

Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170905-WMATA-AG-1 | | | | | |
|-----------------------------------------------------------|-------------------------|--------------|--------------|---------------------------|---------------------|-----------------|--------------|------|--|--|
| inspection Date | 2017 | 09 | 05 | Report Number | 20170905-WWATA-AG-1 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | Sub- Department | | TKIN | | |
| Rail Agency Department Contact Information | | Name | | Email | Office Phone | | Mobile Phone | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| nspection Location N-Line, Track 2, Wiehle-Reston East (N | | | | to Spring Hill (N04) | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 3 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspection Sub | ject | Job Saf | ety Brie | efing | | | Activity Co | ode | TR | K | JSB | OBS |
|---------------------------------------------|---------------|----------------|------|-----------|-----------------------------|-------------------|---------------|------------------------|---------------|----------|------------|--------|------------------|------|
| Job Briefing Employee Name/Title | TRST 6 | 034 | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 100 133 | | Outside Shift | No |
| Related Reports | N/A | | | | Related CAPS / Findings N/A | | | N/A | | | | | | |
| | Ref | | | Rule or S | or SOP Standard | | | | Other / Title | | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWPN | 1 | | | | | | | | | | | | |
| Standards, or other | MSRPI | 4 | | | | | | | | | | | | |
| nspection Location | Main Track | Yard | Stat | tion | CC | RTA Facility | FTA Office | T T | At-grad | e Tunnel | | Ele | evated | N/A |
| Inspection Location | х | | | | | | | Track Type | x | | | | | |
| | | Track | | | | Chain Ma | rker | | From | | | | То | |
| Line(s) | N-Line | Numb | er | Track | 2 | and/or St | ation(s) | Wiehle-Resto | on East (N06 |) | Sprin | g Hill | (N04) | |
| | Head | l Car Number | | Number | of Cars | | | | | | | | | |
| Vehicles | | N/A | | N/# | 4 | Equip | ment | N/A | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWort cn=ADAM ANTHONY GIOVANDO Date: 2017.09.08 09:54:44 -04'00' | Date hTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Mike Vitale | | |



| Description. | | | | | - f - t - h - | | | | NL | | _ | | | 0 |
|----------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------|------------|------------|-----------|------------------|------|
| Description | | O Inspector i RWIC) at Wie | | , | | 0 | | | | of Defect | | | | 0 |
| | briefing | covered the t | ype of | f on-track | protec | tion (i.e. <i>,</i> 1 | rain Approad | ch Warning | | ended Fi | | 42 | | No |
| | | the working I | | | | | | | Remedia | l Action F | kequire | a? | | No |
| | | ne day, locati ent (PPE), and | | | | | | otective | Recomm | ended Re | einspec | tion? | | No |
| Remedial Action | N/A | | | | | | | | | | | | | |
| Inspection Activity # | 2 In | spection Sub | ject | Track W | /alker C | bservatio | n | | Activity Co | ode | TR | К | WI | PI |
| Job Briefing Employee Name/Title | TRST 603 | 34 | | I | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 100 133 | | Outside Shift | No |
| Related Reports | N/A | | | | Relat | ed CAPS / | Findings | N/A | | | | | | |
| | Ref | | | Rule or S | SOP | | Standard | | Other / 1 | ïtle | | Check | list Refer | ence |
| Related Rules, SOPs, | TRST 100 | 00 | | | | | | | | | | | | |
| Standards, or Other | MSRPH | | | | | | | | | | | | | |
| Inspection Location | Main Track | Yard | Stati | ion C | DCC | RTA Facility | FTA Office | Track Type | At-grad | e Tu | nnel | Elev | ated | N/A |
| | х | | | | | | | The rype | х | | | | | |
| Line(s) | N-Line | Track Numb | Track 2 | | | | То | | | | | | | |
| | Head C | Car Number | - | Number o | of Cars | and/or 5 | tation(s) | Wiehle-Resto | on East (NO6 |) | Sprin | g Hill (N | 104) | |
| Vehicles | | N/A | | N/A | | Equi | oment | N/A | | | | | | |
| | | FWSO Inspectors observed WMATA employees and contractors perform a track inspection on track 2 of the N-Line between Wiehle-Reston East (N06) and Spring | | | | | | | | of Defect | S | | | 3 |
| | |). Inspectors | | | | | • | , , , | Recomm | ended Fi | nding? | | | Yes |
| | - | ly-issued rem | | - | | | | | Remedial Action Required? | | | | | Yes |
| Description | The follo | N2 1006+7 TRST 1000 striking the multiple co approach a an uneven | Manu 70. Manu e nose ollecto also ap wear | ual, 13.3.1 of the er or shoes la opeared to pattern. (| 14: End 6: There nd appro aying or o be mi (See figu | approach e was evide oach at N2 n the balla saligned w ures 1 and | cover board ence of collec 2 1006+70. Th st nearby. The vith the insula 2 below.) | nere were | Recomm | ended Re | einspec | tion? | | Yes |
| | • | not inspec measured There was | evider ting th a cran the pc | nce of tra his track, s ne situate otential to | o the v d benea o foul th | ertical def ath the ae | lection could | oectors were not be at N2 788+00 e. (See figure 3 | | | | | | |
| Remedial Action | • | WMATA m | nust ad | ijust the e | end app | roach at N | 2 1006+70. I2 1006+70. t N2 838+50. | | | | | | | |



Photos:



Figures 1 and 2: Missing cover board, evidence of collector shoes striking the nose of the end approach, and misaligned end approach at N2 1006+70.

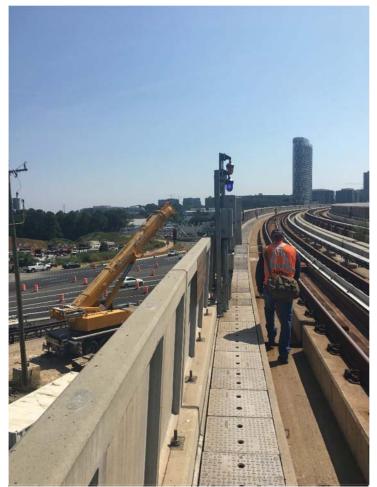


Figure 3: Crane beneath aerial structure at N2 778+00.



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170006 \ | 10T0 0 | C 1 | | | |
|------------------------|-------------------------|---------------|-------------------|---------------------------|---------------------|--------|-----|--------------|--|--|
| inspection Date | 2017 | 09 | 06 | Report Number | 20170906-WMATA-AG-1 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | TKIN | | | | |
| | 1 | Name | | Email | Office Phone | e | Ν | Nobile Phone | | |
| Rail Agency Department | | | | | | | | | | |
| Contact Information | | | | | | | | | | |
| Inspection Location | J-Line, Track | 2, Van Dorn S | treet (J02) to J2 | 624+00 | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 24 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Sub | ject | Job Saf | ety Brie | fing | | | | Activity Co | ode | TR | К | JSB | OBS |
|---------------------------------------------|-------------|----------|----------|-------|-----------|----------|----------------|--------|---------------|------------------------|-------------|-------|------------|------|------------------|------|
| Job Briefing Employee Name/Title | TRST | 6344 | | | | | mpani ctor? | | Yes | Out Brief Conducted | Yes | Time | 100 111 | - | Outside Shift | No |
| Related Reports | N/A | | | | | Relat | ed CA | PS / F | indings | N/A | | | | | | |
| | Ref | | | | Rule or S | SOP | | | Standard | | Other / T | Title | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWPI | Μ | | | | | | | | | | | | | | |
| Standards, or other | MSRF | РΗ | | | | | | | | | | | | | | |
| | Mai Trac | | Yard | Stati | on (| DCC | RT/ Facil | | FTA Office | T | At-grad | e Tu | nnel | Ele | evated | N/A |
| Inspection Location | х | | | | | | | | | Track Type | x | | | | | |
| Line(a) | J-Line | | Track | | Track | | Chair | n Mar | ker | | From | | | | То | |
| Line(s) | J-LINE | = | Numb | er | TIACK | <u> </u> | and/ | or Sta | ition(s) | Van Dorn Stre | eet (JO2) | | J2 62 | 4+00 | | |
| Malatata | Hea | ad Car N | umber | 1 | Number | of Cars | | | | N1 / A | | | | | | |
| Vehicles | | N/A | | | N/A | 4 | E | quipr | nent | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=US. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.09.08 10:01:37 -04'00' | Date prthTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Ken Sgroi, Mike Vitale | | |



| | | VSO Inspector | | - | - | - | - | | - | Number | of Defect | s | | | 0 | |
|---------------------------------------------|---------------|------------------------------------|---------|----------|-------------------|----------------|--------------|------------------|------------------------|-------------|------------|------------|-------|------------------|------|--|
| | | e (RWIC) at Var g covered the | | | | | | | | Recomm | ended Fi | nding? | | | No | |
| Description | |), the working | | | | | | | | Remedia | l Action F | Require | ed? | | No | |
| | | the day, locat nent (PPE), and | | | - | | | | otective | Recomm | ended Re | einspec | tion? | No | | |
| Remedial Action | N/A | | | | | | | | | | | | | | | |
| Inspection Activity # | 2 | Inspection Sul | oject | Track | Walker (| Observ | vation | 1 | | Activity Co | ode | TR | K | WI | PI | |
| Job Briefing Employee Name/Title | TRST 6 | 344 | | | | mpan ector? | | Yes | Out Brief Conducted | Yes | Time | 100 111 | | Outside Shift | No | |
| Related Reports | N/A | | | | Rela | ted C/ | APS / | Findings | N/A | | | | | | | |
| | Ref | | | Rule o | r SOP | | | Standard | | Other / T | ïtle | | Check | list Refer | ence | |
| Related Rules, SOPs, Standards, or Other | TRST 1 | .000 | | | | | | | | | | | | | | |
| | MSRPH | 4 | | | | | | | | | | | | | | |
| Inspection Location | Main Track | Vard | Stat | tion | OCC | | TA cility | FTA Office | Track Type | At-grad | e Tui | nnel | Elev | ated | N/A | |
| | х | | | | | | | | Thack Type | х | | | | | | |
| Line(s) | J-Line | Track | | Trac | k 2 | | in Ma | rker ation(s) | | From | | | | То | | |
| | Hood | l Car Number | - | Numbo | er of Cars | anu | 1/01 50 | ation(3) | Van Dorn Stre | eet (JU2) | | JZ 62 | 4+00 | | | |
| Vehicles | пеац | N/A | | | I/A | | Equip | ment | N/A | | | | | | | |
| | | Inspectors obs | | | | | | | | Number | of Defect | ts | | | 24 | |
| | - | tion on track 2 tors also inspe | | | | | | | | Recomm | ended Fi | nding? | | | Yes | |
| | | ial actions. Tra | | | | | | | | Remedia | l Action F | Require | ed? | | Yes | |
| | 1115 h | ours and the i | nspect | ion tea | m was pie | cked u | up at J | 2 624+00. | | | | | | | | |
| | The fo | llowing color- | oded | defect | was obse | erved: | : | | | | | | | | | |
| | • | | | | | | | | n the joint bar | | | | | | | |
| | | on the rig immediat | | | | | s repai | ired by the ir | ispector | | | | | | | |
| | The fo | llowing non-co | olor-co | ded de | fects we | re obs | | | | | | | | | | |
| | • | 685+90. |) Man | ual, 13. | 3.4: The f | third r | rail an | chor arm wa | s broken at J2 | | | | | | | |
| | | |) Man | ual, 3.1 | . 2.5: Eme | ergenc | cy Trip | Station (ETS |) Box J-52 blue | | | | | | | |
| | | light was | | | | | | | | | | | | | | |
| | • | 672+00. |) Man | ual, 3.1 | .2.5: ETS | Box J- | -50 blu | ue light was o | out at J2 | | | | | | | |
| | • | |) Man | ual, 3.1 | . 2.5: ETS | Box J- | -49 blu | ue light was o | out at J1 | | | | | | | |
| Description | | 672+00. | | | | | | | | | | | | | | |
| | • | 665+00. |) Man | ual, 3.1 | .2.5: ETS | Box J- | -48 blu | ue light was o | out at J2 | Recomm | ended Re | einspec | tion? | | Yes | |
| | • | TRST 100 |) Man | ual, 3.1 | . 2.5: ETS | Box J- | -47 blu | ue light was o | out at J1 | | | | | | | |
| | | 665+00. | Mar | ual 3.4 | 3 5. 570 | Port | AG bl | in light was | out at 12 | | | | | | | |
| | • | 658+00. | vivian | uai, 3.1 | . 2.3: EIS | POX 1- | -40 DIL | ue light was o | Jul dl J2 | | | | | | | |
| | • | TRST 100 | | | | | y Guar | rd Rail was n | ot secured to | | | | | | | |
| | | the aerial | | | | | -11 bl | ue light was o | out at 12 | | | | | | | |
| | | 650+00 | , wall | uai, 3.1 | | DOX 1- | -++ DIU | ie ingrit was i | Julaijz | | | | | | | |

TRST 1000 Manual, 3.1.2.5: ETS Box J-41 blue light was out at J1

645+00.

645+00.

•



| | TRST 1000 Manual, 3.1.2.5: ETS Box J-40 blue light was out at J2 (40.12) |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 640+20. TRST 1000 Manual, 3.1.2.5: ETS Box J-39 blue light was out at J1 |
| | 640+20. |
| | TRST 1000 Manual, 3.1.2.5: ETS Box J-38 blue light was out at J2 639+00. |
| | TRST 1000 Manual, 3.1.2.5: ETS Box J-37 blue light was out at J1 639+00. |
| | TRST 1000 Manual, 3.1.2.5: ETS Box J-36 blue light was out at J2 637+00. |
| | TRST 1000 Manual, 3.1.2.5: ETS Box J-35 blue light was out at J1 637+00. |
| | TRST 1000 Manual, 3.1.2.5: ETS Box J-34 blue light was out at J2 632+00. |
| | • TRST 1000 Manual, 3.1.2.5: ETS Box J-33 blue light was out at J1 632+00. |
| | • TRST 1000 Manual, 3.1.2.5: ETS Box J-32 blue light was out at J2 624+00. |
| | • TRST 1000 Manual, 3.1.2.5: ETS Box J-31 blue light was out at J1 624+00. |
| | Other Notable Observations: |
| | Safety walkway at J2 665+00 was not secured. |
| | Right rail between J2 659+00 and 659+50 was not seated properly in fasteners. |
| | Fasteners were showing signs of deterioration at J2 632+45. |
| | To achieve compliance with WMATA's requirements: |
| | WMATA must replace the broken third rail anchor arm at J2 685+90. |
| | WMATA must repair ETS Box J-52 at J2 680+00. |
| | WMATA must repair ETS Box J-50 at J2 672+00. |
| | WMATA must repair ETS Box J-49 at J1 672+00. |
| | • WMATA must repair ETS Box J-48 at J2 665+00. |
| | WMATA must repair ETS Box J-47 at J1 665+00. |
| | WMATA must repair ETS Box J-46 at J2 658+00. |
| | WMATA must secure Emergency Guard Rail to aerial structure at J2 658+00. |
| | • WMATA must repair ETS Box J-44 at J2 650+00. |
| | WMATA must repair ETS Box J-44 at J2 650+00. |
| | WMATA must repair ETS Box J-43 at J1 650+00. |
| Remedial Action | • WMATA must repair ETS Box J-42 at J2 645+00. |
| | • WMATA must repair ETS Box J-41 at J1 645+00. |
| | WMATA must repair ETS Box J-40 at J2 640+20. |
| | • WMATA must repair ETS Box J-39 at J1 640+20. |
| | • WMATA must repair ETS Box J-38 at J2 639+00. |
| | |
| | WMATA must repair ETS Box J-37 at J1 639+00. |
| | |
| | • WMATA must repair ETS Box J-36 at J2 637+00. |
| | WMATA must repair ETS Box J-36 at J2 637+00. WMATA must repair ETS Box J-35 at J1 637+00. |
| | WMATA must repair ETS Box J-36 at J2 637+00. WMATA must repair ETS Box J-35 at J1 637+00. WMATA must repair ETS Box J-34 at J2 632+00. |
| | WMATA must repair ETS Box J-36 at J2 637+00. WMATA must repair ETS Box J-35 at J1 637+00. WMATA must repair ETS Box J-34 at J2 632+00. |



Form FTA-IR-1

Agency/Department Information

| Increation Data | YYYY | MM | DD | Report Number | 20170007 \\/\ | 1 A T A A A | 20170907-WMATA-AG-1 | | | | |
|-----------------------------------------------|-------------------------|------------------|-----------------|---------------------------|---------------------|-----------------|---------------------|--------------|--|--|--|
| Inspection Date | 2017 | 09 | 07 | Report Number | 20170907-WWATA-AG-1 | | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan / | Area Transit | Rail Agency Department | TRPM | Sub- Department | | | | | |
| | 1 | Name | | Email | Office Phone | ē | N | 1obile Phone | | | |
| Rail Agency Department Contact Information | | | | | | | | | | | |
| Inspection Location | McLean (N01 | .) - Alternating | Current (AC) Sv | witchboard (SWBD) | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspection | Subject | McLe | ean (N01) | – Safety Bri | efing | | Activity Co | ode | TP |) J | SB | OBS | | |
|---------------------------------------------|--------------|------------|---------|--------|------------|--------------------|---------------|------------------------|-------------|------|--------------|-------------|------------------|-----|--|--|
| Job Briefing Employee Name/Title | WMA. | TA Power P | rsonnel | | | ompanied ector? | Yes | Out Brief Conducted | Yes | Time | 0100 0500 | - (| Outside Shift | Yes | | |
| Related Reports | N/A | N/A | | | | ted CAPS / I | indings | N/A | | | | | | | | |
| | Ref Rule or | | | or SOP | | Standard | | Other / T | ïtle | | Checkl | list Refere | ence | | | |
| Related Rules, SOPs, Standards, or Other | RWPN | Λ | | | | | | | | | | | | | | |
| Standards) of Other | | | | | | | | | | | | | | | | |
| In an action I accelian | Mair Trac | Yard | St | ation | OCC | RTA Facility | FTA Office | Tue els Ture e | At-grad | e Tu | nnel | Elevated | | N/A | | |
| Inspection Location | | | | х | | | | Track Type | | | | | | х | | |
| Line(a) | N-Line | Tr | ick | NI / A | | Chain Ma | rker | | From | | | То | | | | |
| Line(s) | IN-LITTE | N | mber | N/A | L | and/or St | ation(s) | N/A | | | N/A | | | | | |
| | Hea | d Car Numb | er | Numb | er of Cars | | | | | | | | | | | |
| Vehicles | | N/A | | I | N/A | Equip | ment | N/A | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=US. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.13 14:02:52 -04'00' | |
|---------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| Description | FWSO personnel received a job safety briefing from the WMATA power personnel. | Number of Defects | 0 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power personnel covered the nearest hospital and safety | Recommended Finding? | No |
| | rule of the day. The potential safety hazards were discussed. | Remedial Action Required? | No |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspe | ction Subj | ject | | g utility fee | ernating Curr d #1 primary | . , | Activity Co | ode | TP | RI | M | OBS | |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------|---------------------------|-------------------------------|----------------|-----------|--------------------|----------|--|
| Job Briefing Employee Name/Title | WMA | TA Pow | ver Persor | nnel | Accomp Inspecto | | Yes | Out Brief Conducted | Yes | Time | 0100 - 0500 | _ | Outside Shift | Yes | |
| Related Reports | | | | | Related | CAPS / Fin | dings | | | | | | | | |
| | Ref | | | | Rule or | SOP | Standard | | Other / 1 | ïtle | | Checkli | hecklist Reference | | |
| Related Rules, SOPs, Standards, or Other | Hyundai (Manufacturer) Preventive Maintenance Instructions for HVF Vacuum Circuit Breakers (Triennial) | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| In a section I section | Mai Trac | | Yard | Station | OCC RTA FTA Facility Office | | | | At-grad | e Tu | nnel | Eleva | ted | N/A | |
| Inspection Location | | | | х | Track Type | | | | | | | | х | | |
| Line(s) | N-Lin | 0 | Track | Number | N/A | Chain Ma | rker | From | | | | | То | | |
| | | C | Hack | umber | 11/1 | and/or St | ation(s) | McLean (N01 |) – AC SWBD | – AC SWBD Room McLean (N01) – | | | | /BD Room | |
| Vehicles | Hea | ad Car N | | | er of Cars | Equip | ment | AC Hyundai V | acuum Circu | it Breake | r (1200A | A, 38 kV, | 3 Phase | (PH)) | |
| | An EV | N/A | | | N/A | er personne | el performing | nroventive | Number | | | | | 0 | |
| | | | • | | • | • | | /anufacturer) | | of Defect ended Fir | - | | | 0 No | |
| | | | | • | . , | | oard # 1 per | the | | Action F | - | 12 | | No | |
| | manu | ifacture | r's prever | ntive mainter | nance guio | lelines. | | | Kellieula | ACTION | equireu | 11 | | INU | |
| Description | Progr Graph utility was v Maint main | ammab nic Touc / feed. 1 vorking tenance and sec | le Logic C chpad on A This was d properly condary m | ontroller (PL AC SWBD #1 one to ensur as well as to ons Center (N nain breakers | C) with a l and teste the mai verify the AOC) for the were cor | Human Mac d switches t n tie/main a remote ind ne status (o rect. | automatic tra | e (HMI) ne loss of one nsfer scheme located in the the primary | Recommended Reinspection? | | | | | No | |
| Remedial Action | N/A | | | | | | | | | | | | | | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170907-WMATA-AG-2 | | | | | |
|-----------------------------------------------|-------------------------|---------------------------------------------------------------------|--------------|---------------------------|----------------------|---------------|--|--------------|--|--|
| inspection Date | 2017 | 09 | 07 | Report Number | 20170907-001 | 07-WWATA-AG-2 | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRPM Sub- Department | | | | | |
| | | Name | | Email | Office Phon | Office Phone | | Iobile Phone | | |
| Rail Agency Department Contact Information | | | | | | | | | | |
| Inspection Location | K-Line, Track | K-Line, Track 2, West Falls Church (K06) to East Falls Church (K05) | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-WI-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 11 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspe | ction Sub | ject | Job S | afety Bri | efing | | | | Activity Co | ode | TF | 0 | JSB | OBS |
|----------------------------------------|------------|------------------------|-----------|--------|-------------------|-----------------|--------|--------------|------------------------|---------------|-------------|------------|--------|------------------|-------------|-----|
| Job Briefing Employee Name/Title | TRPN | TRPM RWIC | | | | ompan ector? | | Yes | Out Brief Conducted | Yes | Time | 100 150 | | Outside Shift | No | |
| Related Reports | N/A | | | | | Rela | ted C/ | APS / F | indings | N/A | | | | | | |
| | Ref Rule c | | | | r SOP | | | Standard | | Other / T | Title | | Che | cklist Refer | ence | |
| Related Rules, SOPs, | RWP | Μ | |)2 | | | | | | | | | | | | |
| Standards, or Other | MSRI | PH | | R-17-0 | | | 03 | | | | | | | | | |
| | | Main Track Yard Sta | | Stat | tion | OCC | | TA cility | FTA Office | | At-grad | e Tui | nnel | Ele | evated | N/A |
| Inspection Location | х | | | | | | | | | Track Type | x | | x | | x | |
| Line(s) | K-Lin | ~ | Track | | Trac | 6.0 | Cha | in Mar | ker | | From | | | То | | |
| Line(S) | K-LIN | e | Numb | er | Track 2 and/or St | | | | ation(s) | West Falls Ch | urch (K06) | | East I | Falls C | Church (K05 |) |
| Mahialaa | Hea | ad Car N | lumber | | Numbe | r of Cars | | E an sina | | NI / A | | | | | | |
| Vehicles | | N/A | l l | | N | /A | | Equipr | aquipment N/A | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWort ANTHONY GIOVANDO Date: 2017.09.13 14:00:32 -04'00' | Date hTX, ou=DOT FRAFtWorthTX, cn=ADAM |
|---------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Inspector in Charge – Name | Inspection Team | | |
| Adam Giovando | Tino Sahoo | | |
| | | | |



