



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                |              |
|--|--|----|------------|------------------------|---------------------|----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180905-WMATA-WP-1 |                |              |
|  | 2018   | 09 | 05         |                        |                     |                |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority   |    |            | Rail Agency Department | ATC                 | Sub-Department |              |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                | Mobile Phone |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                | [REDACTED]   |
| Inspection Location                        | Ballston-MU, CM 278+60 to CM 274+00 K1/K2; K04 Crossover, Train Control Room 115 (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 Subject |                |     |                                |                         | Job Safety Briefing   |                     |                     | Activity Code |              | ATC           | JSB | OBS |
| Job Briefing Employee Name/Title         | ATC #2195       |                    |                |     |                                | Accompanied Inspector?  | Yes                   | Out Brief Conducted | Yes                 | Time          | 1000 to 1400 | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                       | N/A                 |                     |               |              |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                         | Other / Title         |                     | Checklist Reference |               |              |               |     |     |
|  | MSRPH           |                    |                |     |                                |                         |                       |                     |                     |               |              |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type            | At-grade            | Tunnel              | Elevated      | N/A          |               |     |     |
|  |                 |                    |                |     | X                              |                         |                       |                     | X                   |               |              |               |     |     |
| Line(s)                                  | K-Line          | Track Number       | N/A            |     | Chain Marker and/or Station(s) |                         | From                  |                     | To                  |               |              |               |     |     |
|  |                 |                    |                |     |                                |                         | Ballston-MU (K04) TCR |                     | Ballston (K04) TCR  |               |              |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      | N/A                     |                       |                     |                     |               |              |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                       |                     |                     |               |              |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |                              |  |      |  |
|--|--|------------------------------|--|------|--|
| Inspector in Charge - Signature              |  | WINSLOW L. POWELL            |  | Date | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 12:13:31 -04'00' |
| Inspector in Charge - Name<br>Winslow Powell |  | Inspection Team<br>Lee Emard |  |      |  |



United States Department of Transportation  
Federal Transit Administration

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|                 |   |                           |    |
|-----------------|---|---------------------------|----|
| Description     | FWSO inspector received a job safety briefing from the WMATA ATC #2195 at Ballston-MU Train Control Room (TCR). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.<br><br>The FWSO inspector did not note any defects. | Number of Defects         | 0  |
|                 |   | Recommended Finding?      | No |
|                 |   | Remedial Action Required? | No |
|                 |   | Recommended Reinspection? | No |
| Remedial Action | N/A   |                           |    |

