equi	pment							
	FWSO me	et with			at F	t. Totten s	station and co	onducted an	Numbe	r of Defe	cts)
	observati	on inspec	ction of			in the per	formance his	duties on the	Recomm	nended F	inding?		N	0
Description			de Island . ults of the			t Stations	and return o	n tracks 1 and	Z. Remedi	al Action	Required	1?	N	0
	Delow di	- inc 1631	~ I `)(<i>b</i>	`				Recomr	nended F	Re-inspec	tion?	N	lo
	1		رونيا	$\mathcal{I} \cup \mathcal{O}$										





	Rep RTR. wer the note han (trai disp ope mar eme and safe of tl	orts for A Daily e filled supervi- ed the F dling w in opera satchers rators a nagers (ergency discuss ety instri he wee	r the More Activity out. An isor and RTRA's look relating slots (train at disparat check I passer sed the	onth of Report o	March t Instructes note mployed dge and uations olved in ss, on ha reques ks, rule port). He the dar ertaine	for concition, and we with a cab and if the notice but to the detection of the detection of the detection of the notice detection of the detec	ompliar s. All re re follo additio fessiona train o with op needed statio e day a c only re offer a	wed up on, FWS alism in perator perator) d to reli	b by W ss), ief										
Remedial Action	N/A														1				
Inspection Activity #	3	Inspe	ction S	ubject	RTR	A Obs	servatio	ons				1	Activity Co	de	RT	RA	RWI	<u> </u>	OBS
Job Briefing Employee Name/Title	N/A						Accor	mpanie	d	Yes	Out Brief Conducted		N/A	Time		0 to 30	Outsi Shif		No
Related Reports	N/A						Relat	ed CAP	S/F	indings									
Related Rules, SOPs, Standards, or Other	N/A TRST	1000			N/A	r SOP			N/	'A		N/	ner / Title			N/A	cklist Re	erenc	e
	Mai Trad		Yard	St	ation	00	cc	RTA Facilit	- 1	FTA Office	Track Type		At-gra	de	Tunne	I E	levated		N/A
Inspection Location	Х				Х						Track Type		X		Х		X		
												F	rom				То		
Line(s)	Gree	n Line		Track Numb		1		Chain I and/or			Greenbelt							-	
	Hea	ad Car I	Numbe	r	Numl	ber of	Cars												
Vehicles		607				6			uipm					-45 (0
										en station e			Number						0
										g at the 8 c	nd applicable ar marker.		Recomm						No
Description	RW trac and	inding to or to op /P persock upor d RWP p	the hore bening of onnel with a arriva personr	n when doors in vere no linto G nel.	exiting n station ted nea reenbe	g and one with ar the lit state.	enterin th head #1 trac tion. N	g tunne I out the ck just p o excep , FWSO	el por e wir orior otion	rtals, and the ndow. to the cross is noted per ed smoke or	ne 5 second p sover to the # train operati	‡2 or	Recomm				?		No
	01.0	aajacer	it freigr	it rallro	au on t	ne ne	iu siue	UI #4 U	ack.	- Willie Oll I	ooarding at		L		-				





		enbelt, the o dent ROCC.	perator	stated t	hat he	e also i	noted th	he smo	oke/fire a	nd reported t	to th						
Remedial Action	N/A																
Inspection Activity #	4	Inspection	Subject	RTR	A Obs	ervatio	ons				P	Activity Co	de	RT	RA	TRK	OBS
Job Briefing Employee Name/Title	N/A						mpanie ctor?	d	Yes	Out Brief Conducted		N/A	Time		0 to 30	Outside Shift	No
Related Reports	N/A					Relat	ed CAP	S / Fin	dings								
	Ref			Rule o	r SOP			Stan	dard		Oth	er / Title			Chec	klist Refer	ence
Related Rules, SOPs, Standards, or Other	N/A			N/A				N/A			N/A	Α			N/A		
	Mai Trac	\ Yard	l S1	tation	00	cc	RTA Facilit		FTA Office			At-gra	de	Tunne	I E	levated	N/A
Inspection Location	Х			х		3				Track Type	•	Х		Х		Х	
											F	rom				То	
			Track		_		Chain I	Marke	r	B2+188+08	8						
Line(s)	Red L	ine	Numl	per	- 2		and/or	Statio	on(s)								
	Hea	ad Car Numb	er	Numb	oer of	Cars											
Vehicles		7078			8		Equ	uipme	nt								
	Durin	ng FWSO's ric	ling insp	ections	on the	e Red I	Line fro	m Bro	oklyn – C	JA to Rhode		Number	of Defe	cts			0
	Island	d Ave., FWSC	noted :	a rough	ride a	rea at	approx.	B2+18	88+08 ch	ainmarker	Ī	Recomm	ended F	inding?)		No
Description		ion on #2 tra ollow up on t					-	the RT	RA Super	visor. FWSO	<u> </u>	Remedia	I Action	Requir	ed?		No
		onow up on t			.5.1. 00						Ī	Recomm	ended F	Re-inspe	ection	?	YES
Remedial Action	TRST	and FWSO w	ill cond	uct a fol	low u	p inspe	ection o	f this a	area.								