| Remedial Action | | | |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| Description | WMATA RWIC covered the nearest hospital and safety rule of the day. The hazards, clearance areas, and communication were used as part of the discussion. In addition to the required PPE, the Advanced Mobile Flagger (AMF) had the required equipment and was compliant with "WMATA PERMANENT ORDER R-17-03, ADVANCE MOBILE FLAGGER, (FRIDAY APRIL 28, 2017)." This equipment consisted of a WMATA-approved flashing amber lantern/E-flare, orange flag (18'x18') calibrated working radio, air horn, and whistle. The AMF did notify the RWIC via positive communication (phone) that he was in place (next station ahead in the direction the mobile crew walked). The flashing amber lantern/E-flare and orange flag had been positioned at the end of the platform (8-car marker or end gate). No exceptions were taken. The FWSO inspector observed a WMATA RWIC (Roadway Worker in Charge) request foul time for one "hot spot" (K/N turnout) encountered during the mobile work crew's cable inspection walk. One hundred percent repeat back did occur on radio communication between the RWIC and the ROCC (Rail Operations Command Center). The RWIC relinquished foul time once mobile work crew completely walked through the "hot spot." No issues/concerns or exceptions taken to RWIC performing his duties. The RWIC complied with WMATA Permanent Order R-17-02. The FWSO Inspector did not note any defects. | Remedial Action Required? | No |
| | protection (RWP) IDs were checked and the working limits were reviewed. The | Recommended Finding? | No |
| | FWSO personnel received a job safety briefing from the WMATA roadway worker in charge (RWIC). All personal protective equipment (PPE) and roadway worker | Number of Defects | 0 |

| Inspection Activity # | 2 I | nspection Sub | ject | Cable I | nspectio | on Observa | tion | | Activity Co | ode | TF | þ | WI | PI |
|---------------------------------------------|---------------------------------------|---------------------------------------------------------------------------|------|----------|----------|-------------------|---------------|------------------------|-------------|------------|------------|----------|------------------|-------|
| Job Briefing Employee Name/Title | TRPM F | RWIC | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 100 150 | - |)utside Shift | No |
| Related Reports | N/A | | | | Relat | ted CAPS / | Findings | N/A | | | | | | |
| | Ref | | | Rule or | SOP | | Standard | | Other / 1 | Title | | Checkli | ist Refe | rence |
| | TRST 10 | 000 | | | | | | | | | | | | |
| | DD-TP- | SSI-013 | | | | | | | | | | | | |
| Related Rules, SOPs, Standards, or Other | INSTRU FOR JUI EXPANS TRANSI | ICATION CTIONS (EMI) MPER, SION, AND TION POWER REPLACEMEN | т | | | | | | | | | | | |
| | Main Track | Vard Sta | | on | осс | RTA Facility | FTA Office | | At-grad | e Tu | nnel | Eleva | ted | N/A |
| Inspection Location | х | | | | | | | Track Type | х | | | Х | | |
| | | Track | | | | Chain Ma | rker | | From | | | | То | |
| Line(s) | K-Line | Numb | er | Track | 2 | and/or St | | West Falls Ch | urch (K06) | | East F | alls Chu | rch (KO | 5) |
| | Head | Car Number | ٩ | Number | of Cars | | | | | | | | | |
| Vehicles | | | | | | Equip | ment | N/A | | | | | | |
| | | nspector obse | | | | | | | Number | of Defect | ts | | | 11 |
| Description | | vo of the K-Lin The inspector a | | | | • | , | alls Church | Recomm | ended Fi | nding? | | | Yes |
| | (100).1 | inspector t | | peccedit | | and contaitio | | | Remedia | I Action I | Require | d? | | Yes |

| | The following non-color-coded defects were observed: DD-TP-SSI-013: K2 487+00 – Five orange boot power connection assemblies missing sealing collar. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 516+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 511+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 509+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 507+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K2 507+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 500+50. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 496+00. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 493+00. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 493+00. TRST 1000 Manual, 13.5.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 518+00. TRST 1000 Manual, 13.3.14: Third rail cover board missing at K1 517+00. Other Notable Observations: Heater tape wiring conduit broken and exposed to the elements at K2 511+00. Cables laying on the ground at K2 509+00. Cables laying on the ground at K2 508+00. Cables laying on the ground at K2 508+00. Cables laying on the ground at K2 508+00. Expansion cables laying on the ground at K2 407+00. Expansion cables laying on the ground at K2 407+00. Expansion cables laying on the ground at K2 407+00. Expansion cables laying on the ground at K2 407+00. Cables laying on the ground at K2 463+00. Cables laying on the ground at K2 463+00. Cables laying on the ground at K2 463+00. Cabl | Recommended Reinspection? | Yes |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|
| Remedial Action | To achieve compliance with WMATA's requirements: WMATA must replace third rail cover board at K1 518+00. WMATA must replace third rail cover board at K1 517+00. WMATA must replace third rail cover board at K1 516+00. WMATA must replace third rail cover board at K2 511+00. WMATA must replace third rail cover board at K2 509+00. WMATA must replace third rail cover board at K2 507+00. WMATA must replace third rail cover board at K1 500+50. WMATA must replace third rail cover board at K1 496+00. WMATA must replace third rail cover board at K1 493+00. WMATA must replace third rail cover board at K1 487+00. WMATA must replace sealing collar at K2 487+00. | | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170908-WMATA-AG-1 | | | | |
|-----------------------------------------------|-------------------------|----------------|-----------------|---------------------------|---------------------|--------------|--------------|--|--|
| inspection Date | 2017 | 09 | 08 | Report Number | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan / | Area Transit | Rail Agency Department | TRPM | Sub- Departm | nent | | |
| | I | Name | | Email | Office Phone | e | Mobile Phone | | |
| Rail Agency Department Contact Information | | | | | | | | | |
| Inspection Location | Duke Street (| C97) Traction | Power Substatio | on (TPSS) and C1 574+00 |) | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 I | nspection Sub | ject | | Duke | Street (C97 |) TPSS Safety | / Br | iefing | Activity Co | de | TP | , | JSB | OBS |
|---------------------------------------------|---------------|--------------------------------|------------|-----------------------------|----------|-------------------|---------------|------|------------------------|-------------|-------------|-------------|------------|------------------|-----|
| Job Briefing Employee Name/Title | WMAT | RWIC | | | | mpanied ector? | Yes | - | Out Brief Conducted | Yes | Time | 0100 050 | | Dutside Shift | Yes |
| Related Reports | N/A | | | Related CAPS / Findings N/A | | | I/A | | | | | | | | |
| | Ref | | | | Rule | or SOP | Standard | | Other / T | ïtle | | Checkl | ist Refere | ence | |
| Related Rules, SOPs, Standards, or Other | RWPM | | | | | | | | | | | | | | |
| standards, or other | | | | | | | | | | | | | | | |
| Inspection Location | Main Track | Yard | Station | С | DCC | RTA Facility | FTA Office | | | At-grade | e Tun | nel | Eleva | ited | N/A |
| | х | | | | | | | | | | х | | | | |
| Line(a) | Cline | Trock | Number | | | Chain N | larker | | | From | | | | То | |
| Line(s) | C-Line | Ггаск | vumber | | N/A | and/or | Station(s) | | N/A | | | N/A | Ą | | |
| | Head | Car Number | Num | ber o | of Cars | | | | . / . | | | · | | | |
| Vehicles | | N/A | | N/A | | Equip | nent | | I/A | | | | | | |
| | | ersonnel rece | | | | • | | | | Number | of Defects | | | | 0 |
| Description | 0 | RWIC). All per on (RWP) IDs | • | | | . , | | | | Recomm | ended Find | ding? | | | No |
| | protect | 011 (1101) 103 | were eneck | | ia the t | | is were revie | | .a. me | Remedia | l Action Re | equired | 1? | | No |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWort cn=ADAM ANTHONY GIOVANDO Date: 2017.09.13 14:05:37 -04'00' | Date hTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | spots, used a | hazard: is part c | s, cleara of the dis | | omn | nunicat | ion, and Ro | rule of the day badway Acces | | | Recomm | Recommended Reinspection? | | | | No |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------|----------|--------------|---------|-----------------------|---------------------------------|------|------------------------|--------------|---------------------------|-------|-----------------|------------------|-----|
| Remedial Action | N/A | | | | | | | | | | | | | | | |
| Inspection Activity # | 2 | Inspec | tion Sub | ject | | | Street (C9 acement | 7) TPSS - Cable | e | | Activity Co | de | | ТР | RM | OBS |
| Job Briefing Employee Name/Title | WMAT | TA RWI | 2 | | | | mpanied ector? | Yes | 1 | Out Brief Conducted | Yes | Time | | 0100 to 0500 | Outside Shift | Yes |
| Related Reports | N/A | | | | | Relat | ted CAPS / | Findings | ١ | N/A | | | | | | |
| Related Rules, SOPs, Standards, or Other | ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE (REVISION 2, SEPTEMBER 16, 2016) | | Rule | or SOP | Standard | | | Other / T | itle | | Che | ecklist Refe | rence | | | |
| Inspection Location | Mair Tracl | | Yard | Station | 0 | 220 | RTA Facility | FTA Office | 1 | Frack Type | At-grade | e T | unne | el El | evated | N/A |
| | x | | | | | | | | | | | | Х | | | |
| Line(s) | C-Line | | Treak | Number | 1 | Track | Chain | Marker | 1 | | From | | | I | То | |
| Line(s) | C-Line | | паск | vumber | | 1 | and/o | r Station(s) | 1 | Duke Stree | t (C97) TPSS | | | C1 574+(| 00 | |
| Vehicles | Неа | d Car Ni N/A | umber | Num | ber o N/A | of Cars | Equi | oment | F | Power Cables | (1000 kcmil | , 2 kV) | | | | |
| | | | | | | • | | ent and elect | | | Number | of Defe | ts | | | 0 |
| | | | | 0 | | 0 | | feeder cable 1 .ine Portal). | 150 | feet from | Recomm | ended F | indi | ng? | | No |
| Description | | | . , | | | | | , | | | Remedia | l Action | Req | uired? | | No |
| | The F\ | NSO Ins | pector a | and WMAT | A pe | rsonne | l did not no | ote any defect | ts. | | Recomm | ended F | eins | pection? | | No |
| Remedial Action | N/A | | | | | | | | | | | | | | | |



United States Department of Transportation Federal Transit Administration

Agency/Department Information

| Inspection Date | YYYY | MM | DD | Report Number | 20170909-WMATA-AG-1 | | | | | |
|-----------------------------------------------|-------------------------|--------------|--------------|---------------------------|---------------------|--------------|---------|--------------|--|--|
| inspection Date | 2017 | 09 | 09 | Report Number | 20170909-WWATA-AG-1 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | Sub- Dep | artment | Maintenance | | |
| Pail Agancy Donartmont | | Name | | Email | Office Phone | Office Phone | | Mobile Phone | | |
| | | | | | | | | | | |
| Rail Agency Department Contact Information | | | | | | | | | | |
| contact information | | | | | | | | | | |
| | | | | | | | | | | |
| Inspection Location | e-Reston East (N06). | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 1 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspection S | ubject | Job Saf | ety Brie | fing | | | Activity Co | ode | TR | K | JSB | OBS |
|---------------------------------------------|-------------|--------------|--------|-----------|-----------------------------|-------------------|---------------|------------------------|-------------|------|---------------|-------|------------------|-------|
| Job Briefing Employee Name/Title | TRST | 669 | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 0900- 1200 | | Outside Shift | No |
| Related Reports | N/A | | | | Related CAPS / Findings N/A | | | N/A | | | | | | |
| | Ref | | | Rule or S | SOP | | Standard | | Other / T | ïtle | | Che | cklist Refe | rence |
| Related Rules, SOPs, Standards, or Other | RWPN | N | | | | | | | | | | | | |
| Standards, or other | MSRP | Ч | | | | | | | | | | | | |
| nenoction Location | Mai Trac | Yard | Sta | tion | occ | RTA Facility | FTA Office | T | At-grade Tu | | innel E | | evated | N/A |
| Inspection Location | x | | | | | | | Track Type | x | | | | | |
| | | Tra | ck | Turt | | Chain Ma | rker | | From | | | | То | |
| Line(s) | N-Line | e Nur | nber | Track | 1 | and/or St | ation(s) | Spring Hill (N | 04) | | Wieh | le-Re | ston East (I | N06) |
| | Hea | d Car Numbe | r | Number | of Cars | | | | | | | | | |
| Vehicles | | N/A | | N// | Ą | Equip | ment | N/A | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO Disitally signed by ADAM ANTHONY GIOVANDO Disc=US, o=US. Government, ou=FRA FRAFtWorthTX, ou=DOT FRAFtWorthTX, on=ADAM ANTHONY GIOVANDO Date: 2017.09.13 13:53:27 -04'00' |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inspector in Charge – Name | Inspection Team |
| Adam Giovando | Adam Giovando, Ken Sgroi |
| | |



| Description | The FWSO Inspectors received a job safety briefing from the roadway worker in charge (RWIC) at Spring Hill (NO4) prior to entering the roadway. The briefing covered the type of on-track protection (i.e., Train Approach Warning (TAW)), the working limits, where to clear, known hazards and hotspots, safety rule of the day, location of nearest hospital, a check of personal protective equipment (PPE), and roadway worker protection (RWP) ID. | Number of Defects Recommended Finding? Remedial Action Required? Recommended Reinspection? | 0 No No No |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------|
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspection Sub | ject | Track V | Valker O | bservatior | ı | | Activity Co | ode | TR | K | WI | PI |
|---------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------|------------------|---------------|------------------------|-------------|------------|------------|------|------------------|-------|
| Job Briefing Employee Name/Title | TRST 6 | 69 | | | Accor Inspe | npanied ctor? | Yes | Out Brief Conducted | Yes | Time | 090 120 | | Outside Shift | No |
| Related Reports | N/A | | | | Relat | ed CAPS / | Findings | N/A | | | | · | | |
| | Ref | | | Rule or S | SOP | | Standard | | Other / T | ītle | | Cheo | klist Refe | rence |
| Related Rules, SOPs, Standards, or Other | TRST 1 | .000 | | | | | | | | | | | | |
| Standards, or Other | MSRPH | ł | | | | | | | | | | | | |
| | Main Track | Yard | Stat | tion | occ | RTA Facility | FTA Office | T | At-grad | e Tui | nnel | Ele | vated | N/A |
| Inspection Location | х | | | | | | | Track Type | x | | | | | |
| Line(a) | N-Line | Track | | Track 1 | | | From | | | | То | | | |
| Line(s) | N-Line | Numb | per Track 1 and/or Station(s | | ation(s) | Spring Hill (N | 04) | | Wieh | le-Res | ton East (| N06) | | |
| | Head | l Car Number | | Number | of Cars | | | | | | | | | |
| Vehicles | | N/A | | N/A | 4 | Equip | ment | N/A | | | | | | |
| | | Inspectors per | | | 0 | • | | • | Number | of Defect | s | | | 1 |
| | | yees on track 1 106). Inspectors | | | | 1 0 | · · · | | Recomm | ended Fi | nding? | | | Yes |
| | Last (i | iooj. inspector. | 5 10110 | wed up o | ii pievio | usiy-1550e0 | | | Remedia | I Action F | Require | ed? | | Yes |
| Description | The fo | The following color-coded defect was observed: • TRST 1000 Manual, 11.5 Track Surface, Table 11-3: A uniform profile deviation of 1 % inches was observed at N1 800+40, on the aerial | | | | | | | | | Yes | | | |
| Remedial Action | To ach | ieve compliand | | | | | | | | | | | | |
| | • | WMATA n | nust re | epair the | uniform | profile de | viation at N1 | 800+40. | | | | | | |



Photos:



Figures 1 & 2: Churned ballast at the location with a 1 ½" uniform profile deviation. Ballast indents on the sides of the concrete crossties indicate the amount of dynamic movement under loaded operations.



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170909-WMATA-AG-2 | | | | | |
|------------------------------------------------------|-------------------------|--------------|--------------|---------------------------|--------------------------|--|--------------|--|--|--|
| inspection Date | 2017 | 09 | 09 | Report Number | | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST Sub-Department TPRO | | | | | |
| Rail Agency Department | | Name | | Email | Office Phone | | Mobile Phone | | | |
| | | | | | | | | | | |
| Contact Information | | 1 | | | | | | | | |
| | | | | | | | | | | |
| nspection Location A-Line, track 1 and 2, between Tv | | | | (A13) and Medical Cen | ter (A10) | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 7 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Insp | pection Sub | ject | Roadwa Briefing | ' | ker Protecti | on (RWP) – J | lob Safety | Activity Co | ode | TR | К | JSB | OBS |
|---------------------------------------------|-----------|--------|--------------|------|--------------------|---------|-------------------|---------------|------------------------|-------------|-------|------------|--------|------------------|------|
| Job Briefing Employee Name/Title | RWIC | C, TRS | 5T Unit #610 | 1 | | | mpanied ector? | No | Out Brief Conducted | No | Time | 220 030 | | Outside Shift | No |
| Related Reports | N/A | | | | | Relat | ed CAPS / | Findings | N/A | | | | | | |
| | Ref | | | | Rule or S | SOP | | Standard | | Other / 1 | Title | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWP | М | | | | | | | | | | | | | |
| otandaras, or other | | | | | | | | | | | | | | | |
| | Ma Tra | | Yard | Stat | ion (| осс | RTA Facility | FTA Office | T | At-grad | e Tu | nnel | Ele | evated | N/A |
| Inspection Location | x | | | х | | | | | Track Type | x | | | | | |
| Ling(a) | A 1.5m | - | Track | | Track : | Land | Chain Ma | rker | | From | | | 1 | То | |
| Line(s) | A-Lin | e | Numb | er | 2 | | and/or St | ation(s) | Twinbrook (A | .13) | | Medi | cal Ce | enter (A10) | |
| | Hea | ad Cai | r Number | | Number | of Cars | | | | | | | | | |
| Vehicles | | N | I/A | | N/A | 1 | Equip | ment | N/A | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO Disc=US, 0=U.S. Government, 0u=FRA FRAFtWorthTX, 0u=DOT FRAFtWorthTX, cn=ADAN ANTHONY GIOVANDO Date: 2017.09.13 13:54:22 -04'00' |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inspector in Charge - Name | Inspection Team |
| Adam A. Giovando | Adam Giovando & Ken Sgroi |
| | |



| Description | The job safety briefing was provided by TRST unit #6101 at Twinbrook (A13) | Number of Defects | 0 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | briefing table. The briefing was thorough and fully compliant with WMATA's | Recommended Finding? | No |
| | Roadway Worker Protection Manual (RWPM) requirements. It included WMATA level-1 ID check, type of protection, inaccessible track (IT), potential hazards, hot | Remedial Action Required? | No |
| | spots and hospital locations, red tag outage number, and safety rule of the day. | | |
| | No exceptions were taken with the job safety briefing. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspe | ection Sub | ject | RWPS | Setup Ins | pection | | | Activity Co | ode | TR | K | WI | PI |
|---------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------|-----------|-----------|------------|------------------|-------|
| Job Briefing Employee Name/Title | RWIC | , TRST | Unit #610 | 1 | | | mpanied ector? | No | Out Brief Conducted | No | Time | 220 03 | | outside Shift | No |
| Related Reports | N/A | | | | | Relat | ted CAPS / I | Findings | N/A | | 1 | | | | |
| | Ref | | | | Rule or | SOP | | Standard | | Other / T | ītle | | Checkl | ist Refei | rence |
| Related Rules, SOPs, Standards, or Other | MSR | РΗ | | | | | | | | | | | | | |
| | RWP | M | | | | | | | | | | | | | |
| Inspection Location | Mai Trac | | Yard | Stati | on | осс | RTA Facility | FTA Office | Track Type | At-grad | e Tui | nnel | Eleva | ted | N/A |
| | х | | | | | | | | | х | | | | | |
| Line(s) | A-Lin | е | Track Numb | er | Track 2 | 1 and | Chain Ma and/or St | | Twinbrook (A | From 13) | | Medi | ical Cente | To er (A10) | |
| | Неа | nd Car N | Number | 1 | Number | [•] of Cars | | | | , | | | | . (, | |
| Vehicles | | N/A | | | N, | | Equip | ment | N/A | | | | | | |
| | | | | | | • • | | spect roadw | | Number | of Defect | s | | | 7 |
| | | • | | • • | | | | and Structur | es (TRST) 2017 through | Recomm | ended Fi | nding? | | | Yes |
| | | | | • | | | | • | onal at chain | Remedia | Action F | Require | ed? | | Yes |
| Description | the T 502A The f | winbro ollowir T T T (I) T (I) T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C T C C | ng non-co IRST 1000 cover boar IRST 1000 cover boar IRST 1000 (ETS) cover IRST 1000 (ETS) cover IRST 1000 row spann classified a che TRST 1 IRST 1000 cover boar | Ior-coo Manu ds mis Manu ds mis Manu r was r Manu r was r Manu ing 14. is a ma 000 m Manu ds mis Manu | L. The R ded def al, 13.3 sing. al, 13.3 sing. al, 10.1 missing al, 10.1 missing al, 7.9. 3 inches intenar anual. al, 13.3 sing. al, 13.3 | ed Tag Pr ects wer 3.15: At A 3.15: At A 4.4.3: At A on the E 4.4.3: At A on the E 2.5: At A s. As geo hace defea 3.15: At A | e observed 2 668+00, 1 2 668+00, 1 2 657+80, 1 2 649+40, 1 TS box. 2 620+20, 1 TS box. 2 595+10, fn metry was l ct per section 2 509+10, 1 | e Number w : there are six there are two the Emergen the Emergen our defective peing mainta | o third rail cy Trip Station cy Trip Station e fasteners in a ained, this was nd 7.9.2.4 of ur third rail | Recomm | ended Re | einspec | tion? | | Yes |
| Remedial Action | To ac | V V V V V V V V | WMATA m WMATA m WMATA m WMATA m WMATA m WMATA m | nust ins nust ins nust re nust re nust re nust ins | stall mis stall mis place th place th place do stall mis | ssing cov ssing cov ne ETS bo ne ETS bo efective f ssing cov | er boards a ox cover at A ox cover at A fasteners at er boards a | | | | | | | | |



United States Department of Transportation Federal Transit Administration

| Agency/Department Inforr | nation | | | | | | | |
|-----------------------------------------------|-------------------------|----------------|--------------|---------------------------|--------------|-----------|--------------|--------------|
| Inspection Date | YYYY | MM | DD | Report Number | 20170909-WN | 4 A T A A | \mathbf{C} | |
| Inspection Date | 2017 | 09 | 09 | Report Number | 20170909-000 | /IATA-A | G-2 | |
| Rail Agency Name | Washington Authority | Metropolitan / | Area Transit | Rail Agency Department | TRPM | Sub- Dep | artment | |
| | | Name | | Email | Office Phone | ē | Ν | Aobile Phone |
| | | | | | | | | |
| Rail Agency Department Contact Information | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Inspection Location | Foggy Bottor | m-GWU (C04) - | - Track 1 | | | | | |
| Inspection Summary | | | | | | | | |

