



Inspection Form

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160301-WMATA-MKD-01		
	2016	03	01				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Track & Structures	Sub- Department	RTRA
Rail Agency Department Contact Information	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	Inspection Subject	Riding Inspection				Activity Code		TRK	RI	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A	Out Brief Conducted	N/A	Time	08:50 to 12:40	Outside Shift	No	
Related Reports	N/A	Related CAPS / Findings									
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	N/A	MSRPH General Rules 1.14, 1.17, 1.18, 1.19, 1.46-1.52, 1.69-1.84; MSRPH Safety Rules 4.31 SR 4.227; MSRPH Operating Rules 3.119, 3.120, 3.121, 3.121.1, 3.79.1, 3.141, 3.167, 3.168; MSRPH SOPs #4A, #8, #12, #15, #16, #35, #40, #43, #45, #50		N/A		N/A		N/A			
	TRST 1000										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		X	X	X	<input type="checkbox"/>
Line(s)	Silver Line		Track Number	1&2	Chain Marker and/or Station(s)	From			To		

Inspector in Charge - Signature	Date
MEDENIA DASHIELL <small>Digitally signed by MEDENIA DASHIELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FRAHQ, cn=MEDENIA DASHIELL Date: 2016.03.04 15:22:51 -0500</small>	03/01/2016
Inspector in Charge - Name	Inspection Team
Medenia K. Dashiell	



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Vehicles		Head Car Number	Number of Cars	Equipment	
		2038/6066	6		
Description	<p>FWSO conducted a riding inspection on the Silver Line from Largo Town Center to Wiehle-Reston East Station and return on tracks 1 and 2. Below are the results of these observations.</p> <p>Train ID #601 left Largo Town Center @ 8:50 a.m. on Track #2 en-route to Wiehle-Reston East Station. FWSO boarded the train and provided credentials to the Train Operator and requested and received authorization to ride with him in the cab, to assess Train Operator fitness for duty, PPE, compliance with electronic device policy, train speed, signal adherence, and radio protocol, monitor ride quality, use of the horn, station berthing and door operation, and announcements.</p> <p>FWSO did not observe any RWP personnel on the right of way or tunnels enroute to Wiehle-Reston East on Track #2. However, upon return to Largo Town Center on #1 track, FWSO observed seven (7) locations where RWP maintenance personnel were on the right of way and within the tunnel. FWSO noted proper hand and flash light signals of all RWP maintenance personnel and; the operator properly slowed and/or stopped the train and sounded the horn upon approach of RWP crew.</p> <p>FWSO monitored radio communications from ROCC informing the operators of RWP maintenance personnel locations along the route and the operator acknowledgement. The operator generally complied with MSRPH and applicable SOPs, including sounding horn when exiting and entering tunnel portals, station announcements, and 5 second pause prior to opening doors in stations with head out the window. Train Operator was in possession of reliable watch, flashlight and RWP Level 2 card, with cell phone stowed and no visible reading material or other potentially distracting items in the cab. However, FWSO did note the over speed triggered a few times during the trip.</p> <p>FWSO observed several third rail missing covers at intermittent locations on #2 track between Stadium Armory and Potomac Avenue stations in the tunnel and; Ballston and East Falls Church Stations.</p> <p>FWSO observed marginal defective tie conditions on #2 track at the west end of East Falls Church station (K05) platform that displayed lateral movement (a potential gage condition) on the ties.</p>			Number of Defects	3
				Recommended Finding?	No
				Remedial Action Required?	Yes
				Recommended Reinspection?	YES
Remedial Action	<p>FWSO will follow up defective/lateral movement of tie conditions on #2 track at East Falls Church. In addition, FWSO recommends that the Track and Structures Div. replace the third rail covers at cited locations. FWSO recommends continued monitoring of train operators and follow up with RTRA regarding over speed triggers.</p>				



Inspection Form

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Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160301-WMATA-AAN-1		
	2016	03	01				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Track and Structures	Sub- Department	Track Inspection
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Walking inspection of track, third rail, switches and interlockings between B-06 (Ft. Totten) and B-07 (Takoma)						<i>see (k)(6)</i>

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	Inspection Subject				Track and Third Rail Inspection				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	Employee [REDACTED] RWIC Level 4 Track Unit [REDACTED] (k)(6)			Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1030 1300	Outside Shift	No			
Related Reports	Related CAPS / Findings													
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference						
	MSRPH	General Rules												
	TRST1000													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Line(s)	B-Line	Track Number	1&2	Chain Marker and/or Station(s)	From		To							
					B1&B2 CM252+00		B1&B2 CM275+76							
					B1&B2 CM350+44		B1&B2 CM376+11							
Vehicles	Head Car Number		Number of Cars		Equipment									
Description	FWSO Inspector requested to perform a visual inspection of track structure and switches at B-06 and B-07. This request was subsequent to complaints from train operators of track conditions in these areas.							Number of Defects		0				
								Recommended Finding?		Yes				
	FWSO and WMATA Supervision met the level four RWIC at Fort Totten Station and a job briefing was completed, the appropriated forms signed, and inspection of WMATA badges performed. I then monitored the radio communication between the RWIC and ROCC Controller. All communications were correct and legible.							Remedial Action Required?		Yes				
								Recommended Reinspection?		Yes				

Inspector in Charge - Signature	alexander.nepa@dot.gov	Digitally signed by alexander.nepa@dot.gov DN: cn=alexander.nepa@dot.gov Date: 2016.03.02 19:21:14 -05'00'	Date	03-01-2016
Inspector in Charge - Name	Alex Nepa	Inspection Team	Alex Nepa	



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	<p>However, this particular day there was heavy radio usage and over-talking occurred requiring the RWIC to twice ask ROCC for read-back confirmation.</p> <p>FWSO also monitored communication between train number 103 and ROCC. Train 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.</p> <p>During the inspection, the following items were physically identified as defects.</p> <p>Missing third rail covers between the following chain marker locations. 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</p> <p>Marginal defective tie conditions exist on track 2 for the entire length of the platform. Defects noted included split or otherwise impaired crossties allowing ballast to work through, and/ or not holding spikes or rail fasteners and plate cut.</p>			
Remedial Action	Yes			

Inspection Activity #	2	Inspection Subject	Switch Inspection				Activity Code	TRK	SW	PI	
Job Briefing Employee Name/Title	See above.			Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1030 1300	Outside Shift	No
Related Reports				Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	TRST 1000										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Line(s)	B-Line	Track Number	1 & 2	Chain Marker and/or Station(s)	From			To			
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	<p>B-06, switch number 1A, right side switch point guard rail, one bolt missing one bolt loose. Frog at 1A switch had four broken and/or disconnected wedge plates allowing lateral movement.</p> <p>B-06, switch number 1B, fowl ballast failing to provide adequate drainage and failing to maintain proper geometry. One inch of vertical deflection was observed while trains passed over this location. Ballast marks on the side of the tie confirm this finding, (see attached photograph).</p> <p>B-06 switch number seven, three broken unsecure frog brace plates.</p> <p>B-07, switch number 1A fowl ballast condition for the entire length of the frog failing to provide adequate drainage and failing to maintain proper geometry. One and one-half vertical deflection was observed as trains passed this location. This condition also allowed vertical body movement in the car that was felt as I rode over the condition.</p>						Number of Defects			13	
							Recommended Finding?			Yes	
							Remedial Action Required?			Yes	
							Recommended Reinspection?			Yes – FWSO plans to inspect these areas.	



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all (15/16)

	B07-02 signal, left rail at the insulated (glue) joint, fowl ballast failing to provide adequate drainage and proper geometry. One inch vertical deflection in six ties was identified.		
Remedial Action	Yes		

Inspection Activity #	3	Inspection Subject	Radio Observations				Activity Code	TRK	RAD	OBS	
Job Briefing Employee Name/Title	Employee ██████████ RWIC Level 4 Track Unit <i>672</i>	Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1030 1300	Outside Shift	No		
Related Reports	Related CAPS / Findings										
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH	General Rules									
	TRST1000										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Line(s)	B-Line	Track Number	1&2	Chain Marker and/or Station(s)	From		To				
					B1&B2 CM252+00		B1&B2 CM275+76				
					B1&B2 CM350+44		B1&B2 CM376+11				
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	FWSO monitored radio communication during the inspection. There was a specific discussion between train number 103 and the Rail Operations Control Center (ROCC). Train 103 was stopped at Takoma Station on track one and communicated 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 back by the operator of train number 103. This incident was reported by WMATA Supervision to the ROCC Control Chief and the incident is being investigated.						Number of Defects		0		
							Recommended Finding?		Yes		
							Remedial Action Required?		Yes		
							Recommended Reinspection?		Yes		
Remedial Action	Yes – FWSO team will follow-up with the ROCC control chief pertaining to the investigation of this incident. FWSO team should continue to monitor the radio transmissions for proper repeat backs.										

