Office: 202-384-1520 • Website: www.wmsc.gov

WMSC Commissioner Brief: W-0263 - Serious Injury - D&G Junction (Blue, Orange, Silver Line) - October 7, 2023

Prepared for Washington Metrorail Safety Commission meeting on April 9, 2024

Safety event summary:

A Metrorail Track and Structures crew replacing rails at a switch where the Blue, Orange and Silver Lines diverge east of Stadium-Armory Station (a junction Metrorail refers to as the D&G Junction based on the internal letter designations of the lines that meet there) in the early morning hours of Saturday, October 7, 2023, did not secure rail on the catwalk, and the rail then fell on a crew member, breaking that crew member's leg. During the response to the injury, Metrorail and first responders experienced challenges removing the injured crew member from Stadium-Armory Station (the station was closed at the time due to the event occurring at approximately 4:38 a.m. and Metrorail not opening to passengers on Saturdays until 7 a.m.).

The Track crew had installed the stock rail, then put the switch point partially on the catwalk on the elevated structure at this location after lifting the switch point off of the Rail Maintenance Machine that they used to bring the rails to the site. The Roadway Worker In Charge stated that in an effort to complete work more quickly, they decided to attempt to switch the lifting strap used to place the switch point partially on the catwalk for rail dogs/tongs (lifting clamps) while the rail was partially on the catwalk. When one of the workers removed the hook from the strap to put it on the rail dog, the rail slid off the catwalk onto their left leg. The crew used the crane to move the switch point off of the injured worker. The Roadway Worker In Charge reported the emergency over the radio as required at 4:38 a.m.

The Radio Rail Traffic Controller conferred with the Control Center's Assistant Operations Manager, who directed that the crew move the injured employee on a Roadway Maintenance Machine to the Stadium-Armory Station platform to get the quickest medical care. The work crew arrived at the station platform at 4:54 a.m. The Radio Rail Traffic Controller instructed the Roadway Worker In Charge to open the station so that D.C. Fire and EMS responders would be able to reach the injured employee.

However, the Metrorail Safety Department's Mission Assurance Coordinator incorrectly told D.C. Fire and EMS and the Metro Transit Police Department (MTPD) that the injured employee was outside of the station.

After D.C. Fire and EMS arrived at the station, the Metrorail crew reported that the first responders could not take the injured employee to the hospital due to the elevators being turned off overnight.

At 5:45 a.m., the crew was able to get the injured worker to the street level outside the station via the escalator, and the employee was taken to the hospital.

Metrorail reported this serious injury to the Occupational Safety and Health Administration (OSHA), as well as to the WMSC and Federal Transit Administration (FTA).

Probable Cause:

The probable cause of this event was the effort to conduct work more quickly, without following rail lifting and securement safety practices.





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Corrective Actions:

Metrorail developed and distributed a lessons learned document for Track and Structures personnel highlighting the importance of being vigilant when heavy machinery, equipment, and tools are unsecured in a work zone.



Washington Metropolitan Area Transit Authority Department of Safety (SAFE) Office of Safety Investigations (OSI)

FINAL REPORT OF INVESTIGATION A&I E23703

Date of Event:	October 7, 2023
Type of Event:	A-2 - Serious Injury
Incident Time:	04:38 hours
Location:	D&G Junction – Chain Marker D2 271+00
Time and How received by SAFE:	04:41 hours - Mission Assurance Coordinator (MAC)
WMSC Notification Time:	05:45 hours
Responding Safety Officers:	None
Rail Vehicle:	Prime Mover (PM-47)
Injuries:	Left leg fracture
Damage:	None
Emergency Responders:	District of Columbia Fire and Emergency Medical
	Services (DCFEMS)
	Metro Transit Police Department (MTPD)
SMS I/A Number	20231007#111965MX

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report – Serious Injury Rev. 1

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D & G Junction – Serious Injury

October 07, 2023

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Abbreviations and Acronyms

AIMS Advanced Information Management System

AOM Assistant Operations Manager

ARS Audio Recording System

CCTV Closed-Circuit Television

DCFEMSDistrict of Columbia Fire and Emergency Medical Services

ELES Office of Elevators and Escalators Services

MAC Mission Assurance Coordinator

MICC Metro Integrated Communications Center

MOR Metrorail Operating Rulebook

MTPD Metro Transit Police Department

NOAA National Oceanic and Atmospheric Administration

OSI Office of Safety Investigations

PM Prime Mover

RTC Rail Traffic Controller

RTRA Office of Rail Transportation

RWIC Roadway Worker in Charge

SAFE Department of Safety

SMS Safety Measurement System

TRST Office of Track and Structures

WMATA Washington Metropolitan Area Transit Authority

WMSC Washington Metrorail Safety Commission

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Washington Metropolitan Area Transit Authority Department of Safety – Office of Safety Investigations

Executive Summary

*Note that all times listed are approximate and may contain minor variations due to differences between systems of record. *

On Saturday, October 7, 2023, at 04:38 hours, an Office of Track and Structures (TRST) Roadway Worker in Charge (RWIC) contacted the Metro Integrated Command and Communications Center (MICC) with an emergency transmission. The TRST RWIC reported that while working in the work zone at the D&G Junction an employee suffered a broken left leg. The injury occurred because of a rail switch that fell from the catwalk, striking the employee's leg.

The Button Rail Traffic Controller (RTC) instructed the RWIC to utilize the work crew to carry and transport the injured employee via Prime Mover (PM) 47 to Stadium-Armory Station for medical attention.

The Metro Transit Police Department (MTPD) dispatcher was notified by the Radio RTC of the event and dispatched units to Stadium Armory Station. MTPD and District of Columbia Fire and Emergency Medical Services (DCFEMS) were notified and dispatched by the Assistant Operations Manager.

Emergency responders were able to locate the injured employee on the street level of Stadium Armory Station. The employee was transported to The George Washington University Hospital with injuries to their left leg.

There was no damage resulting from this event.

The probable cause of the Serious Injury event on October 7, 2023, at D&G Junction was the unsecured position of the switch point rail on the catwalk, resulting in injury to the employee's left leg. The lack of proper securing measures by a crew member during the process of changing straps to move the rail contributed to the incident.

Incident Site

D&G Junction Track#2 Chain marker D2 - 271+00

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Field Sketch/Schematics



The above depiction is not to scale.

Purpose and Scope

The purpose of this accident investigation and candid self-evaluation is to collect and analyze available facts, determine the probable cause(s) of the incident, identify contributing factors, and make recommendations to prevent a recurrence.

Investigative Methods

The investigative methodologies included the following:

- Site assessment, video, and documents review.
- Informal Interviews Collected through conversations with individuals during the investigation to provide background and supporting information. Written statements were reviewed from personnel present during the event.
 - Track Repairer AA
 - Equipment Operator
 - RWIC
- Documentation Review A collection of relevant work history information and process documentation contained in Metro systems of record. These records include:
 - Metrorail Operating Rulebook (MOR)
 - National Oceanic and Atmospheric Administration (NOAA)
 - Roadway Work in-Charge (RWIC)
 - Metro Transit Police Department Incident Report
- System Data Recording Review A collection of information contained in Metro Data Recording Systems. This data includes:
 - Audio Recording System (ARS) playback, including OPS 2, MTPD 1x
 - Closed-circuit Television (CCTV)
 - Open MHZ

Investigation

On Saturday, October 7, 2023, a TRST work crew was conducting emergency interlocking maintenance, changing the switch point, on track 2 at the D&G Junction. At 04:38 hours, a TRST RWIC radioed the MICC with an emergency transmission and reported that an employee,

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Laborer, broke their leg at the D&G Junction. After the TRST crew installed the stock rail, they put the switch point on the catwalk because of the third rail cables that were on the ground. The RWIC made the decision, in the interest of time, to switch out the strap for the rail dogs while the rail was on the catwalk. When the injured employee removed the hook from the strap to put it on the rail dog, the rail slid off the catwalk onto their left lower leg.

