

Federal Transit Administration

| Inspection Date                               | YYYY   | MM | DD | Report Number             | 20191201 WINAATA WD 1 |          |                      |              |  |  |
|---|--|----|----|---------------------------|-----------------------|----------|----------------------|--------------|--|--|
| inspection Date                               | 2018   | 12 | 01 | Report Number             | 20181201-WMATA-WP-1   |          |                      |              |  |  |
| Rail Agency Name                              | Washington Metropolitan Area Transit<br>Authority            |    |    | Rail Agency<br>Department | TRST                  | Sub- Dep | Sub- Department TKIN |              |  |  |
|   | Name   |    |    | Email                     | Office Phone          |          |                      | 1obile Phone |  |  |
| Rail Agency Department<br>Contact Information |  |    |    |                           |                       |          |                      |              |  |  |
| Inspection Location                           | D-Line, Track 2, Capitol South (D04) to Stadium Armory (D08) |    |    |                           |                       |          |                      |              |  |  |
| Inspection Summary                            |  |    |    |                           |                       |          |                      |              |  |  |

### Inspection Summary

| Inspection Activity #                 | 1           | 2          | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|------------|---|---|---|---|
| Activity Code                         | TRK-JSB-OBS | TRK-WI-OBS |   |   |   |   |
| Inspection Units                      | 1           | 1          |   |   |   |   |
| Inspection Subunits                   | 1           | 0          |   |   |   |   |
| Defects (Number)                      | 0           | 10         |   |   |   |   |
| Recommended Finding                   | No          | No         |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | Yes        |   |   |   |   |
| Recommended Reinspection              | No          | Yes        |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection Sub | ject  | Job Safe | ety Brief       | ing              |               |                        | Activity Co            | ode   | TR         | К   | JSB               | OBS  |  |
|---|---------------|----------------|-------|----------|-----------------|------------------|---------------|------------------------|------------------------|-------|------------|-----|-------------------|------|--|
| Job Briefing<br>Employee<br>Name/Title      | TRST 6        | 79             |       |          | Accon<br>Inspec | npanied<br>ctor? | Yes           | Out Brief<br>Conducted | Yes                    | Time  | 080<br>123 | -   | Outside<br>Shift  | Yes  |  |
| Related Reports                             | N/A           |                |       |          | Relate          | ed CAPS / I      | Findings      | N/A                    |                        |       |            |     |                   |      |  |
|   | Ref           | Ref Rule or    |       |          |                 |                  | Standard      |                        | Other / T              | ïtle  |            | Che | cklist Refer      | ence |  |
| Related Rules, SOPs,<br>Standards, or Other | RWPM          | RWPM           |       |          |                 |                  |               |                        |                        |       |            |     |                   |      |  |
| Standards, or other                         |               |                |       |          |                 |                  |               |                        |                        |       |            |     |                   |      |  |
|   | Main<br>Track | Yard           | Stati | on C     | осс             | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grade               | e Tui | nnel       | Ele | evated            | N/A  |  |
| Inspection Location                         |               |                | х     |          |                 |                  |               | Track Type             |                        |       | х          |     |                   |      |  |
| Line(a)                                     | D-Line        | Track          |       | NI/A     |                 | Chain Ma         | rker          |                        | From                   |       |            | То  |                   |      |  |
| Line(s)                                     | D-Line        | Numb           | er    | N/A      |                 | and/or St        | ation(s)      | Capitol South          | Capitol South (D04) Ca |       |            |     | pitol South (D04) |      |  |
| Makata                                      | Head          | l Car Number   | 1     | Number a | of Cars         |                  |               |                        |                        |       |            |     |                   |      |  |
| Vehicles                                    |               | N/A            |       | N/A      |                 | Equip            | ment          | N/A                    |                        |       |            |     |                   |      |  |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | igned by WINSLOW L. POWELL<br>8.12.17 07:14:07 -05'00' |
| Inspector in Charge – Name      | Inspection Team |  |
| Winslow Powell                  | Alexander Nepa  |  |
|                                 |                 |  |



|                 | FWSO inspector received a job safety briefing from TRST 679 at Capitol South  | Number of Defects         | 0  |
|-----------------|---|---------------------------|----|
|                 | (D04) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards | Recommended Finding?      | No |
| Description     | and hotspots, the safety rule of the day, the location of the nearest hospital, and   | Remedial Action Required? | No |
| Description     | a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  | Recommended Reinspection? | No |
|                 | The FWSO inspector did not note any defects.  |                           |    |
| Remedial Action | N/A   |                           |    |

| Inspection Activity #                       | 2   | Insp             | ection Sub  | ject  | Track  | Inspectio   | on  |  |   | Activity Co   | ode                             | TR           | K       | WI              | OBS |  |
|---|---|------------------|---|---|--|---|---|--|---|---------------|---------------------------------|--------------|---------|-----------------|-----|--|
| Job Briefing<br>Employee<br>Name/Title      | TRST  | 679              |   |   |  |   | ompanied<br>ector?  | Yes  | Out Brief<br>Conducted  | Yes           | Time                            | 0800<br>1330 |         | utside<br>Shift | Yes |  |
| Related Reports                             | Safety Directive 17-1 Related CAPS / Findings CAP: FTA-TPE-17-021-a, TOC- |                  |   |   |  |   |   | OC-SRT-1   | SRT-15-002, FTA-16-4-T-9  |               |                                 |              |         |                 |     |  |
|   | Ref   |                  |   |   | Rule or  | SOP   |   | Standard   |   | Other / 1     | Other / Title Checklist Referen |              |         |                 |     |  |
| Related Rules, SOPs,<br>Standards, or Other | TRST 1000   |                  |   |   |  |   |   |  |   |               |                                 |              |         |                 |     |  |
| Standards, or other                         | RWP   | M 201            | 4   |   |  |   |   |  |   |               |                                 |              |         |                 |     |  |
| Inspection Location                         | Mai<br>Trac   |                  | Yard  | Stati   | ion  | осс   | RTA<br>Facility   | FTA<br>Office  | Track Type  | At-grad       | At-grade Tunnel E               |              | Eleva   | ted             | N/A |  |
| inspection Location                         | х   |                  |   |   |  |   |   |  | паск туре   |               |                                 | x            |         |                 |     |  |
| Line(s)                                     | D-Lir   | ne               | Track<br>Numb   | er  | Track  | 2   | Chain Ma<br>and/or St   |  | Capitol South   | From<br>(D04) |                                 | Stadi        | um Armo | ory (D08        | )   |  |
|   | Hea   | d Car            | Number  |   | Number   | of Cars   |   |  |   | . ,           |                                 |              |         |                 | ,   |  |
| Vehicles                                    |   | N/               | /Α  |   | N/   | Ά   | Equip   | ment   | N/A   |               |                                 |              |         |                 |     |  |
|   |   |                  |   |   |  |   |   | on and track   |   | Number        | of Defect                       | s            |         |                 | 10  |  |
|   | betw  | een Ca           | apitol Sout   | h (D04  | 1) and St  | adium A   | Armory (D08   | 3) on track tv   | VO.   | Recomm        | ended Fi                        | nding?       |         |                 | No  |  |
|   | The f   | ollow            | ing color-c   | oded o  | defect w   | as obse   | rved:   |  |   | Remedia       | I Action F                      | Require      | ed?     |                 | Yes |  |
| Description                                 |   | ollow/<br>•<br>• | right rail, t<br>condition of<br>vertical de<br>between t<br>was used t<br>evaluated<br>Condition<br>ing non-co<br>TRST 1000<br>coverboar<br>in WMATA<br>TRST 1000<br>one missin<br>TRST 1000<br>and four so<br>TRST 1000<br>observed of<br>TRST 1000 | wo de<br>on the<br>flectio<br>he bass<br>o obta<br>by WN<br>lor-coo<br>, 13.5.<br>d was<br>y, 9.12:<br>g wed<br>y, 9.22:<br>y, 9.10:<br>witch r<br>, 5.11.<br>on the<br>y, 3.2.2<br>llowing | fective i<br>right ra<br>in betwee<br>se of the<br>ain the n<br>MATA ar<br><b>ded def</b><br><b>.7:</b> At D2<br>missing.<br>proach to<br><b>.6. (d):</b> A<br>lge brace<br>: At D2 C<br>on the br<br>: At D2 C<br>rods wei<br><b>.4:</b> At D2<br>running<br><b>2.4:</b> At D | non-hold<br>il was al<br>een the l<br>fastene<br>neasure<br>d deem<br>2 087+00<br>Remed<br>0 FTA-TP<br>th D2 08<br>e.<br>1887+50 a<br>race plat<br>187+50 a<br>re loose.<br>2 087+90<br>surface<br>2 107+0<br>to strike | ding fastene<br>lowing ½-in<br>pase of the is<br>r and the gr<br>ments. Moved a mainte<br>re observed<br>by the third r<br>ial action fo<br>re-17-021-a.<br>7+50 at the<br>1B fro-<br>re.<br>it the 1B fro-<br>re.<br>to the 1B sw<br>bo n the right<br>See Figure<br>0, a crown to<br>the right ra | ail end appr<br>r this defect<br>1B switch, th<br>g, four broke<br>itch, the nun<br>ht rail, corros<br>1 below.<br>cunnel leak w | erved. The<br>ch dynamic<br>fastener and<br>aper gauge<br>r load was<br>tion. <b>Red</b><br>oach<br>is addressed<br>he frog had<br>en-loose bolts<br>nbers three<br>sion was<br>vas observed<br>action for this | Recomm        | ended Re                        | einspec      | tion?   |                 | Yes |  |



|                 | <ul> <li>TRST 1000, 3.2.2.4: At D2 107+00, a crown tunnel leak was observed that was allowing water to strike the right rail. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002.</li> <li>TRST 1000, 3.1.2.2: Between D2 191+00 and 191+20, the center cuppers were blocked and not allowing water to drain as designed. Remedial action for this defect is addressed in WMATA approach to FTA-16-4-T-9.</li> </ul>        |                   |
|-----------------|---|-------------------|
| Remedial Action | <ul> <li>To achieve compliance with WMATA's requirements:</li> <li>WMATA must repair the defective fastener condition at D2 087+50.</li> <li>WMATA must repair the disconnected frog wedge brace at D2 087+50, 11</li> <li>WMATA must repair the four loose-broken bolts at D2 087+50, 18 switch</li> <li>WMATA must tighten the numbers three and four switch rods at the 1B s</li> <li>WMATA must change the corroded right rail at D2 087+90.</li> </ul> | frog brace plate. |

Photos:



Figure 1: Corroded right rail at D2 087+90.



**Inspection Form** FOIA Exemption: All (b)(6)

## Agency/Department Information

Federal Transit Administration

| Increation Date        | YYYY  | MM  | DD | Poport Number             |                     |          |      |              |  |  |
|------------------------|---|---|----|---------------------------|---------------------|----------|------|--------------|--|--|
| Inspection Date        | 2018  | 12  | 02 | Report Number             | 20181202-WMATA-WP-1 |          |      |              |  |  |
| Rail Agency Name       | Washington Metropolitan Area Transit<br>Authority |   |    | Rail Agency<br>Department | TRST                | Sub- Dep | TKIN |              |  |  |
|                        | Name  |   |    | Email                     | Office Phone Mobi   |          |      | 1obile Phone |  |  |
| Rail Agency Department |   |   |    |                           |                     |          |      |              |  |  |
| Contact Information    |   |   |    |                           |                     |          |      |              |  |  |
|                        | -   |   |    |                           |                     |          |      |              |  |  |
| Inspection Location    | F, L, and C-L                                     | F, L, and C-Lines, Tracks 1 and 2, Pentagon (C07) to L'Enfant Plaza (F03) |    |                           |                     |          |      |              |  |  |
| Inspection Summary     |   |   |    |                           |                     |          |      |              |  |  |

### Inspection Summary

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

### **Activity Summaries**

| Inspection Activity #                       | 1           | Inspec     | tion Sub | ject  | Job Safe  | ty Brie        | fing             |               |                        | Activity Co | ode        | TR                        | К                | JSB          | OBS  |
|---|-------------|------------|----------|-------|-----------|----------------|------------------|---------------|------------------------|-------------|------------|---------------------------|------------------|--------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST        | 6104       |          |       |           | Accor<br>Inspe | npanied<br>ctor? | No            | Out Brief<br>Conducted | Yes         | 080<br>123 | -                         | Outside<br>Shift | Yes          |      |
| Related Reports                             | N/A         |            |          |       |           | Relat          | ed CAPS / I      | Findings      | N/A                    |             |            |                           |                  |              |      |
|   | Ref         | Ref Rule o |          |       |           | OP             |                  | Standard      |                        | Other / T   | ïtle       |                           | Che              | cklist Refer | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWP         | RWPM       |          |       |           |                |                  |               |                        |             |            |                           |                  |              |      |
|   |             |            |          |       |           |                |                  |               |                        |             |            |                           |                  |              |      |
|   | Mai<br>Trac |            | Yard     | Stati | ation OCC |                | RTA<br>Facility  | FTA<br>Office |                        | At-grade    | e Tui      | nnel                      | Ele              | evated       | N/A  |
| Inspection Location                         | х           |            |          |       |           |                |                  |               | Track Type             | х           |            |                           |                  |              |      |
| line(a)                                     | 1.1.5       |            | Track    |       | NI / A    |                | Chain Ma         | rker          | From                   |             |            | То                        |                  |              |      |
| Line(s)                                     | L-Line      | 2          | Numbe    | er    | N/A       |                | and/or St        | ation(s)      | Haynes Point           | CM L1 105+  | -00        | Haynes Point CM L1 105+00 |                  |              |      |
|   | Hea         | d Car N    | umber    | 1     | Number o  | f Cars         |                  |               |                        |             |            |                           |                  |              |      |
| Vehicles                                    |             | N/A        |          |       | N/A       |                | Equip            | ment          | N/A                    |             |            |                           |                  |              |      |

| Inspector in Charge - Signature |                 | Date  |
|---------------------------------|-----------------|---|
|                                 |                 | itally signed by WINSLOW L. POWELL<br>te: 2018.12.18 12:44:46 -05'00' |
| Inspector in Charge – Name      | Inspection Team |   |
| Winslow Powell                  | Alexander Nepa  |   |
|                                 |                 |   |



|          |           | FWSO inspector received a job safety briefing from TRST 679 at Haynes Point, L1  | Number of Defects                | 0  |
|----------|-----------|--|----------------------------------|----|
|          |           | 105+00 briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards | Recommended Finding?             | No |
| Descript | tion      | and hotspots, the safety rule of the day, the location of the nearest hospital, and  | <b>Remedial Action Required?</b> | No |
| Descript |           | a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.   | Recommended Reinspection?        | No |
|          |           | The FWSO inspector did not note any defects.   |                                  |    |
| Remedia  | al Action | N/A  |                                  |    |

| Inspection Activity #                       | 2 li              | spection Su  | bject  | Track<br>Verific  | •   | on and Wor  | k Zone Set-L  | Jp  | Activity C | ode       | TF           | RК       | WI               | OBS  |
|---|-------------------|--|--|---|---|---|---|---|------------|-----------|--------------|----------|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST 60           | 1  |  |   |   | mpanied<br>ector?   | Yes   | Out Brief<br>Conducted  | Yes        | Time      | 0800<br>1330 |          | Outside<br>Shift | Yes  |
| Related Reports                             | N/A               |  |  |   | Relat   | ted CAPS /  | Findings  | N/A   |            |           |              |          |                  |      |
|   | Ref               |  |  | Rule or   | r SOP   |   | Standard  |   | Other / 1  | Γitle     |              | Chec     | klist Refer      | ence |
| Related Rules, SOPs,<br>Standards, or Other | TRST 10           | 00   |  |   |   |   |   |   |            |           |              |          |                  |      |
| Standards, or Other                         | RWPM S            | 51.586 09/18   | ;  |   |   |   |   |   |            |           |              |          |                  |      |
| Inspection Location                         | Main<br>Track     | Yard   | Stati  | on  | осс   | RTA<br>Facility   | FTA<br>Office   | Track Type  | At-grad    | e Tu      | nnel         | Elev     | vated            | N/A  |
| Inspection Location                         | х                 |  |  |   |   |   |   | паск туре   |            |           | х            |          |                  |      |
| Line(s)                                     | F, L and<br>Lines | C Track  |  | Track<br>and 2  | -   | Chain Ma<br>and/or St   |   | Pentagon (C   | From       |           | L'Enf        | ant Plaz | za (F03)         |      |
|   | Head (            | Car Number   | 1  | Numbei  | r of Cars   |   |   |   |            |           | 1            |          | . /              |      |
| Vehicles                                    |                   | N/A  |  | N   | /A  | Equip   | ment  | N/A   |            |           |              |          |                  |      |
|   | FWSO ir           | -  | ormed  |   |   | -up verifica  | tion and tra  | ck inspection   | Number     | of Defec  | ts           |          |                  | 7    |
|   |                   |  |  |   |   |   |   | Lines, tracks   |            | nended Fi |              |          |                  | No   |
|   | one and           | two.   |  |   |   |   |   |   |            | al Action |              |          |                  | Yes  |
| Description                                 | •                 | point whe<br>MSRPH, S<br>zone map<br>onsite by<br>addressee<br>MSRPH, S<br>zone map<br>onsite by<br>addressee<br>MSRPH, S<br>active wo<br>the issue<br>MSRPH, S<br>observed<br>addressee<br>MSRPH, S<br>observed<br>properly l | ree it po<br>5.5: Barr<br>WMA<br>securin<br>d in WM<br>5.5: Barr<br>WMA<br>securin<br>d in WM<br>5.13.8: 1<br>red with<br>d in WM<br>5.13.8: 1<br>red with<br>d in WM<br>5.11: At<br>in an ac<br>d the iss<br>5.11: At<br>in an ac<br>poriefed | vses a tr<br>ricades<br>TA's coi<br>g an up<br>1ATA's a<br>ricades<br>TA's coi<br>g an up<br>1ATA's a<br>G an up<br>1ATA's a<br>Che tie l<br>a defe<br>1ATA's a<br>L'Enfar<br>vithou<br>e emplo<br>L'Enfar<br>ctive wo<br>sue with<br>L'Enfar<br>ctive wo<br>prior to | rip-and-fi<br>were no<br>mpliance<br>dated m<br>approach<br>were no<br>mpliance<br>dated m<br>approach<br>barricade<br>crive loc<br>approach<br>the loc<br>approach<br>the Plaza, i<br>ork zone<br>the em<br>the laza a<br>ork zone<br>o entering | all hazard. S<br>t observed<br>inspector :<br>ap. Remedi<br>t observed<br>i to remedi<br>t observed<br>i nspector :<br>ap. Remedia<br>t o remedi<br>t o remedi<br>t o remedi<br>t o remedi<br>five contrac<br>glasses. Con<br>two WMAT<br>without ha<br>ployees.<br>WMATA c<br>without an<br>g the work | See Figure 1<br>at L1 055+00<br>addressed th<br>al Action for<br>al action ID #<br>at L2 055+00<br>addressed th<br>al Action for<br>al action ID #<br>erork zone sei<br>Action for t<br>al action ID #<br>tors were of<br>mpliance off<br>A employee<br>rd hats. Com<br>ustodial emp<br>y PPE and w | D per the work<br>the defect<br>this defect is<br>#2216.<br>D per the work<br>the defect<br>this defect is<br>#2216.<br>t-up E1 03+60<br>his defect is<br>#2216.<br>bserved in an<br>icer addressed<br>s were<br>apliance officer |            | ended R   | einspec      | ction?   |                  | Yes  |
| Remedial Action                             | To achie          | addressed<br>ve complian<br>WMATA r  | ce with  | WMAT  | 'A's requ   | irements:   | trato at 12.1   | 52,50   |            |           |              |          |                  |      |

### Photos:





Figure 1: Corroded center drain at L2 152+50.



Federal Transit Administration

| Inspection Date                               | YYYY                          | MM           | DD             | Report Number             | 20181204-WI              |                      |                  |
|---|-------------------------------|--------------|----------------|---------------------------|--------------------------|----------------------|------------------|
| inspection Date                               | 2018                          | 12           | 04             | Report Number             | 20161204-001             | VIATA-WP-1           |                  |
| Rail Agency Name                              | Washington<br>Authority       | Metropolitan | Area Transit   | Rail Agency<br>Department | TRST                     | Sub- Department      | ТКІМ             |
|   |                               | Name         |                | Email                     | Office Phon              | e                    | Mobile Phone     |
| Rail Agency Department<br>Contact Information |                               |              |                |                           |                          |                      |                  |
| Inspection Location                           | C-Line, Track<br>Street (C13) | 2, Ronald Re | agan Washingto | n National Airport (C10   | ) to Crystal City (C09); | Track 1, Braddock Ro | ad (C12) to King |
| Inspection Summary                            |                               |              |                |                           |                          |                      |                  |
| Inspection Activity #                         | 1                             |              | 2              | 3                         | 4                        | 5                    | 6                |

### TRK-JSB-OBS TRK-WI-OBS Activity Code 1 1 **Inspection Units Inspection Subunits** 1 0 Defects (Number) 0 3 **Recommended Finding** No No **Remedial Action Required<sup>1</sup>** No Yes Yes **Recommended Reinspection** No

### Activity Summaries

| Inspection Activity #                       | 1           | Inspec   | tion Subj      | ect   | Job Safe  | ety Briefi      | ng                    |               |                               | Activity Co   | ode   | TR         | K   | JSB                        | OBS  |
|---|-------------|----------|----------------|-------|-----------|-----------------|-----------------------|---------------|-------------------------------|---------------|-------|------------|-----|----------------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST        | 621      |                |       |           | Accom<br>Inspec | panied<br>tor?        | Yes           | Out Brief<br>Conducted        | Yes           | Time  | 100<br>140 |     | Outside<br>Shift           | No   |
| Related Reports                             | N/A         |          |                |       |           | Relate          | d CAPS / I            | Findings      | N/A                           |               |       |            |     |                            |      |
|   | Ref         |          |                |       | Rule or S | OP              |                       | Standard      |                               | Other / Title |       |            | Che | cklist Refer               | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWPI        | M        |                |       |           |                 |                       |               |                               |               |       |            |     |                            |      |
| Standards, or Other                         |             |          |                |       |           |                 |                       |               |                               |               |       |            |     |                            |      |
|   | Mai<br>Trac |          | Yard           | Stati | ion C     | OCC             | RTA<br>Facility       | FTA<br>Office |                               | At-grade      | e Tui | nnel       | El  | evated                     | N/A  |
| Inspection Location                         |             |          |                | х     |           |                 |                       |               | Track Type                    |               |       | Х          |     |                            |      |
|   |             |          |                |       |           |                 |                       |               |                               | From          |       |            | 1   | То                         |      |
| Line(s)                                     | C-Line      | е        | Track<br>Numbe | r     | N/A       |                 | Chain Ma<br>and/or St |               | Ronald Reaga<br>National Airp | 0             | on    |            |     | agan Washi<br>irport (C10) | 0    |
|   | Hea         | d Car Nu | umber          | I     | Number o  | of Cars         |                       |               |                               |               |       |            |     |                            |      |
| Vehicles                                    |             | N/A      |                |       | N/A       |                 | Equip                 | ment          | N/A                           |               |       |            |     |                            |      |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.18 13:28:26 -05'00' |
| Inspector in Charge – Name      | Inspection Team |  |
| Winslow Powell                  | Alexander Nepa  |  |



|                 | FWSO inspector received a job safety briefing from TRST 679 at Ronald Reagan  | Number of Defects                | 0  |
|-----------------|---|----------------------------------|----|
|                 | Washington National Airport (C10) station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, | Recommended Finding?             | No |
| Description     | where to clear, known hazards and hotspots, the safety rule of the day, the   | <b>Remedial Action Required?</b> | No |
| Description     | location of the nearest hospital, and a check of personal protective equipment<br>(PPE) and roadway worker protection (RWP) ID.                             | Recommended Reinspection?        | No |
|                 | The FWSO inspector did not note any defects.  |                                  |    |
| Remedial Action | N/A   |                                  |    |

| Inspection Activity #                       | 2           | Insp            | ection Sub  | ject  | Track  | Inspecti  | on   |                                       |   |   | Activity Co | ode       | TF           | RK                | WI               | OBS   |
|---|-------------|-----------------|---|---|--|---|--|---------------------------------------|---|---|-------------|-----------|--------------|-------------------|------------------|-------|
| Job Briefing<br>Employee<br>Name/Title      | TRST        | 621             |   |   |  |   | ompa<br>ector  |                                       | Yes   | Out Brief<br>Conducted                            | Yes         | Time      | 1000<br>1400 |                   | Outside<br>Shift | No    |
| Related Reports                             | Safet       | y Dire          | ective 17-1   |   |  | Rela  | ted C  | APS / I                               | Findings  | CAP: FTA-TPE<br>Remedial Act                      | ,           |           | 15-002       |                   |                  |       |
|   | Ref         |                 |   |   | Rule or  | SOP   |  |                                       | Standard  |   | Other / T   | ītle      |              | Che               | klist Refe       | rence |
| Related Rules, SOPs,<br>Standards, or Other | TRST        | 1000            |   |   |  |   |  |                                       |   |   |             |           |              |                   |                  |       |
| Standards, or Other                         | RWPI        | VI 201          | 14  |   |  |   |  |                                       |   |   |             |           |              |                   |                  |       |
| Inspection Location                         | Mai<br>Trac |                 | Yard  | Stati   | ion  | осс   |  | RTA<br>cility                         | FTA<br>Office   | Track Type  | At-grad     | e Tu      | nnel         | Ele               | vated            | N/A   |
| inspection Location                         | x           |                 |   |   |  |   |  |                                       |   | Thack Type  | x           |           | Х            |                   |                  |       |
|   |             |                 |   |   |  |   |  |                                       |   |   | From        |           |              |                   | ·                |       |
| Line(s)                                     | C-Lin       | e               | Track<br>Numbe  | er  | Track<br>and 2   |   |  | ain Ma<br>d/or St                     | rker<br>ation(s)  | Ronald Reaga<br>National Airp<br>Braddock Roa     | ort (C10);  | on        |              | al City<br>Street | (C09);<br>(C13)  |       |
|   | Hea         | id Car          | Number  |   | Numbe  | of Cars   |  |                                       |   |   |             |           |              |                   |                  |       |
| Vehicles                                    |             | N/              | /A  |   | N,   | Ά   |  | Equip                                 | ment  | N/A   |             |           |              |                   |                  |       |
|   |             |                 |   |   |  |   |  |                                       | on and track  |   | Number      | of Defect | ts           |                   |                  | 3     |
|   |             |                 |   |   |  |   |  |                                       |   | /stal City (C09)<br>.3), track two.               | Recomm      | ended Fi  | nding?       |                   |                  | No    |
|   |             |                 |   |   |  |   | . ,  |                                       |   | .,,   | Remedia     | Action F  | Require      | ed?               |                  | Yes   |
| Description                                 | The f       | •<br>•<br>ollow | were observed<br>TRST 1000<br>switch rod<br>TRST 1000 | , <b>9.22</b> :<br>rved o<br>, <b>9.10</b> :<br>was lo<br>, <b>10.1</b><br>etwee<br>al acti | At C2 3<br>on the b<br>At C2 3<br>oose.<br><b>7.4.1:</b> B<br>en the f | 63+00 a<br>ace plat<br>63+00 a<br>etween<br>eld side<br><b>verified</b> | at the<br>te.<br>at the<br>C2 34<br>of th<br>I as co | 11B fr<br>11B sv<br>2+30 a<br>e track | og, four broł<br>vitch, the nu<br>nd 337+00 r<br>and the cat<br><b>e:</b> | elay rail was                                     |             | ended Re  | einspec      | ction?            |                  | Yes   |
| Remedial Action                             |             | •               | WMATA m   | ust re<br>ust tig   | pair the<br>ghten th   | four loc<br>e numb  | ose-bi<br>er fou                                     | roken l<br>ur swite                   | ch rod at the   | 63+00 11B swite<br>1B switch, C2 3<br>and 337+00. | 0           | •         |              |                   |                  |       |