|  |   |                    |  |                                |                                   |               |                           |                                   |               |          |     |  |  |  |  |  |
|--|---|--------------------|--|--------------------------------|-----------------------------------|---------------|---------------------------|-----------------------------------|---------------|----------|-----|--|--|--|--|--|
| Inspection Activity #                    | 2   | Inspection Subject | Train Control Room observation of PM activities and observation of wayside visual inspection |                                |                                   |               | Activity Code             | ATC                               | RM            | PI       |     |  |  |  |  |  |
| Job Briefing Employee Name/Title         | ATC #2195   |                    | Accompanied Inspector?   | Yes                            | Out Brief Conducted               | Yes           | Time                      | 1000 to 1400                      | Outside Shift | No       |     |  |  |  |  |  |
| Related Reports                          | N/A   |                    | Related CAPS / Findings  |                                | N/A                               |               |                           |                                   |               |          |     |  |  |  |  |  |
| Related Rules, SOPs, Standards, or Other | Ref   | Rule or SOP        |  | Standard                       |                                   | Other / Title |                           | Checklist Reference               |               |          |     |  |  |  |  |  |
|  | ATC 3000, 3003 - Interlocking Inspection  |                    |  |                                |                                   |               |                           |                                   |               |          |     |  |  |  |  |  |
|  | TRST 1000   |                    |  |                                |                                   |               |                           |                                   |               |          |     |  |  |  |  |  |
| Inspection Location                      | Main Track  | Yard               | Station  | OCC                            | RTA Facility                      | FTA Office    | Track Type                | At-grade                          | Tunnel        | Elevated | N/A |  |  |  |  |  |
|  | X   |                    |  |                                | X                                 |               |                           |                                   | X             |          |     |  |  |  |  |  |
| Line(s)                                  | K-Line  | Track Number       | Tracks 1 & 2   | Chain Marker and/or Station(s) | From                              |               |                           | To                                |               |          |     |  |  |  |  |  |
|  |   |                    |  |                                | Ballston-MU (K04) CM 274+00 K1/K2 |               |                           | Ballston-MU (K04) CM 274+00 K1/K2 |               |          |     |  |  |  |  |  |
| Vehicles                                 | Head Car Number   |                    | Number of Cars   |                                | Equipment                         | N/A           |                           |                                   |               |          |     |  |  |  |  |  |
|  | N/A   |                    | N/A  |                                |                                   |               |                           |                                   |               |          |     |  |  |  |  |  |
| Description                              | The FWSO inspector observed WMATA ATC personnel perform an interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspector went wayside on mainline track at Ballston (K04) CM 278+60 to CM 274+00, track 1 and 2. The switches 1A and 3A on track 1 and switches 1B and 3B on track 2 were inspected with no defects.<br><br>The following non-color-coded defects were observed: <ul style="list-style-type: none"><li>TRST 1000 13.5.7: Third rail end approach was missing coverboard CM K1 276+30. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li><li>TRST 1000 13.5.7: Third rail end approach was missing coverboard CM K1 274+80. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li><li>TRST 1000 13.5.7: Third coverboard was missing between CM K2 274+60 to CM K2 274+40. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li></ul> |                    |  |                                |                                   |               | Number of Defects         | 3                                 |               |          |     |  |  |  |  |  |
|  |   |                    |  |                                |                                   |               | Recommended Finding?      | No                                |               |          |     |  |  |  |  |  |
|  |   |                    |  |                                |                                   |               | Remedial Action Required? | Yes                               |               |          |     |  |  |  |  |  |
|  |   |                    |  |                                |                                   |               | Recommended Reinspection? | Yes                               |               |          |     |  |  |  |  |  |
| Remedial Action                          | N/A   |                    |  |                                |                                   |               |                           |                                   |               |          |     |  |  |  |  |  |



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Federal Transit Administration

## Agency/Department Information

|  |   |    |            |                        |                     |                 |              |
|--|---|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY  | MM | DD         | Report Number          | 20180906-WMATA-WP-1 |                 |              |
|  | 2018  | 09 | 06         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority  |    |            | Rail Agency Department | ATC                 | Sub- Department |              |
| Rail Agency Department Contact Information | Name  |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | Tysons Corner (N02) CM 696+00 to CM 702+00 N1/N2; N02 Crossover, Train Control Room 228 (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           | 0         |   |   |   |   |
| Recommended Finding                   | No          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No        |   |   |   |   |
| Recommended Reinspection              | No          | No        |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |     |                                |                         |                     |                     |                     |          |              |               |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|-------------------------|---------------------|---------------------|---------------------|----------|--------------|---------------|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                |                         | Job Safety Briefing |                     | Activity Code       |          | ATC          | JSB           | OBS |
| Job Briefing Employee Name/Title         | ATC #2278       |                    |                |     |                                | Accompanied Inspector?  | Yes                 | Out Brief Conducted | Yes                 | Time     | 1000 to 1400 | Outside Shift | No  |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                     | N/A                 |                     |          |              |               |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                         | Other / Title       |                     | Checklist Reference |          |              |               |     |
|  | MSRPH           |                    |                |     |                                |                         |                     |                     |                     |          |              |               |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type          | At-grade            | Tunnel              | Elevated | N/A          |               |     |
|  |                 |                    |                |     | X                              |                         |                     |                     |                     | X        |              |               |     |
| Line(s)                                  | N- Line         |                    | Track Number   | N/A | Chain Marker and/or Station(s) |                         | From                |                     | To                  |          |              |               |     |
|  |                 |                    |                |     |                                |                         | Tysons Corner TCR   |                     | Tysons Corner TCR   |          |              |               |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      |                         | N/A                 |                     |                     |          |              |               |     |
|  | N/A             |                    | N/A            |     |                                |                         |                     |                     |                     |          |              |               |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|                                 |                |                   |           |      |  |
|---------------------------------|----------------|-------------------|-----------|------|--|
| Inspector in Charge - Signature |                | WINSLOW L. POWELL |           | Date | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 12:21:46 -04'00' |
| Inspector in Charge - Name      | Winslow Powell | Inspection Team   | Lee Emard |      |  |