The Audio Recording System (ARS) revealed that at 04:38 hours, a TRST RWIC broadcasted an emergency transmission to the MICC regarding an injured employee with a broken leg at D98-D2 CM 271+00.

At 04:39 hours, the Radio RTC notified the Assistant Operations Manager (AOM) of the injured employee at the D&G Junction. The AOM instructed the Button RTC to advise the RWIC to move the injured employee to Stadium-Armory Station via PM-47 for medical treatment. The Button RTC then instructed the RWIC to utilize the work crew and to transport the injured employee via PM-47 to Stadium-Armory Station for medical attention.

At 04:54 hours, the RWIC advised that the work crew and injured employee arrived at Stadium-Armory Station. At 05:08 hours, DCFEMS arrived at Stadium-Armory Station to assist the injured employee.

At 05:14 hours, the TRST RWIC contacted the Button RTC to advise that DCFEMS were on the scene but could not get to the injured employee because the elevators were off, and they could not use the stretcher on the escalator. The Button RTC advised the TRST RWIC that they dispatched the Office of Elevator and Escalator Service (ELES) personnel, but their arrival may take some time.

At 05:25 hours, the MAC contacted the MTPD Dispatch to request an additional MTPD Officer to go to the station entrance to assist additional emergency responders entering the station as well as inquire if an MTPD Officer was able to turn on an elevator so the injured employee could be transported out of the station.

At 05:45 hours, the DCFEMS emergency responders were able to locate and treat the injured employee on the street level of Stadium-Armory Station. They transported them to George Washington University Hospital with injuries to their left leg.

The Director of the Office of Safety Investigations (OSI) notified the Occupational Safety and Health Administration (OSHA) on October 10, 2023, at 11:21 hours of the severe injury that occurred on October 7, 2023.

Chronological Event Timeline

A review of ARS playback, i.e., phone and radio communications, revealed the following timeline:

Time	Description
04:38:59	TRST RWIC: Broadcasted an emergency transmission to the MICC regarding
hours	an injured employee with a broken leg at D2 CM 271+00.
	Radio RTC: Acknowledged and repeated. [Radio Ops2]
04:39:37 hours	Radio RTC: Notified the AOM of the incident. AOM advised the Radio RTC to
	inform the Track Unit to move the injured employee to Stadium-Armory
	Station via PM-47. [Phone Ops2]
04:41:27 hours	Radio RTC: Advised the RWIC to move the injured employee to Stadium-
	Armory for medical assistance via the PM.
	TRST RWIC: Acknowledged and Repeated. [Radio Ops2]

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Time	Description
04:44:12 hours	Radio RTC: Notified the MTPD Dispatcher of the injured employee and
	requested medical assistance to D&G Junction. [Phone Ops 2]
04:46:00 hours	MTPD Dispatcher: Assigned an MTPD Unit to investigate the incident.
	[MTPD1x]
04:46:31 hours	DCFEMS Dispatcher: Dispatched EMS to Stadium-Armory Station for the
	injured employee. [Open MHZ]
04:47:39 hours	Radio RTC updated the AOM on the incident and the cause of the injury. [Phone Ops2]
04:54:53 hours	TRST RWIC: Advised they arrived at Stadium-Armory Station Platform.
	Radio RTC: Advised the RWIC to open the station and prepare for EMS to
	arrive.
	TRST RWIC: Acknowledged and Repeated. RWIC noted that the injured
	employee broke their leg while moving ballast, and the rail rolled their leg.
	Radio RTC: Acknowledged and Repeated. Notified the RWIC had been
	notified. [Radio Ops2]
04:48:21 hours	MAC: Communicated with the responding EMS to guide them to Stadium
	Armory for the injured employee. [Open Mhz]
05:02:12 hours	MAC: Advised that the injured employee is located on the top side of Stadium-
	Armory Station. [Open Mhz]
05:07:00 hours	MAC: Notified the MTPD Dispatcher of the current location of the injured
	employee. [MTPD1x]
05:08:39 hours	MAC: Notified the MTPD Dispatcher of the updated location of the injured
	employee. [MTPD1x]
05:14:56 hours	TRST RWIC: Requested that the elevators be turned on to assist in removing
	the injured employee. Advised that DCEFMS could not remove the injured
05.45.50.1	employee without using the elevator system. [Radio Ops2]
05:15:56 hours	DCFEMS requested the Fire Department to respond to the location to assist. [Open Mhz]
05:17:14 hours	MTPD Unit: Advised on the scene, the employee has not been removed or
	transported. [MTPD1x]
05:18:42 hours	MAC: Requested a landline from the on-scene EMS personnel. [Open Mhz]
05:25:29 hours	MAC: Requested from the MTPD Dispatcher for an additional unit to assist
	and turn on the elevators to remove the injured employee. [MTPD1x]
05:26:29 hours	MAC: Advised the on-scene EMS personnel that MTPD is responding. [Open
	Mhz]
05:32:43 hours	Radio RTC: Requested an update from the RWIC on the completion of work
	and what tags could be returned for revenue service.
	TRST RWIC: Confirmed tracks one and three are operational.
05-05-00-1	[Phone Ops 2]
05:35:30 hours	Radio RTC: Updated AOM on the status of work tags completion.
05.45.20 haves	[Phone Ops2]
05:45:38 hours	MTPD Unit: Advised the employee was transported to George Washington
11:01 hours	University Hospital by DCFEMS. [MTPD1x]
11:21 hours	The incident was reported to OSHA on October 10, 2023.
10/10/23	

^{**}Note: Times above may vary from other systems' timelines based on clock settings and reporting sources.

Track and Structures

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According to TRST personnel, after they installed the stock rail, they put the switch point on the catwalk because of the third rail cables that were on the ground. The RWIC made the decision, in the interest of time, to switch out the strap for the rail dogs while the rail was on the catwalk. When the injured employee removed the hook from the strap to put it on the rail dog, the rail slid off the catwalk onto their left lower leg. Personnel yelled for the operator to wrench up, which caused the switch point to roll over in the strap onto the injured employee's leg.

Interview and Written Statement Findings

As part of the investigation launched into the event, SAFE reviewed written statements from witnesses. The review identified the following key findings associated with this event. Findings detailed below include reported information from involved personnel and may conflict with other data sources contained in the report.

RWIC Written Statement

- The team installed the curve stock rail at D98 and was in the process of installing switch 7.
- The operator picked up the switch point with the crane from PM-47 and sat it back on the catwalk to change out the lifting strap for the rail tongs (commonly referred to as Rail Dogs).
- After the rail was placed back on the catwalk to place the rail tongs (Rail Dogs) in position, the rail slid off the catwalk onto the employees left leg.
- Once the rail contacted their left leg, they heard the bone snap.
- We instructed the operator to winch the rail up, causing the switch point to continue to turn over further onto the employee's left leg.
- The rail was lifted off the employee's leg, and they called on the radio "Emergency, Emergency, Emergency" to the MICC to notify them of the situation.
- The MICC instructed the work crew to carry the injured employee to the Prime Mover and transport the employee to Stadium-Armory Station for medical treatment.
- EMS arrived and transported the employee to George Washington University Hospital.