Federal Transit Administration

| Inspection Date        | YYYY                    | MM            | DD                | Report Number             | 20181204-WM            |                 | VD <b>2</b> |               |
|------------------------|-------------------------|---------------|-------------------|---------------------------|------------------------|-----------------|-------------|---------------|
| inspection Date        | 2018                    | 12            | 04                | Report Number             | 20101204-001           | VIATA-V         | VP-2        |               |
| Rail Agency Name       | Washington<br>Authority | Metropolitan  | Area Transit      | Rail Agency<br>Department | ATC                    | Sub- Department |             |               |
|                        | 1                       | Name          |                   | Email                     | Office Phone           |                 | N           | /lobile Phone |
| Rail Agency Department |                         |               |                   |                           |                        |                 |             |               |
| Contact Information    |                         |               |                   |                           |                        |                 |             |               |
|                        |                         |               |                   |                           |                        |                 |             |               |
|                        |                         |               |                   |                           |                        |                 |             |               |
| Inspection Location    | C-Line, Foggy           | y Bottom (CO4 | ), track 1 and 2, | CM 064+40 to CM 068       | +70; Train Control Roo | m (TCR)         |             |               |
|                        |                         | ,             | ,,,               |                           | -,                     | ()              |             |               |

### **Inspection Summary**

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

### **Activity Summaries**

| Inspection Activity #                       | 1            | Inspection Su | ıbject | Job Sa  | fety Brie      | fing             |               |                        | Activity Co   | ode  | AT          | С                   | JSB              | OBS |
|---|--------------|---------------|--------|---------|----------------|------------------|---------------|------------------------|---------------|------|-------------|---------------------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | ATC 2        | 180           |        |         | Accor<br>Inspe | npanied<br>ctor? | Yes           | Out Brief<br>Conducted | Yes           | Time | 1000<br>140 |                     | Outside<br>Shift | No  |
| Related Reports                             | N/A          |               |        |         | Relat          | ed CAPS / I      | indings       | N/A                    |               |      |             |                     |                  |     |
|   | Ref          |               |        | Rule or | SOP            |                  | Standard      |                        | Other / Title |      |             | Checklist Reference |                  |     |
| Related Rules, SOPs,<br>Standards, or Other | MSRP         | н             |        |         |                |                  |               |                        |               |      |             |                     |                  |     |
| Standards, or Other                         |              |               |        |         |                |                  |               |                        |               |      |             |                     |                  |     |
|   | Mair<br>Trac | Yard          | Sta    | tion    | осс            | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grade      | e Tu | nnel        | Ele                 | evated           | N/A |
| Inspection Location                         |              |               |        |         |                | х                |               | Track Type             |               |      | x           |                     |                  |     |
| Ling(a)                                     | Cline        | Trac          | (      | NI/A    |                | Chain Ma         | rker          |                        | From          | ÷    |             |                     | То               |     |
| Line(s)                                     | C-Line       | Num           | ber    | N/A     |                | and/or St        | ation(s)      | Foggy Bottom           | n (CO4) TCR   |      | Foggy       | Bott                | om (C04) T       | CR  |
|   | Hea          | d Car Number  |        | Number  | of Cars        |                  |               |                        |               |      |             |                     |                  |     |
| Vehicles                                    |              | N/A           |        | N/      | A              | Equip            | ment          | N/A                    |               |      |             |                     |                  |     |

| Inspector in Charge - Signature              |                              | Date   |
|--|------------------------------|--|
|  | WINSLOW L. POWELI            | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.18 13:32:12 -05'00' |
| Inspector in Charge - Name<br>Winslow Powell | Inspection Team<br>Lee Emard |  |



|                 | FWSO inspector received a job safety briefing from the WMATA ATC 2180 at   | Number of Defects                | 0  |
|-----------------|--|----------------------------------|----|
|                 | Foggy Bottom (C04) Train Control Room (TCR). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC | Recommended Finding?             | No |
| Description     | personnel covered the nearest hospital and safety rule of the day. The potential   | <b>Remedial Action Required?</b> | No |
|                 | safety hazards were discussed.   | Recommended Reinspection?        | No |
|                 | The FWSO inspector did not note any defects.   |                                  |    |
| Remedial Action | N/A  |                                  |    |

| Inspection Activity #                       | 2           | Insp                          | ection Sub  | ject  | ATC Ob  | servatio   | on   |  |                                      | Activity Co | ode        | AT          | С                    | RM               | PI    |
|---|-------------|-------------------------------|---|---|---|--|--|--|--------------------------------------|-------------|------------|-------------|----------------------|------------------|-------|
| Job Briefing<br>Employee<br>Name/Title      | ATC #       | #2180                         | D   |   |   |  | mpanied<br>ector?  | Yes  | Out Brief<br>Conducted               | Yes         | Time       | 1000<br>140 |                      | Outside<br>Shift | No    |
| Related Reports                             | N/A         |                               |   |   |   | Relat  | ed CAPS /  | Findings   | Remedial Act<br>CAP: FTA-TP          |             | L, 1490, 3 | 22, 312     | 20                   |                  |       |
|   | Ref         |                               |   |   | Rule or   | SOP  |  | Standard   |                                      | Other / T   | ïtle       |             | Checkl               | ist Refe         | rence |
| Related Rules, SOPs,<br>Standards, or Other |             |                               | 3003 -<br>Ig Inspectio  | n   |   |  |  |  |                                      |             |            |             |                      |                  |       |
| Increastion Location                        | Mai<br>Trac |                               | Yard  | Stat  | ion   | осс  | RTA<br>Facility  | FTA<br>Office  | Track Type                           | At-grad     | e Tu       | nnel        | Eleva                | ted              | N/A   |
| Inspection Location                         | x           |                               |   |   |   |  | х  |  | паск туре                            |             |            | х           |                      |                  |       |
|   |             |                               | Track   |   | Tracks  | 1  | Chain Ma   | rkor   |                                      | From        |            |             |                      | То               |       |
| Line(s)                                     | C-Line      | e                             | Numb  | er  | and 2   | , ,  | and/or St  |  | Foggy Botton<br>C1/C2 CM 06          |             |            |             | / Bottom<br>2 CM 068 |                  |       |
| Vehicles                                    | Неа         | id Car                        | r Number  |   | Number  | of Cars  | Equip  | ment   | N/A                                  |             |            |             |                      |                  |       |
| venicies                                    |             | N/                            | /A  |   | N/.   | 4  | Equip  | inent  | NA                                   |             |            |             |                      |                  |       |
|   |             |                               | •   |   |   |  | •  | perform an i<br>003 interloc   |                                      | Number      | of Defect  | ts          |                      |                  | 3     |
|   |             |                               |   |   |   |  |  | e track at Fo  | 0                                    | Recomm      | ended Fi   | nding?      |                      |                  | No    |
|   | . ,         |                               |   |   |   |  | . The switc  | hes 1A/3A o  | n track 1 and                        | Remedia     | Action     | Require     | d?                   |                  | Yes   |
| Description                                 | The fo      | ollow<br>•<br>•<br>ollow<br>• | row were of<br>restriction<br><b>TRST 1000</b><br>065+30. Re<br>approach th<br><b>TRST 1000</b><br>065+90. Re<br>approach th<br><b>ing remedi</b><br>WMATA re<br>WMATA re | oded<br>Table<br>bbserv<br>was a<br>lor-co<br>, 13.5<br>emedi<br>o FTA<br>; 13.5<br>emedi<br>o FTA<br>ial act<br>epaire<br>epaire<br>epaire | defect w<br>e 7-1: At<br>ved at the<br>pplied. Y<br>oded defe<br>.7: Third<br>ial action<br>-TPE-17-<br>.7: Third<br>ial action<br>-TPE-17-<br>ions wer<br>d the rail<br>d the fas<br>d the def | as obser<br>CM C1 C<br>e holdin<br>ellow co<br>ects wer<br>rail was<br>for this<br>021-A.<br>rail was<br>for this<br>021-A.<br>e verifie<br>tread m<br>treners a<br>ective w | 067+65, thr<br>g gauge on<br>ondition. So<br>e observed<br>missing co<br>defect is ad<br>missing co<br>defect is ad<br>effect is ad<br>rd as comp<br>hismatch at<br>t C04, switt<br>yeld at C2 C | left rail. No<br>ee figure 1 b<br>l:<br>ver board at<br>ddressed by<br>ver board at<br>ddressed by<br>lete:<br>: C1 066+30.<br>ch 1B, at C2<br>)65+90. | CM C1<br>WMATA's<br>CM C1<br>WMATA's | Recomm      | ended Ri   | einspec     | tion?                |                  | Yes   |
| Remedial Action                             |             |                               | complianc<br>WMATA m  |   |   |  |  | 067+65   |                                      |             |            |             |                      |                  |       |



Photo:



Figure 1: Defective fasteners at CM C1 067+65.



Federal Transit Administration

| Inspection Date                               | YYYY   | MM           | DD           | Report Number             | 20181205-WMATA-WP-1 |                 |   |              |  |  |
|---|--|--------------|--------------|---------------------------|---------------------|-----------------|---|--------------|--|--|
| inspection Date                               | 2018   | 12           | 05           | Report Number             |                     |                 |   |              |  |  |
| Rail Agency Name                              | Washington<br>Authority  | Metropolitan | Area Transit | Rail Agency<br>Department | ATC                 | Sub- Department |   |              |  |  |
|   | l  | Name         |              | Email                     | Office Phone        | e               | N | 1obile Phone |  |  |
| Rail Agency Department<br>Contact Information |  |              |              |                           |                     |                 |   |              |  |  |
| Inspection Location                           | K-Line, Ballston-MU (K04), track 1 and 2, CM 273+00 to CM 278+00; Train Control Room 115 (TCR) |              |              |                           |                     |                 |   |              |  |  |

### **Inspection Summary**

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

### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection Sub | ject  | Job Safe       | ety Brief                   | ing              |               |                        | Activity Co | ode             | AT          | C                   | JSB              | OBS |
|---|---------------|----------------|-------|----------------|-----------------------------|------------------|---------------|------------------------|-------------|-----------------|-------------|---------------------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | ATC 23        | 368            |       |                | Accon<br>Inspec             | npanied<br>ctor? | Yes           | Out Brief<br>Conducted | Yes         | Time            | 1000<br>140 |                     | Outside<br>Shift | No  |
| Related Reports                             | N/A           |                |       |                | Related CAPS / Findings N/A |                  |               | N/A                    |             |                 |             |                     |                  |     |
|   | Ref           | Rule or SC     |       |                |                             |                  | Standard      |                        | Other / T   | ïtle            |             | Checklist Reference |                  |     |
| Related Rules, SOPs,<br>Standards, or Other | MSRP          | 4              |       |                |                             |                  |               |                        |             |                 |             |                     |                  |     |
| Standards, or other                         |               |                |       |                |                             |                  |               |                        |             |                 |             |                     |                  |     |
|   | Mair<br>Tracl | Yard           | Stati | ion C          | DCC                         | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grade    | At-grade Tunnel |             | Ele                 | evated           | N/A |
| Inspection Location                         |               |                |       |                |                             | х                |               | Track Type             |             |                 | х           |                     |                  |     |
| Ling(a)                                     | Kling         | Track          |       |                |                             | Chain Mai        | ·ker          |                        | From        | ·               |             |                     | То               |     |
| Line(s)                                     | K-Line        | Numbe          | er    | N/A            |                             | and/or Sta       | ation(s)      | Ballston-MU            | (K04) TCR   |                 | Ballst      | on (K               | 04) TCR          |     |
|   | Head          | l Car Number   |       | Number of Cars |                             |                  | _             |                        |             |                 |             |                     |                  |     |
| Vehicles                                    |               | N/A            |       | N/A            | 1                           | Equip            | nent          | N/A                    |             |                 |             |                     |                  |     |

| Inspector in Charge - Signature |                     | Date   |                                      |
|---------------------------------|---------------------|--|--------------------------------------|
|                                 |                     | WINSLOW L. POWELL Digitally signed by Date: 2018.12.18 1 | WINSLOW L. POWELL<br>3:34:51 -05'00' |
| Inspector in Charge - Name      | Inspection Team     | !  |                                      |
| Winslow Powell                  | Lee Emard , Al Nepa |  |                                      |
|                                 |                     |  |                                      |



|                 | FWSO inspectors received a job safety briefing from the WMATA ATC 2368 at  | Number of Defects                | 0  |
|-----------------|--|----------------------------------|----|
|                 | Ballston-MU (K04) Train Control Room (TCR). All personal protective equipment<br>(PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC | Recommended Finding?             | No |
| Description     | personnel covered the nearest hospital and safety rule of the day. The potential   | <b>Remedial Action Required?</b> | No |
|                 | safety hazards were discussed.   | Recommended Reinspection?        | No |
|                 | The FWSO inspectors did not note any defects.  |                                  |    |
| Remedial Action | N/A  |                                  |    |

| Inspection Activity #                       | 2   | Inspe          | ction Sub     | ject | ATC C       | )<br>bservat    | ion  |                                 |                             | Activity Co | ode                      | AT      | C      | RM                 | PI    |
|---|---|----------------|---------------|------|-------------|-----------------|--|---------------------------------|-----------------------------|-------------|--------------------------|---------|--------|--------------------|-------|
| Job Briefing<br>Employee<br>Name/Title      | ATC #   | 2368           |               |      |             |                 | Accompanied<br>Inspector? Yes Out Brief<br>Conducted |                                 |                             | Yes         | Time         1000<br>140 |         |        | Outside<br>Shift   | No    |
| Related Reports                             | N/A   |                |               |      |             | Rela            | ted CAPS   | / Findings                      | CAP: FTA-TP                 | E-17-021-A  |                          |         |        |                    |       |
|   | Ref   |                |               |      | Rule o      | SOP             |  | Standard                        |                             | Other / 1   | Other / Title            |         |        |                    | rence |
| Related Rules, SOPs,<br>Standards, or Other | ATC 3000, 3003 -<br>Interlocking Inspection   |                |               |      |             |                 |  |                                 |                             |             |                          |         |        |                    |       |
|   | Main<br>Track Yard Station  |                |               | tion | OCC         | RTA<br>Facility | FTA<br>Office  |                                 | At-grad                     | e Tu        | nnel                     | Ele     | evated | N/A                |       |
| Inspection Location                         | X   |                |               |      |             |                 | X  |                                 | Track Type                  |             |                          | х       |        |                    |       |
|   |   | 1              |               |      |             |                 |  |                                 |                             | From        |                          |         |        | То                 |       |
| Line(s)                                     | C-Line  | !              | Track<br>Numb | er   | Trac<br>and |                 | Chain N<br>and/or                                    | larker<br>Station(s)            | Foggy Botton<br>C1/C2 CM 06 | . ,         |                          |         |        | om (C04)<br>068+70 |       |
| Vehicles                                    | Неас  | d Car N<br>N/A | Number        |      |             | r of Cars<br>/A |  | ipment                          | N/A                         |             |                          |         |        |                    |       |
|   |   |                | •             |      |             |                 | •  | el perform an                   |                             | Number      | of Defect                | ts      |        |                    | 3     |
|   |   |                |               |      |             |                 |  | 3003 interloc<br>ne track at Ba | 0                           | Recomm      | nding?                   | ng? No  |        | No                 |       |
|   |   |                |               | •    |             | '               |  |                                 |                             | Remedia     | I Action I               | Require | ed?    |                    | No    |
| Description                                 | <ul> <li>(Kor) Hom CI/C2 CM 275100 to CM 275100. The switches IA/SA on track 1 and switches 1B/3B on track 2 were inspected.</li> <li>The following non-color-coded defects were noted:         <ul> <li>TRST 1000, 13.5.7: Third rail was missing coverboard at CM K1 276+60. Remedial action for this defect is addressed by WMATA's approach to FTA-TPF-17-021-A.</li> </ul> </li> </ul> |                |               |      |             |                 |  |                                 |                             | Yes         |                          |         |        |                    |       |
| Remedial Action                             | N/A   |                |               |      |             |                 |  |                                 |                             |             |                          |         |        |                    |       |



Federal Transit Administration

| Inspection Date        | YYYY                    | MM              | DD               | Report Number             | 2019120E W/         |          |   |              |  |  |
|------------------------|-------------------------|-----------------|------------------|---------------------------|---------------------|----------|---|--------------|--|--|
| inspection Date        | 2018                    | 12              | 05               | Report Number             | 20181205-WMATA-WP-2 |          |   |              |  |  |
| Rail Agency Name       | Washington<br>Authority | Metropolitan    | Area Transit     | Rail Agency<br>Department | RTRA                | Sub- Dep |   |              |  |  |
|                        |                         | Name            |                  | Email                     | Office Phon         | e        | N | 1obile Phone |  |  |
| Rail Agency Department |                         |                 |                  |                           |                     |          |   |              |  |  |
| Contact Information    |                         |                 |                  |                           |                     |          |   |              |  |  |
|                        |                         |                 |                  |                           |                     |          |   |              |  |  |
| Inspection Location    | Green Line,             | Track 2, Fort T | otten (E06) to 0 | College Park (E09)        | · · ·               |          |   |              |  |  |
|                        | Green Line,             | Track 2, Mt Ve  | ernon Sq (E01) t | o Fort Totten (E06)       |                     |          |   |              |  |  |

### **Inspection Summary**

| Inspection Activity #                 | 1           | 2          | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|------------|---|---|---|---|
| Activity Code                         | RTRA-RC-OBS | TRK-RC-OBS |   |   |   |   |
| Inspection Units                      | 1           | 1          |   |   |   |   |
| Inspection Subunits                   | 1           | 1          |   |   |   |   |
| Defects (Number)                      | 0           | 0          |   |   |   |   |
| Recommended Finding                   | No          | No         |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No         |   |   |   |   |
| Recommended Reinspection              | No          | No         |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1           | Inspec      | tion Subj | ect   | Operato     | or Rules C                  | Complianc       | e Observatio  | on                     | Activity Co | ode   | RTR        | RA     | RC                   | OBS  |
|---|-------------|-------------|-----------|-------|-------------|-----------------------------|-----------------|---------------|------------------------|-------------|-------|------------|--------|----------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | N/A         |             |           | ·     |             | Accom<br>Inspect            | panied<br>tor?  | No            | Out Brief<br>Conducted | Yes         | Time  | 090<br>160 | -      | Outside<br>Shift     | No   |
| Related Reports                             | N/A         |             |           |       |             | Related CAPS / Findings N/A |                 |               | N/A                    |             |       |            |        |                      |      |
|   | Ref         | Ref Rule or |           |       |             |                             | OP Standard     |               |                        | Other / T   | ïtle  |            | Che    | cklist Refer         | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWP         | N           | T-16-07   |       |             |                             |                 |               |                        |             |       |            |        |                      |      |
| Standards, or other                         | MSRF        | /ISRPH      |           |       |             |                             |                 |               |                        |             |       |            |        |                      |      |
|   | Mai<br>Trac |             | Yard      | Stati | Station OCC |                             | RTA<br>Facility | FTA<br>Office |                        | At-grade    | e Tui | nnel       | Ele    | evated               | N/A  |
| Inspection Location                         | х           |             |           |       |             |                             |                 |               | Track Type             | x           |       |            |        |                      |      |
| Line(c)                                     | E-Lin       | -           | Track     |       | Track 2     | (                           | Chain Mai       | ·ker          |                        | From        | То    |            |        |                      |      |
| Line(s)                                     | E-LIN       | e           | Numbe     | er    | TTACK 2     | ā                           | and/or Sta      | ation(s)      | Mt Vernon Sc           | (E01)       |       | Colleg     | ge Par | <sup>-</sup> k (E09) |      |
| Mahalaa                                     | Неа         | d Car N     | umber     | Ν     | Number o    | f Cars                      |                 |               |                        |             |       |            |        |                      |      |
| Vehicles                                    |             | N/A         |           |       | N/A         |                             | Equipment       |               | N/A                    |             |       |            |        |                      |      |

| Inspector in Charge - Signature |                 |                   | Date   |
|---------------------------------|-----------------|-------------------|--|
|                                 |                 | WINSLOW L. POWELL | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 10:11:20 -05'00' |
| Inspector in Charge – Name      | Inspection Team |                   |  |
| Winslow Powell                  | Tamara Powell   |                   |  |
|                                 |                 |                   |  |



|                 | The FWSO inspector conducted an operator rules compliance observation of five  | Number of Defects         | 0  |
|-----------------|--|---------------------------|----|
|                 | (5) trains on Track 2 from College Park (E09) to Fort Totten (E06) and Fort Totten (E06) to Mt Vernon Sq (E01).  | Recommended Finding?      | No |
|                 |  | Remedial Action Required? | No |
|                 | The FWSO inspector observed each train operator receive operating conditions and instructions from the AMF's at College Park (E09), Fort Totten (E06), and Georgia Avenue (E05) stations.                    |                           |    |
| Description     | The FWSO inspector observed train operators perform horn blasts when departing stations, comply with speed restrictions between stations and ensure train clearance was achieved when passing roadway crews. | Recommended Reinspection? | No |
|                 | The FWSO inspector did not note any defects.   |                           |    |
| Remedial Action | N/A  |                           |    |

| Inspection Activity #                       | 2  | Inspe   | ction Sub       | ject     | AMF R                       | ules Cor | mpliance                          | Observation            |   | Activity Co | de                   | TR      | ĸĸ               | RC         | OBS      |
|---|--|---------|-----------------|----------|-----------------------------|----------|-----------------------------------|------------------------|---|-------------|----------------------|---------|------------------|------------|----------|
| Job Briefing<br>Employee<br>Name/Title      | N/A  |         |                 |          | Accompanied<br>Inspector?   |          | No                                | Out Brief<br>Conducted | Yes   | Time        | 090<br>16            |         | Outside<br>Shift | No         |          |
| Related Reports                             | N/A  |         |                 |          | Related CAPS / Findings N/A |          |                                   |                        |   |             |                      |         |                  |            |          |
|   | Ref  |         |                 |          | Rule or                     | SOP      |                                   | Standard               |   | Other / T   | itle                 |         | Chec             | klist Refe | rence    |
| Related Rules, SOPs,<br>Standards, or Other | RWPN   | RWPM    |                 |          |                             |          |                                   |                        |   |             |                      |         |                  |            |          |
| Standards, or other                         | MSRPH  |         |                 |          |                             |          |                                   |                        |   |             |                      |         |                  |            |          |
|   | Main<br>Track Yard Stati   |         |                 | Statio   | on                          | осс      | RTA<br>Facility                   | FTA<br>Office          | Treads Tread                                      | At-grade    | e Tu                 | nnel    | Elev             | vated      | N/A      |
| Inspection Location                         |  |         |                 | Х        |                             |          |                                   |                        | Track Type  | x           |                      |         |                  |            |          |
| Line(s)                                     | E-Line   |         | Track<br>Number |          |                             | 2        | Chain Marker<br>and/or Station(s) |                        |   | From        |                      | 6       |                  | To         | <b>`</b> |
|   | llee   | d Car N |                 |          |                             | of Com   | anuyor                            | station(s)             | College Park (                                    | E09)        |                      | Geor    | gia Ave          | nue (E05   | )        |
| Vehicles                                    | Неа  |         | Number          | IN       | lumber                      |          | Equipment N/A                     |                        |   |             |                      |         |                  |            |          |
|   |  | N/A     |                 |          | N//                         |          |                                   | (                      |   | Number      |                      |         |                  |            |          |
|   |  |         |                 |          |                             |          | -                                 |                        | ers (AMF), one WMATA<br>(E09), Fort Totten (E06), |             |                      |         |                  |            | 0        |
|   |  | ·       |                 |          |                             |          | 0                                 |                        | the platform at                                   |             | Recommended Finding? |         |                  |            | No       |
|   | Track  | 2, 8-са | ar train ma     | arker, v | vith req                    | uired Pe | ersonal P                         | otective Equip         | oment (PPE).                                      | Remedia     | Action I             | Require | ed?              |            | No       |
| Description                                 | Track 2, 8-car train marker, with required Personal Protective Equipment (PPE).Remedial Action Required?NoThe FWSO inspector observed each AMF issue instructions to each train operator<br>as they entered the station. FWSO inspector verified that each AMF read from the<br>scripted information card and utilized proper flagging to alert train operators of<br>RWP operating conditions.Recommended Reinspection?NoThe FWSO inspector did not note any defects.No |         |                 |          |                             |          |                                   |                        |   | No          |                      |         |                  |            |          |
| Remedial Action                             | N/A  |         |                 |          |                             |          |                                   |                        |   |             |                      |         |                  |            |          |