Insp

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | ction Subj | iect | | Fogg | y Bottom-GV | VU (C04) – S | afe | ety Briefing | Activity Co | de | TP | þ | JSB | OBS |
|----------------------------------------|-----------|----------|------------|---------|-------|---------|-------------------|---------------|-----|------------------------|-------------|-------|-------------|------|------------------|-----|
| Job Briefing Employee Name/Title | WMA | ATA RWI | IC | | | | mpanied ector? | Yes | | Out Brief Conducted | Yes | Time | 0200 060 | | Outside Shift | Yes |
| Related Reports | | | | | | Relat | ed CAPS / F | indings | | | | | | | | |
| | Ref | | | | | Rule | or SOP | Standard | | | Other / T | itle | | Cheo | cklist Refere | nce |
| Related Rules, SOPs, | RWP | Μ | | | | | | | | | | | | | | |
| Standards, or Other | | | | | | | | | | | | | | | | |
| Inspection Location | Ma Tra | | Yard | Station | C | осс | RTA Facility | FTA Office | т | rack Type | At-grade | e Tur | inel | Ele | evated | N/A |
| | Х | | | | | | | | 1 | ruuk rype | | 2 | < | | | |
| | | | | | | | Chain N | larker | | | From | | | | То | |
| Line(s) | C-Lin | e | Track N | Number | | N/A | | Station(s) | | N/A | | | N/A | 4 | | |
| | Hea | ad Car N | lumber | Numb | oer c | of Cars | | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equipr | nent | Ν | N/A | | | | | | |

| Inspector in Charge - Signature A | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorth ANTHONY GIOVANDO Date: 2017.09.18 11:00:47 -04'00' | Date X, ou=DOT FRAFtWorthTX, cn=ADAM |
|---------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



Vehicles

United States Department of Transportation Federal Transit Administration

Head Car Number

N/A

| | | | | | | • | VMATA road | | | Number | of Defects | | | | 0 |
|---------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----|-----------------|---------------------|---------------------------------|-----|------------------------|-------------|------------|-------------|---------|------------------|-----|
| | 0, | , , | | | | • • • | ind roadway | | | Recomm | ended Fin | ding? | | 1 | No |
| | | . , | | | | 0 | ts were revie Ile of the day | | | Remedia | l Action R | equired | ? | 1 | No |
| Description | spots, ha used as p | zards, cleara art of the di | nce areas, co | omn | nunicatio | on, and Roa | idway Access | | | Recomm | ended Rei | nspecti | ion? | No | |
| Remedial Action | N/A | | | | | | | | | | | | | | |
| Inspection Activity # | 2 In | spection Sul | oject | | 007 | Bottom-GV cement | VU (C04) - C | abl | le | Activity Co | ode T | | | RM | OBS |
| Job Briefing Employee Name/Title | WMATA | RWIC | | | Accom Inspec | npanied ctor? | Yes | - | Out Brief Conducted | Yes | Time | 0200 060 | |)utside Shift | Yes |
| Related Reports | | | | | Relate | ed CAPS / F | indings | | | | | | | | |
| Related Rules, SOPs, Standards, or Other | INSTRUC EXPANSIO POWER O SYSTEM SEPTEME TRACTIO DRAWIN | RING MODIF TIONS (EMI) DN, AND TR/ ABLES REPL WIDE (REVIS IER 16, 2016 N POWER DF G (DD-TP-SS) I 0, AUGUST | FOR JUMPER ANSITION ACEMENT ION 2,) :SIGN -013, | ٦, | Rule o | r SOP | Standard | | | Other / T | itle | | Checkli | st Refere | nce |
| Inspection Location | Main Track | Yard | Station | C | DCC | RTA Facility | FTA Office | т | Frack Type | At-grade | e Tun | inel | Eleva | ted | N/A |
| | х | | | | | | | | | | > | (| | | |
| Line(s) | C-Line | Track | Number | | Track | Chain N | | | | From | | | | То | |
| . / | | | | | 1 | and/or | Station(s) | | C1 68+00 | | | C1 68+00 | | | |

| contr assen boots train The F | WSO Inspector observed WMATA's power department and electrical ractors performing the task of replacing an orange boot cable connector mbly that was sliced open by a prime mover (PM). All the adjacent orange s were secured to the wall to remove them from the dynamic envelope of any or rail maintenance vehicle (RMV) that traverses the track. | Number of Defects Recommended Finding? Remedial Action Required? | 0 No No |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------|
| assen boots train The F | nbly that was sliced open by a prime mover (PM). All the adjacent orange s were secured to the wall to remove them from the dynamic envelope of any | | _ |
| boots train The F | s were secured to the wall to remove them from the dynamic envelope of any | Remedial Action Required? | No |
| Description The F | or rail maintenance vehicle (RMV) that traverses the track. | | |
| Desig Instru system | WSO inspector observed the contractor install the new orange boot cable ector assembly and secure the adjacent orange boots per Traction Power on Drawing DD-TP-SSI-013, issued August 2001 and Engineering Modification for jumper, expansion, and transition power cables replacement m wide, issued September 16, 2016. WSO Inspector and WMATA personnel did not note any defects. | Recommended Reinspection? | No |
| Remedial Action N/A | | | |

Equipment

Orange boot cable connector assembly

Number of Cars

N/A



United States Department of Transportation Federal Transit Administration

Agency/Department Information

| Inspection Date | YYYY | MM | DD | Report Number | 20170913-WM | | 2 1 | | | |
|-----------------------------------------------|----------------------------------------------------------------------------------|--------------|--------------|---------------------------|--------------|------------|--------|--------------|--|--|
| inspection Date | 2017 | 09 | 13 | Report Number | 20170913-001 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | Sub- Depar | rtment | ΤΚΙΝ | | |
| | 1 | Name | | Email | Office Phone | e | N | lobile Phone | | |
| Rail Agency Department Contact Information | | | | | | | | | | |
| Inspection Location | Spection Location C-Line, Tracks 1 and 2, Metro Center (C01) to Huntington (C15) | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|---|---|---|---|---|
| Activity Code | TRK-TGV-OBS | | | | | |
| Inspection Units | 1 | | | | | |
| Inspection Subunits | 1 | | | | | |
| Defects (Number) | 2 | | | | | |
| Recommended Finding | Yes | | | | | |
| Remedial Action Required ¹ | Yes | | | | | |
| Recommended Reinspection | Yes | | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspection Su | oject | Track G | eometry | / Vehicle Ir | spection | | Activity Co | ode | TR | К | TGV | OBS |
|---------------------------------------------|---------------|---------------|-------|---------------------------|---------|-----------------|---------------|------------------------|-------------|------|---------------|-------|------------------|------|
| Job Briefing Employee Name/Title | N/A | | | Accompanied Inspector? | | • | Yes | Out Brief Conducted | No | Time | 2200- 0400 | | Outside Shift | Yes |
| Related Reports | N/A | | | | Relate | ed CAPS / I | Findings | N/A | | | | | | |
| | Ref | | | Rule or S | OP | | Standard | | Other / T | ītle | | Che | ecklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | TRST 1 | 1000 | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | |
| | Mair Tracl | Yard | Stat | ion C | DCC | RTA Facility | FTA Office | | At-grade Tu | | innel E | | evated | N/A |
| Inspection Location | х | | | | | | | Track Type | x | | х | | х | |
| | | Track | | Tracks | 1 | Chain Ma | rker | | From | | | | То | |
| Line(s) | C-Line | Numb | | and 2 | | and/or St | | Metro Center | r (C01) | | Hunti | ngtor | n (C15) | |
| | Head | d Car Number | | Number o | of Cars | | | | | | | | | |
| Vehicles | | N/A | | N/A | L. | Equip | Equipment N | | N/A | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.18 11:09:05 -04'00' | Date thTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Mike Vitale | | |



| | FWSO Inspectors observed WMATA employees performing geometry testing with | Number of Defects | 2 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|
| | the track geometry vehicle (TGV) on tracks 1 and 2 of the C-Line between Metro Center (C01) and Huntington (C15). | Recommended Finding? | Yes |
| | The following color-coded defects were observed: | Remedial Action Required? | Yes |
| Description | TRST 1000, Table 13-2: Third rail elevation measured 1.41 inches above standard at C2 282+60. Multiple collector shoes were noted in this location. Red Condition. TRST 1000, Table 11-2: Track gauge measured 57.3 inches at C2 283+20. The Emergency Response Team (ERT) team was dispatched to install a gauge rod for revenue service. Black Condition. | Recommended Reinspection? | Yes |
| Remedial Action | To achieve compliance with WMATA's requirements: WMATA must correct third rail elevation at C2 282+60. WMATA must correct wide gauge condition at C2 283+20. | | |



Agency/Department Information

| Inspection Date | YYYY | MM | DD | Report Number | 20170913-WMATA-AG-2 | | | | |
|-----------------------------------------------|-------------------------|----------------|--------------|---------------------------|---------------------|---------------|--------------|--|--|
| inspection bate | 2017 | 09 | 13 | Report Number | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan / | Area Transit | Rail Agency Department | TRPM | Sub- Departme | nt | | |
| | | Name | | Email | Office Phone | e | Mobile Phone | | |
| Rail Agency Department Contact Information | | | | | | | | | |
| | | | | | | | | | |
| contact mormation | | | | | | | | | |
| | | | | | | | | | |
| Inspection Location | N1 500+00 to | o McLean (N01 |) - Track 1 | | | | | | |
| inspection Location | NT 200+00 (| | | | | | | | |
| Inspection Summary | | | | | | | | | |

3 4 6 Inspection Activity # 1 2 5 TP-JSB-OBS Activity Code **TP-WI-OBS Inspection Units** 1 1 **Inspection Subunits** 1 1 Defects (Number) 0 0 **Recommended Finding** No No **Remedial Action Required¹** No No **Recommended Reinspection** No No

Activity Summaries

| Inspection Activity # | 1 | Inspe | ction Sub | ject | McLean (N Crew) | 01) - Job Saf | ety Briefing (| Mobile Work | Activity Co | de | ТР |) JSB | OBS | | | |
|----------------------------------------|-----------|----------|-----------|-------------|------------------------|-----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|------------|---------------------|-----|--|--|--|
| Job Briefing Employee Name/Title | WMA | ATA RW | С | | Accompan Inspector? | | Yes | Out Brief Conducted | Yes | Time | 100 140 | | No | | | |
| Related Reports | N/A | | | | Related CA | .PS / Finding | şs | N/A | | | | | | | | |
| | Ref | | | | Rule or SOI | p | Standard | | Other / T | itle | | Checklist Reference | | | | |
| Related Rules, SOPs, | RWP | M | | | R-17-02 | | | | | | | | | | | |
| Standards, or Other | MSRPH | | | R-17-03 | | | | | | | | | | | | |
| Inspection Location | Ma Tra | | Yard | Statio n | осс | RTA Facility | FTA Office | Track Type | At-grade | e Tun | inel | Elevated | N/A | | | |
| | х | | | | | | | The rest of the re | х | | | х | | | | |
| | | | | | | Chain Mar | ker and/or | | From | | | То | | | | |
| Line(s) | N-Lin | ie | Track | Number | Track 1 | Station(s) | , | N/A | | | N/A | Ą | | | | |
| | Hea | ad Car N | lumber | Nun | nber of Cars | | | | | | | | | | | |
| Vehicles N/A N/A | | | | N/A | Equipment | | N/A | | | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorthT ANTHONY GIOVANDO Date: 2017.09.18 11:12:33 -04'00' | Date X, ou=DOT FRAFtWorthTX, cn=ADAM |
|---------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |
| | | | |



| | FWSO personnel received a job safety briefing from the WMATA roadway worker in | Number of Defects | 0 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | charge (RWIC). All personal protective equipment (PPE) and roadway worker | Recommended Finding? | No |
| | protection (RWP) IDs were checked and the working limits were reviewed. The WMATA RWIC covered the nearest hospital and safety rule of the day. The hazards, | Remedial Action Required? | No |
| Description | In addition to the required PPE, the Advanced Mobile Flagger (AMF) did have the required equipment, and was compliant with "WMATA PERMANENT ORDER R-17-03, ADVANCE MOBILE FLAGGER, (FRIDAY APRIL 28, 2017)." This equipment consisted of WMATA-approved flashing amber lantern/E-flare, orange flag (18"x18") calibrated working radio, air horn, and whistle. The AMF did notify the RWIC via positive communication (phone) that he was in place (next station ahead in the direction the mobile crew walked). The flashing amber lantern /E-flare and the orange flag had been positioned at the end of the platform (8-car marker or end gate). No exceptions were taken. The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspe | ction Sub | ject | Walking (| Observation | (Cable Inspec | ctio | on) | Activity Co | de | Т | P | WI | OBS |
|---------------------------------------------|--------------------------------|---------------------------------------------------|-------------------------------------------------------------------------|------------------------------|----------------------|-------------------|---------------|--------|------------------------|-------------------|--------------------------|---------------|---------|--------------------------------|-----|
| Job Briefing Employee Name/Title | WMA | TA RW | IC | | Accompa Inspector | | Yes | - | Out Brief Conducted | Yes | Time | 1000- 1400 | | Outside Shift | No |
| Related Reports | N/A | | | | Related C | APS / Findi | ngs | N | I/A | | | | | | |
| | Ref | | | | Rule or So | OP | Standard | | | Other / Title Che | | | | ecklist Reference | |
| | DRAW | VING (D | OWER DE: DD-TP-SSI- AUGUST 2 | 013, | | | | | | | | | | | |
| Related Rules, SOPs, Standards, or Other | INSTR JUMP TRAN REPLA | EUCTION ER, EXF SITION ACEMEN SION 2, | G MODIFI NS (EMI) F PANSION, POWER C NT SYSTEM , SEPTEME | OR AND ABLES A WIDE | | | | | | | | | | | |
| Inspection Location | Mai Trac | | Yard | Station | осс | RTA Facility | FTA Office | т | rack Type | At-grade | At-grade Tunnel Elevated | | vated | N/A | |
| inspection Location | x | | | | | | | | Tack Type | x | | | | х | |
| | | | | | | | a | | | From | | | | Elevated X To n (N01) | |
| Line(s) | N-Line | 9 | Track I | Number | Track 1 | Chain N and/or | Station(s) | | N1 500+00 | | | М | cLean (| N01) | |
| | Hea | d Car N | Number | Num | ber of Cars | | | | . / . | | | | | | |
| Vehicles | | N/A | A | | N/A | Equip | nent | N | I/A | | | | | | |
| | FWSC |) inspec | ctor obser | ved WMAT | A employee | es perform a | cable inspec | tio | n on track 1 | Number | of Defect | 5 | | | 0 |
| | | | | N1 500+00 |) and McLea | an (N01). Ins | pectors also | ins | pected | Recomm | ended Fir | iding? | I | | No |
| | cable | conditi | ions. | | | | | | | Remedia | l Action R | equire | ed? | | No |
| | No de | efects w | vere note | d. | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | |
| | | | servations | | | | | | | | | | | | |
| | | • | ion cables | | Recomm | ended Re | inspeo | ction? | | No | | | | | |
| | | • | | | ie ground a | | | | | | | | | | |
| | | • | | | ie ground a | | | | | | | | | | |
| | | | | | | | and N2 614+ | | | | | | | | |



Remedial Action N/A



Form FTA-IR-1

Agency/Department Information

| Increation Date | YYYY | MM | DD | Bonort Number | 20170012 \// | | | | |
|-----------------------------------------------|-------------------------------------------------------|------|----|---------------------------|---------------------|-----|--------------|--|--|
| Inspection Date | 2017 | 09 | 13 | Report Number | 20170913-WMATA-AG-3 | | | | |
| Rail Agency Name | Washington Metropolitan Area Transit Authority | | | Rail Agency Department | TRPM | | | | |
| | I | Name | | Email | Office Phone | e l | Mobile Phone | | |
| Rail Agency Department Contact Information | | | | | | | | | |
| Inspection Location | Tenleytown-AU (A07) – AC Switchboard (SWBD) #1 and #2 | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 1 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Subj | ect | Tenleyto | own-AU | (A07) – Sa | fety Briefing | | Activity Co | ode | TI | Р | JSB | OBS |
|---------------------------------------------|-------------|----------|------------|------|-----------|-----------------------------|------------------|---------------|------------------------|-------------|-------|--------------|-----|------------------|------|
| Job Briefing Employee Name/Title | WMA | ATA Pow | ver Persor | nel | | Accor Inspe | npanied ctor? | Yes | Out Brief Conducted | Yes | Time | 0100 0500 | | Outside Shift | Yes |
| Related Reports | N/A | | | | | Related CAPS / Findings N/A | | | | /A | | | | | |
| | Ref | | | | Rule or S | OP | | Standard | | Other / T | ïtle | | Che | cklist Refere | ence |
| Related Rules, SOPs, Standards, or Other | RWPI | M | | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | | |
| In a section I continue | Mai Trac | | Yard | Stat | ion C | OCC Fac | | FTA Office | Tuesda Taura | At-grad | e Tui | nnel | Ele | evated | N/A |
| Inspection Location | х | | | х | | | | | Track Type | | | Х | | | |
| Line (a) | A 15.0 | - | Track | | N1/A | | Chain Ma | rker | | From | | | | То | |
| Line(s) | A-Lin | е | Numbe | er | N/A | | and/or S | ation(s) | N/A | | | N/A | | | |
| | Hea | ad Car N | lumber | | Number o | of Cars | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equipment | | N/A | | | | | | |

| Inspector in Charge - Signature | ADAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.18 11:15:55 -04'00' | Date hTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA power personnel. | Number of Defects | 0 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power personnel covered the nearest hospital and safety | Recommended Finding? | No |
| Description | rule of the day. The potential safety hazards were discussed. | Remedial Action Required? | No |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspe | ection Subj | ject | | own-AU (Au ive Mainter |)7) – AC Swite Jance | chgear | Activity Co | ode | т | Р | RM | OBS |
|---------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------|--------------|-----------|------------------|-----|
| Job Briefing Employee Name/Title | WMAT | A Pov | wer Persor | nnel | nel Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 0100 0500 | | Outside Shift | Yes |
| Related Reports | N/A | | | | Related CAPS / Findings N/A | | | | | | | | | |
| | Ref | | | | Rule or SOP Standard | | | Other / Title Checkli | | | | dist Refe | ist Reference | |
| Related Rules, SOPs, Standards, or Other | TRST 1 | 000 | | | | | | | | | | | | |
| | Main Track | | Yard | Station | OCC RTA FTA Facility Office Track Type | | At-grad | e Tu | nnel | Elev | vated | N/A | | |
| Inspection Location | x | | | х | | | | | х | | | | | |
| | | | | | N/A Chain Marker and/or Station(s) Chain Marker AC SWBD Roor A1 256+00 | | From | | | | То | | | |
| Line(s) | A-Line | | Track N | Number | | | AC SWBD Ro | | Tenleytown-AU (A07), AC SWBD Rooms #1 and #2 A1 257+00 | | | - | | |
| | Head | Car N | Number | Numb | er of Cars Equipment N/A | | | | | | | | | |
| Vehicles | | N/A | 4 | | N/A | Equip | | | | | | | | |
| | | An FWSO Inspector observed WMATA's power personnel performing corrective | | | | | | | | of Defect | S | | | 1 |
| | mainte | nance | e on the A | C switchgea | r in AC sw | itchboard ro | oms #1 and | #2. | Recommended Finding? | | | | | Yes |
| | An FWS | SO Ins | spector ob | served WM | ATA engin | eering and | WMATA pow | er personnel | Remedial Action Required? | | | red? Yes | | Yes |
| Description | Interfatile breat Program reprogram done to the Ren remote The fol • T p | ce (HI akers mmak ramm onight note ely mo ely mo lowin RST 1 ost in | MI) on the were wor ble Logic C ned the pro t. Also, WI Terminal I onitor the ng new no 000 Manu sulators, f | AC switchgg king properly controller (Pl evious night MATA enging Jnit (RTU), v status of the n-color-code ial, 3.2.2.1 : | ear in both y. The Cer .C) in AC S by WMAT eering ens which in tu e PLC. ed track d Standing v s, and inve | n rooms #1 htral Process WBD room A engineer sured the PL irn allows W efect was o vater surrou | sing Unit (CPL #1 had been ng. Testing o C was comm /MATA engin bserved and | ensured the bus J) for the replaced and f that PLC was unicating with eering to noted: ng rails, 3 rd rail | | ended Re | inspec | tion? | | Yes |
| Remedial Action | | | • | e with WMA itigate wate | | | ins, and clea | n up standing w | ater from A: | 1 256+00 | to A1 2 | .57+00. | | |



Form FTA-IR-1

Agency/Department Information

| | YYYY | MM | DD | | | | | | |
|-----------------------------------------------|---------------------------------------------------|-----------------|-----------|---------------------------|---------------------|-----------|---------|--------------|--|
| Inspection Date | | | | Report Number | 20170914-WMATA-AG-1 | | | | |
| | 2017 | 09 | 14 | | | | | | |
| Rail Agency Name | Washington Metropolitan Area Transit Authority | | | Rail Agency Department | TRPM | Sub- Depa | artment | | |
| | | Name | | Email | Office Phone | 2 | N | 1obile Phone | |
| Rail Agency Department Contact Information | | | | | | | | | |
| Inspection Location | Braddock Ro | ad (C12) - Bati | tery Room | | | | | | |
| Inspection Summary | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 1 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspe | ction Subj | ject | Braddoo | k Road | (C12) – Saf | ety Briefing | | Activity Co | de | TP | JSB | OBS | |
|---------------------------------------------|-----------------------|----------|-------------|------|---------------------------|-------------------------|-----------------|------------------------|------------|-------------|-----------------|------------------|---------------------|-----|--|
| Job Briefing Employee Name/Title | WMATA Power Personnel | | | | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 1730 to 2130 | Outside Shift | Yes | | |
| Related Reports | 20170112-WMATA-AD-2 | | | | | Related CAPS / Findings | | | | | | | | | |
| | Ref | | | | Rule or S | ОР | | Standard | | Other / T | itle | C | Checklist Reference | | |
| Related Rules, SOPs, Standards, or Other | | | | | | | | | | | | | | | |
| standards, or Other | | | | | | | | | | | | | | | |
| | Mai Trac | | Yard Statio | | tion OCC | | RTA Facility | FTA Office | | At-grade | e Tur | nnel | Elevated | N/A | |
| Inspection Location | | | | х | (| | | | Track Type | | | | | х | |
| Lino(a) | C-Lin | ~ | Track | | | | Chain Mar | ker | | From | | То | | | |
| Line(s) | C-LIN | е | Numbe | er | N/A | | and/or Sta | ation(s) | N/A | | | N/A | 'A | | |
| | Hea | ad Car N | Number | | Number o | | | | | | | | | | |
| Vehicles | | N/A | A | | N/A | | Equipment | | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorthTX, cn=ADAM ANTHONY GIOVANDO Date: 2017.09.18 11:48:26 -04'00' | Date ou=DOT FRAFtWorthTX, |
|---------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA power personnel. | Number of Defects | 0 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power personnel covered the nearest hospital and safety | Recommended Finding? | No |
| | rule of the day. The potential for chemical burns, electrical shock, and explosion | Remedial Action Required? | No |
| Description | hazard was clearly articulated when working with batteries. An acid resistant apron, rubber gloves, and safety glasses were worn by all personnel present; including the FTA inspector. Fully insulated tools were used by WMATA electricians. The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Insp | ection Subj | ect | | ck Road (C1 ive Mainter | 2) – Battery E nance (PM) | Bank | Activity Co | de | TF | Р | RM | OBS |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|-----------------------------------------------------|------------------------------|----------------------------------------------|------------------------|------------------------|-----------|-------------------|--------|---------------------------------------|-----------|
| Job Briefing Employee Name/Title | WMA | TA Po | ower Persor | inel | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 1730 2130 | | Outside Shift | Yes |
| Related Reports | 20170 |)112-\ | WMATA-AD |)-2 | Related | CAPS / Fin | dings | Remedial Act | on ID #1125 | | | | | |
| | Ref | | | | Rule or SOP Standard | | | Other / T | Other / Title Checklis | | | | ence | |
| Related Rules, SOPs, Standards, or Other | WMATA Preventive Maintenance Inspection for Bi- Annual Battery Maintenance; Effective June 1, 2012 | | | | | | | | | | | | | |
| Inspection Location | Mai Trac | | Yard | Station | OCC RTA FTA Facility Office Track Type | | | | At-grade | e Tu | nnel | Ele | evated | N/A |
| | | | | Х | | | | | | | | | | Х |
| | | | | | | Chain Ma | rker | | From | | | | То | |
| Line(s) | C-Line Track Number N/A and/or Station(s) Brac | | Braddock Roa Battery Room | ()) | | | dock R ry Roc | oad (C12), om | | | | | | |
| Vehicles | Hea | id Car | Number | Numb | Number of Cars Equipment Round Cell Lead Acid Batte | | | | | | | A | · · · · · · · · · · · · · · · · · · · | |
| venicies | | N/ | 'A | I | N/A | Equip | ment | Kouliu Cell Le | au Aciu Dali | enes – Lu | icent (iv | lanura | acturer) ry | JE LISUIS |
| | | An FWSO Inspector observed WMATA's power personnel performing preventive maintenance on a 60-cell battery bank which was connected to the Uninterruptible | | | | | | | | | Number of Defects | | | |
| | | | | | | | ected to the L (AC) Switchb | | Recommended Finding? | | | | Yes | |
| | Room | | 51y (01 5) 111 | the adjacen | t Alternati | ing current | (AC) Switchb | Jaru (30000) | Remedia | red? Yes | | Yes | | |
| Description | maint Preve June 3 syster The fe The F | The FWSO Inspector observed WMATA personnel perform the preventive maintenance per the Engineering Modification Instruction (EMI), "WMATA Preventive Maintenance Inspection for Bi-Annual Battery Maintenance; Effective June 1, 2012." This PMI covers the three different types of batteries present in the system but has not been officially approved by WMATA | | | | | | | | | Yes | | | |
| | powe rectify | r pers y the v | onnel logge voltage vari | ed the issue ation in con | and will cr junction w | eate a worl vith a dedica | de tolerances corder to tro ated WMATA | ubleshoot and | | | | | | |
| Remedial Action | TO ac | o achieve compliance with WMATA's requirements: WMATA must bring positive and negative to ground voltages within the Braddock Road battery room back into tolerance with WMATA standard. | | | | | | | | | | | | |