Track Repairer AA Written Statement

- We observed the rail switch point fall off the wall onto the employee's leg, knocking them to the ground.
- We instructed the crane operator to lift the rail switch point off the employee leg to assist with their injury.

Weather

On October 7, 2023, at the time of the incident, NOAA recorded the temperature as 50°F, with clear skies. Weather was not a contributing factor in this incident (Weather source: NOAA) – Location: Washington, D.C.

Related Rules and Procedures

• SOP #4 – Emergency, 4.5.2. Reporting Emergencies Procedures

Metro Rail Operating Rulebook

1.2 Incident Reporting

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Switch Point and Stock Rail Installation

12.3.21 For the straight side of a guarded turnout, using a speed swing with rail tongs, lift and remove from the existing gauge and switch plates the existing bolted switch point and stock rail married pair including the heel block assembly as a complete unit between the insulated joint at the approach to the POS and the standard joint connecting the stock rail to the closure rail and then place along the shoulder of the right-of-way.

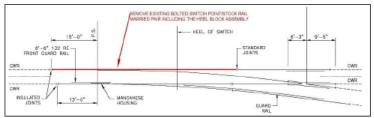


FIGURE 16: REMOVE SWITCH POINT/STOCK RAIL MARRIED PAIR ON STRAIGHT SIDE

- 12.3.22 For unguarded turnouts (No.10 & No.15) with floating heel blocks, TRST will remove the 1" dia. Track bolts and joint bars connecting the switch point to the existing closure rail using a Geismar impact wrench.
- 12.3.23 Using a speed swing with rail tongs, lift and remove from the existing gauge and switch plates the existing bolted switch point and stock rail married pair as a a single component between the insulated joint at the approach to the POS and the standard joint connecting both the stock rail and switch point to the closure rails and then place along the shoulder of the right-of-way.
- 12.3.24 Clean the existing switch and gauge plate seats using a broom prior to installing the new stock rail and switch point married pair to ensure the seats are clean of any ballast or debris. Also use a broom to sweep the base of the switch point and stock rail clean of all foreign matter and make sure there is no ballast on the tie plates.

Figure 1. These rules come from the work instruction for switch point and stock rail installation.

Human Factors

Fatigue

OSI was unable to confirm if there were any fatigue factors present due to the employee's injury causing them to be absent from work.

Signs and Symptoms of Fatigue

The biomathematical fatigue modeling application (SAFTE-FAST Web SFC) was not applied for this event.

Fatigue Risk

The biomathematical fatigue modeling application (SAFTE-FAST Web SFC) was not applied for this event.

Post-Incident Toxicology Testing

Post-Incident Toxicology testing was not conducted for this event.

Findings

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- The Prime Mover employed its crane to position the rail for manual handling by personnel using straps during the incident.
- The RWIC directed employees to replace the straps with rail tongs while the new switch point was positioned on the catwalk.
- The switch point dislodged from the catwalk, resulting in injury to the employee's left leg.
- The injured employee was involved in removing hooks from the straps intended for rail tongs, and was assisted onto PM- 47 after the incident.
- Emergency responders arrived to transport the employee from Stadium-Armory Station, station elevators were secured in a non-operational state due to station closure.
- Emergency responders facilitated the removal of the injured employee from the station premises utilizing the escalator.

<u>Immediate Mitigation to Prevent Recurrence</u>

- The injured employee was transported to Stadium-Armory Station.
- Notification and dispatch of MTPD were executed in response to the incident.
- Dispatch of DCFEMS to Stadium-Armory Station were executed in response to the incident.
- The injured employee was transported to the hospital for necessary medical attention.

Probable Cause Statement

The probable cause of the Serious Injury event on October 7, 2023, at D&G Junction was the unsecured position of the switch point rail on the catwalk, resulting in injury to the employee's left leg. The lack of proper securing measures by a crew member during the process of changing straps to move the rail contributed to the incident.

Recommended Corrective Actions

Corrective Action Code	Description	Responsible Party	Estimated Completion Date
111965_SAFE CAPS_TRST_0 01	Develop a lessons learned on the importance of being vigilant when heavy machinery, equipment, and or tools are unsecured in a work zone.	TRST SRC	03/31/2024

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Appendices

Appendix A – RWIC Incident Statements

The below narratives summarize the incident and represent the statements made by the involved individual. As such, times and details may present a conflict with the data contained in systems of record.

RWIC Written Statement

"The team installed the curve stock rail at the D98 7 switch and were in the process of installing the switch. The crane operator picked the switch point utilizing the crane from PM 47 and placed the switch point on the catwalk to change the lifting straps to rail tongs (Rail Dogs). After the rail switch was placed back on the catwalk to place the rail tongs (Rail Dogs), the rail slid off the catwalk onto the (redacted) leg. Once the rail contacted (redacted)'s left leg, I heard the bone snap. We instructed the operator to winch the rail up, causing the switch point to continue to turn over onto (redacted) left leg. When the rail switch was lifted off their leg, I called on the radio "Emergency, Emergency" to the ROCC to notify them of the situation. The ROCC personnel instructed us (work crew) to carry (redacted) to the Prime mover unit and transport them to Stadium Armory Station for medical treatment. EMS arrived and transported (redacted) to George Washington University Hospital."

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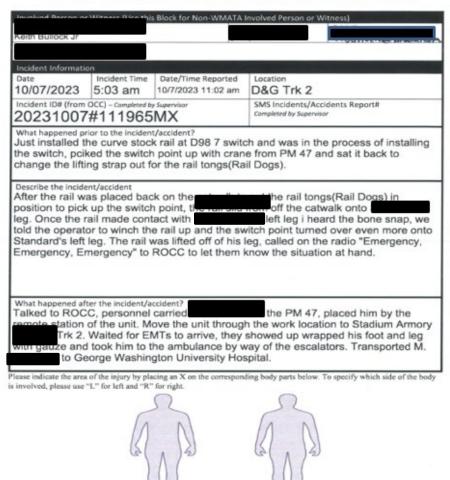
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TO BE COMPLETED AND

Washington Metropolitan Area Transit Authority DISTRIBUTED WITHIN 24 HOURS



Turn Over to Complete Employee and Injury Information



Figure 2: RWIC'S Written Statement Pg. 1

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SAFE [ID] [DATE] Drafted By: Reviewed By: SAFE [ID] [DATE]

Approved By: SAFE [ID] [DATE]