Federal Transit Administration

| Inspection Date                               | YYYY                    | MM            | DD           | Report Number             | 20181206-WMATA-WP-1 |          |   |              |  |  |
|---|-------------------------|---------------|--------------|---------------------------|---------------------|----------|---|--------------|--|--|
|   | 2018                    | 12            | 06           |                           |                     |          |   |              |  |  |
| Rail Agency Name                              | Washington<br>Authority | Metropolitan  | Area Transit | Rail Agency<br>Department | TRPM                | Sub- Dep |   |              |  |  |
|   | I                       | Name          |              | Email                     | Office Phone        | е        | N | 1obile Phone |  |  |
|   |                         |               |              |                           |                     |          |   |              |  |  |
| Rail Agency Department<br>Contact Information |                         | 1             |              |                           |                     |          |   |              |  |  |
| contact information                           |                         |               |              |                           |                     |          |   |              |  |  |
|   |                         |               |              |                           |                     |          |   |              |  |  |
| Inspection Location                           | B-Line, Brent           | wood Yard, (E | 399)         |                           |                     | ·        |   |              |  |  |

### **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          | 15        |   |   |   |   |
| Recommended Finding                   | No         | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No         | Yes       |   |   |   |   |
| Recommended Reinspection              | No         | Yes       |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1           | Inspec   | tion Subj | ect   | Job Safe  | ety Briefi                  | ng              |               |                        | Activity Co | ode   | TF         | þ    | JSB              | OBS  |  |
|---|-------------|----------|-----------|-------|-----------|-----------------------------|-----------------|---------------|------------------------|-------------|-------|------------|------|------------------|------|--|
| Job Briefing<br>Employee<br>Name/Title      | Powe        | r unit 1 | 133       |       |           | Accompanied<br>Inspector?   |                 | Yes           | Out Brief<br>Conducted | Yes         | Time  | 100<br>140 | -    | Outside<br>Shift | No   |  |
| Related Reports                             | N/A         |          |           |       |           | Related CAPS / Findings N/A |                 |               | N/A                    |             |       |            |      |                  |      |  |
|   | Ref         |          |           |       | Rule or S | OP                          |                 | Standard      |                        | Other / T   | ïtle  |            | Che  | cklist Refer     | ence |  |
| Related Rules, SOPs,<br>Standards, or Other | RWP         | M        |           |       | R-17-02   |                             |                 |               |                        |             |       |            |      |                  |      |  |
| Standards, or other                         | MSRP        | ч        |           |       | R-17-03   |                             |                 |               |                        |             |       |            |      |                  |      |  |
|   | Mai<br>Trac |          | Yard      | Stati | on C      | OCC                         | RTA<br>Facility | FTA<br>Office | Tue de Ture e          | At-grade    | e Tui | unnel      |      | evated           | N/A  |  |
| Inspection Location                         |             |          | х         |       |           |                             |                 |               | Track Type             | x           |       |            |      |                  |      |  |
| Line(c)                                     | B-Line      |          | Track     |       | NI/A      |                             | Chain Ma        | rker          |                        | From        |       |            | То   |                  |      |  |
| Line(s)                                     | B-LIN6      | 2        | Numbe     | r     | N/A       |                             | and/or St       | ation(s)      | Brentwood Ya           | ard (B99)   |       | Brent      | wood | l Yard (B99      |      |  |
|   | Неа         | d Car N  | umber     | ١     | Number c  | of Cars                     |                 |               |                        |             |       |            |      |                  |      |  |
| Vehicles                                    |             | N/A      |           |       | N/A       |                             | Equip           | ment          | N/A                    |             |       |            |      |                  |      |  |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | WINSLOW L. POWELL<br>date: 2018.12.18 13:39:21 -05'00' |
| Inspector in Charge – Name      | Inspection Team |  |
| Winslow Powell                  | Alexander Nepa  |  |
|                                 |                 |  |



|   |                    | spector recei  | -                   |                             |           | 0               |                                  |                               | Number                    | of Defec    | ts      |                  |            | 0    |  |
|---|--------------------|--|---------------------|-----------------------------|-----------|-----------------|----------------------------------|-------------------------------|---------------------------|-------------|---------|------------------|------------|------|--|
|   |                    |  |                     |                             |           |                 |                                  | the roadway.                  | Recomm                    | nended Fi   | nding?  |                  |            | No   |  |
|   |                    | 0  |                     |                             |           |                 |                                  | mits, where to ocation of the | Remedia                   | al Action I | Require | ed?              |            | No   |  |
| Description                                 | nearest<br>roadway | hospital, and<br>y worker prot<br><b>SO inspector</b>  | a check<br>ection ( | of pers<br>RWP) ID          | onal pro  | otective eq     |                                  |                               | Recommended Reinspection? |             |         |                  |            | No   |  |
| Remedial Action                             | N/A                |  |                     |                             |           |                 |                                  |                               |                           |             |         |                  |            |      |  |
| Inspection Activity #                       | 2 li               | nspection Sub  | bject               | Third Ra                    | ail and C | Cable Inspe     | ection Observ                    | vation                        | Activity C                | ode         | Т       | Р                | WI         | OBS  |  |
| Job Briefing<br>Employee<br>Name/Title      | Power u            | Power unit 1133 Accompanied Inspector? Yes Out Brief Conducted   |                     |                             |           |                 |                                  | Yes                           | Time                      | 100<br>14   | 00-     | Outside<br>Shift | No         |      |  |
| Related Reports                             | Safety D           | irective 17-1  |                     |                             | Relat     | ed CAPS /       | Findings                         | FTA-TPE-17-0                  | )21-A                     | 1           |         |                  |            |      |  |
|   | Ref                |  |                     | Rule or S                   | SOP       |                 | Standard                         |                               | Other /                   | Гitle       |         | Check            | list Refer | ence |  |
| Related Rules, SOPs,<br>Standards, or Other | TRST 10            | 00   |                     |                             |           |                 |                                  |                               |                           |             |         |                  |            |      |  |
|   |                    |  |                     |                             |           | 574             | ET A                             |                               |                           |             |         |                  |            |      |  |
|   | Main<br>Track      | Yard   | Statio              | on C                        | DCC       | RTA<br>Facility | FTA<br>Office                    |                               | At-grad                   | e Tu        | nnel    | Elev             | ated       | N/A  |  |
| Inspection Location                         |                    | x  |                     |                             |           |                 |                                  | Track Type                    | х                         |             |         |                  |            |      |  |
| Line(s)                                     | B-Line             | Track  |                     | Yard Ti                     | racks     | Chain Ma        |                                  |                               | From                      |             |         |                  | То         |      |  |
|   |                    | Numb   | ber                 | and/or Station(s) Brentwood |           |                 |                                  | Brentwood Y                   | ard (B99)                 |             | Bren    | twood Y          | ard (B99)  |      |  |
| Vehicles                                    | Head (             | Car Number   | N                   | lumber o                    | of Cars   | Equip           | ment                             | N/A                           |                           |             |         |                  |            |      |  |
|   |                    | N/A  |                     | N/A                         |           |                 |                                  | _                             |                           |             |         |                  |            |      |  |
|   |                    | FWSO inspector observed WMATA power employees perform a power cable inspection of the yard tracks (YCR) in Brentwood Yard (B99). Inspectors also |                     |                             |           |                 |                                  |                               | Number                    | of Defect   | ts      |                  |            | 15   |  |
|   |                    | observed third rail and track conditions.  |                     |                             |           |                 |                                  |                               |                           | nended Fi   | nding?  |                  |            | No   |  |
|   |                    |  |                     |                             |           |                 |                                  |                               |                           | al Action I | Require | ed?              |            | Yes  |  |
|   | The foll           | owing non-co   |                     |                             |           |                 | l:<br>.t YCR 71, th              | a third rail                  |                           |             |         |                  |            |      |  |
|   | •                  | power wa   |                     |                             |           |                 | (1 TCK / 1, 11)                  |                               |                           |             |         |                  |            |      |  |
|   | •                  |  |                     |                             |           |                 | t YCR 71, the                    | e conduit stub-               |                           |             |         |                  |            |      |  |
|   |                    | up was mi  | -                   |                             | -         | -               |                                  |                               |                           |             |         |                  |            |      |  |
|   | •                  |  |                     |                             |           |                 |                                  | e power cable                 |                           |             |         |                  |            |      |  |
|   | •                  |  | -                   |                             | -         | -               | nt sealing col<br>was missing    | lar.<br>cover board at        |                           |             |         |                  |            |      |  |
|   |                    |  |                     |                             |           |                 | dressed by \                     |                               |                           |             |         |                  |            |      |  |
|   |                    | approach   |                     |                             |           |                 |                                  | 1.11                          |                           |             |         |                  |            |      |  |
|   | •                  | WMATA,<br>stub-up w  |                     |                             |           |                 | At YCR 70, th                    | e conduit                     |                           |             |         |                  |            |      |  |
| Description                                 | •                  |  |                     | -                           |           | -               | t YCR 70, the                    | e third rail                  |                           |             |         |                  |            |      |  |
|   |                    | power cab  | ole was             | contacti                    | ng the g  | round.          |                                  |                               |                           |             |         |                  |            |      |  |
|   | •                  |  |                     |                             |           |                 |                                  | e power cable                 | Recomn                    | nended Re   | einspeo | ction?           |            | Yes  |  |
|   | •                  | •  | •                   | ,                           |           | 0               | nt sealing col<br>at YCR 38, the | lar.<br>e conduit stub-       |                           |             |         |                  |            |      |  |
|   |                    | up was mi  |                     |                             |           |                 |                                  | contrait stub                 |                           |             |         |                  |            |      |  |
|   | •                  |  |                     |                             |           |                 | t YCR 36, the                    | e conduit stub-               |                           |             |         |                  |            |      |  |
|   | _                  | up was mi  | -                   |                             | -         | -               | + VCP 2C +                       | nowor coblo                   |                           |             |         |                  |            |      |  |
|   | •                  | -  |                     |                             |           |                 | nt sealing col                   | e power cable<br>lar.         |                           |             |         |                  |            |      |  |
|   | •                  |  | -                   |                             | -         | -               | -                                | e conduit stub-               |                           |             |         |                  |            |      |  |
|   |                    | up was mi  | -                   |                             | -         | -               |                                  |                               |                           |             |         |                  |            |      |  |
|   | •                  |  |                     |                             |           |                 |                                  |                               |                           |             |         |                  |            |      |  |
|   |                    | YCR 88. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.  |                     |                             |           |                 |                                  |                               |                           |             |         |                  |            |      |  |
|   | •                  |  |                     |                             |           | At YCR 8        | 7, an un-used                    | d conduit stub-               |                           |             |         |                  |            |      |  |
|   |                    | up was no  | ot cappe            | d.                          |           |                 |                                  |                               |                           |             |         |                  |            |      |  |



|                 | TEST 1000 12 5 7. Third sell and ensure the use mission ensure heard at  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|
|                 | <ul> <li>TRST 1000, 13.5.7: Third rail end approach was missing cover board at<br/>YCR 87. Remedial action for this defect is addressed by WMATA's<br/>approach to FTA-TPE-17-021-A.</li> <li>TRST 1000, 13.5.7: Third rail end approach was missing cover board at</li> </ul> |  |  |  |  |  |  |  |  |  |
|                 | YCR 74. Remedial action for this defect is addressed by WMATA's<br>approach to FTA-TPE-17-021-A.   |  |  |  |  |  |  |  |  |  |
|                 | To achieve compliance with WMATA's requirements:   |  |  |  |  |  |  |  |  |  |
|                 | • WMATA must elevate the third rail power cable from contacting the ground at YRC 71.  |  |  |  |  |  |  |  |  |  |
|                 | WMATA must install heat shrink on the stub-ups at YRC 71.  |  |  |  |  |  |  |  |  |  |
|                 | <ul> <li>WMATA must install watertight sealing collars on the orange boots at YRC 71.</li> </ul>   |  |  |  |  |  |  |  |  |  |
|                 | WMATA must install heat shrink on the stub-ups at YRC 70.  |  |  |  |  |  |  |  |  |  |
| Remedial Action | WMATA must elevate the third rail power cable from contacting the ground at YRC 70.  |  |  |  |  |  |  |  |  |  |
| Remedial Action | WMATA must install watertight sealing collars on the orange boots at YRC 70.   |  |  |  |  |  |  |  |  |  |
|                 | WMATA must install heat shrink on the stub-ups at YRC 38.  |  |  |  |  |  |  |  |  |  |
|                 | WMATA must install heat shrink on the stub-ups at YRC 36.  |  |  |  |  |  |  |  |  |  |
|                 | WMATA must install watertight sealing collars on the orange boots at YRC 36.   |  |  |  |  |  |  |  |  |  |
|                 | WMATA must install heat shrink on the stub-ups at YRC 32.  |  |  |  |  |  |  |  |  |  |
|                 | WMATA must cap the un-used conduit at YRC 87.  |  |  |  |  |  |  |  |  |  |



Federal Transit Administration

| Increation Date                               | YYYY  | MM           | DD           | Report Number             | 20181206-WMATA-WP-2  |          |         |              |  |  |  |
|---|---|--------------|--------------|---------------------------|----------------------|----------|---------|--------------|--|--|--|
| Inspection Date                               | 2018  | 12           | 06           | Report Number             | 20101200-WIWATA-WP-2 |          |         |              |  |  |  |
| Rail Agency Name                              | Washington<br>Authority                           | Metropolitan | Area Transit | Rail Agency<br>Department | TRST                 | Sub- Dep | artment | TKIN         |  |  |  |
|   |   | Name         |              | Email                     | Office Phone         | е        | N       | Nobile Phone |  |  |  |
| Rail Agency Department<br>Contact Information |   |              |              |                           |                      |          |         |              |  |  |  |
| Inspection Location                           | K-Line, Rosslyn (C05) to Clarendon (K02), track 1 |              |              |                           |                      |          |         |              |  |  |  |

### **Inspection Summary**

|                                       | r           |           | 1 | 1 |   | 1 |
|---------------------------------------|-------------|-----------|---|---|---|---|
| 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          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No        |   |   |   |   |
| Recommended Reinspection              | No          | Yes       |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1           | Inspec     | tion Subj | ject  | Job Safe  | ety Brie       | fing             |               |                        | Activity Co | ode   | TR          | K      | JSB              | OBS  |
|---|-------------|------------|-----------|-------|-----------|----------------|------------------|---------------|------------------------|-------------|-------|-------------|--------|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST        | 601        |           |       |           | Accor<br>Inspe | mpanied<br>ctor? | Yes           | Out Brief<br>Conducted | Yes         | Time  | 1000<br>140 |        | Outside<br>Shift | No   |
| Related Reports                             | N/A         | I/A Relate |           |       |           |                |                  | Findings      |                        |             |       |             |        |                  |      |
|   | Ref         |            |           |       | Rule or S | OP             |                  | Standard      |                        | Other / T   | ïtle  |             | Che    | cklist Refer     | ence |
| Related Rules, SOPs,<br>Standards, or Other | MSRP        | Ή          |           |       |           |                |                  |               |                        |             |       |             |        |                  |      |
| Standards, or Other                         |             |            |           |       |           |                |                  |               |                        |             |       |             |        |                  |      |
|   | Mai<br>Trac |            | Yard      | Stati | ion (     | DCC            | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grade    | e Tui | nnel        | Ele    | evated           | N/A  |
| Inspection Location                         |             |            |           | х     |           |                |                  |               | Track Type             |             |       | x           |        |                  |      |
| Line(c)                                     | C-Line      |            | Track     |       | N/A       |                | Chain Ma         | rker          |                        | From        |       |             |        | То               |      |
| Line(s)                                     | C-LINE      | =          | Numbe     | er    | IN/A      |                | and/or St        | ation(s)      | Rosslyn Statio         | on (C05)    |       | Rossl       | yn Sta | tion (C05)       |      |
|   | Неа         | d Car N    | umber     |       | Number o  | of Cars        |                  |               |                        |             |       |             |        |                  |      |
| Vehicles                                    |             | N/A        |           |       | N/A       | 1              | Equip            | ment          | N/A                    |             |       |             |        |                  |      |

| Inspector in Charge - Signature              |                              | Date   |
|--|------------------------------|--|
|  | WINSLOW L. POWELL            | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.18 14:09:18 -05'00' |
| Inspector in Charge - Name<br>Winslow Powell | Inspection Team<br>Lee Emard |  |
|  |                              |  |



|   |   |  |        | -              |            | -                  | he WMATA 60:                        |                             | Number     | of Defec  | ts        |        |                  | 0      |
|---|---|--|--------|----------------|------------|--------------------|-------------------------------------|-----------------------------|------------|-----------|-----------|--------|------------------|--------|
|   |   |  | •      |                |            |                    | otection (RWP)<br>at hospital and s |                             | Recomm     | ended Fi  | nding?    |        |                  | No     |
| Description                                 |   | The potentia   |        |                |            |                    | •                                   | Salety fulle of             | Remedia    | Action    | Require   | ed?    |                  | No     |
|   | The FWS   | O inspector  | did n  | ot note        | any defe   | cts.               |                                     |                             | Recomm     | ended R   | einspeo   | ction? |                  | No     |
| Remedial Action                             | N/A   |  |        |                |            |                    |                                     |                             |            |           |           |        |                  |        |
| Inspection Activity #                       | 2 In  | spection Sub   | iect   | Rem            | edial Acti | on Verific         | ation                               |                             | Activity C | ode       | TF        | R.     | WI               | PI     |
| Job Briefing                                |   |  |        |                |            |                    |                                     |                             |            |           |           |        |                  |        |
| Employee<br>Name/Title                      | TRST 601  | L  |        |                |            | ompaniec<br>ector? | Yes                                 | Out Brief<br>Conducted      | Yes        | Time      | 100<br>14 |        | Outside<br>Shift | No     |
| Related Reports                             | N/A   |  |        |                | Rela       | ted CAPS           | / Findings                          | Remedial Act<br>CAP: FTA-TP |            |           | -         |        | VC-15-0          | 01-A   |
|   | Ref   |  |        | Rule o         | or SOP     |                    | Standard                            |                             | Other / 1  | ītle      |           | Chec   | klist Refe       | erence |
| Related Rules, SOPs,<br>Standards, or Other | TRST 1000 rev. 6  |  |        |                |            |                    |                                     |                             |            |           |           |        |                  |        |
| •   |   |  |        |                |            |                    |                                     | 1                           |            |           |           |        |                  |        |
| Inspection Location                         | Main<br>Track   | Track Yard Station OCC Facility Office At-grade Tunnel Elevate |        |                |            |                    |                                     | vated                       | N/A        |           |           |        |                  |        |
|   | х   |  |        | X Track Type X |            |                    |                                     |                             |            |           |           |        |                  |        |
| Line(s)                                     | K-Line  | Track  |        | Trad           | ~k 1       | Chain I            | Marker                              |                             | From       |           | То        |        |                  |        |
| Linc(3)                                     |   | Numb   | er     |                |            | and/or             | Station(s)                          | Rosslyn Statio              | on (C05)   | tation (k | .02)      |        |                  |        |
| Vehicles                                    | Head C  | ar Number  |        | Numb           | er of Cars |                    | uipment                             | N/A                         |            |           |           |        |                  |        |
|   |   | N/A  |        |                | N/A        |                    | -                                   |                             |            |           |           |        |                  |        |
|   |   |  |        |                |            |                    | erification with vendon Station (   |                             | Number     | of Defec  | ts        |        |                  | 3      |
|   |   |  |        | -              |            |                    |                                     |                             |            | ended Fi  |           |        |                  | No     |
|   | remedia   | l actions were   | e veri | fied as        | complete   |                    |                                     |                             | Remedia    | I Action  | Require   | ed?    |                  | No     |
| Description                                 | <ul> <li>The following non-color-coded defects were noted:</li> <li>TRST 1000, 13.5.7: Third rail was missing coverboard at CM K2 220+50.<br/>Remedial action for this defect is addressed by WMATA's approach to<br/>FTA-TPE-17-021-A.</li> <li>TRST 1000, 3.2.2.4: Tunnel leak was observed at CM K1 206+00.<br/>Remedial action for this defect is addressed by WMATA's approach to<br/>TOC-SRT-15-002.</li> <li>TRST 1000, 10:18: Tunnel lighting between CM K1 214 to CM K1 214</li> </ul> |  |        |                |            |                    |                                     |                             |            |           |           | Yes    |                  |        |
| Remedial Action                             | •<br>•<br>N/A   |  |        |                | •          |                    | 8+00 to CM K1<br>at CM K1 0222      |                             |            |           |           |        |                  |        |



Federal Transit Administration

| Inspection Date                               | YYYY   | MM           | DD           | Report Number             | 20181207-WMATA-WP-1     |          |              |  |  |  |  |
|---|--|--------------|--------------|---------------------------|-------------------------|----------|--------------|--|--|--|--|
| Inspection Date                               | 2018   | 12           | 07           | Report Number             | 20101207-00101717-001-1 |          |              |  |  |  |  |
| Rail Agency Name                              | Washington<br>Authority  | Metropolitan | Area Transit | Rail Agency<br>Department | RTRA                    | Sub- Dep |              |  |  |  |  |
|   |  | Name         |              | Email                     | Office Phone            | e        | Mobile Phone |  |  |  |  |
| Rail Agency Department<br>Contact Information |  |              |              |                           |                         |          |              |  |  |  |  |
| Contact information                           |  |              |              |                           |                         |          |              |  |  |  |  |
|   |  |              |              |                           |                         |          |              |  |  |  |  |
| Inspection Location                           | Orange Line, Track 2, New Carrollton (D13) to Metro Center (C01) |              |              |                           |                         |          |              |  |  |  |  |