Inspection Activity #	4	Inspection Subject	RWP Physical Inspection				Activity Code	TRK	RWP	PI	
Job Briefing Employee Name/Title	Employee ██████████ RWIC Level 4 Track Unit <i>672</i>	Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1030 1300	Outside Shift	No		
Related Reports	Related CAPS / Findings										
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH	General Rules									
	TRST1000	RWPM									
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Line(s)	B-Line	Track Number	1&2	Chain Marker and/or Station(s)	From		To				
					B1&B2 CM252+00		B1&B2 CM275+76				
					B1&B2 CM350+44		B1&B2 CM376+11				
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	The FWSO Inspector and WMATA Supervision met the level four RWIC at Fort Totten Station and a job briefing was completed, the appropriate forms signed, and						Number of Defects		0		
							Recommended Finding?		No		



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	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 over-talking occurred requiring the RWIC to twice ask ROCC for read-back confirmation.	Remedial Action Required?	No
		Recommended Reinspection?	No
Remedial Action	No		

Track Maps for the Inspection Area:

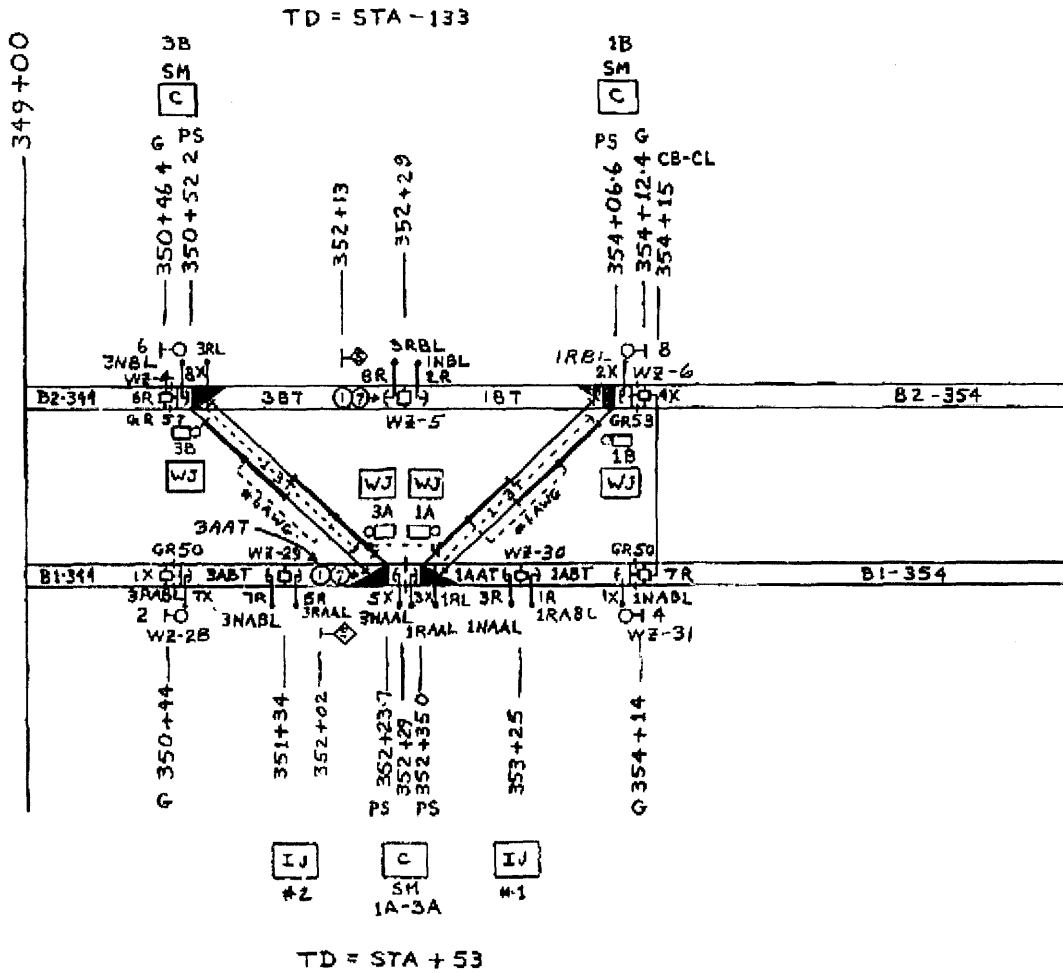


Figure 1 - Takoma Interlocking (B07) – FWSO Inspector walked from B1 CM376+11 to B1 CM350+44. FWSO walked back from B2 CM350+44 to B2 CM376+11.

