



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20200102-WMATA-JMW		
	2020	02	01				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	WMATA	Sub- Department	TRST
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	██████████ ██████████		██████████ ██████████		██████████		██████████ ██████████
Inspection Location	A Line track #2 between CM A2 389+00+/- to CM A2 298+00+/-.						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-OBS-WI					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	3					
Recommended Finding	YES					
Remedial Action Required¹	YES					
Recommended Reinspection	NO					

Activity Summaries

Inspection Activity #	1	Inspection Subject	Insulator/Tunnel Leak Inspection				Activity Code			TRK	OBS	WI
Job Briefing Employee Name/Title	WMATA RWIC/Compliance Group			Accompanied Inspector?	YES	Out Brief Conducted	YES	Time	2200-0400	Outside Shift	YES	
Related Reports	N/A			Related CAPS / Findings		FTA 17-1-12 (Track Bed Cleaning) FTA 17-1-17 (Insulator Cleaning/Installation)						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard			Other / Title		Checklist Reference		
	RWPM		SR 4.72									
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A	
	X								X			
Line(s)	A	Track Number	2	Chain Marker and/or Station(s)			From		To			
							A2 389+00+/-		A2 298+00+/-			
Vehicles	Head Car Number		Number of Cars		Equipment			N/A				
	N/A		N/A									
Description								Number of Defects		3		



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	<p>WMSC personnel under the protection of a WMATA RWIC, continued a series of track inspections in regards to arcing insulators, CAP FTA 17-1-12 and CAP FTA 17-1-17. The inspection performed on February 1st, 2020, took place on the A Line track #2 between CM A2 389+00+/- to CM A2 298+00+/-.</p> <p>Notable Observations:</p> <ol style="list-style-type: none"> 1. Four revenue trains and an employee train were found to be in compliance with speeds pass roadway workers during this inspection. 2. CM A2 388+00+/- Mud, debris and water under contact rail, insulators and in the road bed. 3. CM A2 387+30+/- Cracked insulator 4. CM A2 375+05+/- CM 374+00+/- Improper house cleaning practices. Old insulators spread out on the safety walk. 5. CM A2 363+00+/- CM A2 359+40+/- Clogged invert. Invert is covered with trash, debris, and mud. 6. CM A2 345+40+/- Improper house cleaning with more replaced insulators on the safety walk. 7. CM A2 344+80+/- Cracked Insulator 8. CM A2 340+00+/- CM 341+00+/- Trash, debris, water, and mud surrounding the vent shaft area. 9. CM A2 334+15+/- Deteriorating grout pads under fasteners 10. CM A2 328+60+/- Third rail insulators and no grout pad under contact rail. 11. CM A2 308+00+/- CM 306+/- No coverboards 	<p>Recommended Finding?</p> <p>YES</p>	<p>Remedial Action Required?</p> <p>YES</p>
		<p>Recommended Reinspection?</p> <p>YES</p>	
Remedial Action	<p>After inspection of this location it appears that recently there were many insulators recently replaced. However, the old insulators were not removed from the system but placed on the safety walk. Also, noticeable at this location were persistent leaks, and water intrusion on the top of the rail at various locations throughout. Metrorail must make more of an effort to mitigate water from reaching the top of rail in its tunnels or find ways to shift the flow of water towards drains or areas. Metrorail must ensure efforts are made in cleaning up work locations after work is performed. Furthermore, more efforts should be taken to replace coverboards as soon as possible.</p>		
Effective Practices			

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 Jemayne M Walker		Date
		2/18/2020
Inspector in Charge – Name	Inspection Team	
Jemayne M Walker	Jemayne M Walker WMATA Inspections	