United States Department of Transportation  
Federal Transit Administration

|                        |  |  |  |  |  |  |                                  |  |    |  |
|------------------------|--|--|--|--|--|--|----------------------------------|--|----|--|
| <b>Description</b>     | FWSO inspectors received a job safety briefing from the WMATA ATC # 2278 at Tyson Corner Train Control Room (TCR). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed<br><br><b>The FWSO inspector did not note any defects.</b> |  |  |  |  |  | <b>Number of Defects</b>         |  | 0  |  |
|                        |  |  |  |  |  |  | <b>Recommended Finding?</b>      |  | No |  |
|                        |  |  |  |  |  |  | <b>Remedial Action Required?</b> |  | No |  |
|                        |  |  |  |  |  |  | <b>Recommended Reinspection?</b> |  | No |  |
| <b>Remedial Action</b> | N/A  |  |  |  |  |  |                                  |  |    |  |

|   |   |                           |  |                                       |                                     |            |                                  |                                    |                      |          |     |
|---|---|---------------------------|--|---------------------------------------|-------------------------------------|------------|----------------------------------|------------------------------------|----------------------|----------|-----|
| <b>Inspection Activity #</b>                    | 2   | <b>Inspection Subject</b> | Train Control Room observation of PM activities and observation of wayside visual inspection |                                       |                                     |            | <b>Activity Code</b>             |                                    | ATC                  | RM       | PI  |
| <b>Job Briefing Employee Name/Title</b>         | ATC #2278   |                           | <b>Accompanied Inspector?</b>  | Yes                                   | <b>Out Brief Conducted</b>          | Yes        | <b>Time</b>                      | 1000 to 1400                       | <b>Outside Shift</b> | No       |     |
| <b>Related Reports</b>                          | N/A   |                           | <b>Related CAPS / Findings</b>   |                                       | Remedial Action ID: 2743            |            |                                  |                                    |                      |          |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | Ref   |                           | Rule or SOP  |                                       | Standard                            |            | Other / Title                    |                                    | Checklist Reference  |          |     |
|   | ATC 3000, 3003 - Interlocking Inspection  |                           |  |                                       |                                     |            |                                  |                                    |                      |          |     |
|   | TRST 1000   |                           |  |                                       |                                     |            |                                  |                                    |                      |          |     |
| <b>Inspection Location</b>                      | Main Track  | Yard                      | Station  | OCC                                   | RTA Facility                        | FTA Office | <b>Track Type</b>                | At-grade                           | Tunnel               | Elevated | N/A |
|   | X   |                           |  |                                       | X                                   |            |                                  |                                    |                      | X        |     |
| <b>Line(s)</b>                                  | N line  | <b>Track Number</b>       | Tracks 1 & 2   | <b>Chain Marker and/or Station(s)</b> | From                                |            |                                  | To                                 |                      |          |     |
|   |   |                           |  |                                       | Tysons Corner (N02) CM 696+00 N1/N2 |            |                                  | Tysons Corner (N02) CM 702+00N1/N2 |                      |          |     |
| <b>Vehicles</b>                                 | Head Car Number   |                           | Number of Cars   |                                       | <b>Equipment</b>                    | N/A        |                                  |                                    |                      |          |     |
|   | N/A   |                           | N/A  |                                       |                                     |            |                                  |                                    |                      |          |     |
| <b>Description</b>                              | The FWSO inspectors observed WMATA ATC personnel perform an Interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspector went wayside on mainline track at Tysons Corner (N02) CM 696+00 to CM 702+00 , track 1 and 2. The switches 1A and 3A on track 1 and switches 1B and 1B and 3B on track 2 were inspected.<br><br><b>The FWSO inspectors did not note any defects.</b><br><br><b>The following remedial action was verified as complete:</b> <ul style="list-style-type: none"> <li>Third rail anchor arm at N1 689+00 has been replaced</li> </ul> |                           |  |                                       |                                     |            | <b>Number of Defects</b>         |                                    | 0                    |          |     |
|   |   |                           |  |                                       |                                     |            | <b>Recommended Finding?</b>      |                                    | No                   |          |     |
|   |   |                           |  |                                       |                                     |            | <b>Remedial Action Required?</b> |                                    | No                   |          |     |
|   |   |                           |  |                                       |                                     |            | <b>Recommended Reinspection?</b> |                                    | No                   |          |     |
| <b>Remedial Action</b>                          | N/A   |                           |  |                                       |                                     |            |                                  |                                    |                      |          |     |