United States Department of Transportation Federal Transit Administration

Agency/Department Information

| Inspection Date | YYYY | MM | DD | Report Number | 20170917-WMATA-AG-1 | | | | |
|-----------------------------------------------|----------------------------------------------------|----------------|--------------|---------------------------|---------------------|-------------|--------------|--|--|
| inspection Date | 2017 | 09 | 17 | Report Number | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan A | Area Transit | Rail Agency Department | TRPM | Sub- Depart | tment | | |
| | 1 | Name | | Email | Office Phone | | Mobile Phone | | |
| Rail Agency Department Contact Information | | | | | | | | | |
| Inspection Location | Fisher Ave. (K06) Traction Power Substation (TPSS) | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Subj | ect | Job Safe | ty Brief | ing | | | Activity Co | de | TF |) | JSB | OBS |
|---------------------------------------------|-----------|----------|-----------|-----|----------------|-----------------------------|-----------------|---------------|------------------------|-------------|-------|---------------|----------|------------------|------|
| Job Briefing Employee Name/Title | WMA | ATA TRPI | M Personi | nel | | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 0900- 1400 | | Outside Shift | Yes |
| Related Reports | N/A | | | | | Related CAPS / Findings N/A | | | N/A | N/A | | | | | |
| | Ref | | | | Rule or S | OP | DP Standard | | | Other / T | itle | | Che | cklist Refere | ence |
| Related Rules, SOPs, Standards, or Other | RWP | M | | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | | |
| luces ation 1 and in a | Ma Tra | | Yard Stat | | on C | осс | RTA Facility | FTA Office | Treads Truce | At-grade | e Tur | nnel | Ele | evated | N/A |
| Inspection Location | | | | х | | | | | Track Type | | | | | | х |
| | | I | Track | | | | Chain Mar | ker | From | | | То | | | |
| Line(s) | K-Lin | e | Numbe | r | N/A | | and/or Sta | | N/A | | | N/A | | | |
| | Hea | ad Car N | umber | ١ | Number of Cars | | | | | | l | | | | |
| Vehicles | | N/A | | | N/A | | Equipment | | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U5. Government, ou=FRA FRAFtWork cn=ADAM ANTHONY GIOVANDO Date: 2017.09.21 22:27:04 -04'00' | Date hTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA power personnel. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs | Number of Defects | 0 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | were checked. WMATA power personnel covered the nearest hospital and safety | Recommended Finding? | No |
| Description | rule of the day. | Remedial Action Required? | No |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Insp | ection Subj | ect | Prevent | ive Mainter | ance (PM) O | bservation | Activity Co | de | Т | Р | RM | OBS |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|----------------|----------------------|-----------------|----------------|---------------------------|----------------------|------------|--------------|----------|------------------|-----|
| Job Briefing Employee Name/Title | WMA ⁻ | ГА Ро | ower Person | nel | Accomp Inspect | | Yes | Out Brief Conducted | Yes | Time | 0900 1400 | | Outside Shift | Yes |
| Related Reports | N/A | | | | Related | CAPS / Fine | dings | N/A | | | | | | |
| | Ref | | | | Rule or SOP Standard | | | Other / T | Other / Title Checkl | | | | ence | |
| Related Rules, SOPs, Standards, or Other | WMATA PREVENTIVE MAINTENANCE INSPECTION FOR OVERCURRENT RELAYS 34.5 AND 13.8 kV ALTERNATING CURRENT (AC) SYSTEMS 728/1090 DAY INSPECTION (REV. 2, June 21, 2013) ABB (Manufacturer Leaflet) 41- 101U, Type CO-9 HILO Relay for (50/51) Overcurrent Relay | | | | | | | | | | | | | |
| Inspection Location | Mair Tracl | י ו | Yard | Station | осс | RTA Facility | FTA Office | Track Type | At-grade | e Tu | nnel | Elev | vated | N/A |
| | | | | х | | | | Пасктуре | | | | | | х |
| Line(s) | K-Line | | Track N | lumber | N/A | Chain Ma | rker | | From | | | | То | |
| Line(3) | IN EILING | | THERE | | | and/or St | ation(s) | Fisher Ave. (H | (06) TPSS | | Fishe | r Ave. (| (KO6) TPSS | |
| Vehicles | Hea | d Car | Number | Numbe | er of Cars | Equip | ment | (50/51) Alter | nating Curre | nt (AC) Ov | ercurr | ent Rel: | ave | |
| Venicies | | N/ | | | N/A | | | | | | rerearr | entitien | <i>x</i> y5 | |
| | | | | | | | el performing | | Number | of Defect | s | | | 0 |
| | | | | , | | 0 | tie-breaker, | es (incoming rectifier | Recomm | ended Fi | nding? | | | No |
| | transf | orme | er breaker #2 | L, and rectifi | er transfo | rmer break | er #2). Relays | were | Remedia | l Action F | Require | d? | | No |
| Description | removed from AC switchgear (SWGR) cubicles and tested for proper functionality and calibrated using a relay test apparatus. WMATA engineering dictates the proper settings and parameters that the relays are to be set to for each location. The FWSO Inspector observed WMATA personnel perform the preventive maintenance per the Preventive Maintenance Instruction (PMI), "WMATA PREVENTIVE MAINTENANCE INSPECTION FOR OVERCURRENT RELAYS 34.5 & 13.8 kV AC SYSTEMS 728/1090 DAY INSPECTION; Effective June 21, 2013." The FWSO Inspector did not note any defects. | | | | | | | | | | No | | | |
| Remedial Action | NI / A | N/A | | | | | | | | | | | | |



Agency/Department Information

| Inspection Date | YYYY | MM | DD | Report Number | 20170019 \// | | | | | | | |
|-----------------------------------------------|-------------------------|--------------------------------------------------|--------------|---------------------------|----------------------|---|--------------|--|--|--|--|--|
| inspection Date | 2017 | 09 | 18 | Report Number | 20170918-WMATA-AG-1 | | | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan / | Area Transit | Rail Agency Department | TRPM Sub- Department | | | | | | | |
| | | Name | | Email | Office Phone | 2 | Mobile Phone | | | | | |
| Rail Agency Department Contact Information | | | | | | | | | | | | |
| Inspection Location | Fisher Ave. (I | sher Ave. (K06) Traction Power Substation (TPSS) | | | | | | | | | | |
| Inspection Summary | | | | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspe | ection Subj | ect | Job Safe | ty Briefi | ng | | | Activity Co | de | TP | | JSB | OBS |
|---------------------------------------------|-------------|----------|-------------|------|-----------|-----------------------------|-----------------|---------------|------------------------|-------------|-------|-------------|------|------------------|------|
| Job Briefing Employee Name/Title | WMA | ATA TRF | PM Person | nel | | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 1000 140 | | Outside Shift | No |
| Related Reports | N/A | | | | | Related CAPS / Findings N/A | | | | | | | | | |
| | Ref | | | | Rule or S | OP | | Standard | | Other / T | itle | | Cheo | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWPI | M | | | | | | | | | | | | | |
| , | | | | | | | | | | | | | | | |
| | Mai Trac | | Yard | Stat | ion C | CC | RTA Facility | FTA Office | T | At-grade | e Tui | nnel | Ele | evated | N/A |
| Inspection Location | | | | х | | | | | Track Type | | | | | | х |
| Line(a) | Kling | | Track | | | | Chain Mar | rker | | From | | I | | То | |
| Line(s) | K-Line | e | Numbe | er | N/A | | and/or Sta | ation(s) | N/A | | | N/A | | | |
| Maketaka - | Hea | ad Car N | Number | | Number o | f Cars | | | NI (A | | | | | | |
| Vehicles | | N/A | 4 | | N/A | | Equip | ment | N/A | | | | | | |

| Inspector in Charge - Signature | ADAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.09.21 22:30:49 -04'00' | |
|---------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA power personnel. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs | Number of Defects | 0 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | were checked. WMATA power personnel covered the nearest hospital and safety | Recommended Finding? | No |
| Description | rule of the day. | Remedial Action Required? | No |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspe | ection Sub | ject | Prevent | ive Mainter | nance (PM) O | bservation | Activity Co | ode | TP | | RM | OBS | |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------|------------------------|---------------------|-------------|-------------|---------|------------------|-----|--|
| Job Briefing Employee Name/Title | WMA [*] | TA Pov | wer Persor | nnel | Accomp Inspect | | Yes | Out Brief Conducted | Yes | Time | 1000 140 | | Outside Shift | No | |
| Related Reports | N/A | | | | Related | CAPS / Fin | dings | N/A | | | | · | | | |
| | Ref | | | | Rule or | SOP | Standard | | Other / Title Check | | | | cklist Reference | | |
| Related Rules, SOPs, Standards, or Other | WMATA PREVENTIVE MAINTENANCE INSPECTION FOR UNDER/OVER VOLTAGE RELAYS 34.5 & 13.8 kV 720/1090 DAY INSPECTION – REV. 3, SEPTEMBER 8, 2000 | | | | | | | | | | | | | | |
| | Maii Trac | | Yard | Station | осс | RTA Facility | FTA Office | Tuesda Taura | At-grad | e Tu | nnel | Eleva | ated | N/A | |
| Inspection Location | | | | х | | | | Track Type | | | | | | х | |
| Line(s) | K-Line | | Track | Number | | | | | From | | | | То | | |
| Line(s) | K-LIIIC | | Hacki | umber | NA | and/or St | ation(s) | Fisher Ave. (K | (06) TPSS | | Fisher | Ave. (K | 06) TPSS | 5 | |
| Vehicles | Неа | d Car I | Number | Numb | er of Cars | Fauin | mont | (27/59) Alteri | nating Curro | nt (AC) Lir | adorualt | ago Pol | 21/5 | | |
| venicies | | N/A | 4 | 1 | N/A | Equip | ment | (27/59) Alten | liating curre | III (AC) UI | luervoit | age nei | ays | | |
| | | | | | | | el performing | | Number | of Defect | s | | | 0 | |
| | | | | 0 | , | 0 | rent (AC) switker and incor | 0 | Recomm | ended Fir | nding? | | | No | |
| | | ' | | • | · · | | | o , | Remedia | I Action R | Required | 1? | | No | |
| Description | The FV maint PREVE & 13.8 | eering for ea WSO Ir enance NTIVE 3 kV 72 | dictates th ch location nspector o e per the F E MAINTEN 20/1090 D | ne proper se n. bserved WM Preventive M IANCE INSPE AY INSPECTIO | removed from AC SWGR cubicles and tested for rated using a relay test apparatus. WMATA er settings and parameters that the relays are to be WMATA personnel perform the preventive ve Maintenance Instruction (PMI): "WMATA NSPECTION FOR UNDER/OVER VOLTAGE RELAYS 34.5 ECTION; Effective September 8, 2000." Note any defects. | | | | | | | | | No | |
| Remedial Action | N/A | | | | | | | | | | | | | | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170919-WMATA-AG-1 | | | | | | | |
|-----------------------------------------------|-------------------------|---------------------------------------------------------------|--------------|-----------------------------------------------------------------------------|---------------------|---|---|--------------|--|--|--|--|
| inspection Date | 2017 | 09 | 19 | Report Number | | | | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department TRST Sub- Department TKIN | | | | | | | | |
| | | Name | | Email | Office Phone | e | N | 1obile Phone | | | | |
| Rail Agency Department Contact Information | | | | | | | | | | | | |
| Inspection Location | C-Line, Track | -Line, Track 2, Braddock Road (C12) to National Airport (C10) | | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 11 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspe | ection Sub | ject | Job Sa | fety Brie | efing | | | Activity Co | ode | TRI | ĸ | JSB | OBS |
|----------------------------------------|-------------|----------|------------|------|---------|-----------------------------|-----------------|---------------|------------------------|-------------|-------|---------------|--------|------------------|------|
| Job Briefing Employee Name/Title | TRST | 6157 | | | | Accompanied Inspector? | | Yes | Out Brief Conducted | No | Time | 2200- 0300 | | Outside Shift | Yes |
| Related Reports | N/A | | | | | Related CAPS / Findings N/A | | | | | | | | | |
| | Ref | | | | Rule or | SOP | | Standard | • | Other / 1 | Title | | Cheo | cklist Refer | ence |
| Related Rules, SOPs, | RWPI | M | | | | | | | | | | | | | |
| Standards, or Other | | | | | | | | | | | | | | | |
| | Mai Trac | | Yard | Stat | tion | осс | RTA Facility | FTA Office | | At-grad | e Tui | nnel | Ele | evated | N/A |
| Inspection Location | х | | | | | | | | Track Type | x | | х | | х | |
| | | | Track | | | | Chain Ma | rker | | From | | | | То | |
| Line(s) | C-Lin | e | Numbe | er | Track | 2 | and/or St | | Braddock Roa | ad (C12) | | Natio | nal Ai | rport (C10) | |
| | Hea | ad Car I | Number | | Number | of Cars | | | | | | | | | |
| Vehicles | | N/A | Ą | | N/ | A | Equip | ment | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.09.21 22:43:03 -04'00' | |
|---------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name | Inspection Team | | |
| Adam Giovando | Adam Giovando, Mike Vitale | | |
| | | | |



| Description | |
|----------------------------------------|--|
| Remedial Action | |
| Remedial Action | |
| Inspection Activity # | |
| Job Briefing Employee Name/Title | |
| Related Reports | |
| | |
| Related Rules, SOPs, | |
| Standards, or Other | |
| Inspection Location | |
| | |
| Line(s) | |
| Line(s) | |
| Vehicles | |
| venicles | |
| FWSO Inspectors p Braddock Road (C1 | |
| | |
| | |
| | |



| | The following items remain open and will be issued individual remedial actions: TRST 1000, Table 6-3: Defective tie condition between C2 418+00 and 419+50. TRST 1000, 6.14.2.1: Defective grout pad at C2 399+00. TRST 1000, 6.14.2.1: Defective grout pads between C2 383+00 and 382+50. TRST 1000, 6.14.2.1: Defective grout pad at C1 372+00. |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remedial Action | To achieve compliance with WMATA's requirements: WMATA must replace non-defective ties at C2 521+00. WMATA must replace defective switch ties at C2 520+20, switch 1B. WMATA must replace frog at C2 520+20, switch 1B. WMATA must replace defective fasteners at C2 399+80. WMATA must replace missing cover board on kicker rail at C2 520+20. WMATA must replace broken 3rd rail anchor arm on kicker rail at C2 520+20. WMATA must replace missing door on ETS box at C2 485+00. WMATA must replace missing door on ETS box at C2 469+70. WMATA must replace missing door on ETS box at C2 431+00. WMATA must replace missing door on ETS box at C2 431+00. WMATA must replace defective ties between C2 418+00 and 419+50. WMATA must replace defective grout pads between C2 383+00 and 382+50. WMATA must replace defective grout pad at C1 372+00. |

Photos:



Figure 1: Low ballast condition at right rail tie end at C2 411+50. Ballast 8 inches below tie end.



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170919-WN | 10T0 0 | C 2 | | | | |
|------------------------|-------------------------|------------------------------------------------------------------|--------------|---------------------------|--------------|--------------------|-----|--------------|--|--|--|
| inspection Date | 2017 | 09 | 19 | Report Number | 20170919-001 | | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRPM | RPM Sub- Departmen | | | | | |
| | 1 | Name | | Email | Office Phone | е | N | 1obile Phone | | | |
| | | | | | | | | | | | |
| Rail Agency Department | | | | | | | | | | | |
| Contact Information | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Inspection Location | C and J-Lines | and J-Lines, Track 1, King Street (C13) to Van Dorn Street (J02) | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-WI-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 4 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Sub | ject | Job Saf | ety Brie | fing | | | Activity Co | ode | Т | P | JSB | OBS |
|---------------------------------------------|-------------|------------|--------------|------|-------------------|----------|-------------------|---------------|------------------------|-------------|------|------------|-----|------------------|------|
| Job Briefing Employee Name/Title | WMA | WMATA RWIC | | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 100 140 | - | Outside Shift | No |
| Related Reports | N/A | | | | | Relat | ed CAPS / | Findings | N/A | | | | | | |
| | Ref | | | | Rule or S | SOP | | Standard | | Other / 1 | ītle | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWP | Μ | | | R-17-02 | | | | | | | | | | |
| Standards, or Other | MSRF | PH | | | R-17-03 | | | | | | | | | | |
| | Mai Trac | | Yard Station | | on (| DCC | RTA Facility | FTA Office | Tuesda Taura | At-grad | e Tu | nnel | Ele | evated | N/A |
| Inspection Location | х | | | | | | | Track Type | x | х | | | х | | |
| 1:===(=) | C- an | d J- | Track | | Chain Ma | | | rker | | From | | | То | | |
| Line(s) | Lines | | Numbe | er | Track 1 and/or St | | | ation(s) | N/A | | | N/A | | | |
| | Hea | ad Car N | umber | 1 | Number of Cars | | | | | | | | | | |
| Vehicles | | N/A | | | N/A | A | Equip | oment | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:00:43 -04'00' | Date thTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA roadway worker | Number of Defects | 0 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | in charge (RWIC). All personal protective equipment (PPE) and roadway worker | Recommended Finding? | No |
| | protection (RWP) IDs were checked and the working limits were reviewed. The WMATA RWIC covered the nearest hospital and safety rule of the day. The | Remedial Action Required? | No |
| Description | hazards, clearance areas, and communication were used as part of the discussion. In addition to the required PPE, the Advanced Mobile Flagger (AMF) did have the required equipment, and was compliant with "WMATA PERMANENT ORDER R-17-03, ADVANCE MOBILE FLAGGER, (FRIDAY APRIL 28, 2017)." This equipment consisted of WMATA-approved flashing amber lantern/E-flare, orange flag (18"x18") calibrated working radio, air horn, and whistle. The AMF did notify the RWIC via positive communication (phone) that he was in place (next station ahead in the direction the mobile crew walked). The flashing amber lantern/E-flare and orange flag had been positioned at the end of the platform (8-car marker or end gate). No exceptions were taken. FWSO inspector observed WMATA RWIC (Roadway Worker in Charge) request foul time for five "hot spots" (portals, curve: restricted view, blind spot, and interlocking) encountered during the mobile work crew's cable inspection walk. One hundred percent repeat back did occur on radio communication between the RWIC and the Rail Operations Command Center (ROCC). The RWIC relinquished foul time once mobile work crew completely walked through the "hot spot." No issues/concerns or exceptions were taken to RWIC performing his duties. The RWIC was compliant with WMATA PERMANENT ORDER R-17-02 GRANTING FOUL TIME (FRIDAY, APRIL 28, 2017). The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | 1 |

| Inspection Activity # | 2 | Inspecti | on Subj | ect | Walkir | g Obsei | rvation (Ca | ble Inspectio | n) | Activity C | ode | Т | Р | WI | OBS |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------|--------|---------|---------|-------------------|----------------|------------------------|------------|-----------|-----------|-------|------------------|------|
| Job Briefing Employee Name/Title | WMAT | A RWIC | | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 100 14 | | Outside Shift | No |
| Related Reports | N/A | | | | | Rela | ted CAPS | / Findings | N/A | I | 1 | | | | |
| | Ref | | | | Rule or | SOP | | Standard | | Other / 1 | Гitle | | Chec | klist Refer | ence |
| | TRST 1 | 000 | | | | | | | | | | | | | |
| | DD-TP | -SSI-013 | | | | | | | | | | | | | |
| Related Rules, SOPs, Standards, or Other | ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE (REVISION 2, SEPTEMBER 16, 2016) | | | | | | | | | | | | | | |
| | Main Track | V: | ard | Statio | on | осс | RTA Facility | FTA Office | | At-grad | e Tu | nnel | Ele | vated | N/A |
| Inspection Location | х | | | | | | | | Track Type | х | | Х | | х | |
| Line(s) | C- and | J- | Track | | Trock | 1 | Chain N | arker | | From | | | То | | |
| Line(s) | Lines | Number Track 1 and/or Station | | | | | Station(s) | King Street (C | 213) | | Van I | Dorn (J | 02) | | |
| Vahielee | Head | l Car Nur | nber | Ν | lumber | of Cars | Ferry | | NI/A | | | | | | |
| Vehicles | | N/A | | | N/ | A | Equ | pment | N/A | | | | | | |
| | | | | | | | re observe | | | Number | of Defec | ts | | | 4 |
| | • | | T 1000 P +00 (Gr e | | - | | d rail cove | er board missi | ng at J1 | Recomm | nended Fi | nding? | | | Yes |
| Description | • | | • | | | | d rail cove | er board missi | ng on end | Remedia | Action | Require | ed? | | Yes |
| | | | | | - | | ondition). | | 5 | Recomm | nended R | einspeo | tion? | | Yes |



United States Department of Transportation Federal Transit Administration

| TRST 1000 Manual, 13.3.14: Third rail cover board missing at J1 627400 (Green Condition). ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE: J1 607400 – Expansion cable damaged and on gauge side of the third rail. Other Notable Observations: Cables lying on the ground and surrounded by trash and debris at J1 503400. Cables lying on the ground and surrounded by trash and debris at J1 506400. Cables lying on the ground at J1 515400. Cables lying on the ground at J1 524400. Cables lying on the ground at J1 53400. Cables lying on the ground at J1 534700. Cables lying on the ground at J1 54700. Cables lying on the ground at J1 564700. Cables lying on the ground at J1 574700. Cables lying on the ground at J1 674700 and J2 677400. Cables lying on the ground at J1 674700 and J2 672400. Cables lying on the ground at J1 674700 and J2 672400. Cables lying on the ground at J1 686400. Cables lying on the ground at J1 686400. Cables lying on the ground at J1 686400. Cables lying on the ground at J1 686400 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cables lying on the ground and surrounded by trash and debris at J1 503+00. Cables lying on the ground and surrounded by trash and debris at J1 506+00. Cables lying on the ground at J1 515+00. Cables lying on the ground at J1 524+00. Cables lying on the ground at J1 536+00. Cables lying on the ground at J1 537+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 560+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 607+00 and J2 607+00. Cables lying on the ground at J1 616+00 and J2 616+00. Cables lying on the ground at J1 617+00 and J2 617+00. Cables lying on the ground at J1 627+00 and J2 672+00. Cables lying on the ground at J1 627+00. Cables lying on the ground at J1 686+00. |
| 503+00. Cables lying on the ground and surrounded by trash and debris at J1 506+00. Cables lying on the ground at J1 515+00. Cables lying on the ground at J1 524+00. Cables lying on the ground at J1 536+00. Cables lying on the ground at J1 537+00. Cables lying on the ground at J1 538+00. Cables lying on the ground at J1 551+00. Cables lying on the ground at J1 562+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 575+00. Cables lying on the ground at J1 672+00 and J2 607+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 672+00 and J2 672+00. |
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| Cables lying on the ground at J1 593+00. Cables lying on the ground at J1 607+00 and J2 607+00. Cables lying on the ground at J1 616+00 and J2 616+00. Cables lying on the ground at J1 627+00 and J2 627+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 686+00. |
| Cables lying on the ground at J1 607+00 and J2 607+00. Cables lying on the ground at J1 616+00 and J2 616+00. Cables lying on the ground at J1 627+00 and J2 627+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 686+00. |
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| Cables lying on the ground at J1 627+00 and J2 627+00. Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 686+00. |
| Cables lying on the ground at J1 672+00 and J2 672+00. Cables lying on the ground at J1 686+00. |
| Cables lying on the ground at J1 686+00. |
| |
| Cables lying on the ground at J1 688+00. |
| |
| To achieve compliance with WMATA's requirements: |
| WMATA must replace expansion cable and install cables per EMI at J1 607+00. |
| Remedial Action•WMATA must replace missing cover board at J1 536+00. |
| WMATA must replace missing cover board at J1 566+60. |
| WMATA must replace missing cover board at J1 627+00. |

Photos:



Figure 1: J1 607+00 - Expansion cable damaged and on gauge side of the third rail.