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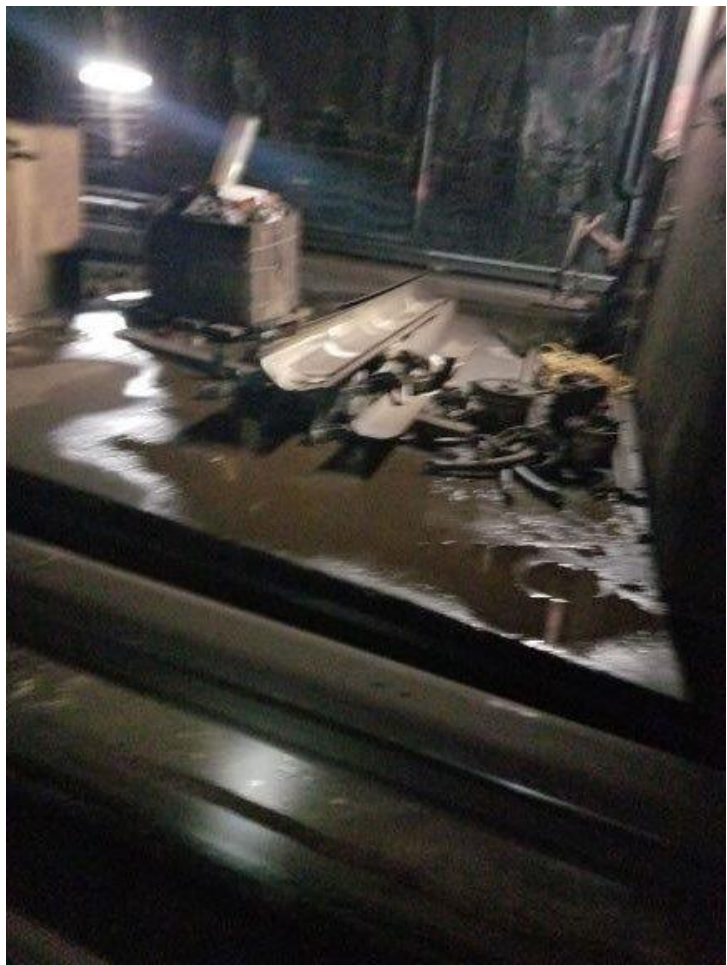




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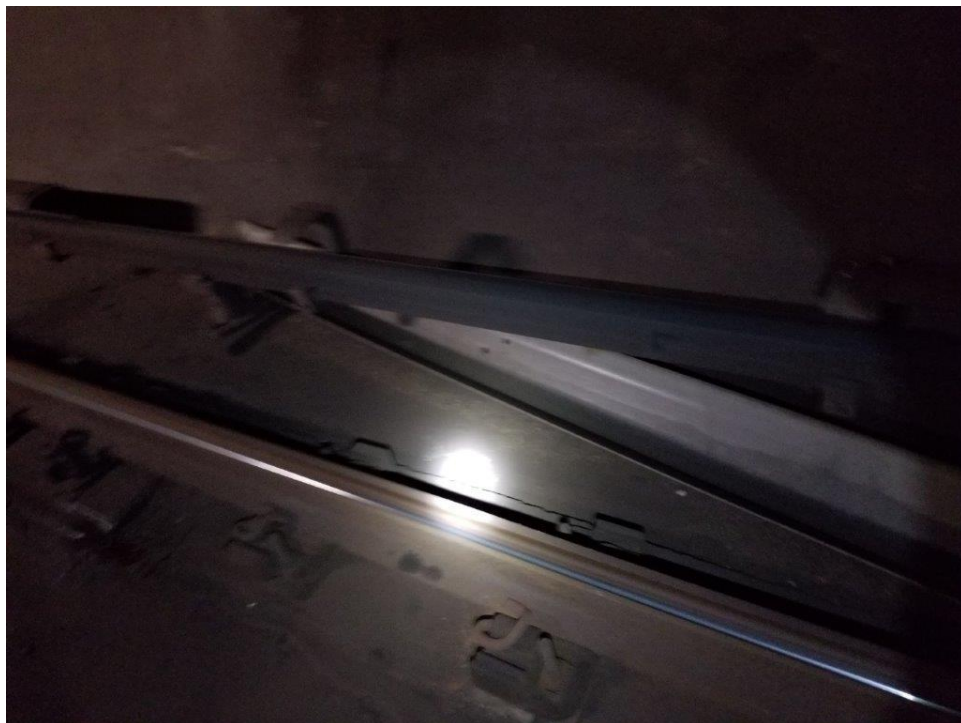




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