



## Inspection Form

**Form WMSC-IR-1**

Washington Metrorail Safety Commission

### Agency/Department Information

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20191212-WMATA-KEK-13		
	2019	12	12				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	ATC	<b>Sub- Department</b>	Yard ATC Crews
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>	<b>Office Phone</b>		<b>Mobile Phone</b>	
	[REDACTED]		[REDACTED]	[REDACTED]		[REDACTED]	
	[REDACTED]		[REDACTED]	[REDACTED]		[REDACTED]	
<b>Inspection Location</b>	E99 Greenbelt Yard – TCR (Y-145) - 5801 Sunnyside Ave, College Park, MD 20740						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	STC-OBS-RM					
<b>Inspection Units</b>	6 gate arms					
<b>Inspection Subunits</b>	0					
<b>Defects (Number)</b>	5					
<b>Recommended Finding</b>	5					
<b>Remedial Action Required<sup>1</sup></b>	YES					
<b>Recommended Reinspection</b>	YES					

### Activity Summaries

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Monthly Crossing Inspection – ATC Test 1014-A				<b>Activity Code</b>		STC	OBS	RM
<b>Job Briefing Employee Name/Title</b>	WMATA RWIC – [REDACTED]	<b>Accompanied Inspector?</b>	YES	<b>Out Brief Conducted</b>	YES	<b>Time</b>	2230pm	<b>Outside Shift</b>	YES		
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A						
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>	<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>			
	Radio Communication			ATC – 1000				Form 1014			
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>WMSC Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>
		X						X			
<b>Line(s)</b>	Green-Line	<b>Track Number</b>		<b>Chain Marker and/or Station(s)</b>	<b>From</b>			<b>To</b>			
					Yard Tracks			Yard Tracks			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>	N/A					
	N/A		N/A								
<b>Description</b>	Test could not be performed due to crossing failure. East gate down. Logic failure.						<b>Number of Defects</b>		#		

<sup>1</sup> 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.

<b>Inspector in Charge – Signature</b>	<b>Date</b>
KEMMERY E. KENDRICK	12. 12. 2019
<b>Inspector in Charge – Name</b>	<b>Inspection Team</b>
KEMMERY E. KENDRICK	Washington Metrorail Safety Commission



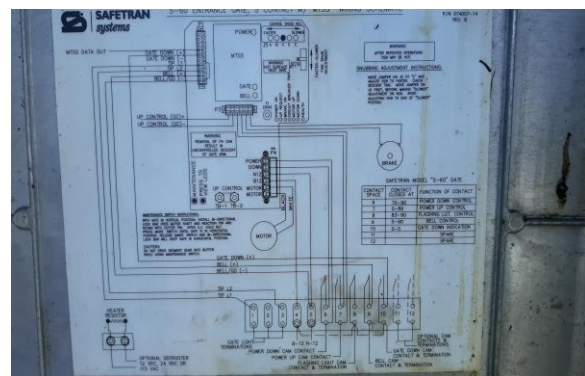
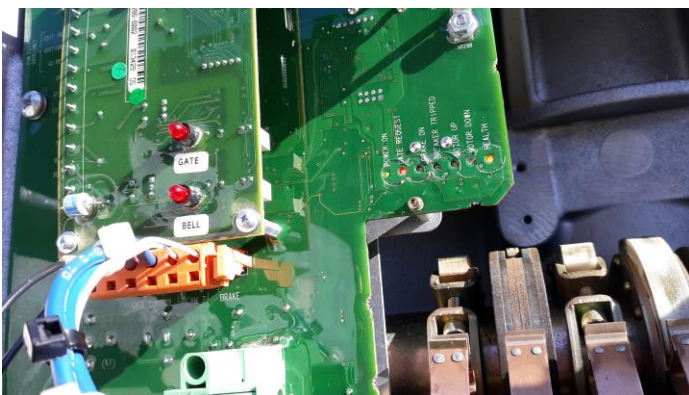
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	<p>Will reschedule 30 days. Allowing WMATA to obtain appropriate parts needed to bring crossing up to industry standards.          Began inspections approximately 1031am. Left yard to have ATC department to restore crossing to proper working order approximately 1430pm.          Observations to note;</p> <ol style="list-style-type: none"> <li>1. WMATA needs to order new gate arms immediately. Please see pics.</li> <li>2. No replacement parts; gate arms or lights for gates. (Replacements ordered 2 months ago, reportedly.)</li> <li>3. Lights on gate arms of old crossing gates steady lite, making them out of standard. Should be corrected immediately to oscillate in sequence with rondels.</li> <li>4. No plans at crossing. Plans at ATC location 500ft away</li> <li>5. Prints of crossing layout should be placed in crossing case with changes marked appropriately with contractors' changes</li> </ol>	<p><b>Recommended Finding?</b></p> <p>YES</p>	<p><b>Remedial Action Required?</b></p> <p>YES</p>
		<p><b>Recommended Reinspection?</b></p> <p>YES</p>	
<b>Remedial Action</b>	<ol style="list-style-type: none"> <li>1. Reinspection crossing within 30 days.</li> </ol> <p><u><b>APTA Guidelines for WMATA</b></u></p> <ol style="list-style-type: none"> <li>2. <b>APTA RT-RGC-S-001-02, Rev. 22.</b> - Plans Detailed circuit and layout plans depicting the current "as-in-service" condition are required for inspecting, maintaining and testing rail grade crossing warning systems. Plans shall be kept at each highway rail grade crossing warning system. Plans shall be stored in a waterproof and secure container. Plans shall be legible and correct and contain no more than one set of field revisions.</li> <li>3. APTA RT-RGC-S-001-02 – <b>Section - 2.12</b> Records retention Records shall be maintained as determined by the RTS and State Safety Oversight Policy.</li> <li>4. APTA RT-RGC-S-001-02 – <b>Section - 4.7</b> Gate arm lights and light cable Each gate arm light or LED unit shall be designed specifically for use on a gate arm and maintained in such condition to be properly visible to approaching highway users. Light or LED units and required wire shall be properly secured to the gate arm.</li> <li>5. APTA RT-RGC-S-004-03, Rev. 2 -<b>Section - 2.2.4</b> Processor-based systems Where new or novel technology is being used with processor-based systems, or where highway-rail grade crossing equipment provides safety-critical data to a signal or train control system, rail transit properties should consider guidance provided by <b>49 CFR 234.275</b></li> <li>6. APTA RT-RGC-S-004-03, Rev. 2 – <b>Section - 2.2.8</b> Flashing light units Flashing light units must conform to AREMA Communications and Signal Manual, 3.2.35.</li> </ol>		

Photos:..





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