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180907-WMATA-WP-1 |                 |              |
|  | 2018   | 09 | 07         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority                               |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | B-Line, Tracks 1 and 2, Rhode Island Avenue (B04) and NoMa-Gallaudet U (B35) |    |            |                        |                     |                 |              |

## 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           | 0          |   |   |   |   |
| Recommended Finding                   | No          | No         |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No         |   |   |   |   |
| Recommended Reinspection              | No          | No         |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |     |                                |                     |                     |                        |               |                        |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|---------------------|---------------------|------------------------|---------------|------------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                | Job Safety Briefing |                     |                        | Activity Code |                        | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 679        |                    |                |     | Accompanied Inspector?         | Yes                 | Out Brief Conducted | Yes                    | Time          | 1000-1330              | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     | Related CAPS / Findings        |                     |                     | N/A                    |               |                        |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                     |                     | Other / Title          |               | Checklist Reference    |               |     |     |
|  | RWPM            |                    |                |     |                                |                     |                     |                        |               |                        |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office          | Track Type          | At-grade               | Tunnel        | Elevated               | N/A           |     |     |
|  |                 |                    | X              |     |                                |                     |                     | X                      |               |                        |               |     |     |
| Line(s)                                  | B-Line          |                    | Track Number   | N/A | Chain Marker and/or Station(s) |                     |                     | From                   |               | To                     |               |     |     |
|  |                 |                    |                |     |                                |                     |                     | NoMa-Gallaudet U (B35) |               | NoMa-Gallaudet U (B35) |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      |                     |                     | N/A                    |               |                        |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                     |                     |                        |               |                        |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |   |  |      |  |
|--|--|---|--|------|--|
| Inspector in Charge - Signature              |  | WINSLOW L. POWELL                             |  | Date | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 12:30:24 -04'00' |
| Inspector in Charge - Name<br>Winslow Powell |  | Inspection Team<br>Bob Adams & Alexander Nepa |  |      |  |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                 |   |                           |    |
|-----------------|---|---------------------------|----|
| Description     | FWSO inspectors received a job safety briefing from TRST 679 at NoMa-Gallaudet U (B35) 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 hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><b>The FWSO inspectors did not note any defects.</b> | Number of Defects         | 0  |
|                 |   | Recommended Finding?      | No |
|                 |   | Remedial Action Required? | No |
|                 |   | Recommended Reinspection? | No |
| Remedial Action | N/A   |                           |    |