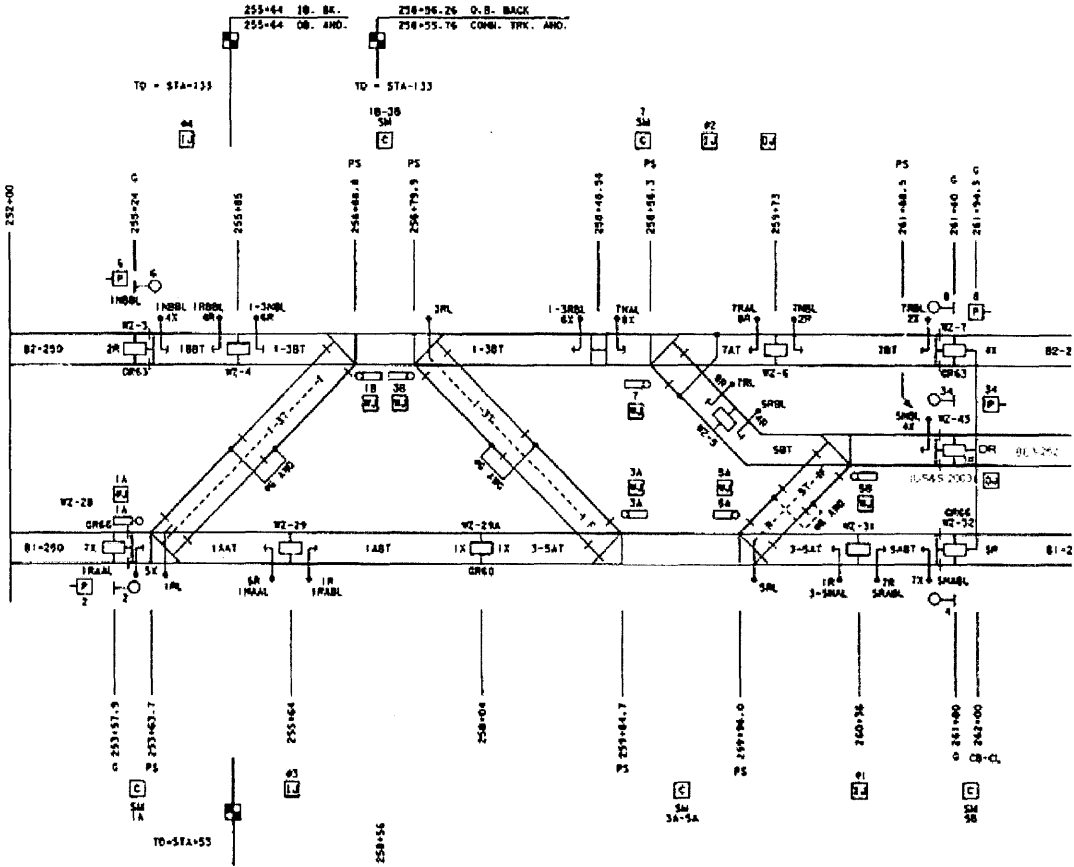
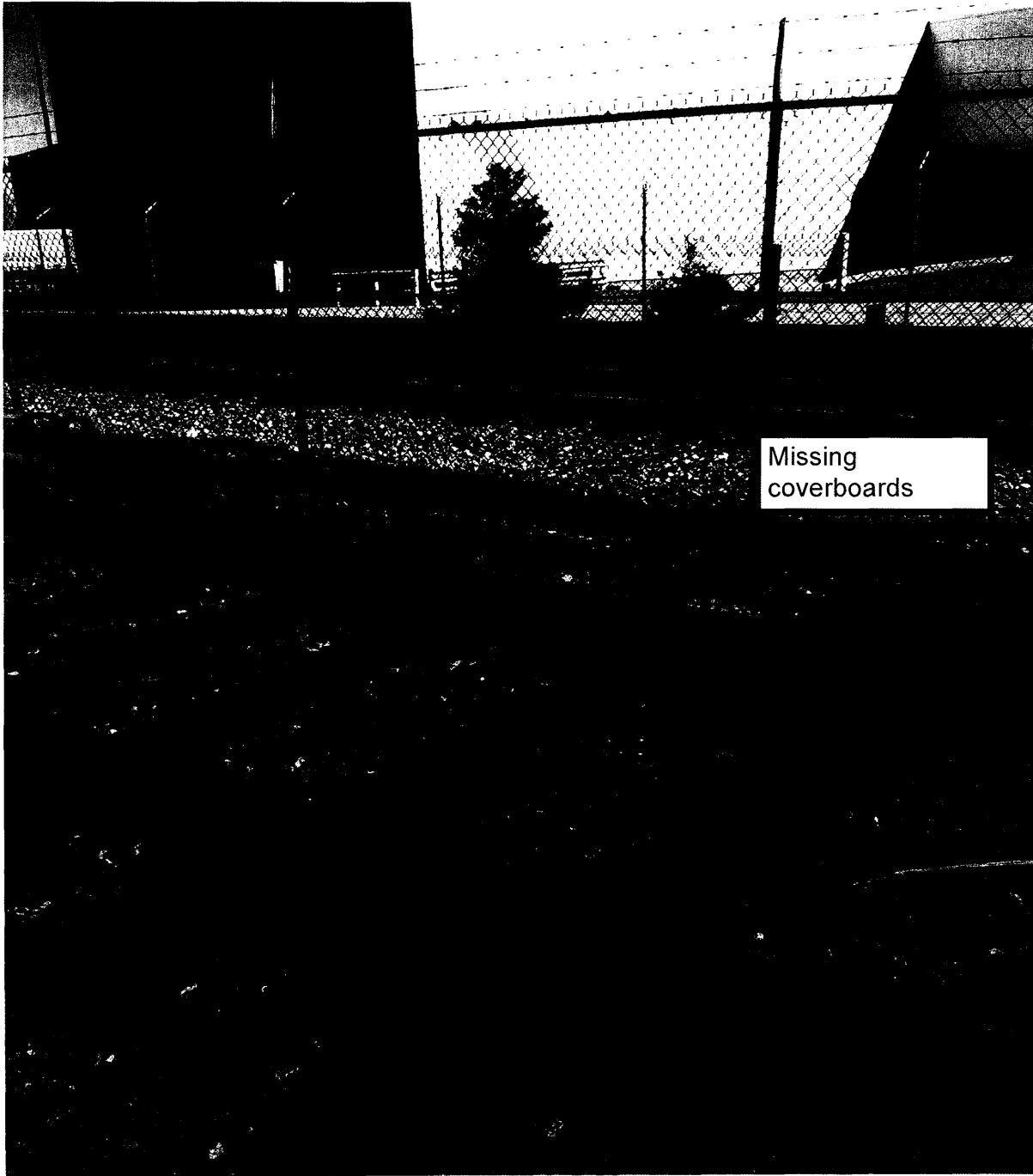


Figure 2 - Fort Totten Interlocking (B06) – FWSO Inspector walked from B1 CM275+76 to B1 CM252+00 then back to Fort Totten from B2 CM252+00 to B2 CM275+76

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



Vertical
movement
marks

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



Plate deflection in addition to vertical tie movement

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



Inspection Form

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United States Department of Transportation
Federal Transit Administration

all (b)(6)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160302-WMATA-AAN-1		
	2016	03	02				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Track and Structures	Sub- Department	Track Inspection
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Alexandria office of Track 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

Inspection Activity #	1	Inspection Subject				Track General Meeting with Mr. Mike Brown			Activity Code		TRK	GEN	MTG
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A		Out Brief Conducted	No	Time	0800 - 1130	Outside Shift	No		
Related Reports					Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	TRST 1000												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Line(s)	N/A		Track Number	N/A		Chain Marker and/or Station(s)		From		To			
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	<p>The FWSO team met with [REDACTED] and discussed the findings from the switch inspection on 3/1/16. The team also discussed ongoing issues with water management at several locations around the WMATA plant. [REDACTED] offered to accompany the team during their next scheduled track walk.</p> <p>The FWSO team also met briefly with [REDACTED] from ATC. The team requested the upcoming joint switch inspection schedule from ATC. A follow-up discussion is planned with [REDACTED] to arrange FWSO participation in the next joint switch inspection.</p>							Number of Defects		0			
								Recommended Finding?		No			
								Remedial Action Required?		Yes			
								Recommended Reinspection?		No			

Inspector in Charge - Signature	alexander.nepa@dot.gov	Digitally signed by alexander.nepa@dot.gov DN: cn=alexander.nepa@dot.gov Date: 2016.03.03 11:53:49 -05'00'	Date 03-02-2016
Inspector in Charge - Name	Alex Nepa	Inspection Team	Alex Nepa, [REDACTED]



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	(b)(6)
Remedial Action	Yes – FWSO team to follow-up with ██████████ to schedule an observation of a joint TRST/ATC switch inspection.

Inspection Activity #	2	Inspection Subject	Track TGV/Defects Records Review				Activity Code	TRK	TGV	RR	
Job Briefing Employee Name/Title		Accompanied Inspector?		Out Brief Conducted	No	Time	0800 – 1130	Outside Shift	No		
Related Reports			Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title		Checklist Reference					
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Line(s)	C-Line	Track Number	1	Chain Marker and/or Station(s)	From			To			
					C1 CM629+00			C1 CM185+61			
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	The FWSO team reviewed the TGV C-Line run report from 2/16/2016 and noted defects related to rail profile and gage face. The team requested and received the defect log for this area. A follow-up walking track inspection for this area is being scheduled for March 17 & 18, 2016.						Number of Defects		0		
							Recommended Finding?		No		
							Remedial Action Required?		Yes		
							Recommended Reinspection?		Yes – FWSO plans to inspect these areas.		
Remedial Action	Yes – FWSO team to schedule a walking inspection of this area on March 17 & 18 th , 2016.										



Inspection Form

Form FTA-IR-1

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Federal Transit Administration

Call (b)(6)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160307-WMATA-JMC-1		
	2016	03	07				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Transportation	Sub-Department	Rail Operations Control Center
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Carmen Turner Facility - Rail Operations Control Center - 3500 Pennsy Drive, Hyattsville, 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	Inspection Subject					General Meeting			Activity Code	ROCC	GEN	OBS
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0700-1300	Outside Shift	Yes
Related Reports						Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference				
	MSRPH	1.69-1.79											
	ROCC Manual												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
				X								X	
Line(s)	Track Number		Chain Marker		From			To					
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	FWSO met with [REDACTED]. During the meeting, both parties discussed the redistribution of Permanent Order T-15-06, that modifies Operating Rule 3.31, regarding trains entering and exiting pocket tracks. This was discussed and reissued to the recent stop signal at Silver Spring Pocket Track. We also discussed the Lessons Learned bulletin Number: 2016-001, dated March 2, 2016. "Communications Mistake Leads to Signal Overrun".								Number of Defects		0		
									Recommended Finding?		No		
									Action Required?		No		
									Recommend Reinspection?		No		

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: 2016.03.07 19:17:19 -0500	Date	March 7, 2016
Inspector in Charge - Name	Jim Cassatt		Inspection Team	Jim Cassatt	