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

all (60/6)

Agency/Department Information

Insuration Date	YYYY	MM	DD	Report Number	20160220	WMATA-JM	C_1
Inspection Date	2016	03	29	Keport Number	20100329	VV IVIA I A—JIVI	C-1
Rail Agency Name	Washington Authority	Metropolita	n Area Transit	Rail Agency Department	Rail Transportation	Sub-Departmen	Rail Operations Control Center
Rail Agency Department	, No.			Email	Office Ph	one	Mobile Phone
Contact Information							
Inspection Location	Carmen Tur	ner Facility – I	Rail Operations	Control Center – 3500 F	Pennsy Drive , Hyatts	sville, MD 20785	

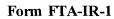
Inspection Summary

Inspection Activity #	1	2	3	4	5	6	7	8
Activity Code	ROCC- GEN-MTG	ROCC-RAD- OBS	ROCC-ST-PI					
Inspection Units	1	1	1					
Inspection Subunits	1	1	1					
Defects (Number)	0	4	0					
Recommended Finding	No	No	No					
Remedial Action Required?	No	No	Yes					
Recommend Reinspection	No	Yes	Yes					

Individual Inspection Activity

Inspection Activity #	1	Ins	pection S	Subject	Ge	neral	Meeti	ing					Activi Code	ty	RO	СС	GEN	OBS		
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted	Yes	Time	03 09	00- 00		tside hift	Yes		
Related Reports							Rela	ated CAP	S/ I	Findings										
	Ref				Rule	or SOF		Standard				Other/Ti	Other/Title				Refere	nce		
Related Rules, SOPs, Standards, or Other	MSRI	PH			1.69-	1.79														
Standards, or other	ROCO	C Mar	nual																	
	Ma Tra		Yard	St	ation	0	СС	RTA Facilit	:у	FTA Office	Track Type	1 -	rade	Tunne	I E	leva	ed	N/A		
Inspection Location					_	}	Х				Пасктуре							Х		
												From				Т	0			
Line(s)				Track Numl				Chain N	√lar	ker										
Vehicles	He	ad Ca	ar Numbe	er	Num	ber of	fCars		uipr	ment										
venicies																				
	FWS	0 me	t with As	sistant	Superir	ntende	ent		g th	e meeting,	both parties		ber of De					0		
			the repe							a and the Di	acc Anaratas		mmende	ed Findi	ng?			No		
Description	FWS	o mo	onitored dbutton	train m	noveme Slue/V	nt, rac ellow	no cor and G	mmunica reenline	ion s. T	he Operato	OCC Operator rs performed	S Actio	n Requi	red?				No		
	their	r duti	ies as per	SOP's,	Metror	ail Saf	ety Ru	ules and P	roc	edures Han nasized Safe	dbook and tra	ain Reco	mmend	Reinspe	Reinspection?					

