



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20210325-WMATA-LBW-1		
	2021	03	25				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	ATC	Sub-Department	Operations
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	BRAVO Line - Union Station (B03), NOMA Gallaudet (B35) and Rhode Island Ave (B04)						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-RI-OBS					
Inspection Units	1					
Inspection Subunits	0					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required¹	No					
Recommended Reinspection	NO					

Activity Summaries



Inspection Activity #	1	Inspection Subject	Train speed command verification				Activity Code	RTRA	RI	OBS	
Job Briefing Employee Name/Title	N/A		Accompanied Inspector?	No	Out Brief Conducted	No	Time	1200	Outside Shift	Yes	
Related Reports	N/A		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	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X	X	X	
Line(s)	BRAVO	Track Number	1 & 2	Chain Marker and/or Station(s)	From			To			
					NA			NA			
Vehicles	Head Car Number		Number of Cars		Equipment						



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Description	<p>The WMSC Inspector conducted a riding inspection on the BRAVO line between Union Station (B03), NOMA Gallaudet (B35) and Rhode Island Ave (B04). This inspection resulted from a SAFE I-3 notification (A collision involving a rail vehicle on the mainline, yard or shop that does not result in a fatality, serious injury or substantial property damage. Not involving another rail vehicle) received Thursday, February 11, 2021. The WMSC received notification that at approximately 14:35 hours: Train #106 reported making contact with a CSX fence as it proceeded through Brentwood Yard (B99) territory on track #1. This incident led to the WMSC identifying the lack of an intrusion detection warning system between Union Station and Rhode Island Avenue in the common corridor shared with Amtrak/CSX.</p>	Number of Defects	0
		Recommended Finding?	No
		Remedial Action Required?	No
	<p><i>A common corridor is a shared transportation Roadway such as where Metrorail runs in the median strip of an interstate highway or adjacent to or between railroad tracks.</i></p> <p><i>An Intrusion Detection and Warning System consists of breakable cables which are attached to the chain link fences which separate the Metrorail Tracks, Railroad Tracks, or Vehicle Traffic Road, along the Metrorail Roadway. The IDW system will indicate the location of an intrusion of WMATA Equipment, Railroad Equipment, or Road Vehicles which impact</i></p>	Recommended Reinspection?	No



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

or penetrate the fence and intrude into the Roadway of the other. In addition, the IDW will initiate zero Speed commands in the affected area to stop trains in the immediate vicinity.



The WMSC inspector was verifying the implantation of reduced train speed commands on track 1 between B03 and B04. During the inspection train speeds were verified on both tracks 1 and 2. The inspector notified the Rail Operations Control Center (ROCC) via telephone prior to performing the riding inspection. The inspector contacted each train operator (T/O) after the train stopped and opened the train doors to service the station. Due to social distancing, the WMSC inspector did not enter the operator’s cab area and verified all readouts through the T/O door.

Train ID 108 – Lead Car 7342

Track 2 Rhode Island Ave Station (RI) (inbound)
Departing RI Station 44mph
Entering NoMa Gallaudet 35mph
Departing NoMa Gallaudet 35mph
Entering Union Station 40mph

Train ID 120 – Lead Car 7420

Track 1 Union Station (outbound)
Departing Union Station 39mph
Entering NoMa Gallaudet 35mph
Departing NoMa Gallaudet 35mph
At B1 126+00 drops to 28mph
At B1 128+00 drops to 18mph
At B1 129+00 increases to 28mph
Increases to 50 entering Rhode Island Ave Station

Train ID 111 – Lead Car 7332

Track 2 Rhode Island Ave Station (RI) (inbound)
Departing RI Station 44mph
Entering NoMa Gallaudet 35mph
Departing NoMa Gallaudet 35mph
Entering Union Station 40mph

Train ID 124 – Lead Car 7404

Track 1 Union Station (outbound)
Departing Union Station 39mph
Entering NoMa Gallaudet 35mph
Departing NoMa Gallaudet 35mph
At B1 126+00 drops to 28mph
At B1 128+00 drops to 18mph



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

	<p>At B1 129+00 increases to 28mph Increases to 50 entering Rhode Island Ave Station</p> <p>The WMSC inspector verified that WMATA Automatic Train Control (ATC) turned the speed couplers thereby reducing the speed commands to no greater than 35mph on the BRAVO line track 1 between Union Station (B03) and Rhode Island Ave (B04)</p>		
Remedial Action	N/A		

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

Inspector in Charge – Signature	Date 03/25/21
Inspector in Charge – Name Bruce Walker	Inspection Team Bruce Walker