|  |  |                    |                              |                                |  |               |                           |                           |               |          |     |  |  |  |  |  |
|--|--|--------------------|------------------------------|--------------------------------|--|---------------|---------------------------|---------------------------|---------------|----------|-----|--|--|--|--|--|
| Inspection Activity #                    | 2  | Inspection Subject | Remedial Action Verification |                                |  |               | Activity Code             | TRK                       | WI            | OBS      |     |  |  |  |  |  |
| Job Briefing Employee Name/Title         | TRST 679   |                    | Accompanied Inspector?       | Yes                            | Out Brief Conducted  | Yes           | Time                      | 1000-1330                 | Outside Shift | No       |     |  |  |  |  |  |
| Related Reports                          | N/A  |                    | Related CAPS / Findings      |                                | Remedial Action ID: 2289, 2853, 2852, 1785, 1786, 2330, 2333, 1787 |               |                           |                           |               |          |     |  |  |  |  |  |
| Related Rules, SOPs, Standards, or Other | Ref  | Rule or SOP        |                              | Standard                       |  | Other / Title |                           | Checklist Reference       |               |          |     |  |  |  |  |  |
|  | TRST 1000  |                    |                              |                                |  |               |                           |                           |               |          |     |  |  |  |  |  |
|  |  |                    |                              |                                |  |               |                           |                           |               |          |     |  |  |  |  |  |
| Inspection Location                      | Main Track   | Yard               | Station                      | OCC                            | RTA Facility   | FTA Office    | Track Type                | At-grade                  | Tunnel        | Elevated | N/A |  |  |  |  |  |
|  | X  |                    |                              |                                |  |               |                           | X                         |               | X        |     |  |  |  |  |  |
| Line(s)                                  | B-Line   | Track Number       | Tracks 1 and 2               | Chain Marker and/or Station(s) | From   |               |                           | To                        |               |          |     |  |  |  |  |  |
|  |  |                    |                              |                                | NoMa-Gallaudet U (B35)   |               |                           | Rhode Island Avenue (B04) |               |          |     |  |  |  |  |  |
| Vehicles                                 | Head Car Number  |                    | Number of Cars               |                                | Equipment  | N/A           |                           |                           |               |          |     |  |  |  |  |  |
|  | N/A  |                    | N/A                          |                                |  |               |                           |                           |               |          |     |  |  |  |  |  |
| Description                              | FWSO inspectors performed a remedial action verification between NoMa-Gallaudet U (B35) and Rhode Island Avenue (B04), tracks one and two. Inspectors also observed track conditions in these locations.<br><br><b>The FWSO inspectors did not observe any defects.</b><br><br><b>The following remedial actions were verified as completed:</b> <ul style="list-style-type: none"> <li>The left rail spalling condition between B1 120+00 and 121+00 has been repaired.</li> <li>WMATA has replaced the rail between B1 130+90 and 131+00.</li> <li>The loose bolts have been tightened and missing cotter pins have been replaced at B1 131+00.</li> <li>The spalling rail condition on the closure rail at the 11A switch, B2142+70 has been repaired.</li> <li>The right rail spalling condition at B2 142+70 has been repaired.</li> <li>The right rail spalling condition between B2 144+10 and 144+30 has been repaired.</li> <li>The broken third rail anchor arm at B2 152+40 has been repaired.</li> </ul> |                    |                              |                                |  |               | Number of Defects         | 0                         |               |          |     |  |  |  |  |  |
|  |  |                    |                              |                                |  |               | Recommended Finding?      | No                        |               |          |     |  |  |  |  |  |
|  |  |                    |                              |                                |  |               | Remedial Action Required? | No                        |               |          |     |  |  |  |  |  |
|  |  |                    |                              |                                |  |               | Recommended Reinspection? | No                        |               |          |     |  |  |  |  |  |
| Remedial Action                          | N/A  |                    |                              |                                |  |               |                           |                           |               |          |     |  |  |  |  |  |



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

|  |   |    |            |                        |                     |                 |              |
|--|---|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY  | MM | DD         | Report Number          | 20180907-WMATA-WP-2 |                 |              |
|  | 2018  | 09 | 07         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority  |    |            | Rail Agency Department | ATC                 | Sub- Department |              |
| Rail Agency Department Contact Information | Name  |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | National Airport (C10) C1/C2/C3 CM 271+50 to C1/C2/C3 CM 359+00; Train Control Room 112 (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           | 5         |   |   |   |   |
| Recommended Finding                   | No          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | Yes       |   |   |   |   |
| Recommended Reinspection              | No          | Yes       |   |   |   |   |

**Activity Summaries**

|  |                 |                    |                |     |                                |                         |                            |                     |                            |               |              |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|-------------------------|----------------------------|---------------------|----------------------------|---------------|--------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                |                         | Job Safety Briefing        |                     |                            | Activity Code |              | ATC           | JSB | OBS |
| Job Briefing Employee Name/Title         | ATC #2173       |                    |                |     |                                | Accompanied Inspector?  | Yes                        | Out Brief Conducted | Yes                        | Time          | 1000 to 1400 | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                            | N/A                 |                            |               |              |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                         | Other / Title              |                     | Checklist Reference        |               |              |               |     |     |
|  | MSRPH           |                    |                |     |                                |                         |                            |                     |                            |               |              |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type                 | At-grade            | Tunnel                     | Elevated      | N/A          |               |     |     |
|  |                 |                    |                |     | X                              |                         |                            |                     |                            | X             |              |               |     |     |
| Line(s)                                  | C Line          |                    | Track Number   | N/A | Chain Marker and/or Station(s) |                         | From                       |                     | To                         |               |              |               |     |     |
|  |                 |                    |                |     |                                |                         | National Airport (C10) TCR |                     | National Airport (C10) TCR |               |              |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      | N/A                     |                            |                     |                            |               |              |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                            |                     |                            |               |              |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |                              |  |  |
|--|------------------------------|--|--|
| Inspector in Charge - Signature              |                              | Date   |  |
| WINSLOW L. POWELL                            |                              | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 12:41:05 -04'00' |  |
| Inspector in Charge - Name<br>Winslow Powell | Inspection Team<br>Lee Emard |  |  |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                 |  |     |  |  |  |  |  |                           |  |    |  |
|-----------------|--|-----|--|--|--|--|--|---------------------------|--|----|--|
| Description     | FWSO inspector received a job safety briefing from the WMATA ATC 2173 at National Airport (C10), Train Control Room 112 (TCR). All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.<br><br>The FWSO inspector did not note any defects. |     |  |  |  |  |  | Number of Defects         |  | 0  |  |
|                 |  |     |  |  |  |  |  | Recommended Finding?      |  | No |  |
|                 |  |     |  |  |  |  |  | Remedial Action Required? |  | No |  |
|                 |  |     |  |  |  |  |  | Recommended Reinspection? |  | No |  |
| Remedial Action |  | N/A |  |  |  |  |  |                           |  |    |  |