Inspector in Charge - Signature	James Cassatt, Jr	Digitally signed by James Cassatt, Jr DN: cn=James Cassatt, Jr, o=FRA, ou=DOT, email=james.cassatt@dot.gov, c=US Date: 2016.03.30 14:21:20-04'00'	Date March 29, 2016
Inspector in Charge – Name Jim Cassatt	Inspection Team Jim Cassatt		





	discussing job briefings with employees prior to fouling/clearing track to perform work.	
Remedial Action	N/A	

Inspection Activity#	2	Insp	ection	Subjec	t F	Repeat E	Backs/	'Radio Pro	cedu	ıres				Activ Code	•	RO	СС	RAD	OBS
Job Briefing Employee Name/Title	N/A	•						ompanie ector?	d	N/A	Out Brief Conducted	, ,	⁄es	Time	030 09			side ift	Yes
Related Reports							Rela	ated CAPS	S / Fi	ndings									
	Ref				Ru	le or SOF)		Sta	ndard		Othe	er/Tit	le .		Che	cklist	Refere	nce
Related Rules, SOPs, Standards, or Other	MSR	PH			1.7	73, 1.79								_					
	Ma Tra		Yard	S	tatio	n O	cc	RTA Facility	у	FTA Office	Track Type		At-gr	ade	Tunne		Elevat	ed	N/A
Inspection Location						,	ĸ				i iidek iype								Х
												Fror	n				To)	
Line(s)	ROC	С		Tracl Num	-			Chain N	/larke	er									
	He	ad Ca	r Numb	er	Nu	umber of	Cars		ipme			_					_		
Vehicles				Ì				1	•			_							
	FWS	Oobs	erved a	nd mo	nitore	d ROCC	Conti	rollers cor	nplia	nce with r	adio rules and	 		er of D			_		3
	mon	iitore kers a	dradiot Indoper	ransmi ators	issions The fo	s. Contro Howing r	пегs r adiot	e-enforce :ransmissi	ons w	vere noted	ith maintenar d:	L			ed Findir	<u> </u>	_		es
	"	•	An unk	nown	emplo	oyee mad	leanı	unnecessa	ary co	ommunicat	tion at 6:55 a.	m. 📙	Reme	dial Ac	tion Req	uired	?		No
Description		 "Wow." Not complying with MSRPH rule 1.73. Radio communications were difficult to receive and transmit in locations like Mt. Vernon. WMATA needs to comply with CAP FTA-RAIL-1-14-B and FTA-RAIL-1-14-A. Train 412 on track #1 Farragut West moved while repeating back permissive block permission. The Operatorfailed to notify ROCC that speed commands returned as per SOP#15 and MSRPH 3.79. 													/es				
Remedial Action		FTA has issued a Corrective Action Plan (CAP) number FTA-RAIL-1-14-B and FTA-RAIL-1-14-A. WMATA's original estimate to reclosure is Jan 2017.											torequ	ıest					

Inspection Activity#	3	Insp	ection S	ubject	Shif	t Trans	sfers					Activit Code	y	ROC	C ST	PI
Job Briefing Employee Name/Title	N/A						Accompanions Inspector?	ed	N/A	Out Brief Conducted	Yes	Time	030 09		Outside Shift	Yes
Related Reports							Related CAI	PS/	Findings	<u> </u>				_		
	Ref				Rule c	or SOP		S	tandard		Other/	Title		Chec	klist Refe	ence
Related Rules, SOPs, Standards, or Other								-								
	Ma Tra		Yard	Si	ation	OCO	C RTA		FTA Office	- Track Type	At-	grade	Tunne	l El-	evated	N/A
Inspection Location						х				index type						X
	 			<u>,</u>							From				То	
Line(s)	Blue en	/Yello	ow/Gre	Track Num			Chain	Chain Marker								
Vehicles	He	Head Car Number Number of Car				Cars Ec	uip	ment					_			





	FWSO performed a physical inspection of the Activity Log Books located at	Number of Defects	0
Dogovinskov	Blue/Yellow/ Green Line Controller console for 3/29/16. FWSO also observed the transfer with the Assistant Supt present during the transfer. The transfer was well	Recommended Finding?	No
Description	detailed explaining maintenance forces working and current trains on the territory	Remedial Action Required?	No
	was discussed. The transfer was signed by all parties involved.	Recommend Reinspection?	No
Remedial Action	N/A		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

all (6)(6)

Agency/Department Information

Insuraction Date	YYYY	MM	DD	Report Number	20160220	WMATA-JMC-	
Inspection Date	2016	03	30	Report Number	20100330-	VV IVIA I A—JIVIC	-1
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	Rail Transportation	Sub- Department	Greenbelt Subdivision
Rail Agency Department	- P	lame		Email	Office Ph	one	Mobile Phone
Contact Information							
Inspection Location	WMATA Gre	enbelt Yard, 5	5801 Sunnyside	Ave, Beltsville, MD 207	05		