	Complete all Fields (W	rite N/A if field does not	apply)	300			
	Involved Personnel (Us	e this Block for WMATA E	mployees and Contra	ctors)		a mercinistra di la	
	Name (Last Name, First N.	ame, Mi)	Witness? ☑Yes □ No				
8		1.7-	9 4 19:44	10	be	fore the incident?	
						ep schedule for the last	^
	Thursday	hours) 14	10/6/23/21.	003	Yes No	uding days off?	
	On Overtime? Yes	Personal Protective Equi		00	How alert were the incident? Fo	you immediately prior to ally Alert Moderately Fighting Sleep	
		Hard Hat/Sacrt		site Boots		Fighting sleep	
	Name of Secondary Employment	t (Write <i>None</i> if employee over	does not have secon	100	Full Time	Work Hours	
	Secondary Employer Full A	Address			Part Time		
	Secondary Employer Fully	-uuress					
	Date of Hire	Supervisor			Phone	Number	
	NAME AND ADDRESS OF TAXABLE PARTY.	nplete for all involved Peo	SOUTH AND THE PERSON OF THE PE			of Injury)	
	Date of Injury Tim	e of Injury Date/Time Inju	ry Reported	Body Part(s) Injured:		
	Location (Address) where	injury occurred (check one:	□ MD □VA	DC)			
	Witness Information (Nam	ne, Phone Number, Email, ad	ldress)				
	•						
	Did Another Person Cause	this Injury? Yes No	Name of Responsible	e Party			
	Responsible Party Insuran	ce Carrier/Agent	Phone Number				
	Are you able to Continue \	Work? ☐ Yes ☐ No	Name/Address of fa	cility where y	rou will seek t	treatment	
	Doctor's Phone Number		Date you will see you	ur doctor			
	Employee, please read befo	re signing					
	(1) This form is only to	o be used for Employees wh			ather is seen	and to have the	
	written approval of	; a workers' compensation cl of the Authority before agree	ring to or signing any set	ttlement for	the injuries o	r lost wages that were	
		whole by the Authority or it o willfully makes any materi					
	of obtaining any b	enefits under workers' comp	pensation or leave provi	sions of the	Authority may	y be subject to	
	prosecution, discip workers' compens	plinary action up to and inclusation benefits.	iding dismissal and may	adversely at	rect the empl	oyee's rights to	
1.0	THIS IS TO CERTIFY THAT I H	AVE READ THE ABOVE GUID	ELINES AND UNDERSTAI	ND THEM FU	LLY AND THE	INFORMATION I HAVE	
	NOVIDED IS TRUE	15 10	A Dur	- 101	7/23	3	
	-		1701	.07			

Figure 3: RWIC's Written Statement Pg. 2

Incident Date: 10/07/2023 Time: 04:38 hours

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Appendix B – Crew Members Written Statements

Track Repairer AA Written Statement

"We observed the rail switch point fall off the wall onto the (redacted) leg, knocking them to the ground. We instructed the crane operator to lift the rail switch point off their leg to assist (redacted) with his injury."

V	Witness or	Employee Stat	tement Forn	n TOBE	COMPLETED	AND
<u>and</u>	Washington N	Metropolitan Area T	Fransit Authorit	DISTRIBUT	ED WITHIN 24	HOURS
	Complete all Fields (Write Involved Personnel (Use Involved Personnel (Use Involved Personnel (Use Involved Personnel III) Last Day Worked (Prior to) 10 6 23 On Overtime?	Hours Worked (in last 24 hours) Personal Protective Equipment of the Personal Worked (with the Personal Protective Equipment of the Personal Protective Equipm	Department/Division of Date/Time Shift Beg 10/7/28 ment used (flat)	Time Getic C Fan 7:00p Airc Airc Gary employmen	asleep, before the kniesp. We this she sleep when before allert were you immodified. Fully Alart Orowsy Fully 101	Union 689 incident? P Value up P bule for the last ny off?
	Secondary Employer Full Ad				art Time	
	Date of Hire	Supervisor			Phone Numbe	
		of Injury Date/Time Injury		y, write None i Body Part(s) Inj		(7)
		jury occurred (check one: Phone Number, Email, addition injury) Yes No		DC)		
	Responsible Party Insurance	Carrier/Agent	Phone Number			
	Are you able to Continue W	prk? Yes No	Name/Address of fac	ility where you v	vill seek treatm	ent
	Doctor's Phone Number		Date you will see you	ir doctor		
unt:	(2) All persons having a written approval of paid as part of the v (3) Any Employee who of obtaining any ber prosecution, discipl workers' compensat THIS IS TO CERTIFY THAT I HAI PROVIDED IS TRUE AND (Employee Signature:	be used for Employees who is workers' compensation clainthe Authority before agreeing whole by the Authority or its willfully makes any material mefits under workers' compensary action up to and includation benefits. VE READ THE ABOVE GUIDEL	m that was caused by to ng to or signing any set insurer to the employe by false or misleading st ensation or leave provis ling dismissal and may	tlement for the in the as workers' co- tatements or rep- tions of the Auth- adversely affect to ID THEM FULLY /	njuries or lost v mpensation be resentations fo ority may be su the employee's	wages that were mefits. or the purpose object to a rights to

Figure 4: Employees Written Statement Pg. 1

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report – Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE] Reviewed By: SAFE [ID] [DATE] Approved By: SAFE [ID] [DATE]



TO BE COMPLETED AND

Washington Metropolitan Area Transit Authority DISTRIBUTED WITHIN 24 HOURS

Involved Person or Witness (Use this Block for Non-WMATA Involved Person or Witness)
Name Phone Number E-Mail
Address
Incident Information
Date , Incident Time Date/Time Reported Location
10/07/23 4:30 D=6
Incident ID# (from OCC) – Completed by Supervisor SMS Incidents/Accidents Report# Completed by Supervisor
What happened prior to the incident/accident?
We Were Instaining Stock Vail and Switch
Describe the incident/accident
Those working at the other and of
I was working at the other end of the work Area and did not See what
nathenee
riorrenze
What happened after the incident/accident?
was loaded onto the unit and
16+7
Please indicate the area of the injury by placing an X on the corresponding body parts below. To specify which side of the body
is involved, please use "L" for left and "R" for right.
52 52
(2 (A) 2)
) / () / (
38
FRONT BACK
Turn Over to Complete Employee and Injury Information

Figure 5: Employees Written Statement Pg. 2

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report – Serious Injury Rev. 1

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Involved Personne		t apply)	
	rior to) Hours Worked (in last 2 hours) B	Witness? Yes No Department/Division Care En Dec Date/Time Shift Ber	[Company] Employee ID Union
Secondary Employ Name of Secondary I	Employer	e does not have secon	fary employment) Full Time Work Hours Part Time
Secondary Employer	Full Address		
Date of Hire	Supervisor		Phone Number
Injury Information Date of Injury	(Complete for all involved Pe Time of Injury Date/Time In		ry, write None in Date of Injury) Body Part(s) Injured:
	Cause this Injury?□Yes□No	Name of Responsible	e Party
Responsible Party Ins	surance Carrier/Agent	Phone Number	
Are you able to Conti	inue Work? Tyes No	Name/Address of fac	cility where you will seek treatment
Doctor's Phone Numi	ber	Date you will see you	ar doctor
(2) All persons h written appropaid as part of	only to be used for Employees w naving a workers' compensation roval of the Authority before agri- of the whole by the Authority or be who willfully makes any mater	claim that was caused by eeing to or signing any set its insurer to the employ rially false or misleading s npensation or leave provin	the act of another is required to have the titlement for the injuries or lost wages that was as workers' compensation benefits. tatements or representations for the purpo sions of the Authority may be subject to adversely affect the employee's rights to