### **Inspection Summary**

| Inspection Activity #                 | 1           | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|---|---|---|---|---|
| Activity Code                         | RTRA-RC-OBS |   |   |   |   |   |
| Inspection Units                      | 1           |   |   |   |   |   |
| Inspection Subunits                   | 1           |   |   |   |   |   |
| Defects (Number)                      | 0           |   |   |   |   |   |
| Recommended Finding                   | No          |   |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          |   |   |   |   |   |
| Recommended Reinspection              | No          |   |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspect  | tion Subj | ject | Operat  | or Rules                  | Compliand       | e Observatio  | on                     | Activity Co | ode  | RTF          | RA    | RC               | OBS  |
|---|---------------|----------|-----------|------|---------|---------------------------|-----------------|---------------|------------------------|-------------|------|--------------|-------|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | N/A           |          |           |      |         | Accompanied<br>Inspector? |                 | No            | Out Brief<br>Conducted | Yes         | Time | 1145<br>1530 |       | Outside<br>Shift | No   |
| Related Reports                             | N/A           |          |           |      |         | Relat                     | ed CAPS /       | Findings      | N/A                    |             | ·    |              |       |                  |      |
|   | Ref           |          |           |      | Rule or | SOP                       |                 | Standard      |                        | Other / T   | ïtle |              | Che   | cklist Refere    | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWPN          | 1        |           |      | T-16-07 |                           |                 |               |                        |             |      |              |       |                  |      |
| Standards, or Other                         | MSRPI         | Н        |           |      |         |                           |                 |               |                        |             |      |              |       |                  |      |
|   | Main<br>Track | Y        | Yard      | Stat | ion     | CC                        | RTA<br>Facility | FTA<br>Office |                        | At-grade    | e Tu | nnel         | Ele   | evated           | N/A  |
| Inspection Location                         | x             |          |           |      |         |                           |                 |               | Track Type             |             |      | Х            |       |                  |      |
| 11  | C and         | D-       | Track     |      | Turk    |                           | Chain Ma        | rker          |                        | From        |      |              |       | То               |      |
| Line(s)                                     | Lines         |          | Numbe     | er   | Track   | L                         | and/or St       | ation(s)      | New Carrollto          | on (D13)    |      | Metro        | o Cen | ter (C01)        |      |
|   | Head          | d Car Nu | umber     |      | Number  | of Cars                   |                 |               |                        |             |      |              |       |                  |      |
| Vehicles                                    |               | N/A      |           |      | N//     | Ą                         | Equipment N/A   |               |                        |             |      |              |       |                  |      |

| Inspector in Charge - Signature |                 |        | Date   |
|---------------------------------|-----------------|--------|--|
|                                 | WINSLOW L.      | POWELL | Digitally signed by WINSLOW L. POWELL<br>Pate: 2018.12.26 08:18:11 -05'00' |
| Inspector in Charge – Name      | Inspection Team |        |  |
| Winslow Powell                  | Tamara Powell   |        |  |
|                                 |                 |        |  |



|                 | The FWSO inspector conducted an operator rules compliance observation of  | Number of Defects                | 0  |
|-----------------|---|----------------------------------|----|
|                 | three (3) trains on Track 1 from New Carrollton (D13) to Metro Center (C01).  | Recommended Finding?             | No |
|                 | The FWSO inspector observed train operators perform horn blasts when  | <b>Remedial Action Required?</b> | No |
| Description     | departing stations, comply with speed restrictions between stations and ensure train clearance was achieved when passing roadway crews. |                                  |    |
|                 | The FWSO inspector did not note any defects.  | Recommended Reinspection?        | No |
| Remedial Action | N/A   |                                  |    |



Federal Transit Administration

| Inspection Date                               |                         | MM  | DD           | Poport Number             | 20181208-WMATA-WP-1 |   |   |              |  |  |  |
|---|-------------------------|---|--------------|---------------------------|---------------------|---|---|--------------|--|--|--|
| Rail Agency Name                              | 2018                    | 12  | 08           | Report Number             |                     |   |   |              |  |  |  |
| Rail Agency Name                              | Washington<br>Authority | Metropolitan /  | Area Transit | Rail Agency<br>Department | Sub-Department      |   |   |              |  |  |  |
|   | ١                       | Name  |              | Email                     | Office Phone        | e | N | 1obile Phone |  |  |  |
| Rail Agency Department<br>Contact Information |                         |   |              |                           |                     |   |   |              |  |  |  |
| Inspection Location                           | L-Line, Track           | -Line, Tracks 1 and 2, Pentagon (C07) to L'Enfant Plaza (F03) |              |                           |                     |   |   |              |  |  |  |

### **Inspection Summary**

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

### **Activity Summaries**

| Inspection Activity #                       | 1            | Inspec  | tion Subj | ject  | Job Safe  | ty Brief                    | ing              |               |                        | Activity Co | ode         | TR         | K   | JSB              | OBS  |
|---|--------------|---------|-----------|-------|---|-----------------------------|------------------|---------------|------------------------|-------------|-------------|------------|-----|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST         | 6458    |           |       |   | Accon<br>Inspe              | npanied<br>ctor? | No            | Out Brief<br>Conducted | Yes         | Time        | 080<br>123 | -   | Outside<br>Shift | Yes  |
| Related Reports                             | N/A          |         |           |       |   | Related CAPS / Findings N/A |                  |               |                        |             |             |            |     |                  |      |
|   | Ref          |         | Rule or   |       |   |                             |                  | Standard      |                        | Other / T   | ītle        |            | Che | cklist Refer     | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWPN         | Л       |           |       |   |                             |                  |               |                        |             |             |            |     |                  |      |
| Standards, or other                         |              |         |           |       |   |                             |                  |               |                        |             |             |            |     |                  |      |
|   | Mair<br>Trac |         | Yard      | Stati | on C  | OCC                         | RTA<br>Facility  | FTA<br>Office |                        | At-grad     | e Tu        | nnel       | Ele | evated           | N/A  |
| Inspection Location                         | х            |         |           |       |   |                             |                  |               | Track Type             | х           |             |            |     |                  |      |
| Line(a)                                     | L-Line       |         | Track     |       | NI/A  |                             | Chain Ma         | rker          |                        | From        |             |            |     | То               |      |
| Line(s)                                     | L-Line       |         | Numbe     | er    | r N/A and/or Station(s) Haynes Point CM L1 105+00 Hay |                             |                  |               | Hayn                   | es Po       | int CM L1 1 | 05+00      |     |                  |      |
|   | Hea          | d Car N | umber     | 1     | Number c  | of Cars                     |                  |               |                        |             |             |            |     |                  |      |
| Vehicles                                    |              | N/A     |           |       | N/A   |                             | Equip            | ment          | N/A                    |             |             |            |     |                  |      |

| Inspector in Charge - Signature              |                                   | Date   |
|--|-----------------------------------|--|
|  | WINSLOW L. POWELL                 | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.18 14:14:17 -05'00' |
| Inspector in Charge – Name<br>Winslow Powell | Inspection Team<br>Alexander Nepa |  |



|                 | FWSO inspector received a job safety briefing from TRST 6458 at Hains Point, L1  | Number of Defects                | 0  |
|-----------------|--|----------------------------------|----|
|                 | 105+00 briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards | Recommended Finding?             | No |
| Description     | and hotspots, the safety rule of the day, the location of the nearest hospital, and  | <b>Remedial Action Required?</b> | No |
| Description     | a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.   | Recommended Reinspection?        | No |
|                 | The FWSO inspector did not note any defects.   |                                  |    |
| Remedial Action | N/A  |                                  |    |

| Inspection Activity #                       | 2                        | Insp   | ection Sub | ject             | Track I<br>Verifica | •        | on and Wo          | rk Zone Set-L | Jp                     | Activity Co | ode        | TR           | к          | WI               | OBS |
|---|--------------------------|--|------------|------------------|---------------------|----------|--------------------|---------------|------------------------|-------------|------------|--------------|------------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | TRST                     | 687  |            |                  |                     |          | ompanied<br>ector? | Yes           | Out Brief<br>Conducted | Yes         | Time       | 0800<br>1330 |            | Outside<br>Shift | Yes |
| Related Reports                             | N/A                      | N/A Related CAPS / Findings N/A  |            |                  |                     |          |                    |               |                        |             |            |              |            |                  | ·   |
|   | Ref Rule or SOP Standard |  |            |                  |                     |          |                    |               | Other / T              | ïtle        |            | Chec         | klist Refe | rence            |     |
| Related Rules, SOPs,<br>Standards, or Other | TRST                     | 1000   |            |                  |                     |          |                    |               |                        |             |            |              |            |                  |     |
| Standards, or Other                         | MSRF                     | Ч  |            |                  |                     |          |                    |               |                        |             |            |              |            |                  |     |
| Inspection Location                         | Mai<br>Trac              |  | Yard       | Stati            | on                  | 000      | RTA<br>Facility    | FTA<br>Office |                        | At-grad     | e Tui      | nnel         | Elev       | vated            | N/A |
|   | x                        |  |            | Track Type X X X |                     |          |                    |               |                        |             |            | х            |            |                  |     |
| Line(s)                                     | L-Lin                    | <u>م</u>   | Track      |                  | Tracks              | 1        | Chain Ma           | arker         |                        | From        |            |              |            |                  |     |
| Line(3)                                     | L-LIII                   | <b></b>  | Numb       | er               | and 2               |          | and/or S           | tation(s)     | Pentagon (CO           | 7)          |            | L'Enf        | ant Plaz   | za (F03)         |     |
| Vehicles                                    | Hea                      | d Car  | Number     | 1                | Number              | of Cars  | Fault              | oment         | N/A                    |             |            |              |            |                  |     |
| venicles                                    |                          | N/   | 'A         |                  | N/                  | 4        | Equi               | Jillent       | N/A                    |             |            |              |            |                  |     |
|   |                          |  | •          |                  |                     |          | •                  |               | ck inspection          | Number      | of Defect  | :s           |            |                  | 2   |
|   | betwo<br>two.            | een Pe   | entagon (C | 07) an           | d L'Enfa            | nt Plaza | (F03), F, L        | and E-Lines,  | tracks one and         | Recomm      | ended Fi   | nding?       |            |                  | No  |
|   |                          |  |            |                  |                     |          |                    |               |                        | Remedia     | l Action F | Require      | ed?        |                  | Yes |
| Description                                 | Othe                     | <ul> <li>The following non-color-coded defects were observed:         <ul> <li>MSRPH, 5.11 During the observation, nine roadway workers were observed in an active work zone without safety glasses. Compliance officer addressed the issue with the employees.</li> <li>MSRPH, 5.11 During the observation, two roadway workers were observed in an active work zone without hard hats. Compliance officer addressed the issue with the employees.</li> </ul> </li> <li>MSRPH, 5.11 During the observation, two roadway workers were observed in an active work zone without hard hats. Compliance officer addressed the issue with the employees.</li> <li>Mtherefore Notable Observation:             <ul> <li>During the observation, some Pandrol clips were over-driven. This was brought to the attention of the supervisor and the issue was corrected.</li> </ul> </li> </ul> |            |                  |                     |          |                    |               |                        |             |            |              | Yes        |                  |     |
| Remedial Action                             | N/A                      |  |            |                  |                     |          |                    |               |                        |             |            |              |            |                  |     |



Federal Transit Administration

| Inspection Date                               | YYYY  | MM           | DD           | Report Number             | 20101200 \//        |      |   |              |  |  |
|---|---|--------------|--------------|---------------------------|---------------------|------|---|--------------|--|--|
| inspection Date                               | 2018  | 12           | 09           | Report Number             | 20181209-WMATA-WP-1 |      |   |              |  |  |
| Rail Agency Name                              | Washington<br>Authority   | Metropolitan | Area Transit | Rail Agency<br>Department | TRST                | TKIN |   |              |  |  |
|   | I   | Name         |              | Email                     | Office Phone        | е    | N | Aobile Phone |  |  |
| Rail Agency Department<br>Contact Information |   | 1            |              |                           |                     |      |   |              |  |  |
|   |   |              |              |                           |                     |      |   |              |  |  |
| Inspection Location                           | A and B-Lines, Track 1, Gallery Place (B01) to Farragut North (A02) |              |              |                           |                     |      |   |              |  |  |
| Increation Summary                            |   |              |              |                           |                     |      |   |              |  |  |

### **Inspection Summary**

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

### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection S | ıbject | Job Saf   | ety Brief      | ing              |               |                        | Activity Co | ode  | TR         | K      | JSB              | OBS |
|---|---------------|--------------|--------|-----------|----------------|------------------|---------------|------------------------|-------------|------|------------|--------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | TRST 6        | 527          |        |           | Accor<br>Inspe | npanied<br>ctor? | No            | Out Brief<br>Conducted | Yes         | Time | 220<br>030 | -      | Outside<br>Shift | Yes |
| Related Reports                             | N/A           |              |        |           | Relate         | ed CAPS /        | Findings      | N/A                    |             |      |            |        |                  |     |
|   | Ref           |              |        | Rule or S | SOP            |                  | Standard      |                        | Other / T   | ïtle |            | Che    | ence             |     |
| Related Rules, SOPs,<br>Standards, or Other | RWPN          | 1            |        |           |                |                  |               |                        |             |      |            |        |                  |     |
| Standards, or other                         |               |              |        |           |                |                  |               |                        |             |      |            |        |                  |     |
|   | Mair<br>Tracl | Yard         | Stat   | tion (    | DCC            | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grad     | e Tu | nnel       | Ele    | evated           | N/A |
| Inspection Location                         | х             |              |        |           |                |                  |               | Track Type             |             |      | Х          |        |                  |     |
| Line(c)                                     | Dino          | Trac         | (      |           |                | Chain Ma         | rker          |                        | From        |      |            |        | То               |     |
| Line(s)                                     | B-Line        | Num          | ber    | N/A       |                | and/or St        | ation(s)      | Gallery Place          | (B01)       |      | Galle      | ry Pla | ce (B01)         |     |
|   | Head          | d Car Number |        | Number    | of Cars        |                  |               |                        |             |      |            |        |                  |     |
| Vehicles                                    |               | N/A          |        | N/A       | <b>\</b>       | Equip            | ment          | N/A                    |             |      |            |        |                  |     |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.18 14:17:42 -05'00' |
| Inspector in Charge – Name      | Inspection Team |  |
| Winslow Powell                  | Alexander Nepa  |  |
|                                 |                 |  |



|                 | FWSO inspector received a job safety briefing from TRST 627 at Gallery Place  | Number of Defects                | 0  |
|-----------------|---|----------------------------------|----|
|                 | (B01) on prime mover (PM-63) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, | Recommended Finding?             | No |
| Description     | known hazards and hotspots, the safety rule of the day, the location of the   | <b>Remedial Action Required?</b> | No |
| Description     | nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  | Recommended Reinspection?        | No |
|                 | The FWSO inspector did not note any defects.  |                                  |    |
| Remedial Action | N/A   |                                  |    |

| Inspection Activity #                       | 2     | Inspe                      | ection Subj | ect   |         | ck Insp<br>ificatio |                | n and Wor                   | k Zone Set-U                   | р                      | Activity Co | ode                          | TR           | К                  | WI                 | OBS |  |  |
|---|-------|----------------------------|-------------|-------|---------|---------------------|----------------|-----------------------------|--------------------------------|------------------------|-------------|------------------------------|--------------|--------------------|--------------------|-----|--|--|
| Job Briefing<br>Employee<br>Name/Title      | TRST  | 601                        |             |       |         |                     | Accor<br>Inspe | mpanied<br>ctor?            | Yes                            | Out Brief<br>Conducted | Yes         | Time                         | 2200<br>0300 |                    | Outside<br>Shift   | Yes |  |  |
| Related Reports                             | N/A   |                            |             |       |         |                     | Relat          | ed CAPS / I                 | indings                        | N/A                    |             |                              |              |                    |                    |     |  |  |
|   | Ref   |                            |             |       | Rule    | or SO               | )P             |                             | Standard                       |                        | Other / T   | ītle                         |              | Che                | hecklist Reference |     |  |  |
| Related Rules, SOPs,<br>Standards, or Other | TRST  | 1000                       |             |       |         |                     |                |                             |                                |                        |             |                              |              |                    |                    |     |  |  |
| Standards, or other                         | RWP   | M 51.5                     | 86 09/18    |       |         |                     |                |                             |                                |                        |             |                              |              |                    |                    |     |  |  |
| lucuration Location                         |       | Main<br>Track Yard Station |             |       |         |                     | cc             | RTA<br>Facility             | FTA<br>Office                  | Treads Tread           | At-grad     | At-grade Tunr                |              | Ele                | evated             | N/A |  |  |
| Inspection Location                         | x     |                            |             |       |         |                     |                |                             |                                | Track Type             |             |                              | х            |                    |                    |     |  |  |
| Line(a)                                     |       | B Line                     | Track       |       | Tro     | ick 1               |                | Chain Ma                    | rker                           |                        | From        |                              |              | rragut North (A02) |                    |     |  |  |
| Line(s)                                     | AQI   | s Line                     | Numbe       | r     | IId     | ICK 1               |                | and/or St                   | ation(s)                       | Gallery Place          | (B01)       |                              | Farra        | gut N              | ut North (A02)     |     |  |  |
| Vehicles                                    | Hea   | d Car M                    | Number      |       | Numb    | per of              | Cars           | - Faulta                    |                                | NI / A                 |             |                              |              |                    |                    |     |  |  |
| venicies                                    |       | N/A                        | Ą           |       |         | N/A                 |                | Equip                       | ment                           | N/A                    |             |                              |              |                    |                    |     |  |  |
|   |       |                            | •           |       |         |                     |                | •                           |                                | k inspection           | Number      | of Defect                    | ts           |                    |                    | 0   |  |  |
|   |       |                            | ,           | •     | '       |                     | 0              | · //                        | track one. Th<br>ite welding). |                        | Recomm      | ended Fi                     | nding?       |                    |                    | No  |  |  |
|   |       |                            |             |       |         |                     |                |                             |                                |                        | Remedia     | Action I                     | Require      | ed?                |                    | No  |  |  |
| Description                                 | The F | WSO i                      | nspector d  | id no | ot note | e any               | defec          | ts.                         |                                |                        |             |                              |              |                    |                    |     |  |  |
|   | Othe  | r Notal                    | ble Observ  | atior | ns:     |                     |                |                             |                                |                        | Recomm      | Recommended Reinspection? No |              |                    |                    |     |  |  |
|   |       |                            | 0           |       |         | '                   |                | . 007+00 we<br>d. See Figur | ork zone, the<br>e 1 below.    | e old type,            |             |                              |              |                    |                    |     |  |  |
| Remedial Action                             | N/A   |                            |             |       |         |                     |                |                             |                                |                        |             |                              |              |                    |                    |     |  |  |



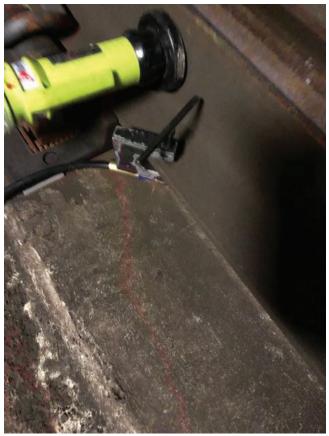


Figure 1: A1 007+00, old type non-locking shunt in use.



Federal Transit Administration

| Inspection Date                               | YYYY   | MM           | DD           | Report Number             | 20181211-WM  |           | /D 1    |              |  |
|---|--|--------------|--------------|---------------------------|--------------|-----------|---------|--------------|--|
| inspection Date                               | 2018   | 12           | 11           | Report Number             | 20101211-001 | VIATA-VV  | P-1     |              |  |
| Rail Agency Name                              | Washington<br>Authority                                    | Metropolitan | Area Transit | Rail Agency<br>Department | TRPM         | Sub- Depa | artment |              |  |
|   | 1  | lame         |              | Email                     | Office Phone | e         | N       | Iobile Phone |  |
| Rail Agency Department<br>Contact Information |  |              |              |                           |              |           |         |              |  |
| Inspection Location                           | B-Line, Union Station (B03) to Metro Center (A01), track 1 |              |              |                           |              |           |         |              |  |

### **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          | 2         |   |   |   |   |
| Recommended Finding                   | No         | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No         | Yes       |   |   |   |   |
| Recommended Reinspection              | No         | Yes       |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1           | Inspec     | tion Sub | ject  | Job Safe  | ety Brief      | fing             |               |                        | Activity Co | ode   | TF         | )      | JSB              | OBS |  |
|---|-------------|------------|----------|-------|-----------|----------------|------------------|---------------|------------------------|-------------|-------|------------|--------|------------------|-----|--|
| Job Briefing<br>Employee<br>Name/Title      | Powe        | er unit 11 | 133      |       |           | Accor<br>Inspe | npanied<br>ctor? | Yes           | Out Brief<br>Conducted | Yes         | Time  | 100<br>140 | -      | Outside<br>Shift | No  |  |
| Related Reports                             | N/A         |            |          |       |           | Relat          | ed CAPS /        | Findings      | N/A                    |             |       |            |        |                  |     |  |
|   | Ref         |            |          |       | Rule or S | OP             |                  | Standard      |                        | Other / T   | ïtle  |            | Che    | ence             |     |  |
| Related Rules, SOPs,<br>Standards, or Other | RWPI        | Μ          |          |       | R-17-02   |                |                  |               |                        |             |       |            |        |                  |     |  |
| Standards) of Other                         | MSRF        | РΗ         |          |       | R-17-03   |                |                  |               |                        |             |       |            |        |                  |     |  |
|   | Mai<br>Trac |            | Yard     | Stati | ion (     | DCC            | RTA<br>Facility  | FTA<br>Office | Tue els Ture e         | At-grade    | e Tui | nnel       | Ele    | evated           | N/A |  |
| Inspection Location                         | х           |            |          |       |           |                |                  |               | Track Type             |             |       | х          |        |                  |     |  |
| line(a)                                     | Dilin       |            | Track    |       | NI / A    |                | Chain Ma         | rker          |                        | From        |       |            |        | То               |     |  |
| Line(s)                                     | B-Lin       | е          | Numbe    | er    | N/A       |                | and/or St        | ation(s)      | Union Station          | (B03)       |       | Unior      | n Stat | ion (B03)        |     |  |
|   | Hea         | d Car N    | umber    |       | Number    | of Cars        |                  |               |                        |             |       |            |        |                  |     |  |
| Vehicles                                    |             | N/A        |          |       | N/A       | l l            | Equip            | ment          | N/A                    |             |       |            |        |                  |     |  |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | gitally signed by WINSLOW L. POWELL<br>te: 2018.12.18 14:20:14 -05'00' |
| Inspector in Charge – Name      | Inspection Team |  |
| Winslow Powell                  | Alexander Nepa  |  |
|                                 |                 |  |



|                 | FWSO inspector received a job safety briefing from Power unit 1133, roadway   | Number of Defects                | 0  |
|-----------------|---|----------------------------------|----|
|                 | worker in charge (RWIC), at Union Station platform prior to entering the roadway.<br>The briefing covered the type of on-track protection, the working limits, where to | Recommended Finding?             | No |
| Description     | clear, known hazards and hotspots, the safety rule of the day, the location of the  | <b>Remedial Action Required?</b> | No |
| Description     | nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  | Recommended Reinspection?        | No |
|                 | The FWSO inspector did not note any defects.  |                                  |    |
| Remedial Action | N/A   |                                  |    |

| Inspection Activity #                       | 2             | Insp   | ection Sub                    | ject            | Thir                    | d Rail a            | and Cal          | ole Inspe      | ction Observ   | ration                 | Activity Co | ode        | Т                | Р     | WI               | OBS   |  |  |
|---|---------------|--|-------------------------------|-----------------|-------------------------|---------------------|------------------|----------------|----------------|------------------------|-------------|------------|------------------|-------|------------------|-------|--|--|
| Job Briefing<br>Employee<br>Name/Title      | Power         | r unit   | 1133                          |                 |                         |                     | Accomp<br>nspect |                | Yes            | Out Brief<br>Conducted | Yes         | Time       | 100<br>140       |       | Outside<br>Shift | No    |  |  |
| Related Reports                             | N/A           |  |                               |                 |                         | R                   | elated           | CAPS /         | Findings       | N/A                    |             |            |                  |       |                  |       |  |  |
|   | Ref           |  |                               |                 | Rule                    | or SOP              |                  |                | Standard       |                        | Other / T   | ïtle       |                  | Che   | cklist Refe      | rence |  |  |
| Related Rules, SOPs,<br>Standards, or Other | DD-TP         | -SSI-(   | 013                           |                 |                         |                     |                  |                |                |                        |             |            |                  |       |                  |       |  |  |
| Standards, or Other                         | EMI 2         | 20172  | 2                             |                 |                         |                     |                  |                |                |                        |             |            |                  |       |                  |       |  |  |
|   | Mair<br>Tracl |  | Yard                          | Stat            | ion                     | occ                 | :                | RTA<br>acility | FTA<br>Office  |                        | At-grade    | e Tu       | nnel             | Ele   | evated           | N/A   |  |  |
| Inspection Location                         |               |  | х                             |                 |                         |                     |                  |                |                | Track Type             | х           |            |                  |       |                  |       |  |  |
|   |               |  | Track                         |                 |                         |                     | С                | hain Ma        | rker           |                        | From        | I          |                  |       | То               |       |  |  |
| Line(s)                                     | B-Line        | 2  | Numb                          | er              | Yai                     | rd Track            | ks a             | nd/or St       | ation(s)       | Union Statior          | n (B03)     |            | Metr             | o Cen | ter (A01)        |       |  |  |
|   | Head          | d Car  | Number                        |                 | Numt                    | per of C            | ars              |                |                |                        |             |            |                  |       |                  |       |  |  |
| Vehicles                                    |               | N/   | A                             |                 |                         | N/A                 |                  | Equip          | ment           | N/A                    |             |            |                  |       |                  |       |  |  |
|   |               |  |                               |                 |                         |                     |                  |                | erform a pov   |                        | Number      | of Defect  | s                |       |                  | 2     |  |  |
|   |               |  | between U<br>Iso observ       |                 |                         | • •                 |                  |                | nter (A01), tr | ack one.               | Recomm      | ended Fi   | nding?           |       |                  | No    |  |  |
|   | inspec        |  | 130 00301 0                   | su tim          | u ran                   |                     |                  | iunions.       |                |                        | Remedia     | l Action F | Require          | ed?   |                  | No    |  |  |
| Description                                 |               | •  | observed.<br><b>TRST 1000</b> | 2: At<br>, 13.3 | B1 05<br>. <b>13:</b> A | 2+00, b<br>.t B1 00 | oroken<br>07+00, | cable cla      |                | f strap) were<br>rt    | Recomm      | ended Re   | einspection? Yes |       |                  |       |  |  |
| Remedial Action                             |               | bracket/anchor arm was observed.         nieve compliance with WMATA's requirements:         WMATA must repair the broken kindorf strap at B1 052+00.         WMATA must repair the broken third rail support bracket/anchor arm at B1 007+00. |                               |                 |                         |                     |                  |                |                |                        |             |            |                  |       |                  |       |  |  |