Inspection Summary

					T = =======	1		
Inspection Activity#	1	2	3	4	5	6	7	8
Activity Code	RTRA- GEN-MTG	RTRA-RAD- OBS	RTRA-ST-PI					
Inspection Units	1	1	1					
Inspection Subunits	10	1	1					
Defects (Number)	0	0	0					
Recommended Finding	No	No	No					
Remedial Action Required?	No	No	No					
Recommend Reinspection	No	No	No					

Individual Inspection Activity

Job Briefing Employee	•			t Gen	ierariv	/leeting					Activit Code	· y	RTRA G		OBS
Name/Title	N/A	I/A					nied r?	N/A	Out Brief Conducted	YAC		080 13	00- 100	Outside Shift	No
Related Reports						Related	CAPS	/ Findings							
	Ref			Rule o	r SOP			Standard		Other/Ti	tle		Chec	klist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRPH			1.69-1	79										
Standards, or other	ROCC N	lanual													
	Main Track	Yard	d s	tation	oco	C 1 '	RTA cility	FTA Office	Tunal Time	At-g	rade	Tunne	el El	evated	N/A
Inspection Location	.,,						Х		Track Type						X
			Γ'-							From				То	
Line(s)	Greent Green	elt Yard Line	Track Num			Cha	ain M	arker							_
	Head	Car Numb	l er T	Numh	er of C	Cars									A
Vehicles	Head	- Car Humin	+	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-	Equi	ipment							
		net with I							Mr. met	Numi	ber of De	fects			0
	with ne	w Train O	perator	s and exp	lained	the dutie	s of I	nterlocking Op	erators and	Reco	mmende	d Findi	ng?		No
Description		perations ing Bomb				ard Opera	tors a	and had a safet	y prieting	Actio	n Requir	ed?			No
	FWSO	monitore	d train n	novemen	t, radio	o commui their dutie	nicatio es a s p	ons and the Gr per SOP's, Met	eenbelt rorail Safety	Recommend Reinspection?					No

Inspector in Charge - Signature	James Cassatt, Jr	Digitally signed by James Cassatt, Jr DN: c:n=James Cassatt, Jr, o=FRA, ou=DOT, email=james.cassatt@dot.gov. c=US Date: 2016.03.3.1 19:07:32-04'00'	Date March 30, 2016
Inspector in Charge – Name Jim Cassatt	Inspection Team Jim Cassatt		





	Rules and Procedures Handbook and train movements. The Interlocking Operator Hall emphasized safety and explained procedures to trainee Jones.	
Remedial Action	N/A	

Inspection Activity#	2	Ins	pection	Subject	Rep	eat E	Backs/Y	ard Obs	erva	ations			Act	ivity de		RTI	RA	RAD	OBS
Job Briefing Employee Name/Title	N/A						Accompanied Inspector?			N/A	Out Brief Conducted	Yes	Tin	ne .	080 12			side rift	Yes
Related Reports							Relat	ted CAP	S/I	Findings									
	Ref				Rule	r SOF)	Standard				Other,	Other/Title				Checklist Reference		
Related Rules, SOPs, Standards, or Other	MSR	PH			1.73,	1.79													
		Main Yard Station OC				cc	RTA Facilit	cility Office			At	At-grade			l E	Elevated		N/A	
Inspection Location								Х			Track Type		_						Х
												From					To)	
Line(s)	1	enbel en Lin	t Yard e	Track Numb	er			Chain M	/lar	ker									
Vehicles	He	ad Ca	ır Numb	er	Numb	oer of	Cars	Eat	uipn	ment									
	FWS	Oohs	erved a	nd mon	itoredth	ne Gre	enhelt	Interloc	kin	g Operator a	and Train	Nu	nber of	Defe	orts.				0
	Ope	rator	s for com	pliance	with ra	dio ru	les and	l monito	red	radio transi	missions.	Ro	omme			ng?	-+		Vo
Description				backs were given for a bsolute b garding employee movement w							ctions and oth	er 📖	nedial /			<u> </u>		ı	No
•		Operators made the proper safety stops in the										Re	Recommend Reinspection				,	ſ	No
Remedial Action	N/A																		