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	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	Inspection Subject	Repeat Backs					Activity Code	ROCC	RAD	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A		Out Brief Conducted	Yes	Time	0700-1300	Outside Shift	Yes
Related Reports			Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	MSRPH		1.73, 1.79								
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
				X							
Line(s)	Blue/Yellow/Green		Track Number	Chain Marker			From		To		
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	<p>FWSO observed and monitored Blue/Yellow/Green Line Controllers compliance with radio rules and monitored radio transmissions. The Blue/Yellow/Green Line Radio Control Operator had to contact the following trains and workers to give a proper read back after giving instructions:</p> <ul style="list-style-type: none"> Train 502 failed to repeat back to hold for two minutes at Suitland. Train 303 at L'Enfant Plaza failed to repeat back instructions from the RTC. Train 405 a failed to respond to the RTC at Van Dorn St., until the RTC made the announcement that he had negative contact with 405. An unknown employee made an unnecessary communication at 9:46 a.m. "14 more minutes brother." Not complying with MSRPH rule 1.73. 						Number of Defects		4		
							Recommended Finding?		No		
							Remedial Action Required?		No		
							Recommend Reinspection?		Yes		
Remedial Action	N/A										

Inspection Activity #	3	Inspection Subject	Shift Transfers					Activity Code	ROCC	ST	PI
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A		Out Brief Conducted	Yes	Time	0700-1300	Outside Shift	Yes
Related Reports			Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
				X							
Line(s)	Blue/Yellow/Green		Track Number	Chain Marker			From		To		



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Vehicles	Head Car Number	Number of Cars	Equipment		
Description	FWSO performed a physical inspection of the Activity Log Books located at Blue/Yellow/ Green Line Controller console for 3/1-3/6. FWSO also observed the transfer with the Assistant Supt present during the transfer. The transfer was well detailed explaining maintenance forces working and current trains on the territory was discussed. The transfer was signed by all parties involved.			Number of Defects	0
				Recommended Finding?	No
				Remedial Action Required?	No
				Recommend Reinspection?	No
Remedial Action	N/A				



Inspection Form

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

Agency/Department Information

all (b)(6)

Inspection Date	YYYY	MM	DD	Report Number	20160310-WMATA-MKD-1		
	2016	03	10				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Operations Control Center	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Green Line – Greenbelt Station to Ft. Totten 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	Inspection Subject	Refusal of Access				Activity Code	ROCC	ACCESS	REF	
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A	Out Brief Conducted	N/A	Time	0830 to 0840	Outside Shift	No	
Related Reports	Related CAPS / Findings										
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	Safety Directive 16-1										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Line(s)	Green Line	Track Number	2	Chain Marker and/or Station(s)		From Prince Georges Plaza		To West Hyattsville			
Vehicles	Head Car Number		Number of Cars		Equipment						
	5027		6								
Description	FWSO boarded car lead #5027 at Greenbelt Station at approx. 0830. FWSO introduced myself to the operator at Prince Georges Plaza station and requested that the operator seek permission from ROCC to ride in the operator's cab for further inspections. Operator informed FWSO was denied access by the ROCC at the West Hyattsville station and was instructed to contact the ROCC [REDACTED] at [REDACTED] FWSO off boarded the train at the next stop (Ft. Totten). FWSO contacted ROCC and spoke with [REDACTED]. [REDACTED] re-conveyed his assertions of the previous day; that he was following the current WMATA Standard Operating Procedures (SOP) of which he stated....."no one							Number of Defects		1	
								Recommended Finding?		No	
								Remedial Action Required?		Yes	
								Recommended Re-inspection?		No	
Inspector in Charge – Signature	MEDENIA DASHIELL							Date		03/11/2016	
Inspector in Charge – Name	Medenia K. Dashiell										
Inspector in Charge – Name	Medenia K. Dashiell										

Digitally signed by MEDENIA DASHIELL
DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FRAHQ,
cn=MEDENIA DASHIELL
Date: 2016.03.11 15:12:09 -05'00'



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	<p>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.</p>		
<p>Remedial Action</p>	<p>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.</p>		



Inspection Form

Form FTA-IR-1

United States Department of Transportation
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Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160309-WMATA-MKD-1		
	2016	03	09				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Operations Control Center	Sub-Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Green Line – Greenbelt Station to Columbia Heights Station. <i>see (k) 56</i>						

Inspection Summary

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	Inspection Subject	Refusal of Access				Activity Code	ROCC	ACCESS	REF		
Job Briefing Employee Name/Title				Accompanied Inspector?		Out Brief Conducted	Time	0900 to 0922	Outside Shift	No		
Related Reports				Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference				
	Safety Directive 16-1											
	49 U.S.C. 5329											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	~ N/A	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Line(s)	Green Line	Track Number	2	Chain Marker and/or Station(s)		From Prince Georges Plaza Columbia Heights		To Columbia Heights U St./African Amer. Civil War Memorial/Cardozo				
Vehicles	Head Car Number		Number of Cars		Equipment							
	7068 5132		8 6									
Description	FWSO boarded car #7008 (in the middle of the train) at Greenbelt Station at approx. 0900. Noted low audible intercom systems. At next stop, College Park-U. of MD station, FWSO proceeded forward and re-boarded the train on car #7069. Noted operator did not look out of the window as passengers were boarding. At next stop, Prince Georges Plaza, FWSO proceeded forward and re-boarded the train on the lead car #7068. FWSO introduced myself to the operator and requested that the operator seek permission from ROCC to ride in the operator's cab for further inspections. Operator informed FWSO was denied access by the							Number of Defects		4		
								Recommended Finding?		No		
								Remedial Action Required?		Yes		
								Recommended Re-inspection?		No		
Inspector in Charge – Signature							Date					
Medenia K. Dashiell							MEDENIA DASHIELL		Digitally signed by MEDENIA DASHIELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FRAHQ, cn=MEDENIA DASHIELL Date: 2016.03.11 15:09:42 -05'00'		03/11/2016	
Inspector in Charge – Name			Inspection Team									



all (b)(6)

	<p>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 [REDACTED] at [REDACTED]. FWSO contacted ROCC and spoke with [REDACTED]. [REDACTED] 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.</p> <p>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.</p> <p>FWSO immediately contacted FWSO/WMATA Director Sean Thompson of the incident and was instructed to make another attempted for reverification.</p> <p>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 [REDACTED]. At the next stop (U St./African Amer. Civil War Memorial/Cardozo) FWSO off boarded; however, did not contact ROCC [REDACTED] and made no further requests to conduct inspections from the operators' compartment.</p> <p>Note: At approx. 1015, while awaiting/observing trains for the next approaching Green Line train at Gallery Place/China station, FWSO noted WMATA [REDACTED] - [REDACTED] at the platform. FWSO approached and conversed with Mr. [REDACTED] and conveyed both denied access incidents. [REDACTED] seemed astonished by the denials and stated that he would look into it.</p>		
Remedial Action	<p>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.</p>		



Inspection Form

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

cell (4)(6)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160314-WMATA-JMC-1		
	2016	03	14				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Transportation	Sub-Department	Glenmont Subdivision
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	WMATA Glenmont Yard, 12750 Layhill Rd, Silver Spring, MD 20906						

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	Inspection Subject					General Meeting			Activity Code	RTRA	GEN	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A		Out Brief Conducted	Yes	Time	0800-1200	Outside Shift	No		
Related Reports	Related CAPS / Findings												
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard			Other / Title		Checklist Reference			
	MSRPH		1.69-1.79										
	ROCC Manual												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
					X							X	
Line(s)	Track Number		Chain Marker		From				To				
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	FWSO met with [REDACTED]. During the meeting, both parties discussed job briefings, the recent stop signal event at Silver Spring, and the importance of proper repeat back radio transmissions. FWSO was informed WMATA is holding training for proper repeat back radio transmissions. FWSO monitored train movement, radio communications and the Glenmont Interlocking. The Operators performed their duties as per SOP's, Metrorail Safety							Number of Defects		0			
								Recommended Finding?		No			
								Action Required?		No			
								Recommend Reinspection?		No			

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 -0400	Date	March 14, 2016
Inspector in Charge - Name	Jim Cassatt	Inspection Team	Jim Cassatt	