Federal Transit Administration

| Inspection Date                               | YYYY                    | MM             | DD                  | Report Number  | 20181211-WN  |           | r  |              |  |
|---|-------------------------|----------------|---------------------|--|--------------|-----------|----|--------------|--|
| inspection Date                               | 2018                    | 12             | 11                  | Report Number  | 20101211-001 | VIATA-VVP | -2 |              |  |
| Rail Agency Name                              | Washington<br>Authority | Metropolita    | n Area Transit      | Rail Agency<br>Department     CMNT     Sub- Department |              |           |    |              |  |
|   | 1                       | Name           |                     | Email  | Office Phone | e         | N  | lobile Phone |  |
| Rail Agency Department<br>Contact Information |                         |                |                     |  |              |           |    |              |  |
| Inspection Location                           | Greenbelt Se            | ervice and Ins | spection Facility ( | E99)   |              |           |    |              |  |
| nspection Summary                             |                         |                |                     |  |              |           |    |              |  |
| Inspection Activity #                         | 1                       |                | 2                   | 3  | 4            | 5         |    | 6            |  |
|   |                         |                |                     |  |              |           |    |              |  |

# Inspection Activity #IIIIIIActivity CodeVMI-SI-OBSIIIIIInspection Units1IIIIIInspection Subunits1IIIIIDefects (Number)0IIIIIRecommended FindingNoIIIIIRecommended ReinspectionNoIIIII

### **Activity Summaries**

| Inspection Activity #                       | 1                  | Inspection Su           | bject | Shop (  | Observat | ions              |                          |                        | Activity Co | ode  | VN         | Л   | SI               | OBS |
|---|--------------------|-------------------------|-------|---------|----------|-------------------|--------------------------|------------------------|-------------|------|------------|-----|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | Chris (<br>Assista | Green<br>ant Superinten | dent  |         |          | mpanied<br>ector? | Yes                      | Out Brief<br>Conducted | Yes         | Time | 070<br>090 |     | Outside<br>Shift | No  |
| Related Reports                             | N/A                |                         |       |         | Relat    | ted CAPS / I      | Findings                 | N/A                    |             |      |            |     |                  |     |
|   | Ref                |                         |       | Rule or | SOP      |                   | Standard                 |                        | Other / T   | ïtle |            | Che | rence            |     |
| Related Rules, SOPs,<br>Standards, or Other |                    |                         |       | SOP #2  | 9        |                   | Task 90 70<br>Inspection | 00 Series Door         |             |      |            |     |                  |     |
|   |                    |                         |       |         |          |                   |                          |                        |             |      |            |     |                  |     |
|   | Main<br>Track      | Yard                    | Stati | ion     | OCC      | RTA<br>Facility   | FTA<br>Office            | <b>T</b>               | At-grade    | e Tu | nnel       | Ele | evated           | N/A |
| Inspection Location                         |                    |                         |       |         |          | х                 |                          | Track Type             |             |      |            |     |                  | х   |
| line(a)                                     | NI / A             | Track                   |       | NI / A  |          | Chain Ma          | rker                     |                        | From        |      |            |     | То               |     |
| Line(s)                                     | N/A                | Numb                    | er    | N/A     |          | and/or St         | ation(s)                 | N/A                    |             |      | N/A        |     |                  |     |
|   | Head               | l Car Number            |       | Number  | of Cars  |                   |                          |                        |             |      |            |     |                  |     |
| Vehicles                                    |                    | 506-7507<br>464-7465    |       | 4       | Ļ        | Equip             | ment                     | N/A                    |             |      |            |     |                  |     |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | itally signed by WINSLOW L. POWELL<br>e: 2018.12.18 14:23:26 -05'00' |
| Inspector in Charge – Name      | Inspection Team |  |
| Winslow Powell                  | Bill Hultsch    |  |
|                                 |                 |  |



|                 | FWSO inspector observed WMATA car maintenance activities and shop safety   | Number of Defects                | 0  |
|-----------------|--|----------------------------------|----|
|                 | practices at the Greenbelt Service and Inspection Facility (E99). The following activities were observed:  | Recommended Finding?             | No |
|                 | 1. Observed the conduct of 7506-7507 A2 and 7464-7465 C1 periodic  | <b>Remedial Action Required?</b> | No |
| Description     | <ul> <li>inspections.</li> <li>2. Observed performance of Task 90 door inspection.</li> <li>3. Spot-checked proper voltmeter calibration sticker.</li> <li>4. Observed compliance with SOP #29 Blue Flag Protection on rail cars where maintenance on the outside of the rail car was being performed.</li> <li>5. Observed employee shop safety practices. All employees were wearing appropriate safety personal protective equipment (PPE).</li> <li>6. Shop safety equipment observed included: <ul> <li>a. Reviewed in-floor car lift control panel. The procedure for use of the lift was attached to the panel.</li> <li>b. Reviewed mobile platform used for roof top maintenance. The procedure for use of the platform.</li> <li>c. Shop housekeeping, shop was clean and devoid of unnecessary tripping hazards.</li> </ul> </li> <li>The FWSO inspector did not note any defects.</li> </ul> | Recommended Reinspection?        | No |
| Remedial Action | N/A  | ·                                | •  |



FOIA Exemption: All (b)(6)

### Agency/Department Information

| Inspection Date        | YYYY  | MM           | DD           | Report Number             | 20181211-WMATA-WP-3 |          |         |              |  |  |
|------------------------|---|--------------|--------------|---------------------------|---------------------|----------|---------|--------------|--|--|
| inspection Date        | 2018  | 12           | 11           | Report Number             |                     |          |         |              |  |  |
| Rail Agency Name       | Washington<br>Authority                                 | Metropolitan | Area Transit | Rail Agency<br>Department | TRST                | Sub- Dep | artment | TKIN         |  |  |
|                        |   | Name         |              | Email                     | Office Phone        | e        | Ν       | Nobile Phone |  |  |
| Rail Agency Department |   |              |              |                           |                     |          |         |              |  |  |
| Contact Information    |   |              |              |                           |                     |          |         |              |  |  |
| Inspection Location    | L-Line, Pentagon (C07) to L'Enfant Plaza (F03), track 2 |              |              |                           |                     |          |         |              |  |  |
| Inspection Summary     |   |              |              |                           |                     |          |         |              |  |  |

### 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          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No        |   |   |   |   |
| Recommended Reinspection              | No          | Yes       |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1               | Inspection Sub | ject | Job Safe        | ety Brief        | ing             |                        |              | Activity Co | ode         | TR     | К                | JSB          | OBS |
|---|-----------------|----------------|------|-----------------|------------------|-----------------|------------------------|--------------|-------------|-------------|--------|------------------|--------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | TRST 687        |                |      | Accon<br>Inspec | npanied<br>ctor? | Yes             | Out Brief<br>Conducted | Yes          | Time        | 1000<br>140 |        | Outside<br>Shift | No           |     |
| Related Reports                             | N/A             |                |      |                 | Relate           | ed CAPS / I     | indings                | N/A          |             |             |        |                  |              |     |
|   | Ref Rule or SOP |                |      | OP              |                  | Standard        |                        | Other / 1    | ītle        |             | Che    | cklist Refer     | ence         |     |
| Related Rules, SOPs,<br>Standards, or Other | MSRP            | РН             |      |                 |                  |                 |                        |              |             |             |        |                  |              |     |
| Standards, or Other                         |                 |                |      |                 |                  |                 |                        |              |             |             |        |                  |              |     |
|   | Maiı<br>Trac    | Yard           | Stat | ion C           | occ              | RTA<br>Facility | FTA<br>Office          |              | At-grad     | e Tu        | Tunnel |                  | evated       | N/A |
| Inspection Location                         |                 |                | х    |                 |                  |                 |                        | Track Type   | Х           |             | Х      |                  |              |     |
| Line(c)                                     | Cline           | Track          |      |                 |                  | Chain Ma        | rker                   |              | From        |             |        | То               |              |     |
| Line(s)                                     | C-Line          | Numb           | er   | N/A and         |                  | and/or St       | ation(s)               | Pentagon Sta | tion (C07)  |             | Penta  | agon S           | Station (C07 | )   |
|   | Hea             | d Car Number   |      | Number o        | of Cars          |                 |                        |              |             |             |        |                  |              |     |
| Vehicles                                    |                 | N/A            |      | N/A             |                  | Equip           | ment                   | N/A          |             |             |        |                  |              |     |

| Inspector in Charge - Signature |                 |                   | Date   |
|---------------------------------|-----------------|-------------------|--|
|                                 |                 | WINSLOW L. POWELL | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 10:15:56 -05'00' |
| Inspector in Charge - Name      | Inspection Team |                   |  |
| Winslow Powell                  | Lee Emard       |                   |  |
|                                 |                 |                   |  |



|                 | FWSO inspector received a job safety briefing from the WMATA 687. All personal  | Number of Defects                | 0  |
|-----------------|---|----------------------------------|----|
|                 | protective equipment (PPE) and roadway worker protection (RWP) IDs were<br>checked. WMATA ATC personnel covered the nearest hospital and safety rule of | Recommended Finding?             | No |
| Description     | the day. The potential safety hazards were discussed.   | <b>Remedial Action Required?</b> | No |
|                 | The FWSO inspector did not note any defects.  | Recommended Reinspection?        | No |
| Remedial Action | N/A   |                                  |    |
|                 |   |                                  |    |

| Inspection Activity #                       | 2                     | Inspec  | tion Subj  | ect    | Track   | Inspecti  | on                     |               |               | Activity Co | ode                             | TR               | K   | WI           | PI   |
|---|-----------------------|---------|------------|--------|---|---|------------------------|---------------|---------------|-------------|---------------------------------|------------------|-----|--------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST 687              |         |            |        | ompanied<br>ector?                                    | Yes   | Out Brief<br>Conducted | Yes           | Time          | 1000<br>140 |                                 | Outside<br>Shift | No  |              |      |
| Related Reports                             | Safety Directive 17-1 |         |            |        | Rela  | ted CAPS /  | Findings               | FTA-TPE-17-0  | 021-A         |             |                                 |                  |     |              |      |
|   | Ref                   |         |            |        | Rule o  | or SOP  |                        | Standard      |               | Other / T   | ïtle                            |                  | Che | cklist Refer | ence |
| Related Rules, SOPs,<br>Standards, or Other | TRST 2                | L000 re | ev. 6      |        |   |   |                        |               |               |             |                                 |                  |     |              |      |
|   |                       |         |            |        |   |   |                        |               |               |             |                                 |                  |     |              |      |
| Inspection Location                         | Mair<br>Trac          | -       | Yard       | Stat   | ion   | осс   | RTA<br>Facility        | FTA<br>Office | Trock Turo    | At-grade    | At-grade Tunnel                 |                  | Ele | evated       | N/A  |
| inspection Location                         | х                     |         |            | >      | (   | Track Type  |                        |               | x             |             |                                 |                  |     |              |      |
| Line(s)                                     | L-Line                |         | Track      |        | Trac  | 4.2   | Chain Ma               | irker         |               | From        |                                 |                  |     | То           |      |
| Lille(s)                                    | L-LINE                |         | Numbe      | er     | IIac  | .κ Ζ  | and/or S               | tation(s)     | Pentagon Sta  | tion (C07)  | tion (C07) L'Enfant Plaza (F03) |                  |     |              |      |
| Vehicles                                    | Head                  | d Car N | umber      |        | Numbe   | er of Cars  |                        | oment         | N/A           |             |                                 |                  |     |              |      |
| venicies                                    |                       | N/A     |            |        | Ν   | I/A   | Equip                  | ment          | N/A           |             |                                 |                  |     |              |      |
|   |                       |         | • •        |        |   |   |                        | WMATA Co      | mpliance Crew | Number      | of Defect                       | s                |     |              | 1    |
|   | from I                | Pentago | on Statior | n (C07 | 7) to L'E   | enfant Pla  | iza (F03).             |               |               | Recomm      | ended Fi                        | nding?           |     |              | No   |
| Description                                 | The fo                | llowin  | g non-col  | or-co  | -coded defect was noted: Remedial Action Required? No |   |                        |               |               |             | No                              |                  |     |              |      |
|   |                       | Re      |            | ction  | for this  | ': Third rail was missing coverboard at CM L2 71+20.         or this defect is addressed by WMATA's approach to         Recommended Reinspection?         Yes |                        |               |               |             |                                 | Yes              |     |              |      |
| Remedial Action                             | N/A                   | A       |            |        |   |   |                        |               |               |             |                                 |                  |     |              |      |

Federal Transit Administration

| Inspection Date        | YYYY   | MM           | DD           | Report Number             | 20181211-WMATA-WP-4     |          |          |              |  |  |
|------------------------|--|--------------|--------------|---------------------------|-------------------------|----------|----------|--------------|--|--|
| inspection Date        | 2018   | 12           | 11           | Report Number             |                         |          |          |              |  |  |
| Rail Agency Name       | Washington<br>Authority                                      | Metropolitan | Area Transit | Rail Agency<br>Department | RTRA                    | Sub- Dep | partment |              |  |  |
|                        |  | Name         |              | Email                     | I Office Phone Mobile P |          |          | Nobile Phone |  |  |
| Rail Agency Department |  |              |              |                           |                         |          |          |              |  |  |
| Contact Information    |  |              |              |                           |                         |          |          |              |  |  |
|                        |  |              |              |                           |                         |          |          |              |  |  |
| Inspection Location    | Red Line, Track 1, Union Station (B03) to Metro Center (A01) |              |              |                           |                         |          |          |              |  |  |

### **Inspection Summary**

| Inspection Activity #                 | 1           | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|---|---|---|---|---|
| Activity Code                         | RTRA-RC-OBS |   |   |   |   |   |
| Inspection Units                      | 1           |   |   |   |   |   |
| Inspection Subunits                   | 1           |   |   |   |   |   |
| Defects (Number)                      | 0           |   |   |   |   |   |
| Recommended Finding                   | No          |   |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          |   |   |   |   |   |
| Recommended Reinspection              | No          |   |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection Sub | oject | Rules C                   | ompliand | ce Observa      | ition                  |               | Activity Co | ode        | RTF  | RA               | RC        | OBS |
|---|---------------|----------------|-------|---------------------------|----------|-----------------|------------------------|---------------|-------------|------------|------|------------------|-----------|-----|
| Job Briefing<br>Employee<br>Name/Title      | N/A           |                |       | Accompanied<br>Inspector? |          | No              | Out Brief<br>Conducted | Yes           | Time        | 093<br>17: | -    | Outside<br>Shift | No        |     |
| Related Reports                             | N/A           |                |       |                           | Relate   | d CAPS / F      | indings                | N/A           |             |            |      |                  |           |     |
|   | Ref Rule or S |                |       | OP                        |          | Standard        |                        | Other / T     | ïtle        |            | Che  | cklist Refer     | ence      |     |
| Related Rules, SOPs,<br>Standards, or Other | RWPM T-16-07  |                |       |                           |          |                 |                        |               |             |            |      |                  |           |     |
|   | MSRPH         |                |       |                           |          |                 |                        |               |             |            |      |                  |           |     |
|   | Main<br>Track | Yard           | Stat  | tion C                    | DCC      | RTA<br>Facility | FTA<br>Office          |               | At-grade    | e Tu       | nnel | Ele              | evated    | N/A |
| Inspection Location                         | х             |                |       |                           |          |                 |                        | Track Type    |             | х          |      |                  |           |     |
| Line(c)                                     | A and         | B- Track       |       | Trock 1                   |          | Chain Mai       | ·ker                   |               | From        |            |      |                  | То        |     |
| Line(s)                                     | Lines         | Numb           | er    | Track 1 and               |          | and/or Sta      | ation(s)               | Union Station | i (B03)     |            | Metr | o Cen            | ter (A01) |     |
| Mahlaha                                     | Head          | l Car Number   |       | Number o                  | of Cars  |                 |                        |               |             |            |      |                  |           |     |
| Vehicles                                    |               | N/A            |       | N/A                       |          | Equip           | nent                   | N/A           |             |            |      |                  |           |     |

| Inspector in Charge - Signature |                 | Date  |
|---------------------------------|-----------------|---|
|                                 |                 | gitally signed by WINSLOW L. POWELL<br>ate: 2018.12.26 08:42:52 -05'00' |
| Inspector in Charge – Name      | Inspection Team |   |
| Winslow Powell                  | Tamara Powell   |   |
|                                 |                 |   |



|                 | The FWSO inspector conducted an operator rules compliance observation of eight   | Number of Defects         | 0  |
|-----------------|--|---------------------------|----|
|                 | (8) trains on Track 1 from Union Station (B03) to Metro Center (A01).  | Recommended Finding?      | No |
|                 | FWSO inspector observed the Advanced Mobile Flagger (AMF) issue operating  | Remedial Action Required? | No |
| Description     | <ul> <li>conditions and instructions to the train operators at Gallery Place (B01), Judiciary Square (B02), and Union Station (B03) stations.</li> <li>The FWSO inspector observed train operators perform horn blasts when departing stations, comply with speed restrictions between stations and ensure train clearance was achieved when passing roadway crews.</li> <li>The FWSO inspector did not note any defects.</li> </ul> | Recommended Reinspection? | No |
| Remedial Action | N/A  |                           | *  |



Federal Transit Administration

| Increation Date                               | YYYY  | MM | DD | Report Number             | 20181212-WMATA-WP-1 |                    |              |      |  |
|---|---|----|----|---------------------------|---------------------|--------------------|--------------|------|--|
| Inspection Date                               | 2018  | 12 | 12 | Report Number             |                     |                    |              |      |  |
| Rail Agency Name                              | Washington Metropolitan Area Transit<br>Authority                   |    |    | Rail Agency<br>Department | TRST                | Sub- Department TI |              | ΤΚΙΝ |  |
|   | Name  |    |    | Email                     | Office Phone        |                    | Mobile Phone |      |  |
| Rail Agency Department<br>Contact Information |   | I  |    |                           |                     |                    |              |      |  |
|   |   |    |    |                           |                     |                    |              |      |  |
| Inspection Location                           | J and C-Lines, Track 2, Van Dorn St (J02) to King St-Old Town (C13) |    |    |                           |                     |                    |              |      |  |
| Inspection Summary                            | -   |    |    |                           |                     |                    |              |      |  |

### Inspection Summary

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

### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection Su | bject | Job Safety Briefing |                             |                 |                              |                        | Activity Co | tivity Code TF |            | K                   | JSB              | OBS  |
|---|---------------|---------------|-------|---------------------|-----------------------------|-----------------|------------------------------|------------------------|-------------|----------------|------------|---------------------|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST 6287     |               |       |                     | Accompanied<br>Inspector?   |                 | Yes                          | Out Brief<br>Conducted | Yes         | Time           | 070<br>140 | -                   | Outside<br>Shift | No   |
| Related Reports                             | N/A           |               |       |                     | Related CAPS / Findings N/A |                 |                              |                        |             |                |            |                     |                  |      |
|   | Ref           |               |       | Rule or SOP         |                             |                 | Standard                     |                        | Other / T   | ner / Title    |            | Checklist Reference |                  | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWPM          |               |       |                     |                             |                 |                              |                        |             |                |            |                     |                  |      |
| Standards, or Other                         |               |               |       |                     |                             |                 |                              |                        |             |                |            |                     |                  |      |
| Inspection Location                         | Main<br>Track | Yard          | Stat  | ion C               | DCC                         | RTA<br>Facility | FTA<br>Office                |                        | At-grad     | e Tu           | nnel       | Ele                 | evated           | N/A  |
|   | х             |               |       |                     |                             |                 |                              | Track Type             | x           |                |            |                     |                  |      |
| Line(c)                                     | J-Line        | Track         |       |                     |                             | Chain Marker    |                              | From                   |             |                | То         |                     |                  |      |
| Line(s)                                     | 1-rine        | Num           | ber   | IN/A                | N/A a                       |                 | and/or Station(s) Van Dorn S |                        | (J02) Van E |                |            | Dorn St (J02)       |                  |      |
| Male ale a                                  | Head          | d Car Number  |       | Number o            | of Cars                     |                 |                              |                        |             |                |            |                     |                  |      |
| Vehicles                                    |               | N/A           |       | N/A                 |                             | Equip           | ment                         | N/A                    |             |                |            |                     |                  |      |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.18 14:26:34 -05'00' |
| Inspector in Charge – Name      | Inspection Team |  |
| Winslow Powell                  | Alexander Nepa  |  |



|                 | FWSO inspector received a job safety briefing from TRST 6287 at Van Dorn St   | Number of Defects         | 0  |
|-----------------|---|---------------------------|----|
|                 | station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and | Recommended Finding?      | No |
| Description     | hotspots, the safety rule of the day, the location of the nearest hospital, and a   | Remedial Action Required? | No |
| Description     | check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  | Recommended Reinspection? | No |
|                 | The FWSO inspector did not note any defects.  |                           |    |
| Remedial Action | N/A   |                           |    |

| Inspection Activity #                       | 2           | Inspe   | ection Sub   | ject   | Track  | Inspecti  | on Obs   | servat  | ion   |  | Activity Co                   | ode           | Tf      | RK               | WI          | OBS   |
|---|-------------|---|--|--|--|---|--|---|---|--|-------------------------------|---------------|---------|------------------|-------------|-------|
| Job Briefing<br>Employee<br>Name/Title      | TRST        | 6287  |  |  |  |   | Yes  |   | Out Brief<br>Conducted  | Yes  | Time                          | 0700<br>1400  | -       | Outside<br>Shift | No          |       |
| Related Reports                             | N/A         |   |  |  |  | Rela  | ted CA   | APS / I   | Findings  | N/A  |                               |               |         |                  |             |       |
|   | Ref         |   |  |  | Rule o   | r SOP   |  |   | Standard  |  | Other / T                     | Other / Title |         |                  | cklist Refe | rence |
| Related Rules, SOPs,<br>Standards, or Other | TRST        | 1000  |  |  |  |   |  |   |   |  |                               |               |         |                  |             |       |
| Standards, or Other                         | RWPN        | И 51.5  | 86 09/18   |  |  |   |  |   |   |  |                               |               |         |                  |             |       |
| Inspection Location                         | Mai<br>Trac |   | Yard   | Stat   | ion  | OCC   | RT<br>Faci   | TA<br>:ility  | FTA<br>Office   | Track Type   | At-grad                       | e Ti          | unnel   | Ele              | evated      | N/A   |
|   | x           |   |  |  |  |   |  |   |   | паск туре  | x                             |               | х       |                  | x           |       |
| Line(s)                                     | 1 % C       | Linos   | Track  |  | Trac   | <i>,</i>  | Chai   | in Ma   | rker  |  | From                          |               |         |                  |             |       |
| Line(s)                                     | Jac         | Lines   | Numbe  | er   | Trac   | ζ Ζ   | and  | /or St  | ation(s)  | Van Dorn St (  | t (J02) King St-Old Town (C13 |               |         |                  | 3)          |       |
| Vehicles                                    | Hea         | d Car I<br>N/A  | Number   |  |  | r of Cars<br>/A   |  | Equip   | ment  | N/A  |                               |               |         |                  |             |       |
|   |             | ) inspe   | ector perfo  |  | a track  | ·   | on bet   | tween   | Van Dorn St   | : (JO2) to King  | Number                        | of Defe       | cts     |                  |             | 2     |
|   | St-Old      | llowr   | n (C13), tra   | ick tw   | 0.   |   |  |   |   |  | Recomm                        | ended F       | inding? | i.               |             | No    |
|   | The fo      | ollowii   | ng non-co  | lor-co   | ded de   | fects we  | re obs   | erved   | :   |  | Remedia                       | l Action      | Requir  | ed?              |             | Yes   |
| Description                                 | Other       | a<br>1<br>a<br>• notal<br>• [<br>(<br>s<br>(<br>)<br>+<br>6<br>• [<br>6 | and electri<br><b>FRST 1000</b> ,<br>a broken co<br><b>ble observ</b><br>During the<br>(low) rail, a<br>seven cons<br>horizontal<br>exact meas<br>During the | cal jui<br>, <b>10.1</b><br>over.<br>ation<br>obsel<br>a gap<br>secuti<br>and v<br>surem<br>obsel<br>acked | nction b<br>4: At J2<br>s:<br>rvation,<br>measur<br>ve faste<br>ertical c<br>ients. Si<br>rvation, | ox did n<br>639+40,<br>betwee<br>ng 5/8-i<br>ners. Th<br>leflectio<br>ee Figure<br>on the a | ot have<br>an ET:<br>n J2 61<br>nch wa<br>is conc<br>n, a ste<br>2 and<br>aerial s | 16+25<br>as obs<br>dition<br>ep gau<br>d 3 bel<br>structu | ers. See Figu<br>trical junctio<br>and 616+30<br>erved that w<br>allowed dyn<br>ige was usec<br>ow. | n box J38 had<br>, on the left<br>vas affecting<br>amic<br>I to acquire<br>J2 668+00 and | Recomm                        | ended F       | Reinspe | ction?           |             | Yes   |
| Remedial Action                             |             | hieve d<br>• \  | compliance<br>WMATA m<br>WMATA m   | e with<br>ust re   | epair ET   | 5 Box J4(   | ) at J2  | 640+5   |   |  |                               |               |         |                  |             |       |



Photos:



Figure 1: J2 640+50 broken covers on ETS phone and electrical junction box.