Figure 6: Employee#3 Written Statement Pg. 1

Time: 04:38 hours Incident Date: 10/07/2023

Final Report - Serious Injury Rev. 1

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Involved Person or	Witness (Use this	Block for Non-WM	ATA I	nvolved Person or Wi	tness)
Name			Pho	ne Number	E-Mail
Address					
Incident Informatio	n	2 N F 2 2 2 2 1 1 1			and representations
Date	Incident Time	Date/Time Report	ted	Location	
Incident ID# (from 0	OCC) – Completed by	Supervisor		SMS Incidents/Acci Completed by Superviso	
What happened pri				~	4 - 0
EVERONÉ !	WAS WOR	Kins, Iw.	45	on the FLA	at, Didnt see
WHAT HAR	pénéd,	,			
Describe the incider	nt/accident				
alun-					
. ·					
What happened after	er the incident/a	ccident?		1.4	. + 1 = Ground
1 CAME O	OFF FLA	<i>t,</i> 5	w	AS SITTINS	on the order
HOLDINS M	15 669, 5	SOMEONE 1	Pick	OHIMUP.	toldme
To"HOLD	Hic his	" WEF	CA	ces	tocome na Unit, I Put
ind HAT	Under	1115 CA	ILA	For Supr	Port.
Please indicate the area s involved, please use "	of the injury by pla	cing an X on the corre	spond	ing body parts below. T	o specify which side of the body
		\bigcap			
	11	1		// //	
	121	131		(2)	
	(3)	1 /2		(d) (1) (d)	
		// /) // (
	(*	1()		() ()	
		111){}(
	۷	RONT		BACK	
				DACK	
Tur	n Over to Co	omplete Empl	oye	e and Injury Inf	formation

Figure 7: Employee#3 Written Statement Pg. 2

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE] Reviewed By: SAFE [ID] [DATE] Approved By: SAFE [ID] [DATE]

Appendix C – MTPD Incident Report

Station Acronym STAD - STADIUM- ARMORY	20 City, State	NGTON,	-001 County		l Jurisdiction f Columbia	Local CCN
STAD - STADIUM-	WASHIN	NGTON,	County			
STAD - STADIUM-	WASHIN	NGTON,	County			
1		03	D01- District 01	MIP District 3	Local Distri D01-Dis	
e and Time of Event				Date o	and Time Reported	
т _о '2023 4:45:31 AM				10/7/2	023 4:45:41 AN	ı
			Category			
M-ARMORY	On 8	us				
	Tracks, Etc.)					
Tracks/In Tunnel				-	le Applies, #Premises	or Facilities Entered:
Description Weapon/Force Type of Activity	INJURED/S	ICK PERS				
			_			
					usive)	
ing:	not known) (1		
	report):	If Case Geo	ared Exception	ony,	Georance Date	
Badge	•	•	Second C	(ficer (Print)	Badge #	
ronkally Approved)			Teletype	,	Investigator Notified	10#
	opht-of-Woy II-ARMORY It Bridge, Klosk, Platform, Tracks/In Tunnel Offense # Offense Classification Description Weapon/Force Type of Activity I'm Unknown (offense of the state of	aptt-of-Way On 8 II-ARMORY Bridge, Kiosk, Platform, Tracks, Etc.) Tracks/In Tunnel INJURED/S Offense # INJURED/S Offense Classification Description INJURED/S Weapon/Force / Type of Activity In: Unknown (offender's motivaler's motivaler's motivation not known) (Ing.	n Offense # INJURED/SICK PERSI Weapon/Force Type of Activity In Unknown (offender's motivation not inder's motivation not known) (mutually ing: Modus Op	Category A-ARMORY Bridge, Kiask, Platform, Tracks, Etc.) Tracks/In Tunnel Location Description Offense # INJURED/SICK PERSON TO TH Weapon/Force Type of Activity Nur Unknown (offender's motivation not known) Inder's motivation not known) (mutually exclusive Ing: Modus Operandi (MO): If Case Geored Exception.	Category Activity On Bus Property Rail Static For Bu Tracks/In Tunnel Offense # INJURED/SICK PERSON TO THE HOSPITAL Offense Classification Description INJURED/SICK PERSON TO THE HOSPITAL Weapon/Force Type of Activity Number Premises Enter The Unknown (offender's motivation not known) (mutually exclusive) Ing: Modus Operandi (MC): If Case Cleaved Exceptionally,	Category Quit-of-Way In-ARMORY Rail Station MS Bridge, Kiask, Platform, Tracks, Etc.) For Burglary or B&E Only If Hotel Rule Applies, #Premises Location Description INJURED/SICK PERSON TO THE HOSPITAL Offense # INJURED/SICK PERSON TO THE HOSPITAL Weapon/Force Type of Activity Number Premises Entered: The Unknown (offender's motivation not known) (mutually exclusive) Ing: Modus Operand (MO): If Case Geored Diceptionally, Citerance Date

Figure 8: MTPD Incident Report Pg. 1

Incident Date: 10/07/2023 Time: Final Report – Serious Injury Rev. 1 Time: 04:38 hours

E23703

Drafted By: SAFE [ID] [DATE]
Reviewed By: SAFE [ID] [DATE]
Approved By: SAFE [ID] [DATE]

Victim Inform	ation						
0.1							
Other Person Last Name, First				Entity T	Vpe	DOB	
				Injure	ed		
Address Type	Address (Street) City, State	Zip					
Type Phone	Phone Number						
M - Mobile							
Work/School Addre 300 7th St SW	ss - Addl. Contact Info						
Age	Sex	Race	Ethnicity		DL State/Number		
	Male	Black or	Not of Hispan	ic			
		African American	Origin				
	-		+				
MTPD CCN:					Event Report	Page 2 of 4	

Figure 9: MTPD Incident Report Pg. 2

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report – Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE]
Reviewed By: SAFE [ID] [DATE]
Approved By: SAFE [ID] [DATE]

Has a DVR been requested? Narrative Information An employee was injured at STAD. DC Medic 49 was already on scene and transported him George Washington. If second CCN is available, insert here: Additional Narrative on Supplemental Report Event Report Page 3 of 4 MTPD CCN:

Figure 10: MTPD Incident Report Pg. 3

ORI-DCMTP0000

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

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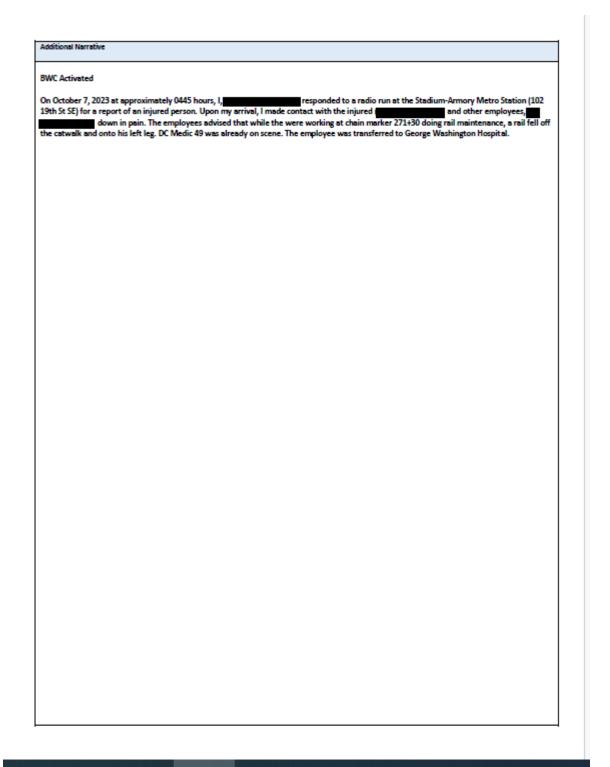