Inspection Activity#	3	Inspe	ection S	Subject	Yar	Yard observations								Activity Code		RT	RTRA RC		OBS
Job Briefing Employee Name/Title	N/A Inspe							ompanied N/A ector?		Out Brief Conducted	۷	es (Time 080					Yes	
Related Reports							Relat	ed CAP	S / F	Findings									
Dalata de la coma	Ref Rule or								St	andard		Othe	er/Tit	tle		Checklist Reference			
Related Rules, SOPs, Standards, or Other																			
,																L			
	Mai Trac		Yard Sta		ation	OCC		RTA Facility		FTA Office	Track Type		At-grade Tunno		Tunne	1	Elevat	ed	N/A
Inspection Location			Х								11ack Type								X
										L		Fron	n				T)	
				Track				Ch -: B		l									
Line(s)	Gree	nbelt \	Yard	Numi	per			Chain N	/iari	ker									_
	 		1				- 1												_
	Hea	d Car	Numbe	er	Numb	oer of (Ca.rs						-						
Vehicles								Equ	nqiı	nent									
Description	FWSC	Oobse	erved e	quipme	nt in Gre	eenbel	t Yard	in track:	s 1-:	14 clear of f	oul points. Al	so I	Numb	er of De	fects				0





	observed equipment in M/W yard clear of foul points as per WMATA Rules.	Recommended Finding?	No
		Remedial Action Required?	No
		Recommend Reinspection?	No
Remedial Action	N/A		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department I	a	U C	b)	(6)															
Inspection Date	i		ΥΥΥ	-	М		DD	Re	por	rt Numbei	20160	033	1–W	MAT	ML-A	C-1			
			016		3		31					_							
Rail Agency Name			shingtor hority	n Metro	politan	Area	Transi		_	ency ment	Rail Transpo	Rail Transportation			partmer	nt	Lar	go Subc	livision
Rail Agency Departme	nt			Name				E	mai	1		Office	fice Phone			N	/lobile	Phone	
Contact Information																			
Inspection Location		WN	MATA Lar	go Tow	n Cent	er, 90	000 Lot	tsford R	oad,	, Largo, MD 2	20705				•				
Inspection Summary			-																
Inspection Activity #			1		2		3	3		4	5			6		7			8
Activity Code		1	TRA- N-MTG		RA-RAD- OBS	-	RTRA	-ST-PI											
Inspection Units			1		1		1	L											
Inspection Subunits			12		1		1						\perp		_				
Defects (Number)			0		2		()											
Recommended Findin	g		No		Yes		N	lo											
Remedial Action Requ	ired?		No		Yes		N	lo											
Recommend Reinspec	tion		No		Yes		N	lo											
Individual Inspection	Activi	ty																	
Inspection Activity#	1	Inspection Subject Gene					Meeti	ng						Activ Code	•	R1	ΓRA	GEN	OBS
Job Briefing Employee Name/Title	N/A							ompanio	ed	N/A	Out Brief Conducted	d	Yes	Time				tside hift	Yes
Related Reports							Rela	ted CAF	PS/	Findings									
	Ref				Rule	or SOF	P		St	tandard		Otl	ner/Ti	tle		Che	ecklist	Refere	nce
Related Rules, SOPs, Standards, or Other	MSR	PH			1.69-	1.79							_			L			
Standards, or Carro	ROC	C Man	iual								<u>L</u>								
la continu la continu	Ma Tra		Yard	St	ation	0	сс	RTA Facili		FTA Office	Track Type		At-grade		Tunne	Tunnel		ed .	N/A
Inspection Location								Х		, ,	nack type								X
												Fro	om				T	0	
Nin a lab	 Larg	0		Track				Chain i	Mar	kor									
Line(s)	Blue	/Silve	r Line	Numb	er			Citatii	IVIAI	vei									
	ļ																		
Vehicles	He	ad Ca	r Numbe	er	Num	ber of	fCars	Eq	uipr	ment									
	FWS	Omet	t with Te	rminal	Superv	isor		Mr	n	net with Ope	rators and h	ad	Numl	er of D	efects				0
	jobs	afety	briefing	when t	hey car	ne on	duty.			•		1	Reco	mmend	led Findi	ng?		1	No
Description	FWS	50 mo	nitored	train m	oveme	nt, rac	diocor	nmunica	tion	s at Largo Bl	ock House.T	he	Actio	n Requ	ired?			ľ	No
, Sampan			perform cand tra				SOP's,	Metrora	ıı Sa	fety Rules ar	1a Procedure	es	Reco	mmend	l Reinspe	ection	?	No	
Inspector in Charge - S	Signati	ıre				_	_	_		Disk "	d b	<u>_</u>				Dat	e e		
mspector in charge -	5.Iail		Jar	nes	s Ca	SS	att	, Jr		DN: cn=James c=US	d by James Cassatt, J Cassatt, Jr, o=FRA, o 01 13:55:32 -04'00'	u=DOT,	email=jame	s.cassatt@dc	t.gov,	Ма	rch 31	, 2016	
Inspector in Charge – Jim Cassatt	Name		Inspec Jim Ca	ction Te	eam														