Form FTA-IR-1

Agency/Department Information

| Increation Data | YYYY | MM | DD | Depert Number | 20170020 \ | | ` 1 | | | | |
|-----------------------------------------------|-------------------------|--------------------------------------------------------------|--------------|---------------------------|-----------------------------------|-----------|------------|--------------|--|--|--|
| Inspection Date | 2017 | 09 | 20 | Report Number | Report Number 20170920-WMATA-AG-1 | | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan / | Area Transit | Rail Agency Department | TRST | Sub- Depa | | | | | |
| | 1 | Name | | Email | Office Phone | 5 | N | lobile Phone | | | |
| Rail Agency Department Contact Information | | l | | | | | | | | | |
| Inspection Location | L-Line from L | L-Line from L'Enfant Plaza (F03) to Pentagon (C07) – track 1 | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-RWP-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 5 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Subj | ect | Job Safe | ty Briefi | ing/On-Trad | ck Protectior | 1 | Activity Co | de | TR | К | JSB | OBS |
|---------------------------------------------|-----------|-----------------|------------|--------|-------------------|-----------------|------------------|---------------|------------------------|--------------|-------|--------------|------------|------------------|------|
| Job Briefing Employee Name/Title | TRST | TRST Unit #6269 | | | | Accon Inspec | npanied ctor? | Yes | Out Brief Conducted | Yes | Time | 1000 1300 | | Outside Shift | No |
| Related Reports | N/A | N/A | | | | Relate | ed CAPS / F | indings | N/A | | | | | | |
| | Ref | | Rule or SC | | | OP | | Standard | | Other / T | itle | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWP | М | | | | | | | | | | | | | |
| | MSRI | РН | | | | | | | | | | | | | |
| | Ma Tra | | Yard | Statio | on C | осс | RTA Facility | FTA Office | | At-grade | e Tur | nnel | Ele | evated | N/A |
| Inspection Location | х | | | | | | | | Track Type | x | x | | х | | |
| Ling(a) | 1.1.5 | | Track | | Chain N | | Chain Mar | rker | | From | | То | | | |
| Line(s) | L-Lin | e | Numbe | er | Track 1 and/or St | | and/or Sta | tion(s) | L'Enfant Plaza | r (F03) Pent | | | agon (C07) | | |
| | He | ad Car N | umber | ١ | Number o | | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equipr | uipment N/A | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorth ANTHONY GIOVANDO Date: 2017.09.21 22:52:01 -04'00' | Date TX, ou=DOT FRAFtWorthTX, cn=ADAM |
|---------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Inspector in Charge – Name | Inspection Team | | |
| Adam Giovando | Ken Sgroi, Robert Maniuszko | | |
| | | | |



| | The FWSO inspection team received a job safety briefing from the roadway worker | Number of Defects | 0 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | in charge (RWIC) at L'Enfant Plaza (F03). The briefing covered the type of on-track protection, Train Approach Warning (TAW), where to clear, known hazards, and | Recommended Finding? | No |
| | hotspots. All personal protective equipment (PPE) was checked as well as roadway | Remedial Action Required? | No |
| | worker protection (RWP) IDs. | | |
| Description | The RWIC provided Advanced Watchman/Lookout #6210 and Advanced Mobile Flagger (AMF) #6121. | Recommended Reinspection? | No |
| | The FWSO team noted no defects with the job safety briefing or the on-track protections that were provided. | | |
| Remedial Action | N/A | | · |

| Inspection Activity # | 2 | Inspection Sub | ject | Track W | /alking I | nspection | | | Activity Co | de | TR | K | WI | PI |
|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----------------|------|
| Job Briefing Employee Name/Title | TRST | Unit #6269 | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 1000 1300 | | utside Shift | No |
| Related Reports | N/A | | | | Relat | ed CAPS / F | | | | | | | | |
| | Ref | | | Rule or S | OP | | Standard | | Other / T | ïtle | | Checklis | st Refer | ence |
| Related Rules, SOPs, Standards, or Other | TRST1 | L000 | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | |
| Inspection Location | Spection Location Track Yard S | | | | | RTA Facility | FTA Office | Track Type | At-grad | e Tu | nnel | Elevat | ed | N/A |
| | x | | | | | | | index rype | x | | Х | х | | |
| Line(s) | L-Line | Track | | Track 1 | | Chain Ma | | | From | | | | То | |
| 2 | L LINC | Numb | er | Truck | - | and/or Sta | ation(s) | L'Enfant Plaza | a (F03) | | Penta | agon (C07 |) | |
| Vehicles | Hea | d Car Number | I | Number o | of Cars | Equip | mont | NI/A | | Other / Title Checklist Reference At-grade Tunnel Elevated N/A X X X X om To To 03) Pentagon (C07) | | | | |
| venicies | N/A N/A Equipment N/A | | | | | | | | | | | | | |
| | The fo | The following color-coded defects were observed: Number of Defects | | | | | | | | | | | | 5 |
| | | | | - | | | | 7+60, the left in excess of | Recomm | ended Fir | nding? | | | Yes |
| | | 120 inches | | Remedia | l Action R | Require | d? | | Yes | | | | | |
| Description | The fo | 57%" static TRST 1000 evidence o 3/8" of mo A combine TRST 1000 effective fa bllowing non-co TRST 1000 box had no TRST 1000 box had no At L2 CM10 of vertical not author At L2 CM10 of vertical not author At L1 CM00 where the of a factor From L1 Cf out of the worker cou presented At L1 CM50 safety wall | with a Manual f gauge vemen d 57 1/ Manual stener d 57 1/ Manual stener d 57 1/ Manual stener d 57 1/ Manual stener d 54 10/ Manual stener d 59 170, web sh y weld. M053+(roadwa ild not a hazar 5+10, t st | an additio al, Table e wear, es at under la /8". Red C al, Table rs. Green led defec 5: At L1 C and the b s: five loose eral move r track 2; there wa nowed sig The web 00 to L1 C ay were b identify t rd to the he steps I degraded | nal %" of 11-2: At specially oad and Conditic 7-1: At Conditic 7-1: At Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditic Conditi | of lateral pu t L1 CM 162 y at the join d a static gar on. L1 CM 086+ on e observed: 00, the Eme t was not w ers were of under load. is a visual of ceable dip i prrosion. Th arked with § 00, the han nder numer d-grip rails a y workers in from the hi hunks of co | Ish. Red Con +60, the left t. There is al uge measure 30, there wa ergency Trip orking oserved and The FWSO In oservation o n the head o e area was v grease paint d-grip bars u rous cables. amongst the n this section gh safety wa norete missio | rail has so evidence of ment of 56 %". as 88" between Station (ETS) showed signs aspectors were nly. of the rail vithin 6-inches dated 2016. used to climb The roadway cables. This of the tunnel. Ik to the low | | ended Re | inspec | tion? | | Yes |



| | | To achieve compliance with WMATA's requirements: |
|-------|-------------|------------------------------------------------------------------------------------------------|
| | | • WMATA must correct the loose fasteners and pumping rail from L1 107+40 to 107+60. |
| Bomo | dial Action | WMATA must correct the gauge condition identified at L1 135+00. |
| Kenie | | WMATA must correct the noneffective fasteners at L1 86+30. |
| | | • WMATA must repair the conditions causing the gauge wear and 3/8" of movement at L1 CM162+60. |
| | | • WMATA must repair the ETS box at L1 CM153+00. |

Photo:



Figure 1: Safety Walk Stairs. Note exposed rebar, crumbled step and displaced step edge.



United States Department of Transportation Federal Transit Administration

Agency/Department Information

| Increation Data | YYYY | MM | DD | Report Number | 20170021 \// | | C 1 | | | | |
|-----------------------------------------------|--------------------------------------------------------|--------------|--------------|---------------------------|---------------------------|---|-----|--------------|--|--|--|
| Inspection Date | 2017 | 09 | 21 | Report Number | 20170921-WMATA-AG-1 | | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST Sub- Department TKIN | | | ΤΚΙΝ | | | |
| | I | Name | | Email | Office Phon | e | N | 1obile Phone | | | |
| Rail Agency Department Contact Information | | | | | | | | | | | |
| Inspection Location | C and J-Lines, Track 1, King Street (C13) to J1 642+00 | | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 8 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspect | tion Subj | ect | Job Safe | ety Brief | ing | | | | Activity Co | ode | TRK | | JSB | OBS | |
|---------------------------------------------|-------------|---------|-----------|-----|-----------|-----------------------------|-----------|-------------|---------------|------------------------|-------------|-------|--------------|---------------------|------------------|-----|--|
| Job Briefing Employee Name/Title | TRST | 6269 | | | | Accon Inspec | • | | Yes | Out Brief Conducted | Yes | Time | 1000 1400 | | Outside Shift | Yes | |
| Related Reports | N/A | | | | | Related CAPS / Findings N/A | | | | N/A | | | | | | | |
| | Ref | | | | Rule or S | OP | | | Standard | | Other / T | ïtle | | Checklist Reference | | | |
| Related Rules, SOPs, Standards, or Other | RWPN | RWPM | | | | | | | | | | | | | | | |
| Standards, or Other | | | | | | | | | | | | | | | Elevated N/A | | |
| | Mai Trac | | Yard Sta | | ion C | осс | | TA ility | FTA Office | T | At-grade | e Tui | nnel | Ele | evated | N/A | |
| Inspection Location | x | | | х | | | | | | Track Type | x | | х | x | | | |
| Line(s) | C and | J- | Track | | Track 1 | | Chai | in Mar | ker | | From | | | То | | | |
| Line(s) | Lines | | Numbe | r | паск 1 | | and | /or Sta | ation(s) | King Street (C | :13) | | J1 642 | £2+00 | | | |
| | Head Ca | | umber | I | Number o | of Cars | | | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equipment | | nent | N/A | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:03:02 -04'00' | |
|---------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name Adam Giovando | Inspection Team Lee Emard, Ken Sgroi | | |



| | TRST unit 6269 conducted a job safety briefing at King Street Station platform. | Number of Defects | 0 |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID, | Recommended Finding? | No |
| Description | personal protective equipment (PPE) verification, type of protection, hazards, and | Remedial Action Required? | No |
| Description | hospital location. | | |
| | The FWSO Inspectors took no exceptions to the job safety briefing. | Recommended Reinspection? | No |
| Remedial Action | N/A | | • |

| Inspection Activity # | 2 | Inspe | ection Sub | oject | Track | Inspecti | on | | | | Act | tivity Co | de | TR | К | WI | PI |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------|----------|---------------------|-----|-------------------|------------|---------------------------------------------------------------|---------|---------------------------|--------|--------------|-------|------------------|-------|
| Job Briefing Employee Name/Title | TRST Adva AMF | nce Wa | atchman 6 | 5280 | | Acco Insp | | anied r? | Yes | Out Brief Conducted | | Yes | Time | 1000 1400 | | Outside Shift | Yes |
| Related Reports | | | VMATA-A VMATA-W | | | Rela | ted | CAPS / I | Findings | Remedial Act | ion I | n ID #s: 1288, 1594, 1596 | | | | | |
| | Ref | | | | Rule o | or SOP | | | Standard | | | Other / Title Chec | | | | klist Refe | rence |
| Related Rules, SOPs, Standards, or Other | TRST- | -1000 r | rev. 6 | | | | | | | | | | | | | | |
| Inspection Location | Mai Trac | | Yard | Stat | tion | OCC RTA Facility | | FTA Office | Track Type | | At-grad | e Tu | nnel | Ele | vated | N/A | |
| | х | | | > | K | | | | | Пасктуре | | Х | | Х | | x | |
| | C and J- Lines Number Track 1 | | | | | | - | ain Ma d/or St | | From To King Street (C13) J1 642+00 | | | | | То | | |
| Vehicles | Head Car Number Number of Cars Equipment N/A | | | | | | | | | | | | | | | | |
| | FWSO Inspectors performed a remedial action verification and general observation Number of Defects | | | | | | | | | | | cts | | | 8 | | |
| | of tac | of tack conditions between King Street (C13) and J1 642+00 on track 1. | | | | | | | | | | Recomm | nended | Finding | ;? | | Yes |
| | board is missing. TRST 1000, 3.1.2.5: At J1 568+90, Emergency Trip Station (ETS) light is out at box J-17, track 1. TRST 1000, 3.1.2.5: At J1 584+90, ETS light is out at box J-21, track 1. TRST 1000, 3.1.2.5: At J1 600+10, ETS light is out at box J-27, track 1. TRST 1000, 3.1.2.5: At J1 607+50, ETS light is out at box J-27, track 1. TRST 1000, 3.1.2.5: At J1 614+90, ETS light is out at box J-29, track 1. TRST 1000, 3.1.2.5: At J1 614+90, ETS light is out at box J-31, track 1. A remedial action for this defect was addressed in WMATA's approach to Remedial Action 1596. TRST 1000, 3.1.2.5: At J1 630+03, ETS light is out at box J-33, track 1. A remedial action for this defect was addressed in WMATA's approach to Remedial Action 1594. Other notable observations: From CM J 568+90 to CM J 642+00: The ETS lights were not working on tracks 1 and 2. The ETS lights were already noted as remedial actions from J1 642+00 to Van Dorn Station on inspection report: 20170906-WMATA-AG-1. The following remedial actions were verified as complete: Remedial Action 1288: At J1 592+00, the heat shrink on conduit-stub up | | | | | | | | | | | Yes | | | | | |
| Remedial Action | To ac | was installed. To achieve compliance with WMATA's requirements: WMATA must install an end cover board on the third rail at CM J1 566+00, track 1. WMATA must repair the light at CM J1 568+90, box J-17, track 1. WMATA must repair the light at CM J1 584+90, box J-21, track 1. | | | | | | | | | | | | | | | |



| | WMATA must repair the light at CM J1 600+10, box J-25, track 1. WMATA must repair the light at CM J1 607+50, box J-27, track 1. WMATA must repair the light at CM J1 614+90, box J-29, track 1. | |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|



United States Department of Transportation Federal Transit Administration

Agency/Department Information

| Inspection Date | YYYY | MM | DD | Report Number | 20170022 \A/A | 10T0 0 | C 1 | | | | |
|-----------------------------------------------|------------------------------------|--------------|--------------|---------------------------|------------------------|-------------------------------------------------------------------|-----|--------------|--|--|--|
| inspection Date | 2017 | 09 | 22 | Report Number | 20170922-001 | 0170922-WMATA-AG-1 RPM Sub- Department Office Phone Mobile Phone | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRPM | Sub- Dep | | | | | |
| | | Name | | Email | Office Phone Mobile Ph | | | 1obile Phone | | | |
| | | | | | | | | | | | |
| Rail Agency Department Contact Information | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Inspection Location | McPherson Square (C02) – C2 015+00 | | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspe | ction Sub | ject | Job Safe | ety Brie | fing | | | Activity Co | ode | TP | | JSB | OBS |
|----------------------------------------|-----------|----------|-----------|------|-----------|----------------|------------------|---------------|------------------------|-------------|-------|-----------------|---------------------|------------------|-----|
| Job Briefing Employee Name/Title | WMA | ATA RW | ΊC | | | Accoi Inspe | mpanied ctor? | Yes | Out Brief Conducted | Yes | Time | 0100 to 0500 | | Outside Shift | Yes |
| Related Reports | N/A | | | | | Relat | ed CAPS / | Findings | | | | | | | |
| | Ref | | | | Rule or S | OP | | Standard | | Other / 1 | ītle | | Checklist Reference | | |
| Related Rules, SOPs, | RWP | M | | | | | | | | | | | | | |
| Standards, or Other | | | | | | | | | | | | | | | |
| | Ma Tra | | Yard | Stat | tion OCC | | RTA Facility | FTA Office | | At-grad | e Tur | nnel | Ele | evated | N/A |
| Inspection Location | х | | | | | | | | Track Type | | | х | | | |
| | <u></u> | | Track | | | | Chain Ma | rker | | From | | | | То | |
| Line(s) | C-Lin | e | Numbe | er | N/A | | and/or St | ation(s) | N/A | | | N/A | | | |
| | Hea | ad Car N | Number | | Number o | of Cars | | | | | | | | | |
| Vehicles | | N/A | N N | | N/A | | Equip | ment | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:03:54 -04'00' | |
|---------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name | Inspection Team | | |
| Adam Giovando | Tino Sahoo | | |
| | | | |



| | FWSO personnel received a job safety briefing from the WMATA roadway worker | Number of Defects | 0 |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | in charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. The | Recommended Finding? | No |
| Description | WMATA RWIC covered the nearest hospital and safety rule of the day. The hot | Remedial Action Required? | No |
| Description | spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. | Recommended Reinspection? | No |
| | The FWSO Inspector did not note any defects. | | |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Insp | ection Sub | ject | Cable R | Replacer | nent Obser | vation | | Activity Co | ode | TF | C | RM | OBS | |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|--------|------------|----------|--------------------------------|---------------|------------------------|-------------------|---------------|---------|--------------|--------------------|-----|--|
| Job Briefing Employee Name/Title | WMA ⁻ | TA RV | WIC | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 0100 | | Outside Shift | Yes | |
| Related Reports | N/A | | | | | Relat | ed CAPS / | Findings | N/A | | | | | | | |
| | Ref | | | | Rule or S | SOP | OP Standard | | | Other / Title Che | | | | hecklist Reference | | |
| Related Rules, SOPs, Standards, or Other | ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE (REVISION 2, SEPTEMBER 16, 2016) DD-TP-SSI-013 | | | | | | | | | | | | | | | |
| | | | 013 | | | | | | | | | | | | | |
| nspection Location | Mair Tracl | | Yard | Stati | on (| 000 | RTA Facility | FTA Office | Track Type | At-grad | e Tu | nnel | Ele | evated | N/A | |
| | x | | | | | | | | The type | | x | | | | | |
| Line(s) | C-Line | | Track Numbe | er | Track 2 | 2 | Chain Marker and/or Station | | C2 015+00 | From | | | To 015+00 | | | |
| | Head | d Car | Number | 1 | Number | of Cars | | | | | | | | | | |
| Vehicles | | N/. | 'A | | N/A | 4 | Equip | ment | N/A | | | | | | | |
| | The F\ | NSO I | Inspector of | bserv | ed WMA | TA's Po | wer Depart | ment and el | ectrical | Number | of Defec | ts | | | 0 | |
| | contra | octors | s performir | ng the | task of re | eplacing | four trans | ition cables. | | Recomm | ended Fi | nding? | | | No | |
| | In WM | 1ΑΤΑ' | 's shop bef | ore th | e night o | f work, | four 30-foc | ot length por | tions of 1000 | Remedia | Action | Require | d? | | No | |
| Description | kcmil were cut and pre-meggered for the transition cables to be installed. During the inspection, FWSO observed the contractor installing transition cables per the Engineering Modification Instruction (EMI) for jumper, expansion, and transition power cables replacement system wide and Traction Power Design Drawing, DD-TP-SSI-013. The FWSO Inspector and WMATA personnel did not note any defects. | | | | | | | | | ended R | Reinspection? | | | No | | |
| Domodial Action | | w30 | inspector | and W | IVIA I A P | ersonne | ei ala not n | ole any defe | cus. | | | | | | | |
| Remedial Action | N/A | | | | | | | | | | | | | | | |



Agency/Department Information

| Inspection Date | YYYY | MM | DD | Report Number | | | C 1 | | | |
|------------------------|-------------------------------------|--------------|--------------|---------------------------|---------------------|----------|------|--------------|--|--|
| inspection Date | 2017 | 09 | 23 | Report Number | 20170923-WMATA-AG-1 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | Sub- Dep | TPRO | | | |
| | 1 | Name | | Email | Office Phone | е | N | 1obile Phone | | |
| | Andrew Off | | | | | | | | | |
| Rail Agency Department | Mik | _ | | | | | | | | |
| Contact Information | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Inspection Location | Rosslyn Station (C05) Shutdown Area | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|------------|------------|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-RWP-PI | TRK-WI-OBS | | | |
| Inspection Units | 1 | 1 | 1 | | | |
| Inspection Subunits | 1 | 1 | 1 | | | |
| Defects (Number) | 0 | 0 | 0 | | | |
| Recommended Finding | No | No | No | | | |
| Remedial Action Required ¹ | No | No | No | | | |
| Recommended Reinspection | No | No | No | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Sub | ject | Job Safe | ety Brief | ng | | | Activity Co | ode | TR | K | JSB | OBS |
|---------------------------------------------|-----------------|---------|----------------|-------|-----------|-----------------------------|-----------------------------------|---------------|------------------------------|-------------|-------|------------|---------------|------------------|-----|
| Job Briefing Employee Name/Title | TRST | 6014 | | | | Accon Inspec | panied tor? | No | Out Brief Conducted | No | Time | 070 120 | | Outside Shift | No |
| Related Reports | N/A | | | | | Related CAPS / Findings N/A | | | | | | | | | |
| | Ref | | | | Rule or S | OP Standard | | | Other / T | Title | | Che | ecklist Refer | ence | |
| Related Rules, SOPs, Standards, or Other | RWPN | Л | | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | | |
| | Maiı Trac | | Yard | Stati | on C | осс | RTA Facility | FTA Office | | At-grad | e Tur | nnel | El | evated | N/A |
| Inspection Location | x | | | х | | | | | Track Type | x | | х | | | |
| | 6 | J IZ | Tuesda | | | | Chain Man | | | From | То | | | | |
| Line(s) | C- and Lines | J K- | Track Numbe | er | Track 2 | | Chain Marker and/or Station(s) | | C2 68+75 C2 184+70 K2 218+80 | | | | | | |
| Malatala a | Hea | d Car N | umber | Ν | lumber c | of Cars | | | N/A | | | | | | |
| Vehicles | | N/A | | | N/A | | Equip | ment | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVAND DN: c=US, o=U.S. Government, ou=FRA FRAFt cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 09:04:31 -04'00' | 0 Date WorthTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Lee Emard | | |



| | - | | • | • | | | | briefing table. | Number | of Defect | s | | | 0 | |
|---------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------------|-----------------------|---------------|------------------------|---------------------------|-----------|------------|----------------|------------------|------|--|
| | | efing was tho ion Manual (| | | | | | way Worker's | Recomm | ended Fi | nding? | | | No | |
| | | protection, i | | · · | | | | , | Remedial Action Required? | | | | | No | |
| Description | location | eptions were | tage n | iumber, a | nd safet | y rule of th | e day. | , | Recommended Reinspection? | | | | | No | |
| Remedial Action | N/A | | | | | | | | | | | | | | |
| Inspection Activity # | 2 I | nspection Su | | ay Worl | Activity Co | ode | TR | ĸ | RWP | PI | | | | | |
| Job Briefing Employee Name/Title | TRST 6014 Accompanied Inspector? No | | | | | | | Out Brief Conducted | No | Time | 07(12(| | Outside Shift | No | |
| Related Reports | N/A | | | | Relat | | | | 1 | | | | | | |
| Related Rules, SOPs, Standards, or Other | Ref Rule or S | | | | | OP Standard | | | Other / T | ïtle | | Chec | klist Refere | ence | |
| | RWPM | | | | | | | | | | | | | | |
| Standards, or other | MSRPH | | | | | | | | | | | | | | |
| | Main Track | Yard | Sta | tion | осс | RTA Facility | FTA Office | Tuesda Taura | At-grade Tu | | unnel E | | vated | N/A | |
| Inspection Location | х | | | | | | | Track Type | x x | | | | | | |
| | C | / Tool | | | | 0 | | | From | | | | То | | |
| Line(s) | C- and H Lines | K- Track Num | | Track | 2 | Chain Ma and/or St | | C2 68+75 | | | | 34+70 18+80 | | | |
| | Head | Car Number | | Number | of Cars | | | | | | 1 | | | | |
| Vehicles | | N/A | | N/ | A | Equip | ment | N/A | | | | | | | |
| | | SO Inspector | | | 0 | • | | Number | of Defect | s | | | 0 | | |
| | | verify the Ro e TRST Mobil | | , | | · · · | , , | in accordance | Recommended Finding? | | | | | No | |
| | | on track 2 of | | | • | 0 | 0 | | Remedial Action Required? | | | | | No | |
| | Arlingto | Arlington Cemetery (C06) and Clarendon (K02). All safety equipment was in pl and operational at both ends of work area. The Red Tag Numbers were | | | | | | | | | | | | | |

| | The FWSO Inspector did not note any defects. |
|-----------------|----------------------------------------------|
| Remedial Action | N/A |

Description

2017266A, 2017502A and 217504A.

in a safe and methodical manner.