Figure 11: MTPD Incident Report Pg. 4

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE] Reviewed By: SAFE [ID] [DATE] Approved By: SAFE [ID] [DATE]

	This form must be completed legibly and accurately and be retained and made available for inspection for a period of 90 days. Part 1: General Job Briefing
	Date: 10/6 / 23 Time: 21:45 RWIC:
1	RWIC Call #:
	Safety Contact: MSRPH Sagery Rule # 4.6
2	RWP Rule: RwP Rule: Work Love Seed Restriction 3,16
	Work Location: D98 TrK # 2
3	Job Task(s):
4	Sweet Point + Stock Rail Remoters
4	Worksite, Electrical, Chemical, or Environmental Hazards:
4	Switch Grease, Hard Took (Rai)
1	PPE Inspected: Electronic Device Policy Reviewed: Radio Certification Date Inspected: Radio Certification Date Inspected: Radio Checks Performed: Radio Checks Performed
5	What Specialized PPE Will Be Used?
	Safety Classes (Respirators
7	Emergency Response Plan:
:	
ı	To the flatform of D-08 or 282+70 Refine
	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off: _ : _ / _ : _ / _ : _ / : _ **
_	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off:: _ /: _ /: _ / _: _ ** Rail Line: Track Number(s): 1, 2, 3 Track Access Guide (TAG) Speed: 6.5
	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off: _ : / : / : / : ** Rail Line:
,	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off: : / : / : / : / : ** Rail Line: Track Number(s): 1, 2, 3 Track Access Guide (TAG) Speed: 6.5 Working Limits Chain Markers: 215+00 / 272-79 - 279+66 OPS Radio Channel: OPS Phone Number: 202-962-1542
,	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off: : / : , : / : , : / : ** Rail Line: Track Number(s): 1, 2, 3 Track Access Guide (TAG) Speed: 6.5 Working Limits Chain Markers: 25+00 - 315+00 / 271+79 - 279+66 OPS Radio Channel: OPS Phone Number: 202-962-1592 Place of Safety: Refree Are / Platform Time Needed to Reach Place of Safety: 15 5=6 Are These Red Hot Spots Within Your Working Limits? Yes 8 No 0
7	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off::
7	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off:
1	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off:
-	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off:
	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off:
1	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off: : : : : : : : : : : : : : : : : : :
3	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off: : : : : : : : : : : : : : : : : : :
	Part 2: RWP Briefing: This section must be filled out before any Roadway Workers enter the Roadway. **Track Time On/Off: : : : : : : : : : : : : : : : : : :

Figure 12: Safety Briefing Pg. 1

Incident Date: 10/07/2023 Time: 04:38 hours

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	This form must be completed legib Part 2: RWP Briefing, continued:						
	Power Outage: Red Tag Sup	pervisory P	" C 4	Hot Sticking Chy	alo Markers:		
	Red/Supervisory Tag #: 202	3 2807	21. 1/22	D1 212+00	272100	- D	3 275100
	Red/Supervisory Tag Holder:	Section .	26.3/ 121	213+00	285100	159	
		621	de con	2 11 235-50			
12	Insulated Mat(s) Color Blue Red Green Green Application 2 2 2 2 3 3 3 3 3 3						
	WSAD Certification Due		rial #/Asset_ID	WSAD Certific	ation Due	WSAD Ser	rial #/Asset ID
	8 /7 / 24	T000	6225	61/2	1 .		
	7/12/24		2F6Ad	4.9	1.		
	Will a Piggyback Crew(s) be Worl			s? Yes No [
3	Crew Leader/EIC Call #(s):			Piggyback Work	Area Chain Ma	rkers:	
	Pjggyback Work Assignment(s):	1601	deel had	Commency.	200100		
_	1	-			· .	-	
,	Part 3: Good Faith Challenge: The	following must	be read aloud by the	he RWIC to the Ro	adway Workers.		
	"WMATA guarantees each Roadway \					Worker Prote	ection being
	provided. The Roadway Worker making t				nge, Shall remain	clear of the roa	dway until the
LA/D	Newser-		challenge Nas beene	esovveo.			
WP	Issues:			Worker Na	me(s):		
				0.			
				1	- 45		
	28250 Refrye	N 80	mb 1400 "	4.14.17.09.9	900 (1		
	art 4: Roadway Worker Acknowl	edgement of the Roadway Jo	ob Safety Briefing i រ៉ូម៉ឺ	st received. I am ade		from any and	No 🗆
	art 4: Roadway Worker Acknowl	edgement of the Roadway Jo	ob Safety Briefing i jម៉ី រួច គ responsibility to r	st rečeluid. I am ade conduct myself lo a j	quately protected	from any andir	n movement or
	art 4: Roadway Worker Acknowl I understand and agree with all aspects of roadway hazaysis I ROADWAY WORKERS HAVE	edgement of the Roadway Juggesstand Library THE RIGHT AND J	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
	rart 4: Roadway Worker Acknowl I understand and agree with all aspects of roadway hazagig.	edgement of the Roadway Juggesstand Library THE RIGHT AND J	ob Safety Briefing i jម៉ី រួច គ responsibility to r	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
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	art 4: Roadway Worker Acknowl I understand and agree with all aspects of roadway hazaysis I ROADWAY WORKERS HAVE	edgement of the Roadway Juggesstand Library THE RIGHT AND J	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
	art 4: Roadway Worker Acknowl I understand and agree with all aspects of roadway hazaysis I ROADWAY WORKERS HAVE	edgement of the Roadway Juggesstand Library THE RIGHT AND J	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
	art 4: Roadway Worker Acknowl I understand and agree with all aspects of roadway hazaysis I ROADWAY WORKERS HAVE	edgement of the Roadway Juggesstand Libar	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
	art 4: Roadway Worker Acknowl I understand and agree with all aspects of roadway hazaysis I ROADWAY WORKERS HAVE	edgement of the Roadway Juggesstand Libar	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
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	art 4: Roadway Worker Acknowl I understand and agree with all aspects of roadway hazaysis I ROADWAY WORKERS HAVE	edgement of the Roadway Juggesstand Libar	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
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toad	Part 4: Roadway Worker Acknowl I understand and agree with all aspects or roadway hazayis I ROADWAY WORKER HAVE Iway Worker Signature Employee ID	edgement of the Roadway Juggesstand Libar	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
toad	art 4: Roadway Worker Acknowl I understand and agree with all aspects or roadway hazards at ROADWAY WORKER HAVE Iway Worker Signature Employee ID art 5: RWIC Signature(s)	edgement of the Roadway Ji glesstand Liba nut RIGHT AND I	ob Safety Briefing I ju es a responsibility to s RESPONSIBILITY TO B Worker Signatuse	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
Road	Part 4: Roadway Worker Acknowl I understand and agree with all aspects or roadway hazayis I ROADWAY WORKER HAVE Iway Worker Signature Employee ID	edgement of the Roadway Ji glesstand Liba nut RIGHT AND I	ob Safety Briefing I ju ge a responsibility to c RESPONSIBILITY TO II	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
toad	art 4: Roadway Worker Acknowl I understand and agree with all aspects or roadway hazards at ROADWAY WORKERS HAVE I WAY Worker Signature Employee ID firt 5: RWIC Signature(s) I conal RWIC Comments:	edgement of the Roadway Juguesstand Libar full RIGHT AND J	ob Safety Briefing I jû ee a responsibility to RESPONSIBILITY TO B Worker Signatuse	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
Road	Tart 4: Roadway Worker Acknowl I understand and agree with all aspects or roadway hazards at ROADWAY WORKERS HAVE I way Worker Signature Employee ID Total RWIC Signature(s) Ional RWIC Comments:	edgement of the Roadway Ji glesstand Liba nut RIGHT AND I	ob Safety Briefing I jû ee a responsibility to RESPONSIBILITY TO B Worker Signatuse	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected	from any weir times." HEN NECESSA	n movement or
Road	Tart 4: Roadway Worker Acknowl I understand and agree with all aspects or roadway hazayis is ROADWAY WORKERS HAVE Iway Worker Signature Employee ID Int 5: RWIC Signature(s) Ional RWIC Comments: GW() Signature:	edgement of the Roadway Juguesstand Libar full RIGHT AND J	ob Safety Briefing I jo ee a responsibility to B RESPONSIBILITY TO B Worker Signatuse	pt received. I am ade conduct myself in a HTIATE A GOOD FA Employee ID #	quately protected THE HALLENGE W Crow Leader/I	from any weir times." HEN NECESSA	n movement or
Road	Tart 4: Roadway Worker Acknowl I understand and agree with all aspects or roadway hazards at ROADWAY WORKERS HAVE I way Worker Signature Employee ID Total RWIC Signature(s) Ional RWIC Comments:	edgement of the Roadway Juguesstand Libar full RIGHT AND J	ob Safety Briefing I jo ee a responsibility to B RESPONSIBILITY TO B Worker Signatuse	ot received. I am ade conduct.myself Is a WITTATE A GOOD PA	quately protected THE HALLENGE W Crow Leader/I	from any weir times." HEN NECESSA	n movement or