Figure 2: Between J2 616+25 and 616+36, a 5/8-inch gap between the base of the rail and the fastener plate. Step gauge used to obtain measurement.





Figure 3: Between J2 616+25 and 616+36, a 5/8-inch gap between the base of the rail and the fastener plate. Step gauge used to obtain measurement.



Figure 4: Between J2 668+00 and 658+00 on the aerial structure, failing fasteners were observed.



Federal Transit Administration

| Increation Data                               | YYYY  | MM             | DD              | Poport Number             | 20181212-WMATA-WP-2     |              |  |              |  |  |
|---|---|----------------|-----------------|---------------------------|-------------------------|--------------|--|--------------|--|--|
| Inspection Date                               | 2018  | 12             | 12              | Report Number             | 20101212-00101A1A-00P-2 |              |  |              |  |  |
| Rail Agency Name                              | Washington Metropolitan Area Transit<br>Authority |                |                 | Rail Agency<br>Department | ATC                     | Sub- Depa    |  |              |  |  |
|   |   | Name           |                 | Email                     | Office Phone            |              |  | 1obile Phone |  |  |
| Rail Agency Department<br>Contact Information |   |                |                 |                           |                         |              |  |              |  |  |
| Inspection Location                           | D-Line, Capit                                     | al South (D05) | Train Control F | Room (TCR) 303 to Easte   | ern Market (D06) TCR 2  | 204, track 2 |  |              |  |  |

## **Inspection Summary**

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

#### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspec      | ction Sub | ject   | Job Safe | ety Brief                 | fing            |                        |               | Activity Co | ode         | AT           | C                | JSB         | OBS |
|---|---------------|-------------|-----------|--------|----------|---------------------------|-----------------|------------------------|---------------|-------------|-------------|--------------|------------------|-------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | ATC 2         | ATC 2367    |           |        |          | Accompanied<br>Inspector? |                 | Out Brief<br>Conducted | Yes           | Time        | 1000<br>140 |              | Outside<br>Shift | No          |     |
| Related Reports                             | N/A           | N/A Related |           |        |          | ted CAPS / Findings N/A   |                 |                        |               |             |             |              |                  |             |     |
|   | Ref Rule or S |             |           | OP     |          | Standard                  |                 | Other / T              | ïtle          |             | Che         | cklist Refer | ence             |             |     |
| Related Rules, SOPs,<br>Standards, or Other | MSRP          | Н           |           |        |          |                           |                 |                        |               |             |             |              |                  |             |     |
| Standards, or other                         |               |             |           |        |          |                           |                 |                        |               |             |             |              |                  |             |     |
| In our other to option                      | Mair<br>Trac  |             | Yard      | Statio | on C     | осс                       | RTA<br>Facility | FTA<br>Office          | Treads Tores  | At-grade    | e Tur       | nnel         | Ele              | evated      | N/A |
| Inspection Location                         |               |             |           |        |          |                           | х               |                        | Track Type    |             |             | x            |                  |             |     |
| Ling(a)                                     | Dline         |             | Track     |        | N/A      |                           | Chain Ma        | rker                   |               | From        |             | То           |                  |             |     |
| Line(s)                                     | D-Line        | 2           | Numbe     | er     | N/A      | and/or St                 |                 | ation(s)               | Capital South | (D05) TCR   |             | Capit        | al Sou           | uth (D05) T | CR  |
|   | Head          | d Car N     | lumber    | Ν      | lumber o | of Cars                   |                 |                        |               |             |             |              |                  |             |     |
| Vehicles                                    |               | N/A         |           |        | N/A      |                           | Equip           | quipment N/A           |               |             |             |              |                  |             |     |

| Inspector in Charge - Signature |                 |                 | Date   |
|---------------------------------|-----------------|-----------------|--|
|                                 |                 | WINSLOW L. POWE | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 10:30:27 -05'00' |
| Inspector in Charge - Name      | Inspection Team |                 |  |
| Winslow Powell                  | Lee Emard       |                 |  |
|                                 |                 |                 |  |



|                 | FWSO inspector received a job safety briefing from the WMATA ATC 2367 at   | Number of Defects                | 0  |
|-----------------|--|----------------------------------|----|
|                 | Capital South (D05) TCR. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the | Recommended Finding?             | No |
| Description     | nearest hospital and safety rule of the day. The potential safety hazards were   | <b>Remedial Action Required?</b> | No |
|                 | discussed.   | Recommended Reinspection?        | No |
|                 | The FWSO inspector did not note any defects.   |                                  |    |
| Remedial Action | N/A  |                                  |    |

| Inspection Activity #                       | 2  | nspectio  | on Subj  | ect    | ATC Ob          | servati      | on                    |               |   | Activity Co | ode        | AT          | С          | RM               | PI  |
|---|--|---|--|--------|-----------------|--------------|-----------------------|---------------|---|-------------|------------|-------------|------------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | ATC #2   | 367   |  |        |                 |              | ompanied<br>ector?    | Yes           | Out Brief<br>Conducted                      | Yes         | Time       | 1000<br>140 |            | Outside<br>Shift | No  |
| Related Reports                             | N/A  |   |  |        |                 | Rela         | ted CAPS /            | Findings      | N/A   |             |            |             |            |                  |     |
|   | Ref  |   |  | R      | ule or S        | SOP Standard |                       |               | Other / Title Check                         |             |            |             | klist Refe | rence            |     |
|   |  | C 3000, 3003 -<br>erlocking Inspection                    |  |        |                 |              |                       |               |   |             |            |             |            |                  |     |
| Related Rules, SOPs,<br>Standards, or Other | ATC 1000-10012 TRACK<br>CIRCUIT SHUNT<br>VERIFICATION TEST |   | UNT  |        |                 |              |                       |               |   |             |            |             |            |                  |     |
|   | TRACK  | 00-1012<br>CIRCUIT<br>ER OUTP                             |  | Т      |                 |              |                       |               |   |             |            |             |            |                  |     |
| Inspection Location                         | Main<br>Track  | Ya  | ard  | Statio | n (             | CC           | RTA<br>Facility       | FTA<br>Office | Track Type                                  | At-grad     | e Tu       | nnel        | Ele        | vated            | N/A |
| inspection Location                         | х  |   |  |        |                 |              | х                     |               | паск туре                                   |             |            | х           |            |                  |     |
|   |  | From  |  |        |                 |              |                       |               | То  |             |            |             |            |                  |     |
| Line(s)                                     | D-Line   |   | Track<br>Numbe   | r      | Tracks<br>and 2 | 1            | Chain Ma<br>and/or St |               | Capital South<br>CM D2 107+0<br>D1/D2 CM 14 | 00          | 0 CM D2 14 |             |            |                  | TCR |
|   | Head   | Car Num   | nber   | N      | umber o         | of Cars      |                       |               |   |             |            |             |            |                  |     |
| Vehicles                                    |  | N/A   |  |        | N/A             | 4            | Equip                 | ment          | N/A   |             |            |             |            |                  |     |
|   |  |   |  |        |                 |              |                       |               | k circuit shunt                             | Number      | of Defect  | s           |            |                  | 0   |
|   |  |   |  |        | 0               |              |                       | with the ATC  |   | Recomm      | ended Fi   | nding?      |            |                  | No  |
|   |  |   |  |        |                 |              |                       |               |   | Remedia     | Action I   | Require     | d?         |                  | No  |
| Description                                 | The FW<br>interloc<br>CM 141                               | and CM<br>SO inspe-<br>king insp<br>king insp<br>+07 to C | O inspector also observed WMATA ATC personnel perform an |        |                 |              |                       |               |   |             | No         |             |            |                  |     |
|   | The FW   | SO insp   | ector d  | id not | note an         | ny defe      | cts.                  |               |   |             |            |             |            |                  |     |
| Remedial Action                             | N/A  |   |  |        |                 |              |                       |               |   |             |            |             |            |                  |     |



Federal Transit Administration

| Inspection Date        | YYYY  | MM | DD | Report Number             | 20101212 \//        |                 |   |              |  |
|------------------------|---|----|----|---------------------------|---------------------|-----------------|---|--------------|--|
| inspection Date        | 2018  | 12 | 13 | Report Number             | 20181213-WMATA-WP-1 |                 |   |              |  |
| Rail Agency Name       | Washington Metropolitan Area Transit<br>Authority                 |    |    | Rail Agency<br>Department | TRST                | Sub- Department |   | TKIN         |  |
| Name                   |   |    |    | Email                     | Office Phone        | e               | N | Nobile Phone |  |
| Rail Agency Department |   |    |    |                           |                     |                 |   |              |  |
| Contact Information    |   |    |    |                           |                     |                 |   |              |  |
|                        |   |    |    |                           |                     |                 |   |              |  |
| Inspection Location    | J-Line, Franconia-Springfield (J03) to Van Dorn St (J03), track 2 |    |    |                           |                     |                 |   |              |  |
|                        |   |    |    |                           |                     |                 |   |              |  |

#### 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           | 10        |   |   |   |   |
| Recommended Finding                   | No          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No        |   |   |   |   |
| Recommended Reinspection              | No          | Yes       |   |   |   |   |

#### **Activity Summaries**

| Inspection Activity #                       | 1              | Inspection Su | bject | Job Saf | ety Brie                  | fing                      |               |                        | Activity Co   | ode  | TR          | K                          | JSB              | OBS |
|---|----------------|---------------|-------|---------|---------------------------|---------------------------|---------------|------------------------|---------------|------|-------------|----------------------------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | TRST           | TRST 6287     |       |         | Accompanied<br>Inspector? |                           | Yes           | Out Brief<br>Conducted | Yes           | Time | 1000<br>140 |                            | Outside<br>Shift | No  |
| Related Reports                             | N/A            | N/A Relate    |       |         |                           | lated CAPS / Findings N/A |               |                        |               |      |             |                            |                  |     |
|   | Ref Rule or SO |               |       | OP      |                           | Standard                  |               | Other / T              | ïtle          |      | Che         | cklist Refer               | ence             |     |
| Related Rules, SOPs,<br>Standards, or Other | MSRP           | Н             |       |         |                           |                           |               |                        |               |      |             |                            |                  |     |
| Standards, or other                         |                |               |       |         |                           |                           |               |                        |               |      |             |                            |                  |     |
|   | Maiı<br>Trac   | Yard          | Stat  | ion (   | DCC                       | RTA<br>Facility           | FTA<br>Office | <b>T</b>               | At-grade      | e Tu | nnel        | Ele                        | evated           | N/A |
| Inspection Location                         |                |               | х     | (       |                           |                           |               | Track Type             | x             |      |             |                            |                  |     |
| Ling(a)                                     | Lling          | Track         | ÷     | NI/A    |                           | Chain Ma                  | rker          |                        | From          |      | То          |                            |                  |     |
| Line(s)                                     | J-Line         | Numb          | ber   | N/A     | and/or St                 |                           | ation(s)      | Franconia-Spi          | ringfield (JO | 3)   | Franc       | ranconia-Springfield (J03) |                  |     |
| Maltala                                     | Hea            | d Car Number  |       | Number  | of Cars                   |                           | Equipment N/A |                        |               |      |             |                            |                  |     |
| Vehicles                                    |                | N/A           |       | N/A     | <b>\</b>                  | Equip                     |               |                        |               |      |             |                            |                  |     |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 10:34:25 -05'00' |
| Inspector in Charge - Name      | Inspection Team |  |
| Winslow Powell                  | Lee Emard       |  |
|                                 |                 |  |



|   | FWSO ir        | spector recei   | ved a jo  | ob safety  | y briefir   | ng from the   | WMATA 628   | 37. All  | Number        | of Defect   | s       |                  |            | 0    |  |
|---|----------------|---|---|--|---|---|---|--|---------------|-------------|---------|------------------|------------|------|--|
|   | •              | l protective e<br>ecked. WMAT   |   | • •  |   |   | •   | · /  | Recomm        | ended Fi    | nding?  |                  |            | No   |  |
| Description                                 |                | he day. The p   |   | •  |   |   | •   | i and safety   | Remedia       | l Action F  | Require | d?               |            | No   |  |
|   |                |   |   |  |   |   |   |  | Recomm        | ended Re    | einspec | tion?            |            | No   |  |
| Remedial Action                             | The FW:<br>N/A | SO inspector  | did not   | note an  | ny defe   | cts.  |   |  |               |             |         |                  |            |      |  |
| Inspection Activity #                       | 2 Ir           | nspection Sub   | ject  | Track Ir   | nspectio  | on Observat   | ion   |  | Activity Co   | de          | TR      | К                | WI         | PI   |  |
| Job Briefing<br>Employee<br>Name/Title      | TRST 601       |   |   |  | Accompanied<br>Inspector? Yes Out Brief<br>Conducted  |   |   | Yes  | Time          | 1000<br>140 |         | Outside<br>Shift | No         |      |  |
| Related Reports                             | Safety D       | irective 17-1   |   |  | Rela  | ted CAPS /  | Findings  | CAP: FTA-TP  | E-17-021-A    |             |         |                  |            |      |  |
|   | Ref            |   |   | Rule or S  | SOP   |   | Standard  |  | Other / T     | itle        |         | Check            | list Refer | ence |  |
| Related Rules, SOPs,<br>Standards, or Other | TRST 10        | 00 rev. 6   |   |  |   |   |   |  |               |             |         |                  |            |      |  |
| Inspection Location                         | Main<br>Track  | Yard  | Statio  | on (   | DCC   | RTA<br>Facility   | FTA<br>Office   | Track Type   | At-grade      | e Tui       | nnel    | Eleva            | ated       | N/A  |  |
|   | х              |   | х   |  |   |   |   | The Type   | x             |             |         | Х                | [          |      |  |
| Ling(c)                                     | 11:            | Track   |   | Treat  | 2   | Chain Ma  | rker  |  | From          |             |         |                  | То         |      |  |
| Line(s)                                     | J-Line         | Numb  | er  | Track 2  | <u> </u>  | and/or St   | ation(s)  | Franconia-Sp   | ringfield (JO | 3)          | Van D   | orn St (         | St (J02)   |      |  |
| Vehicles                                    | Head (         | Car Number<br>N/A   | N   | lumber o<br>N/A  |   | Equip   | ment  | N/A  |               |             |         |                  |            |      |  |
|   | The FWS        | SO inspector o  | bserve  | d a trac   | k inspe   | ction from I  | -<br>ranconia-Sp  | ringfield (J03)  | Number        | of Defect   | s       |                  |            | 10   |  |
|   |                | Dorn St (J02).  |   |  |   |   |   |  |               | ended Fi    |         |                  |            | No   |  |
|   |                | <ul> <li>The following non-color-coded defects were noted:</li> <li>TRST 1000, 13.5.7: Third rail was missing coverboard at CM J2 826+40.</li> </ul>  |   |  |   |   |   |  |               | l Action F  |         | d?               |            | No   |  |
| Description                                 | •              | Remedial a<br>FTA-TPE-1<br>TRST 1000<br>Remedial a<br>FTA-TPE-1<br>TRST 1000<br>Remedial a<br>FTA-TPE-1<br>TRST 1000<br>Remedial a<br>FTA-TPE-1<br>TRST 1000<br>Remedial a<br>FTA-TPE-1<br>TRST 1000<br>Remedial a<br>FTA-TPE-1<br>TRST 1000<br>Remedial a<br>FTA-TPE-1 | Action f<br>7-021-4<br>, 13.5.7<br>Action f<br>7-021-4 | or this d         7: Third i         for this d         A.         7: Third i         A.         A.         A. | lefect is<br>rail was<br>lefect is<br>rail was<br>lefect is<br>rail was<br>lefect is<br>rail was<br>lefect is<br>rail was<br>lefect is<br>rail was<br>lefect is<br>rail was | addressed<br>smissing co<br>addressed<br>smissing co<br>addressed | by WMATA'<br>verboard at (<br>by WMATA' | CM J2 826+40.<br>s approach to<br>CM J2 825+50.<br>s approach to<br>CM J2 793+50.<br>s approach to<br>CM J2 793+50.<br>s approach to<br>CM J2 791+00.<br>s approach to<br>CM J2 783+50.<br>s approach to<br>CM J2 730+90.<br>s approach to<br>CM J2 722+20.<br>s approach to<br>CM J2 705+30.<br>s approach to<br>CM J2 705+30.<br>s approach to | Recomm        | ended Re    | inspec  | tion?            |            | Yes  |  |



Federal Transit Administration

| Inspection Date                               | YYYY  | MM           | DD           | Report Number             | 20181215-WMATA-WP-1     |          |          |              |  |  |
|---|---|--------------|--------------|---------------------------|-------------------------|----------|----------|--------------|--|--|
| inspection Date                               | 2018  | 12           | 15           | Report Number             | 20101215-00101414-00P-1 |          |          |              |  |  |
| Rail Agency Name                              | Washington<br>Authority   | Metropolitan | Area Transit | Rail Agency<br>Department | TRST                    | Sub- Dep | partment | TKIN         |  |  |
|   | l   | Name         |              | Email                     | Office Phone            | e        | N        | 1obile Phone |  |  |
| Rail Agency Department<br>Contact Information |   | 1            |              |                           |                         |          |          |              |  |  |
|   |   |              |              |                           |                         |          |          |              |  |  |
| Inspection Location                           | A-Line, Track 1, Van Ness-UDC (A06) to Friendship Heights (A08) |              |              |                           |                         |          |          |              |  |  |
| Increation Summary                            |   |              |              |                           |                         |          |          |              |  |  |

#### **Inspection Summary**

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

#### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection Su   | bject | Job Saf | ety Brief      | ing              |               |                        | Activity Co | ode  | TR         | K                  | JSB              | OBS  |
|---|---------------|-----------------|-------|---------|----------------|------------------|---------------|------------------------|-------------|------|------------|--------------------|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST 6        | 379             |       |         | Accor<br>Inspe | npanied<br>ctor? | No            | Out Brief<br>Conducted | Yes         | Time | 080<br>123 | -                  | Outside<br>Shift | Yes  |
| Related Reports                             | N/A           |                 |       |         | Relate         | ed CAPS /        | Findings      | N/A                    |             |      |            |                    |                  |      |
|   | Ref           | Ref Rule or SOP |       |         |                |                  | Standard      |                        | Other / T   | ïtle |            | Che                | cklist Refer     | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWPN          | 1               |       |         |                |                  |               |                        |             |      |            |                    |                  |      |
| Standards, or other                         |               |                 |       |         |                |                  |               |                        |             |      |            |                    |                  |      |
|   | Main<br>Track | Yard            | Stat  | tion (  | DCC            | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grad     | e Tu | nnel       | Ele                | evated           | N/A  |
| Inspection Location                         | x             |                 |       |         |                |                  |               | Track Type             |             |      | Х          |                    |                  |      |
| Line(c)                                     | Alino         | Trac            | (     | NI/A    |                | Chain Ma         | rker          |                        | From        |      |            | То                 |                  |      |
| Line(s)                                     | A-Line        | Num             | ber   | N/A     |                | and/or St        | ation(s)      | Van Ness-UD            | C (A06)     |      | Van N      | Van Ness-UDC (A06) |                  |      |
|   | Head          | l Car Number    |       | Number  | of Cars        |                  |               |                        |             |      |            |                    |                  |      |
| Vehicles                                    |               | N/A             |       |         | <b>\</b>       | Equip            | ment          | N/A                    |             |      |            |                    |                  |      |

| Inspector in Charge - Signature |                 |                   | Date   |
|---------------------------------|-----------------|-------------------|--|
|                                 |                 | WINSLOW L. POWELL | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 10:27:04 -05'00' |
| Inspector in Charge – Name      | Inspection Team |                   |  |
| Winslow Powell                  | Alexander Nepa  |                   |  |
|                                 |                 |                   |  |



|                 | FWSO inspector received a job safety briefing from TRST 6379 at the Van Ness-   | Number of Defects                | 0  |
|-----------------|---|----------------------------------|----|
|                 | UDC (A06) briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards | Recommended Finding?             | No |
|                 | and hotspots, the safety rule of the day, the location of the nearest hospital, and   | <b>Remedial Action Required?</b> | No |
| Description     | a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.  |                                  |    |
|                 | The FWSO inspector did not note any defects.  | Recommended Reinspection?        | No |
| Remedial Action | N/A   |                                  |    |

| Inspection Activity #                  | 2   | Insp                          | ection Sub             | ect   |        | ck Ins<br>ificat |                           | on and Wor      | k Zone Set-L  | lp                     | Activity Co | ode      | TF           | ĸĸ         | WI               | OBS   |
|--|---|-------------------------------|------------------------|-------|--------|------------------|---------------------------|-----------------|---------------|------------------------|-------------|----------|--------------|------------|------------------|-------|
| Job Briefing<br>Employee<br>Name/Title | TRST  | 601                           |                        |       |        |                  | Accompanied<br>Inspector? |                 | Yes           | Out Brief<br>Conducted | Yes         | Time     | 0800<br>1330 |            | Outside<br>Shift | Yes   |
| Related Reports                        | N/A   | A Related CAPS / Findings N/A |                        |       |        |                  |                           |                 |               |                        |             |          |              |            |                  |       |
|  | Ref   | Ref Rule of                   |                        |       |        | or SC            | OP                        |                 | Standard      |                        | Other / T   | ïtle     |              | Che        | cklist Refe      | rence |
| Related Rules, SOPs,                   | TRST  | TRST 1000                     |                        |       |        |                  |                           |                 |               |                        |             |          |              |            |                  |       |
| Standards, or Other                    |   | '                             | ection 5<br>Protection |       |        |                  |                           |                 |               |                        |             |          |              |            |                  |       |
| Inspection Location                    | Mai<br>Trac   |                               | Yard                   | Sta   | tion   | 0                | сс                        | RTA<br>Facility | FTA<br>Office | Track Type             | At-grade    | e Tu     | nnel         | Ele        | evated           | N/A   |
| Inspection Location                    | x   |                               |                        |       |        |                  |                           |                 |               | ттаск туре             |             |          | х            |            |                  |       |
| Line(s)                                | A-Lin   | ne Track Track                |                        |       | ack 1  |                  | Chain Ma<br>and/or St     |                 | Van Ness-UD   | From                   |             | Frien    | dshin        | Heights (A | 08)              |       |
|  | Неа   | d Car                         | · Number               |       | Num    | per of           | f Cars                    | -               |               | Van Ness OD            | C (A00)     |          | Then         | usinp      | reights (/       |       |
| Vehicles                               |   | N/                            | /A                     |       |        | N/A              |                           | Equip           | ment          | N/A                    |             |          |              |            |                  |       |
|  |   |                               |                        |       |        |                  |                           |                 |               | k inspection           | Number      | of Defec | ts           |            |                  | 1     |
|  | betwe   | een V                         | an Ness-UD             | C (A  | 06) an | d Frie           | endshi                    | p Heights (     | F08).         |                        | Recomm      | ended Fi | nding?       |            |                  | No    |
|  | The f   | ollow                         | ving non-co            | or-co | oded d | lefect           | ts wer                    | e observed      | :             |                        | Remedia     | Action   | Require      | ed?        |                  | Yes   |
| Description                            | <ul> <li>MSRPH, 5.11: During the observation, five WMATA roadway workers were observed in an active work zone without hard hats. Compliance officer addressed the issue with the employees.</li> <li>Other notable observation:         <ul> <li>During the observation, some Pandrol clips were over-driven. This was brought to the attention of the supervisor and the issue was corrected.</li> </ul> </li> </ul> |                               |                        |       |        |                  |                           |                 |               | Yes                    |             |          |              |            |                  |       |
| Remedial Action                        | N/A   |                               |                        |       |        |                  |                           |                 |               |                        |             |          |              |            |                  |       |



Federal Transit Administration

| Increation Date                               | YYYY  | MM           | DD           | Papart Number             | 20181216-WMATA-WP-1 |           |         |              |  |  |
|---|---|--------------|--------------|---------------------------|---------------------|-----------|---------|--------------|--|--|
| Inspection Date                               | 2018  | 12           | 16           | Report Number             |                     |           |         |              |  |  |
| Rail Agency Name                              | Washington<br>Authority   | Metropolitan | Area Transit | Rail Agency<br>Department | TRST                | Sub- Depa | artment | ΤΚΙΝ         |  |  |
|   |   | Name         |              | Email                     | Office Phone        | e         | N       | 1obile Phone |  |  |
| Rail Agency Department<br>Contact Information |   | l            |              |                           |                     |           |         |              |  |  |
| Inspection Location                           | D-Line, Track 1, Minnesota Avenue (D09) to Stadium Armory (D08) |              |              |                           |                     |           |         |              |  |  |