At the working limits located at C2 68+75, a malfunctioning E-flare and

escort. No issues were noted at the working limits at K2 218+80.

overturned cone and flag were observed. Both conditions were corrected by a WMATA escort. At the working limits located at C2 184+70, the cone and flag again were knocked over. This condition was once again corrected by a WMATA

An FWSO Inspector reviewed the work plan and work in progress. All personal protective equipment (PPE) was worn and work in general was being performed

| Inspection Activity # | 3 I | nspection Sub | ject | Work Zo | one Ob | servation | | | Activity Co | de | TR | K WI | OBS |
|---------------------------------------------|----------------------------|---------------|------|-----------|-----------------|-------------------|------------|------------------------|-------------|------|------------|--------------|--------|
| Job Briefing Employee Name/Title | TRST 6014 | | | | | mpanied ector? | No | Out Brief Conducted | No | Time | 070 120 | | e No |
| Related Reports | N/A | | | | | ted CAPS / F | indings | N/A | | | | | |
| | Ref | | | Rule or S | OP | | Standard | | Other / T | itle | | Checklist Re | erence |
| Related Rules, SOPs, Standards, or Other | TRST 10 | 000 | | | | | | | | | | | |
| Standards, or Other | | | | | | | | | | | | | |
| Inspection Location | Main Track Yard Station | | on C | DCC | RTA Facility | FTA Office | Track Type | At-grade | e Tur | nnel | Elevated | N/A | |

No

Recommended Reinspection?



| | x | | | | | | | | | > | x | | | | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------|-------------------------|-------------------|--------------|--------------|----------------------|-------------------|---------|--------|-----|-----|-----|--|
| Line(s) | C-Line | Track | or | Track 2 | | Chain Marker | | | | From | | | | То | |
| | | Numbe | er | | and/or Station(s) | | C2 148+00 | | | C2 14 | 44+40 | | | | |
| | Head Car | Number | Nu | umber of Cars | | | | | | | | | | | |
| Vehicles | N, | /A | | N/A | Ec | quipr | ment | N/A | | | | | | | |
| | The work area included replacement and repair of rail, fasteners, special trac | | | | | | | | Humber of Bereets | | | | | 0 | |
| | | it pads, and 22 148+00 t | | air of a frog p 4+40 | oint at s | witc | h #3. The ac | Recommended Finding? | | | | | Yes | | |
| Description | was non v | 2 140100 (| .0 C2 14 | 4140. | | | | | Remedial A | ction R | equire | ed? | | Yes | |
| Description | The frog initially scheduled for welding repair was found to be unrepairable; a new frog was being sent from the yard for replacement. (See Figure 1 below.) Recommended Reinspection? Yes | | | | | | | | Yes | | | | | | |
| | The FWSO Inspector did not note any defects. | | | | | | | | | | | | | | |
| Remedial Action | N/A | | | | | | | | | | | | | | |

Photos:



Figure 1: Cracked frog point at switch #3.



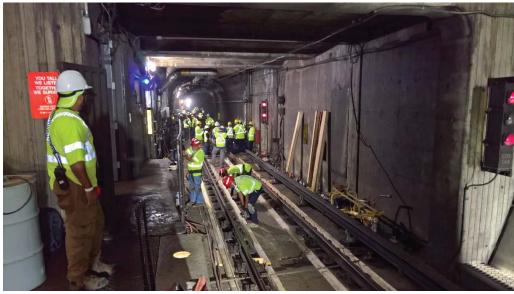


Figure 2: WMATA work crew constructing forms for new grout pads.



Figure 3: Switch components removed from switch #3.





Figure 4: WMATA personnel demolishing grout pads.



United States Department of Transportation Federal Transit Administration

| Agency/Department Information | |
|-------------------------------|--|
|-------------------------------|--|

| Inspection Date | YYYY | MM | DD | Report Number | 20170022 \// | | | | | |
|-----------------------------------------------|-------------------------|-----------------|---------------|---------------------------|---------------------|-----------------|--------------|--|--|--|
| inspection bate | 2017 | 09 | 23 | Report Number | 20170923-WMATA-AG-2 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan / | Area Transit | Rail Agency Department | TRPM | Sub- Department | | | | |
| | | Name | | Email | Office Phone | 2 | Mobile Phone | | | |
| Rail Agency Department Contact Information | | | | | | | | | | |
| Inspection Location | Metro Cente | r (CO1) – Track | 1 and Track 2 | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Subj | ect | | Metr | o Center (CC | 01) – Safety B | Brie | fing | Activity Code | | TI | P | JSB | OBS |
|---------------------------------------------|-----------------------------------------|---------|-----------|---------|---|--------|-------------------|----------------|------|------------------------|---------------|-------|------------|---------------------|------------------|-----|
| Job Briefing Employee Name/Title | WMA | ATA RWI | С | | | | mpanied ector? | Yes | | Out Brief Conducted | Yes | Time | 020 060 | - | Outside Shift | Yes |
| Related Reports | N/A | | | | | Relat | ed CAPS / F | indings | Ν | I/A | /A | | | | | |
| | Ref | | | | | Rule | or SOP | Standard | | | Other / T | itle | | Checklist Reference | | |
| Related Rules, SOPs, Standards, or Other | lated Rules, SOPs, andards, or Other | | | | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | | | |
| Inspection Location | Mai Trac | | Yard | Station | C | OCC | RTA Facility | FTA Office | т | rack Type | At-grade | e Tur | inel | Ele | evated | N/A |
| | Х | | | | | | | | | | | > | (| | | |
| | | | | | | | Chain N | larker | | | From | То | | | | |
| Line(s) | C-Lin | e | Track N | lumber | | N/A | | Station(s) | | N/A | | | | N/A | | |
| | Head Car Number Numb | per o | of Cars | | | | | | | | | | | | | |
| Vehicles | | N/A | A N/A | | | Equipm | | nent | Ν | 1/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=US. Government, ou=FRA FRAFtWorth ANTHONY GIOVANDO Date: 2017.09.29 13:52:05 -04'00' | Date TX, ou=DOT FRAFtWorthTX, cn=ADAM |
|---------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA roadway worker in | Number of Defects | 0 |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. The | Recommended Finding? | No |
| Description | WMATA RWIC covered the nearest hospital and safety rule of the day. The hot | Remedial Action Required? | No |
| Description | spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. | Recommended Reinspection? | No |
| | The FWSO Inspector did not note any defects. | | |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspe | ection Sub | ject | Metro Ce | ente | r (C01) - (| Cable Replac | em | ient | Activity Co | de | | TP | RM | OBS | |
|---------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------|------------------------------|----------|------|--------------------------------|------------------|-----|--|
| Job Briefing Employee Name/Title | WMA | TA RW | /IC | | Accompa Inspector | | d | Yes | | Out Brief Conducted | Yes | Time | | 0200- 0600 | Outside Shift | Yes | |
| Related Reports | N/A | | | | Related 0 | CAP | S / Findir | igs | Ν | I/A | | | | | | | |
| | Ref | | | | Rule or S | OP | | Standard | | | Other / T | | Che | Checklist Reference | | | |
| Related Rules, SOPs, Standards, or Other | JUMP TRAN REPLA (REVI 2016) TRAC DRAV | INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE (REVISION 2, SEPTEMBER 16, 2016) TRACTION POWER DESIGN DRAWING (DD-TP-SSI-013, REVISION 0, AUGUST 2001) Main Track X | | | | | | | | | | | | | | | |
| Inspection Location | | | Yard | Station | OCC | F | RTA Facility | FTA Office | т | rack Type | At-grade | Tunnel | | el El | evated | N/A | |
| | Х | | | | | | | | | | | Х | | | | | |
| | | | | | | | | | | From | | | | То | | | |
| Line(s) | C-Line | 9 | Track I | Number | Tracks 1 and 2 | | Chain N and/or | larker Station(s) | | C2 15+00 C1 5+00 C2 5+00 | C1 | | | C2 15+00 C1 5+00 C2 5+00 | C1 5+00 | | |
| Vehicles | Hea | ad Car I N/A | Number A | Num | oer of Cars N/A | | Equipr | nent | С |)range boot | cable connec | tor asse | mbl | ly | | | |
| | | | - | | | | | nt and electr | | | Number | of Defec | ts | | | 0 | |
| | | | • | 0 | 1 0 | | 0 | oot cable cor Jch that they | | | Recomme | ended Fi | indi | ng? | | No | |
| | | | | | • • | | • | ris surroundi | | , . | Remedia | Action | Req | uired? | | No | |
| Description | The F conne grour 013", jump Septe | ector a nd at C issued er, exp ember 1 | nspector o ssembly at 1 5+00 and 1 August 2(ansion, an 16, 2016. | t C2 15+00 d C2 5+00 p D01, and the d transitior | and elevate er "Traction e "Engineer n power cab | e exp n Po ring oles | pansion c ower Desi Modifica replacem | new orange b ables from ly gn Drawing I tion Instruct nent system- e any defect | ving DD- ion wic | g on the -TP-SSI- (EMI) for | Pr Recommended Reinspection? | | | | | No | |
| Remedial Action | N/A | | | | | | | | | | | | | | | | |

Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170026 \// | 10T0 0 | C 1 | | | |
|-----------------------------------------------|-------------------------|----------------|--------------------|---------------------------|---------------------|----------|---------|--------------|--|--|
| inspection Date | 2017 | 09 | 26 | Report Number | 20170926-WMATA-AG-1 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | Sub- Dep | artment | TKIN | | |
| | 1 | Name | | Email | Office Phone | 5 | N | 1obile Phone | | |
| Rail Agency Department Contact Information | | • | | | | | | | | |
| Inspection Location | J Line, Track | 1, Van Dorn Si | treet (J02) to Fra | anconia-Springfield (J03 | 3) | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 4 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

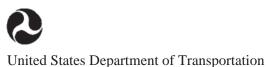
| Inspection Activity # | 1 | Inspec | ction Subj | ject | Job Safe | ety Brie | fing | | | Activity Co | ode | TR | К | JSB | OBS |
|---------------------------------------------|-------------|---------|------------|-------|----------------------|----------|-------------------|---------------|------------------------|-------------|-------|--------------|--------------------------|------------------|-------|
| Job Briefing Employee Name/Title | TRST | 6269 | | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 1000 1400 | | Outside Shift | Yes |
| Related Reports | N/A | | | | | Relat | ed CAPS / F | indings | N/A | | | | | | |
| | Ref | | | | Rule or SOP Standard | | | Other / Title | | | Che | cklist Refer | ence | | |
| Related Rules, SOPs, Standards, or Other | RWP | RWPM | | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | | |
| | Mai Trac | | Yard | Stati | on C | осс | RTA Facility | FTA Office | T | At-grade | e Tur | nnel | Ele | evated | N/A |
| Inspection Location | х | | | х | | | | | Track Type | x | | | x | | |
| Line(s) | J-Line | 0 | Track | | Track 1 | | Chain Mar | ker | | From | | То | | | |
| Line(s) | J-FILI6 | e | Numbe | er | TIACK 1 | | and/or Sta | ation(s) | Van Dorn Stre | eet (JO2) | | Franc | nconia-Springfield (JO3) | | (JO3) |
| | Неа | d Car N | umber | ١ | Number c | of Cars | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equip | nent | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.27 14:54:27 -04'00' | |
|---------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name Adam Giovando | Inspection Team Lee Emard, Ken Sgroi | | |



| [| | TRST unit 6269 conducted a job safety briefing at the King Street Station platform. | Number of Defects | 0 |
|---|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | Description | The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID, | Recommended Finding? | No |
| | | personal protective equipment (PPE) verification, type of protection, hazards, and | Remedial Action Required? | No |
| | Description | hospital location. | | |
| | | The FWSO Inspectors did not note any defects. | Recommended Reinspection? | No |
| | Remedial Action | N/A | | |

| Inspection Activity # | 2 Ir | spection Sub | oject | Track | Inspecti | on and Rem | edial Action | Verification | Activity C | ode | TR | к | WI | PI | |
|---------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------|-----------|--------------|---------|------------------|-------|--|
| Job Briefing Employee Name/Title | TRST 62 | 59 | | | | ompanied ector? | Yes | Out Brief Conducted | Yes | Time | 1000 1400 | | Outside Shift | Yes | |
| Related Reports | | 18-WMATA-A .6-WMATA-A | | | Rela | ted CAPS / | Findings | Remedial Act | tion ID #: 14 | 19,1009 a | ind 152 | 3 | | | |
| | Ref | | | Rule c | or SOP | SOP Standard | | | Other / Title Chec | | | | cklist Reference | | |
| Related Rules, SOPs, Standards, or Other | TRST-10 | 00 rev. 6 | | | | | | | | | | | | | |
| Increastion Location | Main Track | Yard | Stat | tion | OCC | RTA Facility | lity Office | | At-grad | e Tu | nnel | Ele | vated | N/A | |
| Inspection Location | х | | > | ĸ | | | | Track Type | x | | х | | х | | |
| Line(s) | J-Line | Track | | Trac | k 1 | Chain Ma | | | From | | | | То | | |
| Line(3) | JEnic | Numb | er | mac | K I | and/or St | ation(s) | Van Dorn Stre | eet (J02) | | Franc | conia-S | pringfield | (JO3) | |
| Vehicles | Head (| Car Number N/A | | | er of Cars I/A | Equip | ment | N/A | | | | | | | |
| | | FWSO Inspectors performed a remedial action verification and general inspection | | | | | | | | | ts | | | 4 | |
| | of track on track | of track conditions between Van Dorn Street (J02) and Franconia-Springfield (J03) | | | | | | | | ended Fi | nding? | | | Yes | |
| | Untrack | 1. | | | | | | | Remedia | Action | Require | ed? | | Yes | |
| Description | • | missing. TRST 1000 missing. TRST 1000 light was o TRST 1000 wwing remed Remedial Remedial completed |), 13,3), 13.3), 3.1.2 out at), 3.1.2 ial act Action d. | 5.14: At 2.5: At . box J-7 2.5: At . :ions w n 1419: n 1009: | J1 731+0 J1 732+0 I1 769+70 9. I1 777+40 ere verifi At J1 680 At CM J1 | 0, the end t 0, the end t 0, the Emerg 0, the ETS lig ed as compl 0+00, the ET 694+00, (2) | hird rail cove hird rail cove gency Trip St th was out a ete: S light was r 5) all repairs | at box J-81. epaired. were | | ended R | einspec | ction? | | Yes | |
| Remedial Action | To achie | achieve compliance with WMATA's requirements: WMATA must install an end cover board on the third rail at J1 731+00. WMATA must install an end cover board on the third rail at J1 732+00. WMATA must repair the light at J1 769+70, box J-79. | | | | | | | | | | | | | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170927-WMATA-AG-1 | | | | | | |
|------------------------|-------------------------|-----------------------------------------------------------|--------------|---------------------------|---------------------|-----------------|-----|--------------|--|--|--|
| inspection Date | 2017 | 09 | 27 | Report Number | 20170927-001 | VIATA-P | 1-1 | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | Sub- Department | | TKIN | | | |
| | 1 | Name | | Email | Office Phone | е | N | 1obile Phone | | | |
| | Andrew Off | | | | | | | | | | |
| Rail Agency Department | | L | | | | | | | | | |
| Contact Information | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Inspection Location | Glenmont Ya | Glenmont Yard (B98), Track Geometry Vehicle (TGV) testing | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-------------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-TGV-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspect | tion Subj | ect | Job Saf | ety Brief | fing | | | | Activity Co | ode | TR | К | JSB | OBS |
|---------------------------------------------|-------------|-----------|-----------|-------|-----------|----------------|---------------|--------------|---------------|------------------------|-------------|------|--------------|------|------------------|------|
| Job Briefing Employee Name/Title | TRST | 89 | | | | Accor Inspe | • | | Yes | Out Brief Conducted | Yes | Time | 0700 1500 | | Outside Shift | No |
| Related Reports | N/A | N/A | | | | Relate | ed C | APS / F | indings | N/A | | | | | | |
| | Ref | | | | Rule or S | SOP | | | Standard | | Other / T | ītle | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWP | Μ | | | | | | | | | | | | | | |
| standards) of other | | | | | | | | | | | | | | | | |
| | Mai Trac | 1 | Yard | Stati | ion (| CC | | TA cility | FTA Office | T | At-grad | e Tu | nnel | Ele | evated | N/A |
| Inspection Location | | | х | | | | | | | Track Type | х | | | | | |
| 11(.) | D.L. | | Track | | Yard T | racks | Cha | ain Mar | ker | | From | | | | То | |
| Line(s) | B-Lin | e | Numbe | r | 1-12 | | and | l/or Sta | ation(s) | Glenmont Ya | rd (B98) | | Glenr | nont | Yard (B98) | |
| | Неа | ad Car Nu | umber | 1 | Number | of Cars | | | | | | | | | | |
| Vehicles | | TGV-1 | | | 1 | | Equipment N/A | | | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.09.29 13:54:42 -04'00' | |
|---------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name Adam Giovando | Inspection Team Alexander Nepa | | |



| | TRST unit 89 conducted a job safety briefing inside the Track Geometry Vehicle | Number of Defects | 0 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|
| | (TGV)-1 prior to testing. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, | Recommended Finding? | No |
| Description | hot spots, ID, personal protective equipment (PPE) verification, type of | Remedial Action Required? | No |
| Description | protection, hazards, and hospital location. | | |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | L |

| Inspection Activity # | 2 | Insp | ection Sub | ject | Track | Observa | tion | | | Activity Co | ode | TRI | K | TGV | OBS |
|---------------------------------------------|-------------|------------------------------------------------------------------------------------------------------|------------|-------|---------|--------------------|----------------------------|----------------------------------------------------|------------------------|-------------|-----------|--------------|---------------------|------------------|-----|
| Job Briefing Employee Name/Title | TRST | 89 | | | 1 | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 0700 1500 | | Outside Shift | No |
| Related Reports | N/A | | | | | Rela | ted CAPS / | Findings | N/A | N/A | | | | | |
| | Ref | | | | Rule or | le or SOP Standard | | | | Other / 1 | Title | | Checklist Reference | | |
| Related Rules, SOPs, Standards, or Other | TRST- | TRST-1000, rev. 6 | | | | | | | | | | | | | |
| otandaras, or other | | | | | | | | | | | | | | | |
| In a section for a section | Mai Trac | | Yard | Stati | ion | осс | RTA Facility | FTA Office | Treat Trues | At-grad | e Tu | nnel | Ele | vated | N/A |
| Inspection Location | | | х | | | | | | Track Type | x | | | | | |
| 1 | D.L. | - | Track | | Yard | Tracks | Chain M | arker | | From | I | | | То | |
| Line(s) | B-Line | 5 | Numbe | er | 1-12 | | and/or Station(s) Glenmont | | | rd (B98) | | Glenn | nont Y | 'ard (B98) | |
| Mahtala a | Неа | d Car | Number | | Number | of Cars | | | TOVA | | | | | | |
| Vehicles | | TG∖ | V-1 | | 1 | | Equi | pment | TGV-1 | | | | | | |
| | | | • | | | | | performed ul | | Number | of Defect | s | | | 0 |
| | | | , , | | | | | No black co try conditions | nditions were | Recomm | ended Fi | nding? | | | No |
| | | | 0 | 0 | ' | | 0 | , | | Remedia | Action I | Require | d? | | No |
| Description | | • Marginal deteriorating crosstie conditions were observed. Recommended Reinspection? No | | | | | | | | | | No | | | |
| Remedial Action | N/A | | | | | | | | | | | | | | |



Agency/Department Information

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

| Increation Data | YYYY | MM | DD | Deve ent Neuroben | 20170027 \ | | | |
|-------------------------------------------------------------------------------------------------------|-------------------------|---------------------|--------------------------|---------------------------|--------------|-----------------|--------------|--|
| Inspection Date | 2017 | 09 | 27 | Report Number | 20170927-WN | /IATA-AG-Z | | |
| Rail Agency Name | Washington Authority | Metropolitar | Area Transit | Rail Agency Department | TRPM | Sub- Department | | |
| | I | Name | | Email | Office Phone | e | Mobile Phone | |
| Rail Agency Department Contact Information | | | | | | | | |
| Inspection Location | Friendship He | - eights (A08) - | - Alternating Curi | rent (AC) Switchboard (| SWBD) Room | | | |
| Inspection Summary | | | | . , | , | | | |
| Inspection Summary Inspection Activity # | 1 | | 2 | 3 | 4 | 5 | 6 | |
| Inspection Activity # | 1 TP-JSB- | OBS | 2 TP-RM-OBS | | | 5 | 6 | |
| Inspection Activity # Activity Code | | OBS | | | | 5 | 6 | |
| Inspection Activity # Activity Code Inspection Units | TP-JSB- | OBS | TP-RM-OBS | | | 5 | 6 | |
| Inspection Activity # Activity Code Inspection Units Inspection Subunits | TP-JSB- | OBS | TP-RM-OBS | | | 5 | 6 | |
| Inspection Activity # Activity Code Inspection Units Inspection Subunits Defects (Number) | TP-JSB- 1 1 | | TP-RM-OBS 1 1 | | | 5 | 6 | |
| | TP-JSB- 1 1 0 | | TP-RM-OBS 1 1 1 | | | 5 | 6 | |