	Mr. observed train 412 with the passenger side front headlight extinguished. He immediately notified the Mechanical Department.
Remedial Action	N/A

Inspection Activity#	2	Insp	ection	Subject	Re	peat E	Backs,	Observa	tion	s				Activ Code	•	R	TRA	RAD	OBS
Job Briefing Employee Name/Title	N/A	NI/A						Accompanied N/A Out Brief Conducted				1	Yes	Time		300- 900		itside shift	Yes
Related Reports							Rel	ated CAP	S/F	Findings									
	Ref				Rule	or SOF			St	andard		Otł	her/Tit	le		Ch	ecklis	Refere	nce
Related Rules, SOPs, Standards, or Other	MSRI	РН			1.73,	, 1.79										-			
Inspection Location	Ma Tra	- 1	Yard	St	ation	00	cc	RTA Facilit	у	FTA Office	Track Type		At-gr	ade	Tunn	el	Eleva	ted	N/A
					Х			х		: :									X
Line(s)	Larg Line	Largo Blue/Silver Line Track Number						Chain Marker					om					о 	
Vehicles	He	ad Ca	r Numb	er	Num	ber of	Cars		aipn	nent									
											ain Operators		Numb	er of D	efects				2
	forc	ompli	ance wi	thradio	rules a	and mo	nitor	edradiot	rans	smissions. I	Proper repeat	: [Recor	nmend	ed Find	ing?		1	/es
	instr	uction	ns regard	ding em								on-	Reme	dial Act	tion Re	quire	1?		⁄es
Description	com	acks were given for Permissive block movement, radio checks and other instructions regarding employee movement within Largo Station. The following non-ompliance was noted: 1. At 4:11 a.m. an employee on the road channel failed to switch to the proper radio channel. The ROCC notified the employee. 2. Radio communications were difficult to receive and transmit on number one track outside the tunnel portal near Largo. WMATA needs to comply with CAP FTA-RAIL-1-14-B and FTA-RAIL-1-14-A.												,	Yes				
Remedial Action			sueda C Jan 201		ve Actio	on Plan	(CAP) number	FTA	A-RAIL-1-14	-B and FTA-RA	AIL-1-	-14-A. '	WMATA	A's orig	inal es	timate	torequ	uest

Inspection Activity#	3	Inspec	ction S	iubject	Tra	nsfer								Activi Code	ty	RT	RA	ST	OBS/ PI
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted		Yes	Time	030 09			tside nift	Yes
Related Reports							Rela	ated CAP	s /I	Findings									
	Ref				Rule	le or SOP Standard Other /						er/Ti	tle		Che	cklist	Refere	nce	
Related Rules, SOPs, Standards, or Other													·						
	Main Track Yard		St	ation OC		CC	RTA Facilit		FTA Office	Track Type		At-gr	ade	Tunne	1 [Elevat	ed	N/A	
Inspection Location					X			х	i		Truck Type						_		X
												Fro	m				T		
Line(s)	Largo Line	/Blue S	Silver	Track Numb	er			Chain N	∕lar	ker									





	Head Car Number	Number of Cars			
Vehicles			Equipment		
			first shift Rail Supervisor. The	Number of Defects	0
	transfer was well detail including train delays d		Recommended Finding?	No	
Description	including trainidelays di	ue to single tracking.	Remedial Action Required?	No	
				Recommend Reinspection?	No
Remedial Action	N/A				