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	Rules and Procedures Handbook and train movements. The Interlocking Operator emphasized safety when discussing job briefings with trainer instructor [REDACTED] prior to working with an employee on six track. The Operator applied blocking devices on track number six prior to giving Instructor [REDACTED] permission to work on the equipment. (4)(5)(6)		
Remedial Action	N/A		

Inspection Activity #	2	Inspection Subject	Repeat Backs				Activity Code		RTRA	RAD	OBS
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0800-1200	Outside Shift	Yes
Related Reports				Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	MSRPH		1.73, 1.79								
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X						
Line(s)	Red	Track Number		Chain Marker	From			To			
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	FWSO observed and monitored the Glenmont Interlocking Operator and Train Operators for compliance with radio rules and monitored radio transmissions. Proper repeat backs were given for absolute block movement, instructions regarding the wash rack and other instructions regarding employee movement within Glenmont Yard.							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
	Operators made the proper safety stops in the yard as required.							Recommend Reinspection?		No	
Remedial Action	N/A										

Inspection Activity #	3	Inspection Subject	Shift Transfers				Activity Code		ROCC	ST	PI
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0700-1300	Outside Shift	Yes
Related Reports				Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
				X							
Line(s)	Blue/Yellow/Green	Track Number		Chain Marker	From			To			
Vehicles	Head Car Number		Number of Cars		Equipment						



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



Inspection Form

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

all (b)(6)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160317-WMATA-AAN-1		
	2016	03	17				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Track and Structures	Sub- Department	Track Inspection
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Walking inspection of track between Reagan National Airport Station CM 362+00 and Braddock Road Station CM 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	Inspection Subject				Track and Third Rail Inspection				Activity Code		TRK	WI	PI
Job Briefing Employee Name/Title	Employee [REDACTED] RWIC Level 4			Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1000 1300	Outside Shift	No			
Related Reports				Related CAPS / Findings										
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference					
	MSRPH		General Rules											
	TRST1000													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Line(s)	C-Line	Track Number	1	Chain Marker and/or Station(s)	From		To							
					CM362+00		CM522+50							
Vehicles	Head Car Number		Number of Cars		Equipment									
Description	FWSO Inspector requested to perform a visual inspection of track structure and switches between Reagan National Airport Station and Braddock Road Station. This request was subsequent to an e-mail complaint from a track inspector of conditions in these areas.							Number of Defects		7				
								Recommended Finding?		Yes				
								Remedial Action Required?		Yes				
								Recommended Reinspection?		Yes				

Inspector in Charge - Signature alexander.nepa@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	



United States Department of Transportation
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	<p>During the inspection, the following items were physically identified as defects.</p> <p>Missing third rail covers on track 1 between the following chain marker locations. 409.00 – 423.00 - 424.00 – 426.00 and 455.00</p> <p>At 5A switch CM-372.00 and Reagan Platform Station, track 1, drainage or water-carrying facility obstructed by debris, not draining.</p> <p>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.</p> <p>CM-424+00, 39 feet, marginal tie condition allowing failure of the fastening system to effectively maintain rail stability.</p> <p>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.</p> <p>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.</p> <p>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.</p>		
Remedial Action	Yes		

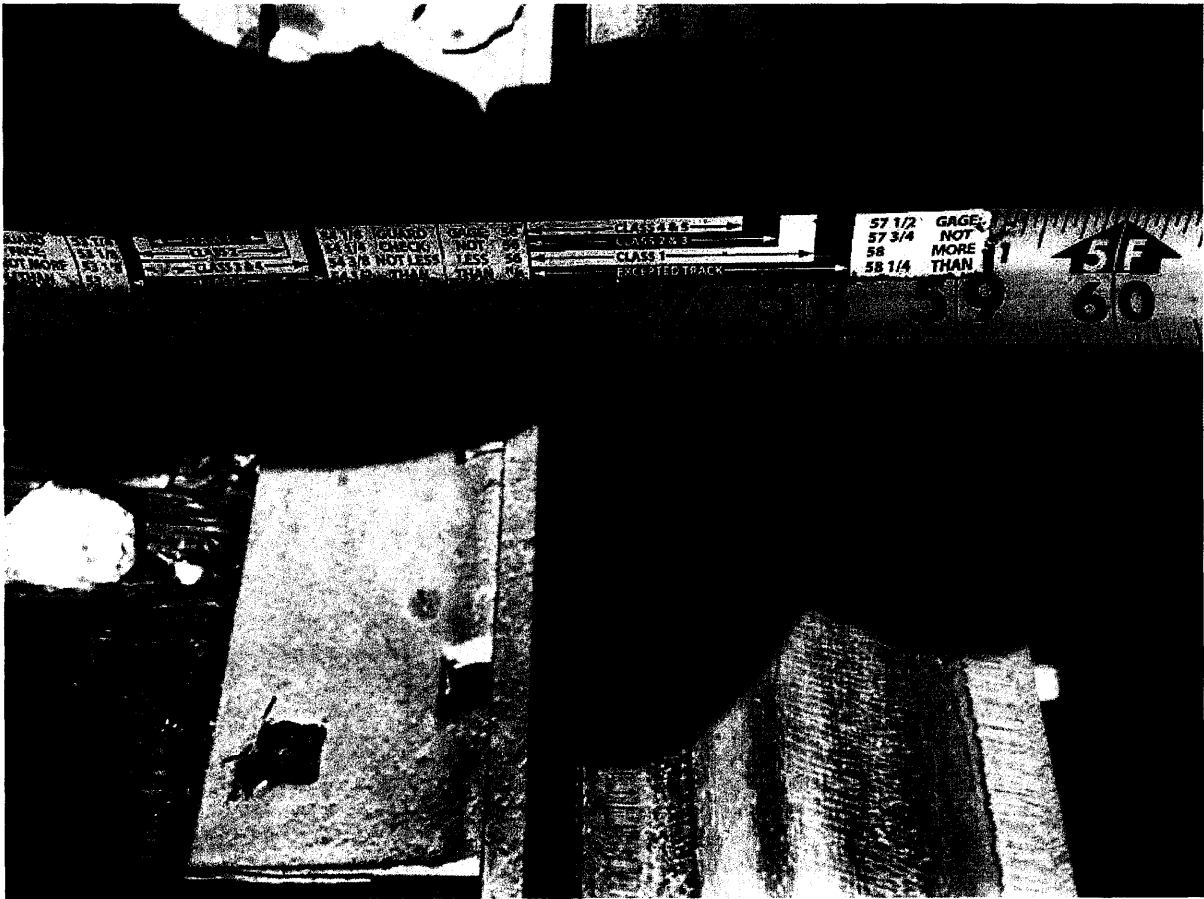
Inspection Activity #	2	Inspection Subject	Switch Inspection				Activity Code	TRK	SW	PI	
Job Briefing Employee Name/Title	Employee [redacted] RWIC Level 4 (5)(6)	Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1000 1300	Outside Shift	No		
Related Reports	Related CAPS / Findings										
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title			Checklist Reference				
	MSRPH	General Rules									
	TRST1000										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Line(s)	C-Line	Track Number	1	Chain Marker and/or Station(s)	From			To			
					CM362+00			CM522+50			
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	FWSO Inspector requested to perform a physical inspection of three (3) switches between Reagan National Airport Station and Braddock Road Station. One switch was at C10, Reagan Airport, and the other two were at C12, Braddock Road. There were no exceptions taken.							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action	No										