Figure 13: TRST Safety Briefing Pg. 2

Incident Date: 10/07/2023 Time: Final Report – Serious Injury Rev. 1 Time: 04:38 hours

E23703

Drafted By: SAFE [ID] [DATE]
Reviewed By: SAFE [ID] [DATE]
Approved By: SAFE [ID] [DATE]

GOTRS - GENERAL ORDERS & TRACK RIGHTS SYSTEM Track Rights Request Request Summary Request Number: 202327701400 Track Access: True Dates Requested: 10/07/2023 01:00 to: 10/07/2023 06:30 Clear In Ten: False Request Status: Closed **Equipment on Track:** 1 Requestor: Allow Piggybacks: True Requestor Organization: TRST/TRACK In Piggyback: Closed (2023280726-S) Power Outage: Tag #: Supervisory Supervisory Power Outage Lock Out / Tag Out: Additional AC: Request Title: D98 Trk,2 Interlocking Maintenance (Emergency) **Location, Work Type and Description** Location: Mainline Non-Wayside Location Type: Request Type: Expedited Charge Job Number: **Contract Number:** Maximo Work Order: Request Group: No **Location Description:** D08-D98 Trk.2 Interlocking Maintenance (Emergency) **Request Description:** Personnel will remove defective Switch point and Stock Rail Work Type: Interlocking Work D99 (New Carrollton Yard) **Meeting Location: PB Meeting Location: Tools and Equipment:** Proper PPE and Hand tools Equipment on Track: Prime Mover with Flatcar Track 2 Actual Work Area: D210+00 D310+00 Protected Work D205+00 D315+00 Area: Hot Stick Info. Third Rail Gaps: From Track ID To D188+06 D211+96 2 D212+52 D235+47 2 D236+03 D270+92 2 D271+48 D282+58 2 D271+48 D282+58 2 D283+26 D313+84 2 Date & Time

Figure 14: This is page 1 of the GOTRS sheet for the emergency track work.

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE] Reviewed By: SAFE [ID] [DATE] Approved By: SAFE [ID] [DATE]

GOTRS - GENERAL ORDERS & TRACK RIGHTS SYSTEM Track Rights Request

Request Summary			
Request Number:	202327701400	Track Access:	True
Dates Requested:	10/07/2023 01:00 to: 10/07/2023 06	:30 Clear In Ten:	False
Request Status:	Closed	Equipment on Track:	1
Requestor:		Allow Piggybacks:	True
Requestor Organizati	ion: TRST/TRACK	In Piggyback:	No
Tag #:	Closed (2023280726-S)	Power Outage:	Supervisory
lay #.	Closed (2023280720-3)	rower outage.	Supervisory Power Outage
Lock Out / Tag Out:		Additional AC:	
Request Title:	D98 Trk.2 Interlocking Maintenance	(Emergency)	
Start: 10/07/2023	01:00	End: 10/07/2023 06:30	
Contacts			
Entered by		Requestor	
@wmata.co	om	@wmata.com	
Work:		Work:	
Cell:	Home:	Cell:	Home:
WMATA Manager			
WMATA Manager		Emergency Contact	
@wmata.com		@wmata.com	_
@wmata.com	Home:	@wmata.com	Home:
@wmata.com Work: Cell:	Home:	@wmata.com Work:	Home:
@wmata.com Work: Cell: Support		@wmata.com Work:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP	Crew Size	@wmata.com Work:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK	Crew Size	@wmata.com Work:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP	Crew Size	@wmata.com Work:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM	Crew Size 5 Crew Size 5	@wmata.com Work:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP	Crew Size 5 Crew Size 5	@wmata.com Work:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM Request Change Hi	Crew Size 5 Crew Size 5	@wmata.com Work: Cell:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM Request Change Hi	Crew Size 5 Crew Size 5 istory Event	@wmata.com Work: Cell:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM Request Change Hi Date 10/04/2023 11:08	Crew Size 5 Crew Size 5 istory Event Request was cloned from Request 2023276	@wmata.com Work: Cell:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM Request Change Hi Date 10/04/2023 11:08 10/04/2023 14:51	Crew Size 5 Crew Size 5 istory Event Request was cloned from Request 2023276 Request status was changed to Approved	@wmata.com Work: Cell:	Home:
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM Request Change Hi Date 10/04/2023 11:08 10/04/2023 14:51 10/07/2023 01:08	Crew Size 5 Crew Size 5 istory Event Request was cloned from Request 2023276 Request status was changed to Approved Work Prep was completed.	@wmata.com Work: Cell:	
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM Request Change Hi Date 10/04/2023 11:08 10/04/2023 12:51 10/07/2023 01:08 10/07/2023 03:35	Crew Size 5 Crew Size 5 istory Event Request was cloned from Request 2023276 Request status was changed to Approved Work Prep was completed. Request status was changed to Opened	@wmata.com Work: Cell:	
@wmata.com Work: Cell: Support SUPPORT GROUP TRST/TRACK ESCORT GROUP COSI/ATCM Request Change Hi Date 10/04/2023 11:08 10/04/2023 14:51 10/07/2023 01:08 10/07/2023 03:35 10/07/2023 06:00	Crew Size 5 Crew Size 5 istory Event Request was cloned from Request 2023276 Request status was changed to Approved Work Prep was completed. Request status was changed to Opened Gose-Out step was reversed from "De-ener	@wmata.com Work: Cell:	

Figure 15: This is page 2 of the GOTRS sheet for the emergency track work.