Activity Summaries

| Inspection Activity # | 1 | Inspectio | n Subj | ect | Friendship Heights (A08) - | | | Safety Briefi | ng | Activity Code | | TP | JSB | OBS | |
|---------------------------------------------|-----------------------|--------------|---------------|-----------------|-----------------------------|---------------|------------------------|---------------|------------|----------------|------------------|------|---------------------|-----|--|
| Job Briefing Employee Name/Title | WMATA Power Personnel | | | Accon Inspec | npanied ctor? | Yes | Out Brief Conducted | Yes | Time | 0100 - 0500 | Outside Shift | Yes | | | |
| Related Reports | N/A | | | | Related CAPS / Findings N/A | | | | | | | | | | |
| | Ref | ef Rule or S | | | | ОР | | Standard | | Other / T | itle | | Checklist Reference | | |
| Related Rules, SOPs, Standards, or Other | RWP | М | | | | | | | | | | | | | |
| | Ma Tra | l Ya | rd | Stati | ion C | осс | RTA Facility | FTA Office | | At-grade | e Tui | nnel | Elevated | N/A | |
| Inspection Location | | | | х | | | | | Track Type | | | | | х | |
| Line(s) | A-Lin | e | rack Iumbe | er | N/A | | Chain Ma and/or St | | N/A | From | · | N/A | То | | |
| | Hea | ad Car Num | ber | | Number o | of Cars | | | | | | • | | | |
| Vehicles | | N/A | | | N/A | Equipment N/A | | | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWorthT ANTHONY GIOVANDO Date: 2017.09.29 13:58:15 -04'00' | Date X, ou=DOT FRAFtWorthTX, cn=ADAM |
|---------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA power personnel. | Number of Defects | 0 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power personnel covered the nearest hospital and safety | Recommended Finding? | No |
| Description | rule of the day. The potential safety hazards were discussed. | Remedial Action Required? | No |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 1 | nspection Sul | oject | Friends Mainte | | (A08) – Corre | ective | Activity Co | de | т | Р | RM | OBS | |
|---------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------|------------|--------------|-------------------|------------------|-------------|--|
| Job Briefing Employee Name/Title | WMAT | A Power Perso | onnel | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 0100 0500 | | Outside Shift | Yes | |
| Related Reports | N/A | | | Related | CAPS / Fin | dings | N/A | | | | | | | |
| | Ref | | | Rule or | SOP | Standard | | Other / T | itle | | Check | dist Refe | t Reference | |
| Related Rules, SOPs, Standards, or Other | GE Bus-Tie-Bus breaker test procedures | | | | | | | | | | | | | |
| | Main Track | Yard | Station | OCC | RTA Facility | FTA Office | Turali Tura | At-grad | e Tu | nnel | Elev | vated | N/A | |
| Inspection Location | | | х | | | | Track Type | | | | | | х | |
| | | | | | Chain Ma | ulcou | | From | | | То | | | |
| Line(s) | A-Line | Track | Number | N/A | and/or St | | Friendship He SWBD Room | ights (A08) · | - AC | | dship H D Room | eights (A | 08) – AC | |
| | Head | Car Number | Numb | er of Cars | | | | . (05) . 0 . | | | | | | |
| Vehicles | | N/A | | N/A | Equip | ment | General Electi | tric (GE) AC Switchgear | | | | | | |
| | | O Inspector o | | • | • | | | Number | of Defect | s | | | 1 | |
| | | hance on the itchgear #1. | bus tie-break | er on the (| General Elec | tric (GE) alte | rnating current | Recomm | ended Fi | nding? | | | Yes | |
| | (AC) SW | ittiigeai #1. | | | | | | Remedia | l Action F | Require | d? | | Yes | |
| Description | using te main au close au generat able to transfer either u | est switches to itomatic trans itomatically w or did come of be manually of switch (ATS) | o simulate the offer scheme w when the utility online to feed closed. There for each of th post, backup p | e loss of or vas workin ty feed wa the emer is a separa ne two AC | ne utility fee g properly. s dropped o gency loads ate backup g switchgear | d to ensure t The bus tie-b out, but the b . The bus tie- generator and units (#1 and | reaker did not ackup breaker was | Recomm | ended Re | inspec | tion? | | Yes | |
| | The FW not clos WMAT trouble | owing non-co SO Inspector a automatica A power perso shoot and rec a utility feed. | and WMATA Ily while testi onnel logged t | personnel ng the ma the issue a | did note th in-tie-main nd will crea | automatic tra te a work orc | ansfer scheme. Ier to | | | | | | | |
| Remedial Action | To achi | eve compliand | e with WMA | TA's requi | rements: | | | | | | | | | |
| Remedial Action | • W | MATA must f | | | | | | | | | | | | |



Agency/Department Information

Federal Transit Administration

| Increation Date | YYYY | MM | DD | Report Number | 20170927-WMATA-AG-3 | | | | | | |
|-----------------------------------------------|-------------------------|-------------------------------------------------------------|--------------|---------------------------|---------------------|---------|-----|--------------|--|--|--|
| Inspection Date | 2017 | 09 | 27 | Report Number | 20170927-001 | VIATA-A | G-2 | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | Sub-Department | | | | | | |
| | 1 | Name | | Email | Office Phon | е | Ν | Nobile Phone | | | |
| | | | | | | | | | | | |
| Deil Ageneu Department | | | | | | | | | | | |
| Rail Agency Department Contact Information | | | | | | | | | | | |
| | | ĺ | | | | | | | | | |
| | | - | | | | | | | | | |
| | | | | | | | | | | | |
| Inspection Location | D-Line, Track | ine, Track 2, Federal Triangle (D01) to Capitol South (D05) | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 11 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | ction Sub | ject | Job Safe | ety Brie | fing | | | Activity Co | ode | TR | K | JSB | OBS | |
|---------------------------------------------|-------------|----------|-----------|-------|-----------|----------|-------------------|---------------|------------------------|-------------|-------|--------------|---------------------|------------------|------|--|
| Job Briefing Employee Name/Title | TRST | 6269 | | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 1000 1400 | | Outside Shift | Yes | |
| Related Reports | N/A | | | | | Relat | ed CAPS / | Findings | N/A | | | | | | | |
| | Ref | | | | Rule or S | OP | DP Standard | | | | ïtle | | Che | cklist Refer | ence | |
| Related Rules, SOPs, Standards, or Other | RWP | М | | | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | | | |
| luces stice location | Mai Trac | | Yard | Stati | ion C | осс | RTA Facility | FTA Office | The she True s | At-grade | e Tui | nnel | Ele | evated | N/A | |
| Inspection Location | x | | | х | | | | | Track Type | | | х | | | | |
| Ling(a) | D-Line | ~ | Track | | Track 2 | | Chain Ma | rker | | From | | | | То | | |
| Line(s) | D-LIN | e | Numbe | er | III dCK 2 | - | and/or St | ation(s) | Federal Trian | gle (D01) | | Capit | Capitol South (D05) | | | |
| | Неа | id Car N | lumber | | Number o | of Cars | | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equipment | | N/A | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.10.04 13:56:12 -04'00' | |
|---------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name Adam Giovando | Inspection Team Lee Emard, Ken Sgroi | | |



| | | | | | | | | | D01) Station | Number | of Defect | s | | | 0 | |
|---------------------------------------------|-----------------------------------------------------------------------------|----------------------|-----------|----------------------------------|-----------------------------------|--------------------|-------------------------------------|-------------------------------------------------|---------------------------|---------------------------|-----------|--------------|----------|------------------|------|--|
| | | | | | | | | A's roadway | worker day, hot spots, | Recomm | ended Fi | nding? | | | No | |
| | | • | , , | | | | | , | tion, hazards, | Remedial Action Required? | | | | | No | |
| Description | | • | location. | took | no excep | tions to | o the job sa | fety briefing | ξ. | Recomm | ended Ro | einspec | tion? | | No | |
| Remedial Action | N/A | | | | | | | | | | | | | | | |
| Inspection Activity # | 2 Inspection Subject Track Observation and Remedial Action Verification TRK | | | | | | | | | ĸ | WI | PI | | | | |
| Job Briefing Employee Name/Title | TRST 6 | 5269 | | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 1000 1400 | | Outside Shift | Yes | |
| Related Reports | 20170 | 118-W | MATA-AG | G-1 | | Relat | ed CAPS / | Findings | Remedial Act | ion ID #s: 1 | 119, 1111 | L | | | | |
| | Ref | | | | Rule or | SOP | | Standard | | Other / T | itle | | Check | dist Refer | ence | |
| Related Rules, SOPs, Standards, or Other | TRST-1 | 1000, re | ev. 6 | | | | | | | | | | ID Nu | mbers | | |
| | | | | | | | | | | | | | | | | |
| Inspection Location | Mair Tracl | | Yard | Stat | ion | 220 | RTA Facility | FTA Office | Track Type | At-grade | e Tu | nnel | Elev | ated | N/A | |
| inspection Location | x | | | > | (| | | | Track Type | | | х | | | | |
| | Dine | | Track | | Track | - | Chain Ma | rker | | From | | | | То | | |
| Line(s) | D-Line | 2 | Numbe | er | Track | 2 | and/or St | ation(s) | Federal Trian | gle (D01) | | Capit | ol Soutl | h (D05) | | |
| | Head | d Car N | umber | | Number | of Cars | | | | | | | | | | |
| Vehicles | | N/A | | | N// | 4 | Equip | ment | N/A | | | | | | | |
| | FWSO | Inspec | tors perf | orme | d a reme | dial actio | on verificat | ion and gene | eral inspection | Number | of Defect | s | | | 11 | |
| | | | | track | 2 of the | D-Line b | between Fe | deral Triang | le (D01) and | Recomm | ended Fi | nding? | | | Yes | |
| | Capito | Capitol South (D05). | | | | | | | | | Action I | Require | ed? | | Yes | |
| | The fo | fa: re | steners i | , 7.7: n a ro was p | Between w were c out in pla | D2 90+0 bserved | 60 and 90+ d (Black co i | 70, eight dei ndition). A 1: Il Center SW | 5-mph speed | | | | | | | |
| | The fo | llowing | g non-co | lor-co | ded defe | cts wer | e observed | l: | | | | | | | | |

- TRST 1000, 13.17.4.1: Between D2 36+00 and 40+00, a relay rail tripping hazard was noted.
- TRST 1000, 13.17.4.1: Between D2 41+42 and 42+00, a relay rail ٠ tripping hazard was noted. TRST 1000, 13.17.4.1: Between D2 43+06 and 43+60, a relay rail stored between the running rail and third rail was noted. (See Figure 1 Description below.) TRST 1000, 13,3.15: At D2 43+60, the end third rail cover board was • **Recommended Reinspection?** Yes missing. TRST 1000, 13.17.4.1: Between D2 43+60 and 53+00, a relay rail • tripping hazard was noted. TRST 1000, 13.3.15: At D2 44+00, the end third rail cover board was ٠ missing. TRST 1000, 13.3.15: At D2 67+00, the end third rail cover board was • missing. TRST 1000, 13.3.15: At D2 87+00, the end third rail cover board was . missing. TRST 1000, 13.17.4.1: Between D2 88+00 and 88+20, a relay rail • tripping hazard was noted.
 - **TRST 1000, 13.3.15:** At D2 106+00, the end third rail cover board was missing.



| | Other Notable Observations: | |
|-------------------|-------------------------------------------------------------------------------------------|--|
| | At D2 45+00, over 50% of the end approach ramp has been worn | |
| | away. (See Figure 2 below.) | |
| | Deteriorating fastener conditions were noted between Federal Center | |
| | SW (D04) and Capitol South (D05). | |
| | The following remedial actions were verified as complete: | |
| | Remedial Action ID #1119: At D2 36+52, cables have been elevated. | |
| | • Remedial Action ID #1111: At D2 36+52, cables have been replaced. | |
| | | |
| | To achieve compliance with WMATA's requirements: | |
| | • WMATA must replace defected fasteners between D2 90+60 and 90+70. | |
| | • WMATA must remove relay rail between D2 36+00 and 40+00. | |
| | WMATA must remove relay rail between D2 41+42 and 42+00. | |
| | • WMATA must remove relay rail between D2 43+06 and 43+60. | |
| Develoption Autom | • WMATA must install an end cover board on the third rail at D2 43+60. | |
| Remedial Action | • WMATA must remove relay rail between D2 43+60 and 53+00. | |
| | • WMATA must install an end cover board on the third rail at D2 44+00. | |
| | • WMATA must install an end cover board on the third rail at D2 67+00. | |
| | WMATA must install an end cover board on the third rail at D2 87+00. | |
| | WMATA must remove relay rail between D2 88+00 and 88+20. | |
| | WMATA must install an end cover board on the third rail at D2 106+00. | |

Photos:



Figure 1: Relay rail stored between running rail and third rail between D2 43+06 and 43+60.





Figure 2: Wear on end approach at D2 45+00.



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170928-WM | 10T0 0 | C 1 | | | |
|-----------------------------------------------|------------------------------------------------------------|--------------|--------------|---------------------------|--------------|---------------------------|-----|--------------|--|--|
| inspection Date | 2017 | 09 | 28 | Report Number | 20170928-001 | VIATA-A | G-1 | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | TRST Sub- Department TKIN | | | | |
| | 1 | Name | | Email | Office Phone | е | Ν | Nobile Phone | | |
| Rail Agency Department Contact Information | | | | | | | | | | |
| Inspection Location | Brentwood Yard (B99), Track Geometry Vehicle (TGV) testing | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-------------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-TGV-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Sub | ject | Job Saf | ety Brie | efing | | | Activity Co | ode | TR | K | JSB | OBS |
|---------------------------------------------|------------------------|--------|---------------------------|------|-----------|--------------|-------------------|----------------|------------------------|-------------|------|--------------|-----|------------------|------|
| Job Briefing Employee Name/Title | TRST | 89 | | | | | mpanied ector? | Yes | Out Brief Conducted | Yes | Time | 0700 1500 | | Outside Shift | No |
| Related Reports | N/A | | | | | Rela | ted CAPS / F | indings | N/A | | | | | | |
| | Ref | | | | Rule or S | SOP Standard | | | | Other / 1 | ītle | | Che | cklist Refei | ence |
| Related Rules, SOPs, Standards, or Other | RWPM | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Increation Location | Mai Trac | | Yard Stat | | tion OCC | | RTA Facility | FTA Office | Treak Tures | At-grad | e Tu | nnel | Ele | evated | N/A |
| Inspection Location | | | х | | | | | | Track Type | x | | | | | |
| | | | | | Yard T | racks | | | | From | | | | То | |
| Line(s) | B-Line Track Number | | 1-13, I and Sc ends | | | | | ard (B99) Bren | | | wood | l Yard (B99 |) | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.09.29 14:04:41 -04'00' | |
|---------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name | Inspection Team | | |
| Adam Giovando | Alexander Nepa | | |
| | | | |



| Maltala | Head Car Number | Number of Cars | - | N/A | | | | | | |
|-----------------|-------------------------|---------------------------------------------------------|-----------|---------------------------|-------------------|---|--|--|--|--|
| Vehicles | TGV-1 | 1 | Equipment | N/A | | | | | | |
| | | a job safety briefing ins | | | Number of Defects | 0 | | | | |
| | | g. The briefing was fully c P) requirements and incl | | Recommended Finding? | No | | | | | |
| Description | | nal protective equipmen | | Remedial Action Required? | No | | | | | |
| Description | protection, hazards, an | d hospital location. | | | | | | | | |
| | The FWSO Inspector d | id not note any defects. | | Recommended Reinspection? | No | | | | | |
| Remedial Action | N/A | N/A | | | | | | | | |

| Inspection Activity # | 2 | Inspe | ction Subje | ect | Track C | bservat | tion | | | Activity Co | ode | TR | K | TGV | OBS |
|---------------------------------------------|------------------|---------|-----------------|-------|---------------------------|-----------------------------|-------------------|----------------------------------|------------------------|---------------------------|----------|--------------|----------------------|------------------|------|
| Job Briefing Employee Name/Title | TRST | 89 | | | | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 0700 1500 | | Outside Shift | No |
| Related Reports | N/A | | | | | Related CAPS / Findings N/A | | | | | | | | | |
| | Ref | | | | Rule or | r SOP Standard | | | | Other / 1 | ītle | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | TRST-1000 rev. 6 | | | | | | | | | | | ID N | umbers | | |
| | | | | | | | | | | | | | | | |
| | Mai Trac | | Yard | Stati | ion | осс | RTA Facility | FTA Office | T 1 T | At-grad | e Tu | nnel | Ele | evated | N/A |
| Inspection Location | | | х | | | | | | Track Type | X | | | | | |
| | | 1 | | | Yard T | l Tracks | | | | From | | | | То | |
| Line(s) | B-Lin | e | Track Number | | 1-13, I and So ends | | Chain N and/or | arker Station(s) | Brentwood Ya | Brentwood Yard (B99) | | | Brentwood Yard (B99) | | |
| | Hea | d Car N | Number | I | Number | of Cars | _ | | | | | | | | |
| Vehicles | | TGV- | -1 | | 1 | | Equ | pment | TGV-1 | | | | | | |
| | | | | | | | | performed u | | Number | of Defec | ts | | | 0 |
| | | , | , 0 | | | 0 | , | nd south ends during this tes | , in Brentwood | Recomm | ended Fi | nding? | | | No |
| Description | Taru. | | ick, 001-01-: | | Le conun | | ie noteu | uuring this te: | sung. | Remedia | Action | Require | ed? | | No |
| The FWSO Inspector | | | | d no | ot note any defects. | | | | | Recommended Reinspection? | | | | | No |
| Remedial Action | N/A | | | | | | | | | | | | | | |



United States Department of Transportation Federal Transit Administration

| Agency/Department Inforr | nation | | | | | | | |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------|-------------------|----------|------------|--------------|
| Increation Data | YYYY | MM | DD | Report Number | 20170928-WN | 10T0 0 | C 2 | |
| Inspection Date | 2017 | 09 | 28 | Report Number | 20170928-000 | /IATA-A | G-2 | |
| Rail Agency Name | Washington Metropolitan Area Transit Rail Agency TRPM Authority Department TRPM | | | | | Sub- Dep | СМ | |
| | | Name | | Email | Office Phone | e | N | Aobile Phone |
| Rail Agency Department Contact Information | | | | | | | | |
| Inspection Location | Woodley Par | k (A04) – Alter | nating Current(| AC) Switchboard (SWBD |) Rooms #1 and #2 | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-RM-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 0 | | | | |
| Recommended Finding | No | No | | | | |
| Remedial Action Required ¹ | No | No | | | | |
| Recommended Reinspection | No | No | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspe | ction Subj | ect | Woodley Park (A04) – Safety | | ty Briefing | | Activity Co | de | ТР | JSB | OBS | | |
|---------------------------------------------|-----------|-----------------------|------------|------|-----------------------------|------------|-----------------|------------------------|-------------|-----------|----------------|------------------|---------------------|-----|--|
| Job Briefing Employee Name/Title | WMA | WMATA Power Personnel | | | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 0100 - 0500 | Outside Shift | Yes | | |
| Related Reports | N/A | | | | | Relat | ed CAPS / F | indings | ndings N/A | | | | | | |
| | Ref | | | | Rule or S | OP | | Standard | | Other / T | itle | | Checklist Reference | | |
| Related Rules, SOPs, Standards, or Other | RWP | Μ | | | | | | | | | | | | | |
| | | | | | | | | | r | | | | т. | | |
| | Ma Tra | | Yard | Stat | tion OCC | | RTA Facility | FTA Office | | At-grade | e Tur | nnel | Elevated | N/A | |
| Inspection Location | | | | х | (| | | | Track Type | | | | | Х | |
| | | | Track | | | | Chain Mar | ker | | From | | | То | | |
| Line(s) | A-Lin | е | Numbe | er | N/A | | and/or Sta | ation(s) | N/A | | | N/A | | | |
| | Hea | ad Car N | lumber | | Number o | er of Cars | | | | | | | | | |
| Vehicles | | N/A | N N | | N/A | | Equipr | nent | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=US, o=U.S. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.09.29 14:09:56 -04'00' | |
|---------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |



| | FWSO personnel received a job safety briefing from the WMATA power personnel. | Number of Defects | 0 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA power personnel covered the nearest hospital and safety | Recommended Finding? | No |
| Description | rule of the day. The potential safety hazards were discussed. | Remedial Action Required? | No |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspe | ection Subj | ect | Woodle Mainter | , , , | – Corrective | 2 | Activity Co | de | TP | F | RM | OBS |
|---------------------------------------------|-------------|-------|----------------------------|--------------|-----------------------------|-----------------|----------------------------------|------------------------------|-----------------------------|-----------------|-------------------------------------------|--------|------------------|------|
| Job Briefing Employee Name/Title | WMA | TA Po | wer Person | inel | Accompanied Inspector? | | Yes | Out Brief Conducted | Yes | Time | 0100 - 0500 | - (| Outside Shift | Yes |
| Related Reports | N/A | | | | Related CAPS / Findings N/A | | | | | | | | | |
| | Ref | | | | Rule or | SOP | Standard | | Other / T | itle | | Checkl | list Refer | ence |
| Related Rules, SOPs, Standards, or Other | Switcl | | ctric (GE) A troublesho | | | | | | | | | | | |
| Inspection Location | Mai Trac | | Yard | Station | осс | RTA Facility | FTA Office | Track Type | At-grade | At-grade Tunnel | | | ated | N/A |
| inspection Location | | | | х | | Thack Type | | | | | | | х | |
| | | | | | | Chain Mar | kor | | From | | То | | | |
| Line(s) | A-Line | 9 | Track N | lumber | N/A | and/or Sta | | Woodley Park Rooms #1 and | . , | | dley Park (A04) – AC SWBD ns #1 and #2 | | | |
| | Hea | d Car | Number | Numbe | er of Cars | | | | 1 | | | | | |
| Vehicles | | N// | A | 1 | N/A | Equip | nent | General Elect | ric (GE) AC S | witchgea | r | | | |
| | | | | | 0 | | | h WMATA's | Number | of Defect | s | | | 0 |
| | | | | 0 | | | 0 | mable Logic | Recomm | ended Fi | nding? | | | No |
| Description | | | · / | | | · · · | | . The PLCs and | Remedia | l Action F | Required | ? | | No |
| | | | | e troublesho | | | g order. t e any defec | te | Recommended Reinspection? N | | | | | No |
| Remedial Action | N/A | 11301 | inspector a | | personne | | c any delet | | | | | | | |
| | | | | | | | | | | | | | | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170028 \ | 1 Λ ΤΛ Λ | 6.2 | | | |
|------------------------|---------------------------------------------------|--------------------------------------------------------------|----|---------------------------|----------------------|-----------------|-----|--------------|--|--|
| inspection Date | 2017 | 09 | 28 | Report Number | 20170928-WMATA-AG-3 | | | | | |
| Rail Agency Name | Washington Metropolitan Area Transit Authority | | | Rail Agency Department | TRST Sub- Department | | | TKIN | | |
| | 1 | Name | | Email | Office Phon | е | N | 1obile Phone | | |
| | | | | | | | | | | |
| Rail Agency Department | | 1 | | | | | | | | |
| Contact Information | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Inspection Location | D-Line, Track | D-Line, Track 2, Capitol South (D05) to Eastern Market (D06) | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 6 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | ction Sub | ject | Job Safe | ety Brie | fing | | | | Activity Co | ode | TR | К | JSB | OBS |
|---------------------------------------------|-------------|---------|-----------|-------|--------------------------|-----------|----------------|-------------|---------------|------------------------|-------------|----------|--------|-------|------------------|------|
| Job Briefing Employee Name/Title | TRST | 6269 | | | Accompanie Inspector? | | | ł | Yes | Out Brief Conducted | Yes | Yes Time | | | Outside Shift | Yes |
| Related Reports | N/A | | | | | Relat | ed CAPS | S / Fi | ndings | N/A | | | | | | |
| | Ref | | | | Rule or S | OP | | | Standard | | Other / 1 | Title | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWP | M | | | | | | | | | | | | | | |
| Standards, or other | | | | | | | | | | | | | | | | |
| | Mai Trac | | Yard | Stati | on (| occ | RTA Facilit | | FTA Office | Treads Tores | At-grad | e Tui | nnel í | | evated | N/A |
| Inspection Location | х | | | | | | | | | Track Type | | | х | | | |
| Line(c) | D-Lin | 0 | Track | | Track 2 | , | Chain | Mark | er | | From | | | | То | |
| Line(s) | D-LIN | e | Numbe | er | IIdCK 2 | and/or St | | | tion(s) | Capitol South | (D05) | | Easte | rn Ma | arket (D06) | |
| | Неа | d Car N | umber | ٩ | Number o | of Cars | | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Eq | uipment N/A | | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWor cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 13:07:57 -04'00' | Date hTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Lee Emard, Ken Sgroi, Adam Giovando | | |