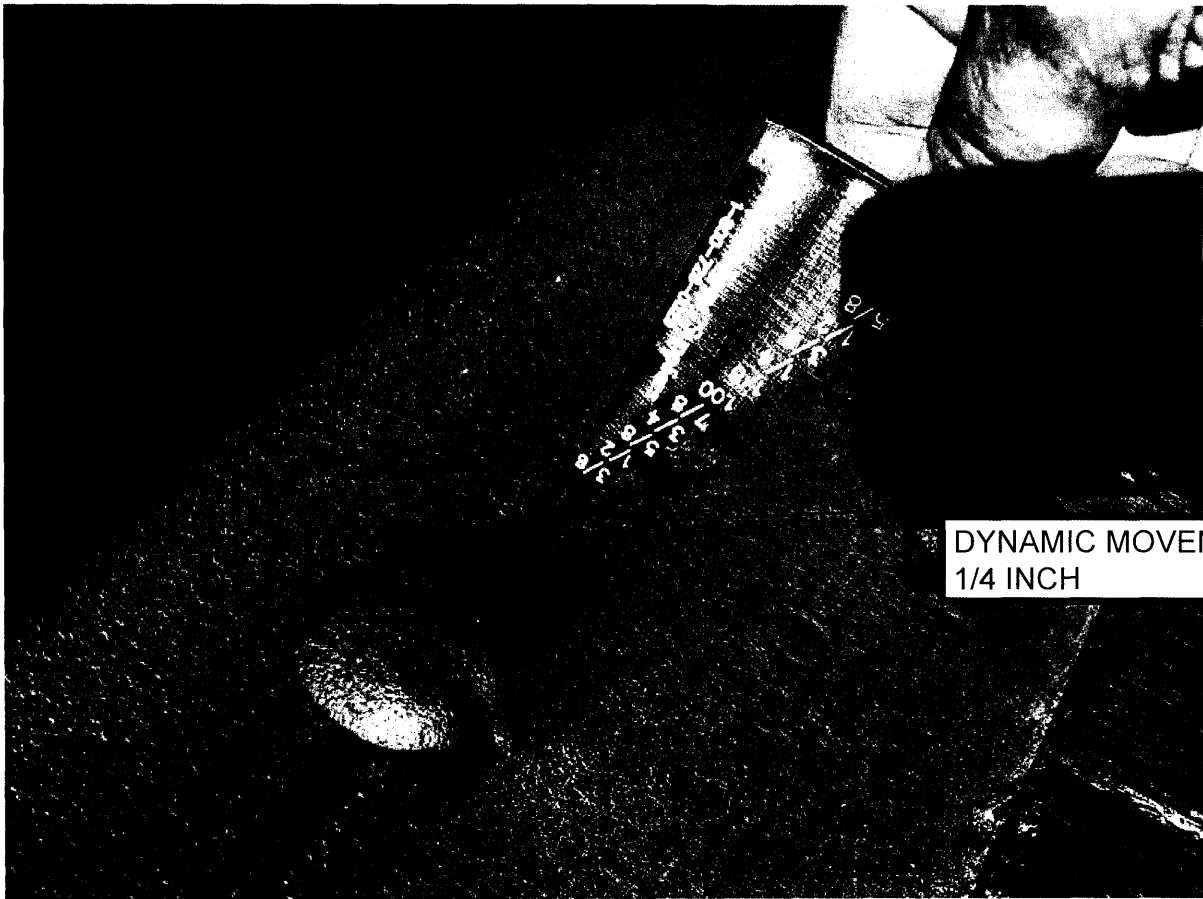
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Inspection Activity #	3		Inspection Subject	Radio Observation			Activity Code	TRK	RAD	OBS	
Job Briefing Employee Name/Title	Employee [redacted] RWIC Level 4 (b)(6)		Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1000 1300	Outside Shift	No	
Related Reports				Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	MSRPH		General Rules								
	TRST1000										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Line(s)	C-Line	Track Number	1	Chain Marker and/or Station(s)	From		To				
					CM362+00		CM522+50				
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	FWSO monitored the radio communication between the RWIC and ROCC Controller. All communications were correct and legible. ROCC made required announcements to railcar operators as well.						Number of Defects		0		
							Recommended Finding?		No		
							Remedial Action Required?		No		
							Recommended Reinspection?		No		
Remedial Action	No										

Inspection Activity #	4		Inspection Subject	Roadway Worker Protection			Activity Code	TRK	RWP	PI	
Job Briefing Employee Name/Title	Employee [redacted] RWIC Level 4 (b)(6)		Accompanied Inspector?	Yes	Out Brief Conducted	No	Time	1000 1300	Outside Shift	No	
Related Reports				Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	MSRPH		General Rules								
	TRST1000		RWPM								
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Line(s)	C-Line	Track Number	1	Chain Marker and/or Station(s)	From		To				
					CM362+00		CM522+50				
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	FWSO and WMATA Supervision met the level four RWIC at Alexandria Yard and we drove to Eisenhower Station riding WMATA to Reagan National Airport Station. Once there, a job briefing was completed, the appropriate forms signed, and a visual verification of RWP WMATA ID was performed. RWIC provided adequate warning of approaching trains and train operators took appropriate actions as specified in the rulebook and RWPM.						Number of Defects		0		
							Recommended Finding?		No		
							Remedial Action Required?		No		
							Recommended Reinspection?		No		
Remedial Action	No										



GAGE MEASUREMENT 56-1/2 INCH STATIC



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

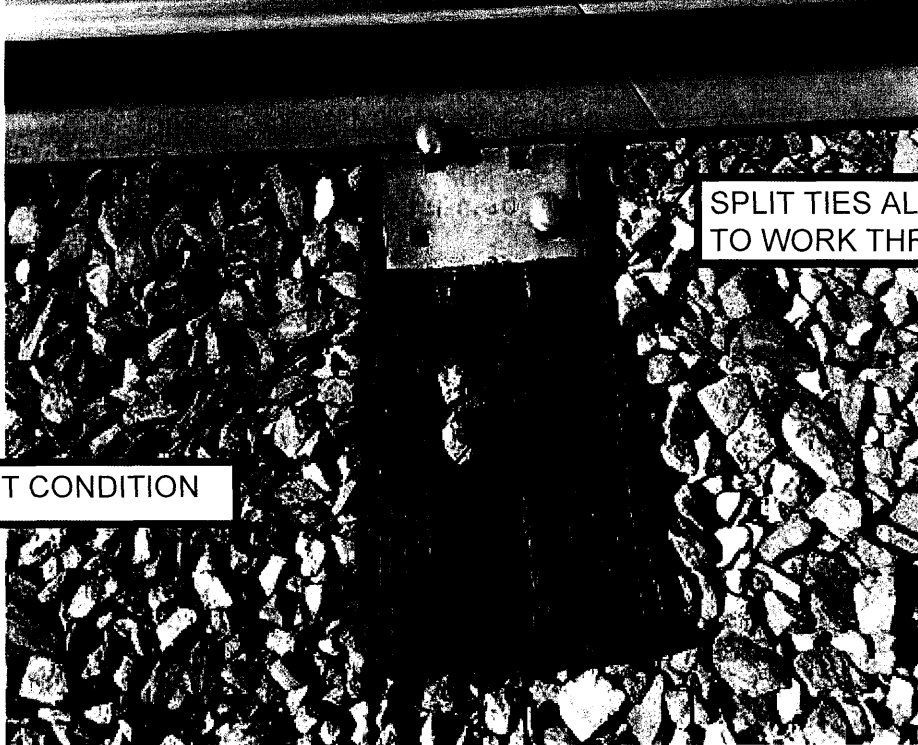


IN EXCESS OF 1/4 INCH
DYNAMIC PLATE MOVEMENT

STEP GAGE MEASUREMENT OF 1/4 INCH TIE PLATE MOVEMENT



SPLIT / DEFECTIVE CROSSTIES



SPLIT TIES ALLOWING BALLAST TO WORK THROUGH

PLATE CUT CONDITION

SPLIT – PLATE CUT CROSSTIE



NON-HOLDING
RAISED SPIKES

SPLIT AND PLATE-CUT
ALLOWING BALLAST

SPLIT CROSSTIE ALLOWING BALLAST TO WORK THROUGH



Inspection Form

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

all (b) (6)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160323-WMATA-MKD-1		
	2016	03	23				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Operations Control Center	Sub-Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Red Line – Rhode Island Avenue to Brooklyn – 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	Inspection Subject					Refusal of Access			Activity Code		ROCC	ACCESS	REF
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	N/A		Out Brief Conducted	N/A		Time	11:05	Outside Shift	No	
Related Reports	Related CAPS / Findings													
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard			Other / Title			Checklist Reference		
	Safety Directive 16-1													
	49 U.S.C. 5329													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Line(s)	Red Line	Track Number	1		Chain Marker and/or Station(s)		From			To				
							Rhode Island Ave.			Brooklyn - CUA				
Vehicles	Head Car Number		Number of Cars			Equipment								
	5111		6											
Description	FWSO introduced myself and presented FTA badge and credentials to the operator prior to boarding at Rhode Island Ave. station and requested that the operator seek permission from ROCC to ride in the operator's cab for further inspections; FWSO was accompanied by [REDACTED] on 03/23/2016. FWSO the proceeded to boarded car lead #5111 at Rhode Island Ave. Station at approx. 11:05 to await ROCC decision. Operator informed FWSO was denied access by the ROCC at the Brooklyn - CUA station with no further instructions to contact the [REDACTED]. FWSO off boarded the train at the Brooklyn – CUA station with Supervisor [REDACTED].										Number of Defects		1	
											Recommended Finding?		No	
											Remedial Action Required?		Yes	
											Recommended Re-inspection?		No	