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE]
Reviewed By: SAFE [ID] [DATE]
Approved By: SAFE [ID] [DATE]

GOTRS - GENERAL ORDERS & TRACK RIGHTS SYSTEM Track Rights Request

Request Summary						
Request Number:	202327701400		Track A	Access:	True	
Dates Requested:	10/07/2023 01:00	0 to: 10/07/2023 0	6:30 Clear I	n Ten:	False	
Request Status:	Closed		Equipm	ent on Track:	1	
Requestor:			Allow P	Piggybacks:	True	
Requestor Organization:	TRST/TRACK		In Pigg		No	
		706 (5)		-		
Гад #:	Closed (2023280)	720-3)	Power	Outage:	Supervisory Supervisory P	ower Outage
Lock Out / Tag Out:			Additio	nal AC:		
Request Title:	D98 Trk.2 Interlo	cking Maintenance	e (Emergency)			
Request Group						
Request Number	Description					
Piggyback						
Close-Out Summary		Ck	nced			
Final Status:	C to establish work		osed 10/06/2023 23:35			
-			osed 10/06/2023 23:35 10/07/2023 01:19			
Final Status: RWIC has contacted RTG	Order:	cing limits:	10/06/2023 23:35			
Final Status: RWIC has contacted RTG Authorize Power Outage	Order:	cing limits:	10/06/2023 23:35 10/07/2023 01:19			
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple	Order:	ting limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54	Chain Marker	Entered By	Date
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking:	e Order: ted/RWIC notified Track I	ting limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54	Chain Marker D275+00	Entered By	Date 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To	e Order: ted/RWIC notified Track I	ting limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54		18	
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To D271+48 D282+5	e Order: sted/RWIC notified Track I 8 2 2 2	ting limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54	D275+00		10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To D271+48 D282+5 D236+03 D270+9	ted/RWIC notified Track I 2 2 7 2	ting limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54	D275+00 D260+00		10/07/2023 01:5 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To D271+48 D282+5 D236+03 D270+9 D212+52 D235+4	** Order: **ted/RWIC notified **Track I **8	ting limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54	D275+00 D260+00 D235+00		10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To D271+48 D282+5 D236+03 D270+9 D212+52 D235+4 D188+06 D211+9 D283+26 D313+8 Permission is given to see	ted/RWIC notified Track I 2 2 7 2 6 2 2 7 2 8 2 8 2 8 2 8 8 9 9 9 9 9 9 9 9 9 9 9	cing limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54 Radio ID	D275+00 D260+00 D235+00 D211+00		10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Complet Hot Sticking: From To D271+48 D282+5 D236+03 D270+5 D212+52 D235+4 D188+06 D211+5 D283+26 D313+8 Permission is given to so RTC authorization to state	ted/RWIC notified Track I 2 2 2 4 2 4 2 etup worksite: rt work is given to	cing limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54 Radio ID	D275+00 D260+00 D235+00 D211+00		10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To D271+48 D282+5 D236+03 D270+9 D212+52 D235+4 D188+06 D211+9 D283+26 D313+8 Permission is given to sea RTC authorization to state PDC confirmed working	ted/RWIC notified Track I 2 2 7 2 4 2 4 2 etup worksite: rt work is given to limits are clear:	cing limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54 Radio ID	D275+00 D260+00 D235+00 D211+00		10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To D271+48 D282+5 D236+03 D270+9 D212+52 D235+4 D188+06 D211+9 D283+26 D313+8 Permission is given to sea RTC authorization to state PDC confirmed working RTC confirmed working	ted/RWIC notified Track I 8 2 7 2 7 2 6 2 4 2 etup worksite: rt work is given to limits are clear:	cing limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54 Radio ID 10/07/2023 01:54 10/07/2023 02:26 10/07/2023 08:52 10/07/2023 09:01	D275+00 D260+00 D235+00 D211+00		10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Complet Hot Sticking: From To D271+48 D282+5 D236+03 D270+9 D212+52 D235+4 D188+06 D211+9 D283+26 D313+8 Permission is given to sea RTC authorization to state PDC confirmed working RTC confirmed working Energization by PDC confirmed	ted/RWIC notified Track I 2 2 2 4 2 etup worksite: rt work is given to limits are clear: limits are clear: npleted:	cing limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54 Radio ID	D275+00 D260+00 D235+00 D211+00		10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5 10/07/2023 01:5
Final Status: RWIC has contacted RTG Authorize Power Outage De-Energization Comple Hot Sticking: From To D271+48 D282+5 D236+03 D270+9 D212+52 D235+4 D188+06 D211+9 D283+26 D313+8 Permission is given to sea RTC authorization to state PDC confirmed working RTC confirmed working	Track I 8 2 2 2 7 2 6 2 4 2 etup worksite: rt work is given to limits are clear: limits are clear: npleted: comment:	cing limits:	10/06/2023 23:35 10/07/2023 01:19 10/07/2023 03:47 10/07/2023 01:54 Radio ID 10/07/2023 01:54 10/07/2023 02:26 10/07/2023 08:52 10/07/2023 09:01	D275+00 D260+00 D235+00 D211+00		10/07/2023 01:5

Figure 16: This is page 3 of the GOTRS sheet for the emergency track work.

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE]
Reviewed By: SAFE [ID] [DATE]
Approved By: SAFE [ID] [DATE]

GOTRS - GENERAL ORDERS & TRACK RIGHTS SYSTEM Track Rights Request

Request Summary Request Number: 202327701400 Track Access: True 10/07/2023 01:00 to: 10/07/2023 06:30 Clear In Ten: Dates Requested: False Request Status: Closed **Equipment on Track:** 1 Requestor: Allow Piggybacks: True TRST/TRACK Requestor Organization: In Piggyback: No Tag #: Closed (2023280726-S) Power Outage: Supervisory Supervisory Power Outage Lock Out / Tag Out: Additional AC:

Request Title: D98 Trk.2 Interlocking Maintenance (Emergency)

Figure 17: This is page 4 of the GOTRS sheet for the emergency track work.

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE] Reviewed By: SAFE [ID] [DATE] Approved By: SAFE [ID] [DATE]

GOTRS - GENERAL ORDERS & TRACK RIGHTS SYSTEM Track Rights Request

Request Summary Request Number: 202327701400 Track Access: True Clear In Ten: Dates Requested: 10/07/2023 01:00 to: 10/07/2023 06:30 False Request Status: Closed **Equipment on Track:** Allow Piggybacks: Requestor: True Requestor Organization: TRST/TRACK In Piggyback: No Tag #: Closed (2023280726-S) Power Outage: Supervisory Supervisory Power Outage Lock Out / Tag Out: Additional AC: Request Title: D98 Trk.2 Interlocking Maintenance (Emergency) **Close-Out Summary** Requestor Comment: Delays

Figure 18: This is page 5 of the GOTRS sheet for the emergency track work.

Incident Date: 10/07/2023 Time: 04:38 hours

Final Report - Serious Injury Rev. 1

E23703

Drafted By: SAFE [ID] [DATE] Reviewed By: SAFE [ID] [DATE] Approved By: SAFE [ID] [DATE] Page 29

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