#### **Inspection Summary**

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

#### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection    | Subjec | t Jo      | ob Safe        | ty Brief       | fing             |                   |                        | Activity Co | ode  | TR         | К                      | JSB              | OBS  |
|---|---------------|---------------|--------|-----------|----------------|----------------|------------------|-------------------|------------------------|-------------|------|------------|------------------------|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST 6        | TRST 677      |        |           |                | Accor<br>Inspe | npanied<br>ctor? | Yes               | Out Brief<br>Conducted | Yes         | Time | 080<br>130 | -                      | Outside<br>Shift | Yes  |
| Related Reports                             | N/A           | Related C     |        |           |                |                | ed CAPS /        | PS / Findings N/A |                        |             |      |            |                        |                  |      |
|   | Ref           | Ref Rule or S |        |           |                | OP             |                  | Standard          |                        | Other / T   | ïtle |            | Che                    | cklist Refer     | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWPN          | /             |        |           |                |                |                  |                   |                        |             |      |            |                        |                  |      |
| otandaras) or other                         | MSRP          | Н             |        |           |                |                |                  |                   |                        |             |      |            |                        |                  |      |
|   | Mair<br>Tracl | Yard          | l s    | Station C |                | CC             | RTA<br>Facility  | FTA<br>Office     | <b>T</b>               | At-grade    | e Tu | nnel       | Ele                    | evated           | N/A  |
| Inspection Location                         |               |               |        | х         |                |                |                  |                   | Track Type             | x           |      |            |                        |                  |      |
| Line(c)                                     | D-Line        | Tr            | ack    |           | NI / A         |                | Chain Ma         | rker              |                        | From        |      |            | То                     |                  |      |
| Line(s)                                     | D-LINE        | N             | umber  |           | N/A ar         |                | and/or St        | ation(s)          | Minnesota Av           | venue (D09) |      | Minn       | Minnesota Avenue (D09) |                  |      |
| Mahlaha                                     | Head          | d Car Numb    | er     | Nu        | lumber of Cars |                | -                |                   |                        |             |      |            |                        |                  |      |
| Vehicles                                    |               | N/A           |        |           |                |                | Equipment        |                   | N/A                    |             |      |            |                        |                  |      |

| Inspector in Charge - Signature |                 |                   | Date   |
|---------------------------------|-----------------|-------------------|--|
|                                 |                 | WINSLOW L. POWELL | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 10:43:44 -05'00' |
| Inspector in Charge – Name      | Inspection Team |                   |  |
| Winslow Powell                  | Alexander Nepa  |                   |  |
|                                 |                 |                   |  |



|                        | FWSO inspector received a job safety briefing from TRST 677 at Minnesota   | Number of Defects         | 0  |
|------------------------|--|---------------------------|----|
|                        | Avenue station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards | Recommended Finding?      | No |
| Description            | and hotspots, the safety rule of the day, the location of the nearest hospital, and  | Remedial Action Required? | No |
| Description            | a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.   | Recommended Reinspection? | No |
|                        | The FWSO inspector did not note any defects.   |                           |    |
| <b>Remedial Action</b> | N/A  |                           |    |

| Inspection Activity #                       | 2                          | Inspe   | ction Subj | ject | Track           | k Inspectio       | on   |              |                        | Activity Co | ode   | TR            | <         | WI               | OBS  |  |
|---|----------------------------|---|------------|------|-----------------|-------------------|--|--------------|------------------------|-------------|---|---------------|-----------|------------------|------|--|
| Job Briefing<br>Employee<br>Name/Title      | TRST                       | 677   |            |      |                 |                   | mpanied<br>ector?  | Yes          | Out Brief<br>Conducted | Yes         | Time  | 0800-<br>1300 |           | Outside<br>Shift | Yes  |  |
| Related Reports                             | Safety                     | Direct  | tive 16-1  |      |                 | Rela              | Related CAPS / Findings CAP: R-2-18-A,<br>Remedial Actio |              |                        | ,           | A, R-2-19-A<br>ion ID: 3189, 3124, 3122, 3188, 3187 |               |           |                  |      |  |
|   | Ref                        |   |            |      | Rule o          | or SOP            | OP Standard  |              |                        | Other / 1   | ītle  |               | Check     | list Refer       | ence |  |
| Related Rules, SOPs,<br>Standards, or Other | TRST :                     | 1000  |            |      |                 |                   |  |              |                        |             |   |               |           |                  |      |  |
|   | RWPN                       | / 2014  | ļ.         |      |                 |                   |  |              |                        |             |   |               |           |                  |      |  |
| Inspection Location                         | Main<br>Track Yard Station |   |            | OCC  | RTA<br>Facility | FTA<br>Office     | Track Type   | At-grad      | e Tu                   | nnel        | Elev  | ated          | N/A       |                  |      |  |
|   | x                          |   |            |      |                 | Пасктуре          |  | x            |                        | х           | 2   | ĸ             |           |                  |      |  |
| Line(s)                                     | D-Line Track Track 1       |   |            |      | ck 1            |                   | ain Marker   |              |                        |             |   |               |           |                  |      |  |
|   | Number                     |   |            |      | -               | and/or St         | ation(s)   | Minnesota A  | venue (D09)            |             | Stadiu  | ım Arm        | ory (D08) |                  |      |  |
| Vehicles                                    | Hea                        | d Car N<br>N/A  | Number     | 1    |                 | er of Cars<br>N/A | Equip  | ment         | N/A                    |             |   |               |           |                  |      |  |
|   | FWSO                       | inspe   | ctor perfo | rmed | a rem           | edial actic       | on verificatio   | on and track | inspection             | Number      | of Defect   | ts            |           |                  | 1    |  |
|   | betwe                      | between Minnesota Avenue (A09) and Stadium Armory (D08) on track one.   |            |      |                 |                   |  |              |                        | Recomm      | ended Fi  | nding?        |           |                  | No   |  |
|   | The fo                     | The following non-color-coded defect was noted:   |            |      |                 |                   |  |              |                        |             | Action I  | Required      | d?        |                  | Yes  |  |
| Description                                 | The fc                     | The following non-color-coded defect was noted:       Remedial Action Required?         • MSRPH 3.87: At 0946 at D1 256+00, two work groups were in the designated place of safety on the center catwalk. Train approaching on track one sounded its horn, approached the work group, and stopped. Train head-unit number 7516 approached the work group on the adjacent track, passing at what appeared to be track speed, not affording the work groups adjacent track protection. Remedial Action for this defect is addressed in WMATA's approach to R-2-18-A and R-2-19-A.       Recommended Reinspection?         The following remedial actions were verified as complete:       • The four non-holding fasteners at D1 256+10 have been repaired.       Recommended Reinspection?         • The defective fasteners on the left rail at D1 274+50 have been repaired.       • The three non-holding fasteners on the left rail at D1 297+50 have been repaired.         • The three non-holding fasteners on the left rail at D1 297+60 have been repaired.       • The three non-holding fasteners on the left rail at D1 297+60 have been repaired. |            |      |                 |                   |  |              |                        |             |   |               |           | Yes              |      |  |
|   |                            |   |            |      |                 |                   |  |              |                        |             |   |               |           |                  |      |  |
| Remedial Action                             | N/A                        |   |            |      |                 |                   |  |              |                        |             |   |               |           |                  |      |  |



**Inspection Form** 

FOIA Exemption: All (b)(6)

### Agency/Department Information

Federal Transit Administration

| Increation Data                               | YYYY  | MM           | DD           | Poport Number             | 20181218-WMATA-WP-1 |                 |              |  |  |  |
|---|---|--------------|--------------|---------------------------|---------------------|-----------------|--------------|--|--|--|
| Inspection Date                               | 2018  | 12           | 18           | Report Number             |                     |                 |              |  |  |  |
| Rail Agency Name                              | Washington<br>Authority                               | Metropolitan | Area Transit | Rail Agency<br>Department | TRST                | Sub- Department | : TKIN       |  |  |  |
|   | 1   | Name         |              | Email                     | Office Phone        | e               | Mobile Phone |  |  |  |
| Rail Agency Department<br>Contact Information |   |              |              |                           |                     |                 |              |  |  |  |
| Inspection Location                           | F-Line, Track 1, Southern Ave (F08) to Suitland (F10) |              |              |                           |                     |                 |              |  |  |  |

### **Inspection Summary**

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

#### **Activity Summaries**

| Inspection Activity #                       | 1             | Inspection Sul | ject | Job Safe | ty Brief                    | ing              |               |                        | Activity Co | ode  | TR                 | K   | JSB              | OBS  |
|---|---------------|----------------|------|----------|-----------------------------|------------------|---------------|------------------------|-------------|------|--------------------|-----|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST 6        | 5202           |      |          | Accor<br>Inspe              | npanied<br>ctor? | Yes           | Out Brief<br>Conducted | Yes         | Time | 070<br>150         | -   | Outside<br>Shift | No   |
| Related Reports                             | N/A           |                |      |          | Related CAPS / Findings N/A |                  |               |                        |             |      |                    |     |                  |      |
|   | Ref           | ef Rule or SC  |      |          |                             |                  | Standard      |                        | Other / T   | ītle |                    | Che | cklist Refer     | ence |
| Related Rules, SOPs,<br>Standards, or Other | RWPN          | 1              |      |          |                             |                  |               |                        |             |      |                    |     |                  |      |
| Standards, or other                         | MSRPH         | 4              |      |          |                             |                  |               |                        |             |      |                    |     |                  |      |
|   | Main<br>Track | Yard           | Stat | ion C    | OCC                         | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grad     | e Tu | nnel               | Ele | evated           | N/A  |
| Inspection Location                         |               |                | х    |          |                             |                  | Track Type    |                        | x           |      |                    |     |                  |      |
| Line(c)                                     | F-Line        | Track          |      |          |                             | Chain Ma         | rker          | From                   |             |      | То                 |     |                  |      |
| Line(s)                                     | r-Line        | Numb           | er   | N/A      |                             | and/or St        | ation(s)      | Southern Ave           | e (F08)     |      | Southern Ave (F08) |     |                  |      |
| Mahalaa                                     | Head          | l Car Number   |      | Number o | umber of Cars               |                  |               |                        |             |      |                    |     |                  |      |
| Vehicles                                    |               | N/A            |      | N/A      |                             | Equipment        |               | N/A                    |             |      |                    |     |                  |      |

| Inspector in Charge - Signature              |                                   |                   | Date   |
|--|-----------------------------------|-------------------|--|
|  |                                   | WINSLOW L. POWELL | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 10:56:15 -05'00' |
| Inspector in Charge – Name<br>Winslow Powell | Inspection Team<br>Alexander Nepa |                   |  |



|                        | FWSO inspectors received a job safety briefing from TRST 6202 at Southern  | Number of Defects         | 0  |
|------------------------|--|---------------------------|----|
|                        | Avenue station platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards | Recommended Finding?      | No |
| Description            | and hotspots, the safety rule of the day, the location of the nearest hospital, and  | Remedial Action Required? | No |
| Description            | a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.   | Recommended Reinspection? | No |
|                        | The FWSO inspector did not note any defects.   |                           |    |
| <b>Remedial Action</b> | N/A  |                           |    |

| Inspection Activity #                       | 2  | Inspe   | ection Sub                  | ject   | Track Ir          | spection   | on  |                            |                | Activity Co                 | ode          | TR      | K                | WI          | OBS   |
|---|--|---|-----------------------------|--------|-------------------|--|---|----------------------------|----------------|-----------------------------|--------------|---------|------------------|-------------|-------|
| Job Briefing<br>Employee<br>Name/Title      | TRST   | 6202  |                             |        |                   | Accompanied<br>Inspector? Yes Out Brief<br>Conducted |   |                            | Yes            | Time                        | 0700<br>1500 |         | Outside<br>Shift | No          |       |
| Related Reports                             | N/A  |   |                             |        |                   | Rela   | Related CAPS / Findings CAP: FTA-16-4<br>Remedial Actio |                            |                | 4-T-9<br>ion ID: 2608, 2957 |              |         |                  |             |       |
|   | Ref  |   |                             |        | Rule or S         | SOP  |   | Standard                   |                | Other / T                   | ïtle         |         | Che              | cklist Refe | rence |
| Related Rules, SOPs,<br>Standards, or Other | TRST   | 1000  |                             |        |                   |  |   |                            |                |                             |              |         |                  |             |       |
| oranical asy of oraller                     | RWPI   | RWPM 2014   |                             |        |                   |  |   |                            |                |                             |              |         |                  |             |       |
| Inspection Location                         | Main<br>Track Yard Station C   |   |                             | DCC    | RTA<br>Facility   | FTA<br>Office  | Track Type  | At-grad                    | e Tu           | nnel                        | Ele          | vated   | N/A              |             |       |
|   | x  |   |                             |        |                   |  |   |                            | паск туре      | x                           |              | Х       | x                |             |       |
| Line(s)                                     | F-Lir  |   | Track                       |        | Track 1           |  | Chain Ma  |                            |                | From                        | From         |         |                  |             |       |
| Line(3)                                     | 1-611  |   | Numb                        | er     | Hack              | L  | and/or St   | ation(s)                   | Southern Ave   | e (F08)                     |              | Suitla  | and (F1          | LO)         |       |
| Vehicles                                    | Hea  | id Car  | d Car Number Mumber of Cars |        |                   |  |   |                            |                |                             |              |         |                  |             |       |
| venicies                                    |  | N//   | A                           |        | N/A Equipment N/A |  |   |                            | NA             |                             |              |         |                  |             |       |
|   |  | FWSO inspector performed a remedial action verification and track inspection between Southern Avenue (F08) and Suitland (F10) on track one. |                             |        |                   |  |   |                            |                |                             | of Defect    | s       |                  |             | 3     |
|   | betwo  | een So  | outhern Av                  | enue ( | F08) and          | Suitlar  | nd (F10) on   | track one.                 |                | Recommended Finding?        |              |         |                  |             | No    |
|   | The F  | wso i   | inspector of                | observ | ed the fo         | ollowin  | g non-coloi   | -coded defe                | cts:           | Remedia                     | l Action F   | Require | ed?              |             | Yes   |
| Description                                 | <ul> <li>TRST 1000, 3.1.2.2: At F1 337+70 a blocked center drain has allowed water to back up onto the track bed. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li> <li>TRST 1000, 3.1.2.2: At F1 339+80 a blocked center drain has allowed water to back up onto the track bed. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li> </ul> |   |                             |        |                   |  |   |                            |                |                             | Yes          |         |                  |             |       |
|   |  |   | ,                           |        |                   |  |   | 00 has been<br>00 has been |                |                             |              |         |                  |             |       |
| Remedial Action                             |  | hieve   | complianc                   | e with | WMATA             | standa   | irds:   |                            | F1 343+00 to p | prevent wate                | er drainin   | g onto  | the tra          | ick bed.    |       |





Figure 1: At F1 343+00, water extruding from conduit stub-up draining onto the track bed.



Federal Transit Administration

| Inspection Date        | YYYY   | MM           | DD           | Report Number             | 20101210 \//        |          |   |              |  |  |
|------------------------|--|--------------|--------------|---------------------------|---------------------|----------|---|--------------|--|--|
| inspection Date        | 2018   | 12           | 18           | Report Number             | 20181218-WMATA-WP-2 |          |   |              |  |  |
| Rail Agency Name       | Washington<br>Authority                                      | Metropolitan | Area Transit | Rail Agency<br>Department | RTRA                | Sub- Dep |   |              |  |  |
|                        | I  | Name         |              | Email                     | Office Phone        | е        | N | 1obile Phone |  |  |
| Rail Agency Department |  |              |              |                           |                     |          |   |              |  |  |
| Contact Information    |  |              |              |                           |                     |          |   |              |  |  |
|                        |  |              |              |                           |                     |          |   |              |  |  |
| Inspection Location    | Blue Line, Tracks 1 and 2, Largo (G05) to Metro Center (C01) |              |              |                           |                     |          |   |              |  |  |

### **Inspection Summary**

| Inspection Activity #                 | 1           | 2 | 3 | 4 | 5 | 6 |
|---------------------------------------|-------------|---|---|---|---|---|
| Activity Code                         | RTRA-RC-OBS |   |   |   |   |   |
| Inspection Units                      | 1           |   |   |   |   |   |
| Inspection Subunits                   | 1           |   |   |   |   |   |
| Defects (Number)                      | 0           |   |   |   |   |   |
| Recommended Finding                   | No          |   |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          |   |   |   |   |   |
| Recommended Reinspection              | No          |   |   |   |   |   |

### **Activity Summaries**

| Inspection Activity #                       | 1            | Inspection | Subje | ct     | Operato   | r Rules                      | Compliand       | e Observatio  | on                     | Activity Co | ode           | RTF          | RA    | RC                  | OBS |
|---|--------------|------------|-------|--------|-----------|------------------------------|-----------------|---------------|------------------------|-------------|---------------|--------------|-------|---------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | N/A          |            |       |        |           | Accompanied No<br>Inspector? |                 |               | Out Brief<br>Conducted | Yes         | Time          | 0930<br>1500 |       | Outside<br>Shift    | No  |
| Related Reports                             | N/A          |            |       |        |           | Related CAPS / Findings N/A  |                 |               |                        |             |               |              |       |                     |     |
|   | Ref          |            |       |        | Rule or S | OP                           |                 | Standard      |                        | Other / T   | Other / Title |              |       | Checklist Reference |     |
| Related Rules, SOPs,<br>Standards, or Other | RWPN         | Л          |       |        | T-16-07   |                              |                 |               |                        |             |               |              |       |                     |     |
| standards, or other                         | MSRP         | Н          |       |        |           |                              |                 |               |                        |             |               |              |       |                     |     |
|   | Mair<br>Trac | Yard       | 1 9   | Statio | on O      | CC                           | RTA<br>Facility | FTA<br>Office | <b>T</b>               | At-grade    | e Tui         | nnel         | Ele   | evated              | N/A |
| Inspection Location                         | х            |            |       |        |           |                              |                 |               | Track Type             |             |               | х            |       |                     |     |
| Lino(a)                                     | G and        | IC Tr      | ack   |        | 107       |                              | Chain Ma        | rker          |                        | From        |               |              | То    |                     |     |
| Line(s)                                     | Lines        | N          | umber |        | 1&2       |                              | and/or St       | ation(s)      | Largo (G05)            |             |               | Metro        | o Cen | ter (C01)           |     |
|   | Head         | d Car Numb | er    | Ν      | lumber o  | f Cars                       |                 |               |                        |             |               |              |       |                     |     |
| Vehicles                                    |              | N/A        |       |        | N/A       |                              | Equipment       |               | N/A                    |             |               |              |       |                     |     |

| Inspector in Charge - Signature |                  | Date   |
|---------------------------------|------------------|--|
|                                 | WINSLOW L. POWEL | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 11:34:01 -05'00' |
| Inspector in Charge – Name      | Inspection Team  |  |
| Winslow Powell                  | Tamara Powell    |  |
|                                 |                  |  |



|                        | The FWSO inspector conducted an operator rules compliance observation of four  | Number of Defects         | 0  |
|------------------------|--|---------------------------|----|
|                        | trains on tracks 1 and 2 from Largo (G05) to Metro Center (C01).   | Recommended Finding?      | No |
|                        | The FWSO inspector observed train operators perform horn blasts when   | Remedial Action Required? | No |
| Description            | departing stations, comply with speed restrictions between stations, and ensure train clearance was achieved when passing roadway crews. |                           |    |
|                        | The FWSO inspector did not note any defects.   | Recommended Reinspection? | No |
| <b>Remedial Action</b> | N/A  |                           |    |



Federal Transit Administration

| Inspection Date                               | YYYY                    | MM   | DD           | Report Number             | 20101210 \//        | 1 A T A \A      | 2 0 2 |              |  |  |  |
|---|-------------------------|--|--------------|---------------------------|---------------------|-----------------|-------|--------------|--|--|--|
| Inspection Date                               | 2018                    | 12   | 18           | Report Number             | 20181218-WMATA-WP-3 |                 |       |              |  |  |  |
| Rail Agency Name                              | Washington<br>Authority | Metropolitan   | Area Transit | Rail Agency<br>Department | ATC                 | Sub- Department |       |              |  |  |  |
|   | I                       | Name   |              | Email                     | Office Phone        | ē               | N     | 1obile Phone |  |  |  |
| Rail Agency Department<br>Contact Information |                         |  |              |                           |                     |                 |       |              |  |  |  |
| Inspection Location                           | G-Line, Largo           | Line, Largo Town Center (G05) Train Control Room (TCR) track 2, CM G2 589+00 to CM G2 683+00 |              |                           |                     |                 |       |              |  |  |  |

## **Inspection Summary**

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

#### **Activity Summaries**

| Inspection Activity #                       | 1            | Inspec  | tion Subj | ect    | Job Safe     | ety Briefi      | ng              |               |                        | Activity Co   | ode   | AT          | C   | JSB              | OBS     |
|---|--------------|---------|-----------|--------|--------------|-----------------|-----------------|---------------|------------------------|---------------|-------|-------------|-----|------------------|---------|
| Job Briefing<br>Employee<br>Name/Title      | ATC 2        | 272     |           |        |              | Accon<br>Inspec | panied<br>tor?  | Yes           | Out Brief<br>Conducted | Yes           | Time  | 1000<br>140 |     | Outside<br>Shift | No      |
| Related Reports                             | N/A          |         |           |        |              | Relate          | d CAPS / I      | indings       | N/A                    |               |       |             |     |                  |         |
|   | Ref          |         |           |        | Rule or S    | OP              |                 | Standard      |                        | Other / Title |       |             | Che | cklist Refer     | ence    |
| Related Rules, SOPs,<br>Standards, or Other | MSRP         | Ή       |           |        |              |                 |                 |               |                        |               |       |             |     |                  |         |
| Standards, or Other                         |              |         |           |        |              |                 |                 |               |                        |               |       |             |     |                  |         |
|   | Maiı<br>Trac |         | Yard      | Statio | on C         | осс             | RTA<br>Facility | FTA<br>Office |                        | At-grade      | e Tur | nnel        | Ele | evated           | N/A     |
| Inspection Location                         |              |         |           |        |              |                 | х               |               | Track Type             | x             |       |             |     |                  |         |
| Ling(a)                                     | Cline        | _       | Track     |        |              |                 | Chain Ma        | rker          |                        | From          |       |             |     | То               |         |
| Line(s)                                     | G-Line       | 2       | Numbe     | er     | N/A and/or S |                 |                 | ation(s)      | Largo Town C           | enter (G05)   | TCR   | Largo       | Tow | n Center (G      | 05) TCR |
|   | Hea          | d Car N | umber     | N      | lumber a     | of Cars         |                 |               |                        |               |       |             |     |                  |         |
| Vehicles                                    |              | N/A     |           |        | N/A          |                 | Equipment N/A   |               |                        |               |       |             |     |                  |         |

| Inspector in Charge - Signature |                 | Date  |
|---------------------------------|-----------------|---|
|                                 |                 | ally signed by WINSLOW L. POWELL<br>: 2019.01.03 10:21:28 -05'00' |
| Inspector in Charge - Name      | Inspection Team | L   |
| Winslow Powell                  | Lee Emard       |   |
|                                 |                 |   |



|                 | FWSO inspector received a job safety briefing from the WMATA ATC 2272 at  | Number of Defects                | 0  |
|-----------------|---|----------------------------------|----|
|                 | Largo Town Center Station (G05) Train Control Room (TCR). All personal<br>protective equipment (PPE) and roadway worker protection (RWP) IDs were | Recommended Finding?             | No |
| Description     | checked. WMATA ATC personnel covered the nearest hospital and safety rule of  | <b>Remedial Action Required?</b> | No |
|                 | the day. The potential safety hazards were discussed.   |                                  | N  |
|                 | The FWSO inspector did not note any defects.  | Recommended Reinspection?        | No |
| Remedial Action | N/A   |                                  |    |

| Inspection Activity #                       | 2 li   | nspection S   | ubject    | ATC    | Observati         | ion                   |                              |  | Activity Co | ode             | AT          | C                                | RM               | PI                  |  |  |
|---|--|---|-----------|--------|-------------------|-----------------------|------------------------------|--|-------------|-----------------|-------------|----------------------------------|------------------|---------------------|--|--|
| Job Briefing<br>Employee<br>Name/Title      | ATC #2   | 272   |           |        |                   | ompanied<br>ector?    | Yes                          | Out Brief<br>Conducted                     | Yes         | Time            | 1000<br>140 |                                  | Outside<br>Shift | No                  |  |  |
| Related Reports                             | Safety D   | Directive 17-   | -1        |        | Rela              | ted CAPS /            | Findings                     | CAP: FTA-TP                                | E-17-021-A  |                 |             |                                  |                  |                     |  |  |
|   | Ref  |   |           | Rule o | or SOP            |                       | Standard                     |  | Other / 1   | Other / Title C |             |                                  |                  | Checklist Reference |  |  |
|   |  | 00-1012B-2<br>Frequency (/  |           |        |                   |                       |                              |  |             |                 |             |                                  |                  |                     |  |  |
| Related Rules, SOPs,<br>Standards, or Other | CIRCUIT  | ATC 1000-10012 TRACK<br>CIRCUIT SHUNT<br>VERIFICATION TEST<br>ATC 1000-1012D AF |           |        |                   |                       |                              |  |             |                 |             |                                  |                  |                     |  |  |
|   | TRACK C  |   |           |        |                   |                       |                              | _  |             |                 |             |                                  |                  |                     |  |  |
| Inspection Location                         | Main<br>Track  | Yard  | Stat      | tion   | OCC               | RTA<br>Facility       | FTA<br>Office                | Track Type                                 | At-grad     | e Tu            | nnel        | Eleva                            | ated             | N/A                 |  |  |
|   | х  |   |           |        |                   | х                     |                              | index type                                 | x           |                 | х           |                                  |                  |                     |  |  |
|   |  |   |           |        |                   |                       |                              |  | From        |                 |             | То                               |                  |                     |  |  |
| Line(s)                                     | G-Line   | -Line Track Tra<br>Number and   |           |        | cks 1<br>2        | Chain Ma<br>and/or St |                              | Largo Town o<br>CM G2 589+0<br>G1/G2 CM 62 | 00          | TCR             | CMG         | 0 Town C<br>62 683+0<br>62 CM 62 |                  | 05) TCR             |  |  |
| Vehicles                                    | Head   | Car Number<br>N/A   | r         |        | er of Cars<br>N/A |                       | ment                         | N/A  |             |                 | - , -       |                                  |                  |                     |  |  |
|   | The FW   | SO inspecto   | or observ | ved WN | ЛАТА АТС          | : personnel           | perform trac                 | k circuit shunt                            | Number      | of Defec        | ts          |                                  |                  | 1                   |  |  |
|   |  |   |           | 0      |                   |                       | with the ATC                 |  | Recomm      | ended Fi        | nding?      |                                  |                  | No                  |  |  |
|   |  |   |           |        |                   |                       | t respectively tion and unir |  | Remedia     | Action          | Require     | ed?                              |                  | No                  |  |  |
| Description                                 | tests were done for 15 track circuits located wayside between G2 589+00 and G2<br>683+00.<br>The FWSO inspector also observed WMATA ATC personnel perform a Power<br>Frequency (AC) test tracks 1 and 2 in the (G05) interlocking G2 618+00 to G2<br>623+00. |   |           |        |                   |                       |                              |  |             |                 |             | Yes                              |                  |                     |  |  |
| Remedial Action                             | N/A  |   |           |        |                   |                       |                              |  |             |                 |             |                                  |                  |                     |  |  |