Inspector in Charge – Signature	MEDENIA DASHIELL	Digitally signed by MEDENIA DASHIELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FRAHQ, cn=MEDENIA DASHIELL Date: 2016.03.23 18:25:24 -0400	Date
Medenia K. Dashiell		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.
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Inspection Form

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United States Department of Transportation
Federal Transit Administration

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160323-WMATA-MKD-02		
	2016	03	23				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Transportation	Sub- Department	Glenmont Div.
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		(b)(6)		
Inspection Location	Red Line from Rhode Island Ave. Station to 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 Inspection			Activity Code		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 Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title		Checklist Reference				
	N/A	MSRPH General Rules 1.14, 1.17, 1.18, 1.19, 1.46-1.52, 1.69-1.84; MSRPH Safety Rules 4.3 SR 4.227; MSRPH Operating Rules 3.119, 3.120, 3.121, 3.121.1, 3.79.1, 3.141, 3.167, 3.168; MSRPH SOPs #4A, #8, #12, #15, #16, #35, #40, #43, #45, #50	N/A	N/A		N/A				

Inspector in Charge – Signature	MEDENIA DASHIELL	Digitally signed by MEDENIA DASHIELL DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FRAHQ, cn=MEDENIA DASHIELL Date: 2016.03.23 22:36:46 -04'00'	Date
Medenia K. Dashiell		03/23/2016	
Inspector in Charge – Name	Inspection Team		
Medenia K. Dashiell			



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Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		X	X	X	<input type="checkbox"/>
Line(s)	Red Line	Track Number	1&2	Chain Marker and/or Station(s)	From		To				
					Greenbelt		Ft. Totten				
Vehicles	Head Car Number		Number of Cars		Equipment						
	6104		6								
Description	<p>FWSO conducted a riding inspection on the Red Line from Rhode Island Ave. to Glenmont Stations and return on tracks 1 and 2. Below are the results of this observation.</p> <p>FWSO boarded Yellow train lead car #6104 (en-route to Ft. Totten) from Greenbelt Station on #2 track at 0830. The operator generally complied with MSRPH and applicable SOPs, including station announcements, proper berthing at the 8 car marker, sounding the horn when exiting and entering tunnel portals, and the 5 second pause prior to opening doors in stations with head out the window.</p>							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action	N/A										

Inspection Activity #	2	Inspection Subject	RTRA Observations			Activity Code		RTRA	GEN	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	Yes	Out Brief Conducted	N/A	Time	0900 to 1430	Outside Shift	No
Related Reports	N/A		Related CAPS / Findings		2-18-A, 2-18-B, 2-19-A, 2-19-B, 2-20-A, 2-21,A, 2-21-B					
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference		
	N/A	N/A		N/A		N/A		N/A		
	RTRA Supervisor Daily Activity Report Instructions and Report									

Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		X	X	X	<input type="checkbox"/>
Line(s)	Red Line	Track Number	1&2	Chain Marker and/or Station(s)	From		To				
					Rhode Island Ave		Glenmont				
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	<p>FWSO met with [REDACTED] at Ft. Totten station and conducted an observation inspection of [REDACTED] in the performance his duties on the Red Line from Rhode Island Ave. to Glenmont Stations and return on tracks 1 and 2. Below are the results of these observations.</p> <p>(b)(5)(b)</p>							Number of Defects		0	
								Recommended Finding?		No	
								Remedial Action Required?		No	
								Recommended Re-inspection?		No	



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	<p>FWSO inspected the Road Supervisors Daily Activity Reports for the Month of March for compliance with RTRA Daily Activity Report Instructions. All reports were filled out. Any failures noted were followed up by the supervisor and the employee. In addition, FWSW noted the RTRA's knowledge and professionalism in handling work related situations with train operators (train operating slow; resolved in cab with operator), dispatchers (train backups, on hand if needed to relief operators at dispatcher's request) and station managers (check log books, rule of the day and emergency passenger report). He not only requested and discussed the rule of the day, but offer additional safety instructions as it pertained to the current issues of the week (the Brussels bombing).</p> <p>No exceptions noted.</p>													
Remedial Action	N/A													
Inspection Activity #	3	Inspection Subject	RTRA Observations				Activity Code		RTRA	RWP	OBS			
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	Yes	Out Brief Conducted	N/A	Time	0900 to 1430	Outside Shift	No				
Related Reports	N/A		Related CAPS / Findings											
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference						
	N/A	N/A		N/A		N/A		N/A						
	TRST 1000													
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	X	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		X	X	X	<input type="checkbox"/>			
Line(s)	Green Line	Track Number	1	Chain Marker and/or Station(s)	From			To						
					Greenbelt									
Vehicles	Head Car Number		Number of Cars		Equipment									
	6076		6											
Description	<p>FWSO on boarded Green Line lead car #6076 at Ft. Totten station enroute to Greenbelt station. The operator generally complied with MSRPH and applicable SOPs, including station announcements, proper berthing at the 8 car marker, sounding the horn when exiting and entering tunnel portals, and the 5 second pause prior to opening doors in stations with head out the window.</p> <p>RWP personnel were noted near the #1 track just prior to the crossover to the #2 track upon arrival into Greenbelt station. No exceptions noted per train operator and RWP personnel.</p> <p>Note: Prior to arriving to Greenbelt station, FWSO noted smoke on the right of way of adjacent freight railroad on the field side of #2 track. While off boarding at</p>						Number of Defects		0					
							Recommended Finding?		No					
							Remedial Action Required?		No					
	Recommended Re-inspection?		No											



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	Greenbelt, the operator stated that he also noted the smoke/fire and reported to the incident ROCC.													
Remedial Action	N/A													
Inspection Activity #	4	Inspection Subject					RTRA Observations			Activity Code		RTRA	TRK	OBS
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	Yes	Out Brief Conducted	N/A	Time	0830 to 1430	Outside Shift	No			
Related Reports	N/A			Related CAPS / Findings										
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title			Checklist Reference				
	N/A		N/A		N/A		N/A			N/A				
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A			
	X	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		X	X	X	<input type="checkbox"/>			
Line(s)	Red Line		Track Number	2	Chain Marker and/or Station(s)		From			To				
							B2+188+08							
Vehicles	Head Car Number		Number of Cars		Equipment									
	7078		8											
Description	During FWSO's riding inspections on the Red Line from Brooklyn – CUA to Rhode Island Ave., FWSO noted a rough ride area at approx. B2+188+08 chainmarker location on #2 track. This location was also noted by the RTRA Supervisor. FWSO will follow up on this track condition concern.							Number of Defects			0			
								Recommended Finding?			No			
								Remedial Action Required?			No			
								Recommended Re-inspection?			YES			
Remedial Action	TRST and FWSO will conduct a follow up inspection of this area.													