| | TRST unit 6269 conducted a job safety briefing at Federal Triangle Station | Number of Defects | 0 |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | platform. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, | Recommended Finding? | No |
| Description | ID, personal protective equipment (PPE) verification, type of protection, hazards, | Remedial Action Required? | No |
| Description | and hospital location. | | |
| | The FWSO Inspectors did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 In | spection Sub | ject | Track O | bserva | tion | | | Activity Co | ode | TR | K | WI | PI |
|---------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------|-----------|--------------|---------|------------------|------|
| Job Briefing Employee Name/Title | TRST 626 | 59 | | | | ompanied ector? | Yes | Out Brief Conducted | Yes | Time | 1000 1400 | | Outside Shift | Yes |
| Related Reports | N/A | | | | Rela | ted CAPS / | Findings | N/A | | | | | | |
| | Ref | | l | Rule or S | OP | | Standard | | Other / 1 | ītle | | Checl | klist Refei | ence |
| Related Rules, SOPs, Standards, or Other | TRST-100 | 00, rev. 6 | | | | | | | | | | | | |
| | Main Track | Yard | Statio | on C | DCC | RTA Facility | FTA Office | Treads Treas | At-grad | e Tu | nnel | Elev | vated | N/A |
| Inspection Location | x | | | | | | | Track Type | | | Х | | | |
| Line(s) | D-Line | Track | | Track 2 |) | Chain Ma | | | From | | | | То | |
| Line(3) | D-Line | Numb | er | THACK 2 | - | and/or St | ation(s) | Capitol South | (D05) | | Easte | ern Mar | ket (D06) | |
| Vehicles | | ar Number N/A | N | lumber o N/A | | Equip | ment | N/A | | | | | | |
| | FWSO In: | spectors perf | ormed | a genera | al obse | rvation of t | rack conditio | ons on track 2 | Number | of Defect | s | | | 6 |
| | of the D- | Line betwee | n Capito | ol South | (D05) a | and Eastern | Market (D0 | 6). | Recomm | ended Fi | nding? | | | Yes |
| | The following non-color coded defects were observed: | | | | | | | Remedia | Action F | Require | ed? | | Yes | |
| Description | • • • • • • • | tripping ha TRST 1000 tripping ha TRST 1000 tripping ha TRST 1000 the statior TRST 1000 the statior TRST 1000 muddy cor Dable Obser | Azard w , 13.17 Azard w 13.17. Azard w , 5.14.1 area. , 5.14.1 area. , 3.2.2. nditions vations | as noted .4.1: Bet as noted 4.1: Betwas noted 14: At D2 14: At D2 1: Betwe 5 were noted | I. ween I I. 2 135+6 2 135+9 een D2 oted ur | D2 127+30 a 02 129+00 a 50, incorrect 00, incorrect 114+00 and nder the thi | t joint bars w d 135+00, dii | a relay rail a relay rail vere noted in vere noted in rty, wet, and | Recommended Reinspection? Yes | | | | | |
| Remedial Action | To achiev | ve complianc WMATA m WMATA m WMATA m WMATA m WMATA m | e with nust ren nust ren nust ren nust ins | WMATA [/] nove the nove the nove rela tall the c | 's requ e relay e relay ay rail l correct | rail between rail between between D2 joint bars a joint bars a | n D2 124+00 n D2 127+30 2 129+00 and t D2 135+60 t D2 135+60 | | he third rail | between | D2 114 | +00 an | d 135+00 | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170929-WMATA-AG-1 | | | | |
|-----------------------------------------------|---------------------------------------------------|-----------------|----------------|---------------------------|---------------------|---|------|--------------|--|
| inspection Date | 2017 | 09 | 29 | Report Number | | | | | |
| Rail Agency Name | Washington Metropolitan Area Transit Authority | | | Rail Agency Department | TRPM Sub- Departm | | ment | | |
| | | Name | | Email | Office Phone | e | N | Iobile Phone | |
| | | | | | | | | | |
| Rail Agency Department Contact Information | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Inspection Location | Metro Cente | r (C01) – Tract | ion Power Subs | tation (TPSS) and D2 004 | 1+50 | | | | |
| Inspection Summary | | | | | | | | | |

Inspection Activity # 3 4 6 1 2 5 Activity Code TP-JSB-OBS TP-RM-OBS **Inspection Units** 1 1 **Inspection Subunits** 1 1 Defects (Number) 0 0 **Recommended Finding** No No **Remedial Action Required¹** No No **Recommended Reinspection** No No

Activity Summaries

| Inspection Activity # | 1 | Inspe | ction Sub | ject | Job Safety Briefing | | | | Activity Co | de | TP | , | JSB | OBS | | |
|---------------------------------------------|-----------|----------|-----------|------|---------------------|-------------|---------------------|---------------|------------------------|-----------|---------------|-------------|-------|-------------------|-----|--|
| Job Briefing Employee Name/Title | WMA | ATA RW | IC | | | | ompanied pector? | Yes | Out Brief Conducted | Yes | Time | 0100 050 | | Outside Shift | Yes | |
| Related Reports | N/A | | | | | Rela | ated CAPS / | Findings | | | | | | | | |
| | Ref | | | | Rule or | SOP | | Standard | | Other / T | Other / Title | | | Checklist Referen | | |
| Related Rules, SOPs, Standards, or Other | RWP | M | | | | | | | | | | | | | | |
| Standards, or Other | | | | | | | | | | | | | | | | |
| Inspection Location | Ma Tra | | Yard | Stat | ion | осс | RTA Facility | FTA Office | Track Type | At-grade | e Tur | nnel | Eleva | ated | N/A | |
| | Х | | | | | | | | index type | | 3 | < | | | | |
| | | | Track | | | | Chain Mar | ker and/or | | From | | | | То | | |
| Line(s) | C-Lin | e | Numbe | er | N/A | | Station(s) | ker and/or | N/A | | | N/A | A | | | |
| | Hea | ad Car N | lumber | | Number | ber of Cars | | | | | | ÷ | | | | |
| Vehicles | | N/A | | | N/ | A | Equipn | nent | N/A | | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWortl cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 13:06:48 -04'00' | Date hTX, ou=DOT FRAFtWorthTX, |
|---------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Inspector in Charge – Name Adam Giovando | Inspection Team Tino Sahoo | | |
| | | | |



| Description | FWSO personnel received a job safety briefing from the WMATA roadway worker in charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked and the working limits were reviewed. The WMATA RWIC covered the nearest hospital and safety rule of the day. The hot spots, hazards, clearance areas, communication, and Roadway Access Guide were used as part of the discussion. | Number of Defects Recommended Finding? Remedial Action Required? Recommended Reinspection? | 0 No No |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------|
| | The FWSO Inspector did not note any defects. | | |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 Ir | spection | on Subj | ect N | Aetro Ce | enter (O | CO1) - Cable | e Replacem | ent | Act | ivity Co | de | | ТР | RM | OB | |
|---------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|---------|-----------|--------------|---------------------|----|--|
| Job Briefing Employee Name/Title | WMATA | RWIC | | | | Accor Inspe | npanied ctor? | Yes | Out Brief Conducted | ١ | Yes | Time | | 00 to 500 | Outside Shift | Ye | |
| Related Reports | N/A | | | | | Relate | ed CAPS / F | indings | N/A | | | | | | | | |
| | Ref | | | Ru | le or SC |)P | | Standard | | Othe | Other / Title | | | | Checklist Reference | | |
| Related Rules, SOPs, Standards, or Other | ENGINE MODIFIC INSTRUC FOR JUN EXPANS TRANSIT CABLES SYSTEM 2, SEPTE | CATION CTIONS IPER, ION, AN TION PC REPLAC WIDE (| (EMI) ND DWER CEMENT (REVISIC | N | | | | | | | | | | | | | |
| Inspection Location | Main Track | Ya | ard | Station | 0 | сс | RTA Facility | FTA Office | Track Type | A | At-grade Tunnel | | Elevated | | N/A | | |
| | Х | | | | | | | | | | | | Х | | | | |
| Line(s) | C-Line | | Track | | Track 2 | | Chain Ma | ker | | From | rom | | | | То | | |
| Line(3) | CEIIIC | | Numbe | r | TTUCK 2 | | and/or Sta | ation(s) | Metro Cente | r (C01) | C01) TPSS D2 004+5 | | | | | | |
| Vehicles | Head (| Car Nur N/A | nber | Nu | imber of N/A | f Cars | Equip | ment | Negative Ret | urn Cab | bles (100 | 00 kcm | il, 2 kV) | | | | |
| | An FWS | O Inspe | ector obs | served V | VMATA | power | personnel | and electric | al contractors | N | umber o | of Defe | cts | | | 0 | |
| | | | | | 0 | | cables with | | | Re | ecomme | ended I | inding | ? | | No | |
| | (TPSS) to | | | | | | om the Trac | tion Power | Substation | Re | emedial | Action | Requir | ed? | | No | |
| Description | 1000 kcr lug was meggere (i.e., cab (2kV, 10 on the w fully rou was crim | mil) from crimped d, ther les are 00 kcm vayside ted thr nped or | m the T d on the n was pa neatly a nil) was p end of rough th n the TP | PSS to the waysid artially r arranged previous this cable SS side d | ne waysi e end of outed th d using c ily pullec le and th tray in th of the ca | ide imp f the ne hrough cable ti d the n he cabl he TPS able. Fin | bedance bo ew cable. The the cable t es). Anothe ight before e was megg S and dress nally, the ca | nd at D2 00 ne new cab ray in the T r new nega . A terminal gered. Next, ed and ano able was ter | rn cable (2 kV, 4+50. A termin le was PSS and dressed tive return cabl lug was crimpe , the cable was ther terminal lu minated on the apedance bond. | d e ed Re | ecomme | ended I | Reinspe | ction? | | No | |
| | The FWS | SO Insp | ector a | nd WMA | ATA pers | sonnel | did not not | te any defe | cts. | | | | | | | | |
| | | | | | | | | | | | | | | | | | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170929-WN | ΛΔΤΔ-Δ | G-2 | | | |
|-----------------------------------------------|-------------------------------|--------------|--------------|---------------------------|--------------|-------------------|-----|--|--|--|
| inspection bute | 2017 | 09 | 29 | Report Humber | 20170525 001 | 170525 WWATA AG 2 | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRPM | Sub- Dep | | | | |
| | 1 | Name | | Email | Office Phone | 1obile Phone | | | | |
| | | | | | | | | | | |
| Dell Assess Descriptions | | | | | | | | | | |
| Rail Agency Department Contact Information | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Inspection Location | Branch Avenue Rail Yard (F99) | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|------------|-----------|---|---|---|---|
| Activity Code | TP-JSB-OBS | TP-WI-OBS | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 3 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 | Inspec | tion Sub | ject | Job Safe | ety Brie | fing | | | Activity Co | ode | TF | C | JSB | OBS |
|---------------------------------------------|-------------|----------|----------|-------|----------|----------|-------------------|---------------|------------------------|---------------|------|---------------|-----|------------------|------|
| Job Briefing Employee Name/Title | WMA | ATA RWI | С | | | | mpanied ector? | Yes | Out Brief Conducted | Yes Time | | 1000- 1400 | | Outside Shift | No |
| Related Reports | N/A | | | | | Relat | ed CAPS / | Findings | | | | | | | |
| | Ref Rule o | | | | | OP | | Standard | | Other / Title | | | Che | cklist Refer | ence |
| Related Rules, SOPs, Standards, or Other | RWPI | М | | | | | | | | | | | | | |
| Standards, or Other | MSRF | РΗ | | | | | | | | | | | | | |
| | Mai Trac | | Yard | Stati | on C | DCC | RTA Facility | FTA Office | Tue els Ture e | At-grad | e Tu | nnel | Ele | evated | N/A |
| Inspection Location | | | х | | | | | | Track Type | x | | | | | |
| Line(a) | E Lin | | Track | | NI/A | | Chain M | arker | | From | | | | То | |
| Line(s) | F-Line | e | Numbe | er | N/A | | and/or S | tation(s) | N/A | | | N/A | | | |
| | Hea | ad Car N | umber | ١ | Number o | of Cars | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equi | oment | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDC DN: c=US, o=U.S. Government, ou=FRA FRAFtW cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 13:05:32 -04'00' | |
|---------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inspector in Charge – Name | Inspection Team | | |
| Adam Giovando | Tino Sahoo | | |
| | | | |



| | FWSO personnel received a job safety briefing from the WMATA roadway worker | Number of Defects | 0 |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | in charge (RWIC). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked as well as the working limits reviewed. The | Recommended Finding? | No |
| Description | WMATA RWIC covered the nearest hospital and safety rule of the day. The | Remedial Action Required? | No |
| | hazards, clearance areas, and communication were used as part of the discussion. | | |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Inspection Activity # | 2 | Inspec | ction Sub | ject | Walking | g Observ | ation (Cab | le Inspection | n) | Activity C | ode | TI | Р | WI | OBS |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------|-----------|-----------------|-----------------------|---------------|------------------------|--------------|-----------------------------------------------|------------|------------|------------------|-------|
| Job Briefing Employee Name/Title | WMA. | TA RWI | IC | | | Accon Inspec | npanied ctor? | Yes | Out Brief Conducted | Yes | Time | 100 140 | | Outside Shift | No |
| Related Reports | N/A | | | | | Relate | ed CAPS / | Findings | N/A | | | | | | |
| | Ref | | | | Rule or S | SOP | | Standard | Other / 1 | Гitle | | Chec | klist Refe | rence | |
| | DESIG TP-SSI | | WING (DE REVISION | | | | | | | | | | | | |
| Related Rules, SOPs, Standards, or Other | ENGINEERING MODIFICATION INSTRUCTIONS (EMI) FOR JUMPER, EXPANSION, AND TRANSITION POWER CABLES REPLACEMENT SYSTEM WIDE (REVISION 2, SEPTEMBER 16, 2016) | | | | | | | | | | | | | | |
| Inspection Location | | Main Track Yard Station | | on (| DCC | RTA Facility | FTA Office | Track Type | At-grad | e Tu | nnel | Elev | vated | N/A | |
| | | | х | | | | | | | х | | | | | |
| Line(s) | F-Line | | Track Numbe | | N/A | | Chain Ma and/or St | | | From | rom To Yard (F99) Branch Avenue Yard (F99) | | | | |
| | lloo | d Cor N | lumber | | Number o | | | ation(3) | Branch Aven | ue varo (F95 |) | Brand | ch Aver | iue varo | (F99) |
| Vehicles | Tieat | N/A | | | N/A | | Equip | ment | N/A | | | | | | |
| | FWSO | inspec | ctors obse | erved \ | VMATA 6 | employe | es perforn | n a cable ins | pection at the | Number | of Defec | ts | | | 3 |
| | Branc | h Aven | ue Yard (I | F99). | | | | | | Recomm | nended Fi | nding? | | | Yes |
| | The fo | llowin | g non-col | lor-co | ded defe | cts was o | observed: | | | Remedia | Action | Require | ed? | | Yes |
| Description | | The following non-color-coded defects was observed: Remedial Action Required? Yes • TRST 1000 Manual, 13.3.14: Third rail cover board missing at Yard Lead (YL) 2 013+00 • DD-TP-SSI-013: Yard Contact Rail (YCR) 9 – Sealing collar missing from orange boot power assembly. • DD-TP-SSI-013: Y1 1 005+00 – Power conduit stub-up missing OZ Gedney bushing that houses Liquidtite conduit containing third rail heater tape. Recommended Reinspection? Yes | | | | | | | | | | | Yes | | |
| | | • Ca | le Observ ables lyin ables lyin | g on tl | ne groun | | | 00. | | | | | | | |
| Remedial Action | | Cables lying on the ground at YL 1 CM 005+00. To achieve compliance with WMATA's requirements: WMATA must replace third rail cover board at YL 2 013+00. WMATA must install sealing collar in orange boot power assembly at YCR 9. WMATA must install OZ Gedney bushing in power conduit stub-up at YL 1 005+00. | | | | | | | | | | | | | |



Agency/Department Information

Federal Transit Administration

| Inspection Date | YYYY | MM | DD | Report Number | 20170930-WM | | | | | | |
|------------------------|-------------------------|------------------------------------------------------|--------------|---------------------------|--------------|-----------|--------------|--|--|--|--|
| Inspection Date | 2017 | 09 | 30 | Report Number | 20170950-001 | MATA-AG-1 | | | | | |
| Rail Agency Name | Washington Authority | Metropolitan | Area Transit | Rail Agency Department | TRST | TPRO | | | | | |
| | I | Name | | Email | Office Phone | e | Mobile Phone | | | | |
| | | | | | | | | | | | |
| Rail Agency Department | | | | | | | | | | | |
| Contact Information | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Inspection Location | C-Line, Track | C-Line, Track 2, Foggy Bottom (C04) to Rosslyn (C05) | | | | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| Activity Code | TRK-JSB-OBS | TRK-WI-PI | | | | |
| Inspection Units | 1 | 1 | | | | |
| Inspection Subunits | 1 | 1 | | | | |
| Defects (Number) | 0 | 1 | | | | |
| Recommended Finding | No | Yes | | | | |
| Remedial Action Required ¹ | No | Yes | | | | |
| Recommended Reinspection | No | Yes | | | | |

Activity Summaries

| Inspection Activity # | 1 Inspection Subject | | | ject | Job Safety Briefing | | | | | Activity Code | | TRK | | JSB | OBS |
|---------------------------------------------|----------------------|--------------|-----------|----------------|-----------------------------|------------------|-----------------|------------------------|--------------|---------------|---------------|----------|---------------------|-----|------|
| Job Briefing Employee Name/Title | TRST 6198 | | | | Accor Inspe | npanied ctor? | Yes | Out Brief Conducted | Yes | Time | 0700 1500 | | Outside Shift | Yes | |
| Related Reports | N/A | | | | Related CAPS / Findings N/A | | | | | | | | | | |
| | Ref | | | | Rule or SOP | | | Standard | | Other / T | Other / Title | | Checklist Reference | | ence |
| Related Rules, SOPs, Standards, or Other | Standards, or Other | | | | | | | | | | | | | | |
| Standards, or other | , | | | | | | | | | | | | | | |
| Inspection Location | Mai Trac | | Yard Stat | | tion OCC | | RTA Facility | FTA Office | Tuesda Taura | At-grad | e Tunnel | | Elevated | | N/A |
| | х | | | х | | | | | Track Type | x | | х | | | |
| Lino(c) | Clin | C-Line Track | | | Track 1 | | Chain Marker | | From | | | То | | | |
| Line(s) | C-LIN | e | Numbe | er | I I I CK I | | and/or St | ation(s) | Foggy Bottom | (CO4) Rossly | | yn (C05) | | | |
| | Head Car Number | | 1 | Number of Cars | | | | | | | | | | | |
| Vehicles | | N/A | | | N/A | | Equipment | | N/A | | | | | | |

| Inspector in Charge - Signature | DAM ANTHONY GIOVANDO | Digitally signed by ADAM ANTHONY GIOVANDO DN: c=U5, o=U.5. Government, ou=FRA FRAFtWo cn=ADAM ANTHONY GIOVANDO Date: 2017.10.03 12:57:51-04'00' | Date rthTX, ou=DOT FRAFtWorthTX, |
|---------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Inspector in Charge – Name | Inspection Team | | |
| Adam Giovando | Alexander Nepa | | |
| | | | |



| | TRST unit 6198 conducted a job safety briefing at the Rosslyn Station briefing | Number of Defects | 0 |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----|
| | table. The briefing was fully compliant with WMATA's roadway worker protection (RWP) requirements and included the safety rule of the day, hot spots, ID and | Recommended Finding? | No |
| Description | personal protective equipment (PPE) verification, type of protection, hazards, and | Remedial Action Required? | No |
| | hospital location. | | |
| | The FWSO Inspector did not note any defects. | Recommended Reinspection? | No |
| Remedial Action | N/A | | |

| Job Briefing Employee Name/Title Related Reports Related Rules, SOPs, Standards, or Other | RWPM Main Track X | 000 rev. 6 | Stati | Rule o | Insp Rela | ompanied ector? ted CAPS / | Yes Findings Standard | Out Brief Conducted N/A | Yes | Time | 0700 1500 |) | Outside Shift | Yes | |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------|---------------------------|----------------------------------|-----------------------------|-------------------------------|---------|---------------------------|--------------|------------|---------------------|-----|--|
| Related Rules, SOPs, Standards, or Other | Ref TRST-1 RWPM Main Track X | Yard | Stati | | | ted CAPS / | | N/A | | | | | | | |
| Standards, or Other | TRST-1 RWPM Main Track X | Yard | Stati | | r SOP | | Standard | 1 | | | | | | | |
| Standards, or Other | RWPM Main Track X | Yard | Stati | | | | | Standard | | Other / Title | | | Checklist Reference | | |
| Inspection Location | Main Track X | Yard | Stati | | | | | | | | | | | | |
| - | Track X | Yard | Stati | | | | | | | | | | | | |
| - | | | | ion | OCC | RTA Facility | FTA Office | | At-grad | e Tui | nnel | Elev | evated | N/A | |
| | | | | | | | | Track Type | x | | х | | | | |
| Line(s) | C-Line Track Number | | | Track 1 | | Chain Marker | | | From | | | То | | | |
| Line(s) | | | er | | | and/or St | ation(s) | Foggy Bottom | Ross | | | slyn (C05) | | | |
| Vehicles | Head | Car Number | 1 | Number of Cars | | | pment N/A | | | | | | | | |
| Venicies | N/A N/A | | | | | Lquip | ment | 190 | | | | | | | |
| | An FWSO Inspector performed an inspection of work zone setup, general condition of single tracking, and track 1 repairs between Foggy Bottom (CO4) and | | | | | | | | | Number of Defects | | | | 1 | |
| | | | | | Recommended Finding? | | | | | Yes | | | | | |
| | Rosslyn (C05) stations. All work zone protections were installed at the appropriate locations. | | | | | | | | | Remedial Action Required? | | | | Yes | |
| Description Remedial Action | were d WMAT for pou TRST 10 All emp | time of the obs ismantling the A crews were a rring new grou 000 standards ployees that we ed personal pro | n point, ckhamr . All wo served, | stock ra nering th rk appea appeare | Recommended Reinspection? | | | Yes | | | | | | | |
| | The following non-color-coded defect was observed: • • WMATA roadway worker protection manual (RWPM), page 82: Derailer was installed backwards at C1 185+00. This condition was corrected by the RWIC. (See Figure 1, below.) | | | | | | | | | | | | | | |



Photos:

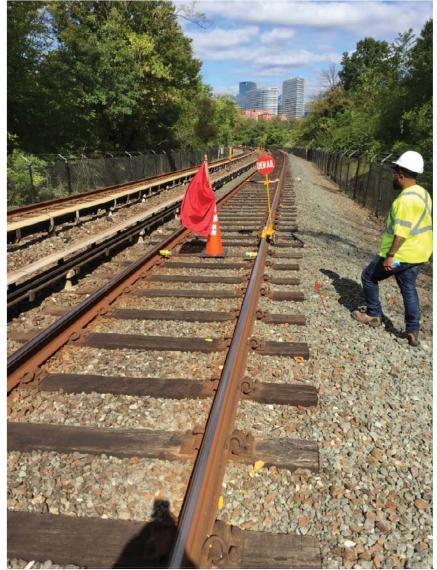


Figure 1: Derail installed improperly at C1 185+00.