Federal Transit Administration

| Inspection Date                               | YYYY                    | MM   | DD           | Report Number             | 20181219-WN          |   | /D 1 |              |  |  |  |
|---|-------------------------|--|--------------|---------------------------|----------------------|---|------|--------------|--|--|--|
| inspection Date                               | 2018                    | 12   | 19           | Report Number             |                      |   |      |              |  |  |  |
| Rail Agency Name                              | Washington<br>Authority | Metropolitan   | Area Transit | Rail Agency<br>Department | TRPM Sub- Department |   |      |              |  |  |  |
|   | 1                       | Name   |              | Email                     | Office Phone         | e | N    | lobile Phone |  |  |  |
| Rail Agency Department<br>Contact Information |                         |  |              |                           |                      |   |      |              |  |  |  |
| Inspection Location                           | E-Line, Track           | Line, Track 1, West Hyattsville (E07) to Fort Totten (E06) |              |                           |                      |   |      |              |  |  |  |

### **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         | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No         | Yes       |   |   |   |   |
| Recommended Reinspection              | No         | Yes       |   |   |   |   |

#### **Activity Summaries**

| Inspection Activity #                       | 1           | Inspec    | tion Subj | ject  | Job Safe     | ety Briefir                 | ng              |               |                        | Activity Co | de    | TF         | 0            | JSB              | OBS |
|---|-------------|-----------|-----------|-------|--------------|-----------------------------|-----------------|---------------|------------------------|-------------|-------|------------|--------------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | Powe        | er unit 1 | 126       |       |              | Accom<br>Inspect            | •               | Yes           | Out Brief<br>Conducted | Yes         | Time  | 100<br>140 | -            | Outside<br>Shift | No  |
| Related Reports                             | N/A         |           |           |       |              | Related CAPS / Findings N/A |                 |               | N/A                    |             |       |            |              |                  |     |
|   | Ref         |           |           |       | Rule or S    | SOP Standard                |                 |               | Other / Title          |             |       | Che        | cklist Refer | ence             |     |
| Related Rules, SOPs,<br>Standards, or Other | RWPI        | Μ         |           |       | R-17-02      |                             |                 |               |                        |             |       |            |              |                  |     |
| Standards, or other                         | MSRF        | РΗ        |           |       | R-17-03      |                             |                 |               |                        |             |       |            |              |                  |     |
|   | Mai<br>Trac |           | Yard      | Stati | on C         | OCC                         | RTA<br>Facility | FTA<br>Office | <b>T</b>               | At-grade    | e Tui | nnel       | Ele          | evated           | N/A |
| Inspection Location                         | х           |           |           |       |              |                             |                 |               | Track Type             | x           |       |            |              |                  |     |
| Line(c)                                     | E-Line      | 0         | Track     |       |              | (                           | hain Ma         | rker          |                        | From        |       |            | То           |                  |     |
| Line(s)                                     | C-LINE      | e         | Numbe     | er    | N/A and/or S |                             |                 | ation(s)      | West Hyattsv           | ille (E07)  |       | West       | Hyat         | tsville (E07)    |     |
|   | Hea         | ad Car N  | umber     | 1     | Number o     | of Cars                     |                 |               |                        |             |       |            |              |                  |     |
| Vehicles                                    |             | N/A       |           |       | N/A          |                             | Equip           | quipment N/A  |                        |             |       |            |              |                  |     |

| Inspector in Charge - Signature |                 |                   | Date   |
|---------------------------------|-----------------|-------------------|--|
|                                 |                 | WINSLOW L. POWELL | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.12.26 11:00:47 -05'00' |
| Inspector in Charge – Name      | Inspection Team |                   |  |
| Winslow Powell                  | Alexander Nepa  |                   |  |
|                                 |                 |                   |  |



Vehicles

Description

**Remedial Action** 

3

No

No

Yes

## United States Department of Transportation Federal Transit Administration

Head Car Number

N/A

•

•

•

•

observed.

Number of Cars

N/A FWSO inspector observed WMATA power employees perform a power cable

Inspector also observed third rail and track conditions.

The following non-color-coded defects were observed:

To achieve compliance with WMATA's requirements:

inspection between West Hyattsville (E07) and Fort Totten (E06), track one.

addressed in WMATA's approach to FTA-16-4-T-9.

addressed in WMATA's approach to FTA-16-4-T-9.

EMI 220172: At E1 347+50 standing water and mud was observed

under the third rail power cables. Remedial action for this defect is

EMI 220172: At E1 326+40 standing water and mud was observed

under the third rail power cables. Remedial action for this defect is

EMI 220172: At E1 513+20 a broken third rail orange boot was

WMATA must replace the broken power cable boot at E1 513+20.

|   |  | •  |       |           |          | 0               |                             | 6, the roadway            | Number           | of Defec                         | ts               |    |                     | 0   |  |
|---|--|--|-------|-----------|----------|-----------------|-----------------------------|---------------------------|------------------|----------------------------------|------------------|----|---------------------|-----|--|
|   |  | <b>.</b> .   |       |           |          | . ,             | on platform                 | prior to<br>stection, the | Recomm           | ended Fi                         | nding?           |    |                     | No  |  |
| Description                                 |  |  |       |           |          |                 | •                           | ety rule of the           | Remedia          | <b>Remedial Action Required?</b> |                  |    |                     | No  |  |
| Description                                 | equipme                                      | ocation of tl<br>nt (PPE) and<br><b>O inspector</b>              | roadw | ay worke  | er prote | ection (RWP     | otective                    | Recommended Reinspection? |                  |                                  |                  |    | No                  |     |  |
| Remedial Action                             | N/A  |  |       |           |          |                 |                             |                           |                  |                                  |                  |    |                     |     |  |
| Inspection Activity #                       | 2 In:  | 2 Inspection Subject Third Rail and Cable Inspection Observation |       |           |          |                 |                             |                           |                  |                                  | Activity Code TP |    |                     | OBS |  |
| Job Briefing<br>Employee<br>Name/Title      | Power ur                                     | Power unit 1126 Accompanied Inspector? Yes Out Brief Conducted   |       |           |          |                 |                             |                           | Yes              | Time                             | 100<br>140       | -  | Outside<br>Shift    | No  |  |
| Related Reports                             | Safety Di                                    | rective 17-1   |       |           | Rela     | ted CAPS / I    | Findings                    | FTA-TPE-17-0              | 021-A            |                                  |                  | ·  |                     |     |  |
|   | Ref  |  |       | Rule or S | OP       |                 | Standard                    |                           | Other / Title Cl |                                  |                  |    | Checklist Reference |     |  |
| Related Rules, SOPs,<br>Standards, or Other | DD-TP-SS                                     | I-013  |       |           |          |                 |                             |                           |                  |                                  |                  |    |                     |     |  |
| Standards, or Other                         | EMI 2201                                     | .72  |       |           |          |                 |                             |                           |                  |                                  |                  |    |                     |     |  |
|   | Main<br>Track                                | Yard   | Stati | on C      | DCC      | RTA<br>Facility | FTA<br>Office               | <b>T</b>                  | At-grade         | e Tu                             | Tunnel           |    | vated               | N/A |  |
| Inspection Location                         | х  |  |       |           |          |                 |                             | Track Type                | х                | x x x                            |                  |    |                     |     |  |
| Line(a)                                     | E Line                                       | Track  |       |           |          |                 |                             | From                      |                  |                                  |                  | То |                     |     |  |
| Line(s)                                     | E-Line Track 1 and/or Station(s) West Hyatts |  |       |           |          | West Hyattsv    | sville (E07) Fort Totten (E |                           |                  |                                  | (E06)            |    |                     |     |  |

Equipment

N/A

Number of Defects

**Recommended Finding?** 

**Remedial Action Required?** 

**Recommended Reinspection?** 



Federal Transit Administration

| Inspection Date        | YYYY                    | MM   | DD           | Report Number             | 20181219-WM    |         | ν <b>ο 3</b> |  |  |  |  |
|------------------------|-------------------------|--|--------------|---------------------------|----------------|---------|--------------|--|--|--|--|
| inspection Date        | 2018                    | 12   | 19           | Report Number             | 20101219-001   | VIATA-V | VP-Z         |  |  |  |  |
| Rail Agency Name       | Washington<br>Authority | Metropolitan   | Area Transit | Rail Agency<br>Department | Sup-Department |         |              |  |  |  |  |
|                        | I                       | Name   |              | Email Office Phone Mot    |                |         | 1obile Phone |  |  |  |  |
| Rail Agency Department |                         |  |              |                           |                |         |              |  |  |  |  |
| Contact Information    |                         |  |              |                           |                |         |              |  |  |  |  |
|                        |                         |  |              |                           |                |         |              |  |  |  |  |
| Inspection Location    | F-Line, Anaco           | F-Line, Anacostia (F06) to Congress Heights (F07), track 1 |              |                           |                |         |              |  |  |  |  |
| Inspection Summary     |                         |  |              |                           |                |         |              |  |  |  |  |

#### 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          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No        |   |   |   |   |
| Recommended Reinspection              | No          | Yes       |   |   |   |   |

#### **Activity Summaries**

| Inspection Activity #                       | 1           | Inspec  | tion Subj | ject  | Job Safe  | ety Brie | fing             |               |                        | Activity Co  | ode             | TR              | K   | JSB              | OBS  |
|---|-------------|---------|-----------|-------|-----------|----------|------------------|---------------|------------------------|--------------|-----------------|-----------------|-----|------------------|------|
| Job Briefing<br>Employee<br>Name/Title      | TRST        | RST 671 |           |       |           |          | mpanied<br>ctor? | Yes           | Out Brief<br>Conducted | Yes          | <b>Time</b> 100 |                 |     | Outside<br>Shift | No   |
| Related Reports                             | N/A         |         |           |       |           | Relat    | ed CAPS /        | Findings      | N/A                    |              |                 |                 |     |                  |      |
|   | Ref         |         |           |       | Rule or S | OP       |                  | Standard      |                        | Other / T    | ïtle            |                 | Che | cklist Refer     | ence |
| Related Rules, SOPs,<br>Standards, or Other | MSRP        | чΗ      |           |       |           |          |                  |               |                        |              |                 |                 |     |                  |      |
| Standards, or other                         |             |         |           |       |           |          |                  |               |                        |              |                 |                 |     |                  |      |
|   | Mai<br>Trac |         | Yard      | Stati | ion C     | DCC      | RTA<br>Facility  | FTA<br>Office | <b>T</b>               | At-grade Tun |                 | nnel El         |     | evated           | N/A  |
| Inspection Location                         |             |         |           | х     |           |          |                  |               | Track Type             |              |                 | x               |     |                  |      |
| Line(c)                                     | F-Line      |         | Track     |       | N/A       |          | Chain Ma         | rker          | From                   |              |                 | То              |     |                  |      |
| Line(s)                                     | F-LINE      | =       | Numbe     | er    | N/A       |          | and/or St        | ation(s)      | Anacostia (F0          | 6)           |                 | Anacostia (F06) |     |                  |      |
|   | Неа         | d Car N | umber     | I     | Number o  | of Cars  |                  |               |                        |              |                 |                 |     |                  |      |
| Vehicles                                    |             | N/A     |           |       | N/A       |          | Equipment        |               | N/A                    |              |                 |                 |     |                  |      |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | WINSLOW L. POWELL<br>pate: 2019.01.03 10:24:17 -05'00' |
| Inspector in Charge - Name      | Inspection Team |  |
| Winslow Powell                  | Lee Emard       |  |



|   |   |            |            | -       | -         |          | -                          |            |                                | 1. All personal             | Number      | of Defect        | s       |         |            | 0   |
|---|---|------------|------------|---------|-----------|----------|----------------------------|------------|--------------------------------|-----------------------------|-------------|------------------|---------|---------|------------|-----|
|   |   | •          | •          |         |           |          |                            |            | ction (RWP)                    | IDs were<br>safety rule of  | Recomm      | ended Fi         | nding?  |         |            | No  |
| Description                                 |   |            | otential   | •       |           |          |                            |            | ospital allu s                 | salety fulle of             | Remedia     | Action I         | Require | ed?     |            | No  |
|   | The F   | WSO inc    | noctor     | lid not | noto on   | v dofo   | oto                        |            |                                |                             | Recomm      | ended Re         | einspec | tion?   |            | No  |
| Remedial Action                             | N/A   | w30 ms     | spector c  | nu not  | note an   | y uere   | us.                        |            |                                |                             |             |                  |         |         |            |     |
|   | ,   |            |            |         |           |          |                            |            |                                |                             |             |                  | 1       |         |            |     |
| Inspection Activity #                       | 2   | Inspect    | tion Subj  | ject    | Remedi    | al Actio | on Veri                    | ficati     | on                             | 1                           | Activity Co | y Code TI        |         | TRK W   |            | PI  |
| Job Briefing<br>Employee<br>Name/Title      | TRST  | 621        |            |         |           |          | ompani<br>ector?           | ed         | Yes                            | Out Brief<br>Conducted      | Yes         | <b>Time</b> 1000 |         |         |            | No  |
| Related Reports                             | Safety  | / Directiv | ve 17-1    |         |           | Rela     | ion ID: 2248<br>E-17-021-A | 3, 3177, 3 | 178, 14                        | 138                         |             |                  |         |         |            |     |
| Polated Bulas, CODe                         | Ref   |            |            | F       | Rule or S | OP       | Other / T                  | ïtle       |                                | Chec                        | klist Refe  | erence           |         |         |            |     |
| Related Rules, SOPs,<br>Standards, or Other | TRST  | 1000 rev   | v. 6       |         |           |          |                            |            |                                |                             |             |                  |         |         |            |     |
|   |   |            |            |         |           |          |                            |            |                                |                             |             |                  |         |         |            |     |
|   | Maii<br>Trac  | ,          | Yard       | Statio  | in C      | DCC      | RT.<br>Facil               |            | FTA<br>Office                  |                             | At-grade    | e Tu             | Tunnel  |         | vated      | N/A |
| Inspection Location                         | х   |            |            | Х       |           |          |                            |            |                                | Track Type                  |             |                  | Х       |         |            |     |
| Lino(a)                                     | F-Line  |            | Track      |         | Track 1   |          | Chair                      | n Ma       | rker                           |                             | From        |                  |         |         | То         |     |
| Line(s)                                     | F-LINE  | :          | Numbe      | er      | TIACK     | -        | and/                       | or St      | ation(s)                       | Anacostia (FC               | )6)         |                  | Cong    | ress He | eights (FC | )7) |
| Vehicles                                    | Hea   | d Car Nu   | umber      | N       | umber c   | of Cars  |                            | auin       | ment                           | N/A                         |             |                  |         |         |            |     |
| venicies                                    |   | N/A        |            |         | N/A       | L.       |                            | quip       | ment                           | NA                          |             |                  |         |         |            |     |
|   |   |            | • •        |         |           |          |                            |            | cation with                    |                             | Number      | of Defect        | s       |         |            | 1   |
|   |   |            |            |         |           | •        | ,                          |            | ess Heights :<br>uring inspect | Station (F07).<br>tion four | Recomm      | ended Fi         | nding?  |         |            | No  |
|   |   |            | verified a |         |           |          |                            |            |                                |                             | Remedia     | Action I         | Require | ed?     |            | No  |
| Description                                 | The following non-color-coded defect was noted:TRST 1000, 13.5.7: Third rail was missing coverboard at CM F1 198+30.<br>Remedial action for this defect is addressed by WMATA's approach to<br>FTA-TPE-17-021-A.Recommended Reinspection?YesThe following remedial actions were verified as complete:WMATA repaired the broken frog wedge plate at F1 192+14 F06 -1A<br>frog.Recommended Reinspection?YesWMATA replaced the defective fasteners at F1 202+30.WMATA replaced the defective fasteners at F1 203+35WMATA repaired the emergency trip station (ETS) light at Congress<br>Heights Station (F07) track 1, box F-87.Recommended Reinspection?Yes |            |            |         |           |          |                            |            |                                |                             |             |                  | Yes     |         |            |     |
| Remedial Action                             | N/A   |            |            |         |           |          |                            |            |                                |                             |             |                  |         |         |            |     |



**Inspection Form** FOIA Exemption: All (b)(6)

## Agency/Department Information

Federal Transit Administration

| Inspection Date        | YYYY  | MM           | DD           | Report Number             | 20181220-WMATA-WP-1 |          |         |              |  |  |  |  |
|------------------------|---|--------------|--------------|---------------------------|---------------------|----------|---------|--------------|--|--|--|--|
| inspection Date        | 2018  | 12           | 20           | Report Number             |                     |          |         |              |  |  |  |  |
| Rail Agency Name       | Washington<br>Authority                                 | Metropolitan | Area Transit | Rail Agency<br>Department | TRST                | Sub- Dep | artment | TKIN         |  |  |  |  |
|                        |   | Name         |              | Email                     | Office Phone        | e        | Ν       | Nobile Phone |  |  |  |  |
| Rail Agency Department |   |              |              |                           |                     |          |         |              |  |  |  |  |
| Contact Information    |   |              |              |                           |                     |          |         |              |  |  |  |  |
| Inspection Location    | F-Line, Archives (F02) to L'Enfant Plaza (F03), track 1 |              |              |                           |                     |          |         |              |  |  |  |  |
| nspection Location     | F-Line, Archives (F02) to L'Enfant Plaza (F03), track 1 |              |              |                           |                     |          |         |              |  |  |  |  |

#### 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          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No        |   |   |   |   |
| <b>Recommended Reinspection</b>       | No          | Yes       |   |   |   |   |

#### **Activity Summaries**

| Inspection Activity #                       | 1            | Inspection Sub | ject | Job Safe  | ety Brief                 | ing             |               |                               | Activity Co | ode  | TR      | К                   | JSB              | OBS |
|---|--------------|----------------|------|-----------|---------------------------|-----------------|---------------|-------------------------------|-------------|------|---------|---------------------|------------------|-----|
| Job Briefing<br>Employee<br>Name/Title      | TRST         | 677            |      |           | Accompanied<br>Inspector? |                 | Yes           | Out Brief<br>Conducted        | Yes         | Time |         | ) to<br>)0          | Outside<br>Shift | No  |
| Related Reports                             | N/A          |                |      |           | Relate                    | ed CAPS / I     | indings       |                               |             |      |         |                     |                  |     |
|   | Ref          |                |      | Rule or S | OP                        |                 | Standard      |                               | Other / T   | ītle |         | Checklist Reference |                  |     |
| Related Rules, SOPs,<br>Standards, or Other | MSRP         | Н              |      |           |                           |                 |               |                               |             |      |         |                     |                  |     |
| Standards, or Other                         |              |                |      |           |                           |                 |               |                               |             |      |         |                     |                  |     |
|   | Maiı<br>Trac | Yard           | Stat | ion C     | OCC                       | RTA<br>Facility | FTA<br>Office | <b>T</b>                      | At-grade Tu |      | innel E |                     | evated           | N/A |
| Inspection Location                         |              |                | х    | (         |                           |                 |               | Track Type                    |             |      | x       |                     |                  |     |
| Line(c)                                     | F-Line       | Track          |      |           |                           | Chain Ma        | rker          |                               | From        |      |         |                     | То               |     |
| Line(s)                                     | F-LINE       | Numb           | er   | N/A       |                           | and/or St       | ation(s)      | Archives (F02) Archives (F02) |             |      |         |                     |                  |     |
|   | Hea          | d Car Number   |      | Number o  | of Cars                   |                 |               |                               |             |      |         |                     |                  |     |
| Vehicles                                    |              | N/A            |      | N/A       |                           | Equip           | ment          | N/A                           |             |      |         |                     |                  |     |

| Inspector in Charge - Signature |                 | Date   |
|---------------------------------|-----------------|--|
|                                 |                 | igitally signed by WINSLOW L. POWELL<br>ate: 2019.01.03 10:26:31 -05'00' |
| Inspector in Charge - Name      | Inspection Team |  |
| Winslow Powell                  | Lee Emard       |  |



|  |  |         |                       |         |           |          | •               | WMATA 672<br>ction (RWP)      | 7. All personal<br>IDs were |                         | of Defect<br>ended Fir |         |            |                  | 0<br>No |  |
|--|--|---------|-----------------------|---------|-----------|----------|-----------------|-------------------------------|-----------------------------|-------------------------|------------------------|---------|------------|------------------|---------|--|
| Description                            |  |         | MATA ATC<br>potential | •       |           |          |                 | ospital and s                 | safety rule of              |                         | l Action F             |         | ed?        |                  | No      |  |
|  | The F\   | NSO ir  | nspector c            | lid not | note an   | v defe   | cts.            |                               |                             | Recomm                  | ended Re               | einspec | tion?      |                  | No      |  |
| Remedial Action                        | N/A  |         |                       |         |           | ,        |                 |                               |                             |                         |                        |         |            |                  |         |  |
| Inspection Activity #                  | 2  | Inspe   | ection Subj           | ect     | Remedi    | ial Acti | Activity Co     | ode                           | de TRK                      |                         | WI                     | PI      |            |                  |         |  |
| Job Briefing<br>Employee<br>Name/Title | TRST 6   | 577     |                       |         |           |          | ector?          | Yes                           | Out Brief<br>Conducted      | Yes                     | Yes Time               |         | 0 to<br>00 | Outside<br>Shift | No      |  |
| Related Reports                        | Safety   | Direct  | tive 17-1             |         | 3, 3212   |          |                 |                               |                             |                         |                        |         |            |                  |         |  |
| Related Rules, SOPs,                   | Ref  |         |                       | F       | Rule or S | SOP      |                 | Standard                      |                             | Other / T               | ïtle                   |         | Chec       | klist Refer      | rence   |  |
| Standards, or Other                    | TRST 1   | 1000 re | ev. 6                 |         |           |          |                 |                               |                             |                         |                        |         |            |                  |         |  |
|  | Mair<br>Tracl  |         | Yard                  | Static  | on (      | DCC      | RTA<br>Facility | FTA<br>Office                 | Tue du Toure                | At-grade                | e Tur                  | nnel    | Ele        | vated            | N/A     |  |
| Inspection Location                    | Х  |         |                       | Х       |           |          |                 |                               | Track Type                  |                         | :                      | х       |            |                  |         |  |
| Line(s)                                | F-Line   | 1       | Track                 |         | Track 1   | 1        | Chain Ma        |                               |                             | From                    |                        |         |            | То               |         |  |
|  | Нор  | d Car N | Number                |         | umber o   | ofCarc   | and/or St       | ation(s)                      | Archives (F02               | 2) L'Enfant Plaza (F03) |                        |         |            |                  |         |  |
| Vehicles                               | Tiedd  | N/A     |                       |         | N/A       |          | Equip           | ment                          | N/A                         |                         |                        |         |            |                  |         |  |
|  |  |         |                       |         |           |          |                 | cation with                   |                             | Number                  | of Defect              | s       |            |                  | 1       |  |
|  |  |         |                       |         |           | `        | ,               | t Plaza (F03)<br>ection two d |                             | Recomm                  | ended Fir              | nding?  |            |                  | No      |  |
|  |  |         | omplete.              |         |           |          | 0 1             |                               |                             | Remedia                 | l Action F             | Require | ed?        |                  | No      |  |
| Description                            | The following non-color-coded defect was noted:       • TRST 1000, 13.5.7: Third rail was missing coverboard at CM F1 042+50.       Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.       Prescription (1998)       Prescription ( |         |                       |         |           |          |                 |                               |                             |                         |                        |         | Yes        |                  |         |  |
| Remedial Action                        | N/A  |         |                       |         |           |          |                 |                               |                             |                         |                        |         |            |                  |         |  |