Inspection Form

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Federal Transit Administration

Call (b)(6)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160329-WMATA-JMC-1		
	2016	03	29				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Transportation	Sub-Department	Rail Operations Control Center
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	Carmen Turner Facility - Rail Operations Control Center - 3500 Pennsy Drive, Hyattsville, 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	Inspection Subject				General Meeting				Activity Code	ROCC	GEN	OBS
Job Briefing Employee Name/Title	N/A			Accompanied Inspector?	N/A		Out Brief Conducted	Yes	Time	0300-0900	Outside Shift	Yes	
Related Reports					Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	MSRPH		1.69-1.79										
	ROCC Manual												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
				X								X	
Line(s)	Track Number		Chain Marker		From				To				
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	FWSO met with Assistant Superintendent [REDACTED]. During the meeting, both parties discussed the repeat backs and permissive blocks. 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							Number of Defects		0			
								Recommended Finding?		No			
								Action Required?		No			
								Recommend Reinspection?		No			

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 -0400'	Date	March 29, 2016
Inspector in Charge - Name	Jim Cassatt	Inspection Team	Jim Cassatt	



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

Inspection Activity #	2	Inspection Subject					Repeat Backs/Radio Procedures			Activity Code	ROCC	RAD	OBS
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0300-0900	Outside Shift	Yes
Related Reports						Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	MSRPH		1.73, 1.79										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
				X								X	
Line(s)	ROCC		Track Number	Chain Marker		From			To				
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	<p>FWSO observed and monitored ROCC Controllers compliance with radio rules and monitored radio transmissions. Controllers re-enforced read backs with maintenance workers and operators. The following radio transmissions were noted:</p> <ul style="list-style-type: none"> An unknown employee made an unnecessary communication at 6:55 a.m. "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 Operator failed to notify ROCC that speed commands returned as per SOP#15 and MSRPH 3.79. 							Number of Defects		3			
								Recommended Finding?		Yes			
								Remedial Action Required?		No			
								Recommend Reinspection?		Yes			
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 request closure is Jan 2017.												

Inspection Activity #	3	Inspection Subject					Shift Transfers			Activity Code	ROCC	ST	PI
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0300-0900	Outside Shift	Yes
Related Reports						Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
				X								X	
Line(s)	Blue/Yellow/Green		Track Number	Chain Marker		From			To				
Vehicles	Head Car Number		Number of Cars		Equipment								



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Description	FWSO performed a physical inspection of the Activity Log Books located at 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 detailed explaining maintenance forces working and current trains on the territory was discussed. The transfer was signed by all parties involved.	Number of Defects	0	
		Recommended Finding?	No	
		Remedial Action Required?	No	
		Recommend Reinspection?	No	
Remedial Action	N/A			



Inspection Form

Form FTA-IR-1

United States Department of Transportation
Federal Transit Administration

all (A)(6)

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20160330-WMATA-JMC-1		
	2016	03	30				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Transportation	Sub-Department	Greenbelt Subdivision
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	WMATA Greenbelt Yard, 5801 Sunnyside Ave, Beltsville, MD 20705						

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	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

Inspection Activity #	1	Inspection Subject					General Meeting			Activity Code	RTRA	GEN	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0800-1300	Outside Shift	No			
Related Reports						Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	MSRPH		1.69-1.79										
	ROCC Manual												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
					X							X	
Line(s)	Greenbelt Yard Green Line		Track Number	Chain Marker	From			To					
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	FWSO met with Interlocking Operator [REDACTED] Operator Trainee [REDACTED] Mr. [REDACTED] met with new Train Operators and explained the duties of Interlocking Operators and Train Operations. Mr. [REDACTED] met with Yard Operators and had a safety briefing regarding Bomb Threats (SOP#14).							Number of Defects		0			
	FWSO monitored train movement, radio communications and the Greenbelt Interlocking. The Operators performed their duties as per SOP's, Metrorail Safety							Recommended Finding?		No			
								Action Required?		No			
								Recommend Reinspection?		No			

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: 2016.03.31 19:07:32 -04'00'	Date March 30, 2016
Inspector in Charge - Name Jim Cassatt	Inspection Team Jim Cassatt		



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	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	Inspection Subject					Repeat Backs/Yard Observations	Activity Code	RTRA	RAD	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0800-1200	Outside Shift	Yes	
Related Reports			Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MSRPH	1.73, 1.79									
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X						
Line(s)	Greenbelt Yard Green Line		Track Number	Chain Marker		From		To			
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	FWSO observed and monitored the Greenbelt Interlocking Operator and Train Operators for compliance with radio rules and monitored radio transmissions. Proper repeat backs were given for absolute block movement, instructions and other instructions regarding employee movement within Greenbelt Yard. Operators made the proper safety stops in the yard as required.						Number of Defects		0		
							Recommended Finding?		No		
							Remedial Action Required?		No		
							Recommend Reinspection?		No		
Remedial Action	N/A										

Inspection Activity #	3	Inspection Subject					Yard observations	Activity Code	RTRA	RC	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0800-1200	Outside Shift	Yes	
Related Reports			Related CAPS / Findings								
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X									
Line(s)	Greenbelt Yard		Track Number	Chain Marker		From		To			
Vehicles	Head Car Number		Number of Cars		Equipment						
Description	FWSO observed equipment in Greenbelt Yard in tracks 1-14 clear of foul points. Also						Number of Defects		0		



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	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		



Inspection Form

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United States Department of Transportation
Federal Transit Administration

Agency/Department Information

All (b)(6)

Inspection Date	YYYY	MM	DD	Report Number	20160331-WMATA-JMC-1		
	2016	03	31				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Rail Transportation	Sub-Department	Largo Subdivision
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	WMATA Largo Town Center, 9000 Lottsford Road, Largo, MD 20705						

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	12	1	1					
Defects (Number)	0	2	0					
Recommended Finding	No	Yes	No					
Remedial Action Required?	No	Yes	No					
Recommend Reinspection	No	Yes	No					

Individual Inspection Activity

Inspection Activity #	1	Inspection Subject					General Meeting			Activity Code	RTRA	GEN	OBS
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0300-0900	Outside Shift	Yes			
Related Reports						Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference				
	MSRPH		1.69-1.79										
	ROCC Manual												
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
					X							X	
Line(s)	Largo Blue/Silver Line		Track Number	Chain Marker			From		To				
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	FWSO met with Terminal Supervisor [REDACTED]. Mr [REDACTED] met with Operators and had job safety briefing when they came on duty.							Number of Defects		0			
	FWSO monitored train movement, radio communications at Largo Block House. The Operator performed his duties as per SOP's, Metrorail Safety Rules and Procedures Handbook and train movements.							Recommended Finding?		No			
								Action Required?		No			
								Recommend Reinspection?		No			

Inspector in Charge - Signature		James Cassatt, Jr					Date		March 31, 2016		
Inspector in Charge - Name		Jim Cassatt					Inspection Team		Jim Cassatt		

Digitally signed by James Cassatt, Jr
DN: cn=James Cassatt, Jr, o=FRA, ou=DOT, email=james.cassatt@dot.gov,
c=US
Date: 2016.04.01 13:55:32 -0400



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

Inspection Activity #	2	Inspection Subject					Repeat Backs/Observations	Activity Code	RTRA	RAD	OBS		
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0300-0900	Outside Shift	Yes
Related Reports						Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title			Checklist Reference			
	MSRPH	1.73, 1.79											
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X		X							X	
Line(s)	Largo Blue/Silver Line	Track Number		Chain Marker	From			To					
Vehicles	Head Car Number		Number of Cars		Equipment								
Description	<p>FWSO observed and monitored the Largo Terminal Supervisor and Train Operators for compliance with radio rules and monitored radio transmissions. Proper repeat backs were given for Permissive block movement, radio checks and other instructions regarding employee movement within Largo Station. The following non-compliance was noted:</p> <ol style="list-style-type: none"> At 4:11 a.m. an employee on the road channel failed to switch to the proper radio channel. The ROCC notified the employee. 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. 							Number of Defects		2			
								Recommended Finding?		Yes			
								Remedial Action Required?		Yes			
								Recommend Reinspection?		Yes			
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 request closure is Jan 2017												

Inspection Activity #	3	Inspection Subject					Transfer	Activity Code	RTRA	ST	OBS/PI		
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	0300-0900	Outside Shift	Yes
Related Reports						Related CAPS / Findings							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title			Checklist Reference			
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	FTA Office	Track Type	At-grade	Tunnel	Elevated	N/A		
			X		X							X	
Line(s)	Largo/Blue Silver Line	Track Number		Chain Marker	From			To					



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Vehicles	Head Car Number	Number of Cars	Equipment		
Description	FWSO also observed the transfer of the third to first shift Rail Supervisor. The transfer was well detailed explaining current trains on the territory was discussed including train delays due to single tracking.			Number of Defects	0
				Recommended Finding?	No
				Remedial Action Required?	No
				Recommend Reinspection?	No
Remedial Action	N/A				