|  |  |                    |                 |                                |  |                         |  |  |               |               |                     |               |    |    |
|--|--|--------------------|-----------------|--------------------------------|--|-------------------------|--|--|---------------|---------------|---------------------|---------------|----|----|
| Inspection Activity #                    | 2  | Inspection Subject |                 |                                |  |                         | Train Control Room observation of PM activities and observation of wayside visual inspection |  |               | Activity Code |                     | ATC           | RM | PI |
| Job Briefing Employee Name/Title         | ATC #2173                                |                    |                 |                                |  | Accompanied Inspector?  | Yes  | Out Brief Conducted                          | Yes           | Time          | 1000 to 1400        | Outside Shift | No |    |
| Related Reports                          | N/A                                      |                    |                 |                                |  | Related CAPS / Findings |  | N/A  |               |               |                     |               |    |    |
| Related Rules, SOPs, Standards, or Other | Ref                                      |                    | Rule or SOP     |                                |  | Standard                |  |  | Other / Title |               | Checklist Reference |               |    |    |
|  | ATC 3000, 3003 - Interlocking Inspection |                    |                 |                                |  |                         |  |  |               |               |                     |               |    |    |
|  | TRST 1000                                |                    |                 |                                |  |                         |  |  |               |               |                     |               |    |    |
| Inspection Location                      | Main Track                               | Yard               | Station         | OCC                            | RTA Facility                                 | FTA Office              | Track Type   | At-grade                                     | Tunnel        | Elevated      | N/A                 |               |    |    |
|  | X  |                    |                 |                                | X  |                         |  |  |               | X             |                     |               |    |    |
| Line(s)                                  | C-Line                                   | Track Number       | Tracks 1, 2 & 3 | Chain Marker and/or Station(s) | From   |                         |  | To   |               |               |                     |               |    |    |
|  |  |                    |                 |                                | National Airport (C10)<br>C1/C2/C3 CM 271+50 |                         |  | National Airport (C10)<br>C1/C2/C3 CM 359+00 |               |               |                     |               |    |    |
| Vehicles                                 | Head Car Number                          |                    | Number of Cars  |                                | Equipment                                    | N/A                     |  |  |               |               |                     |               |    |    |
|  | N/A                                      |                    | N/A             |                                |  |                         |  |  |               |               |                     |               |    |    |

|                 |   |  |  |  |  |  |  |                           |  |     |  |
|-----------------|---|--|--|--|--|--|--|---------------------------|--|-----|--|
| Description     | The FWSO inspector observed WMATA ATC personnel perform an Interlocking inspection in accordance with the ATC 3000 manual - 3003 interlocking inspection. FWSO inspector went wayside on mainline track at National Airport (C10) from C1/C2/C3 CM 271+50 to CM 359+00. The switches 9/5A on track 1 and switches 7, 11B on track 2 were inspected with no defects. Switches 5B/11A and derailler 13 were inspected on the pocket track with no defects.<br><br>The Following non-color-coded defect was observed: <ul style="list-style-type: none"><li>• <b>TRST 1000 13.5.6:</b> Third rail end approach was arcing and had burnt up surface at CM C1 360+30 switch 9.</li><li>• <b>TRST 1000 13.5.7:</b> Third rail end approach was missing coverboard on track 1 at CM C1 360+30. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li><li>• <b>TRST 1000 13.5.7:</b> Third coverboard missing on track 1 at CM C1 371+90, kicker rail. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li><li>• <b>TRST 1000 13.5.7:</b> Third rail end approach was missing coverboard on track 1 at CM C1 371+90. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li><li>• <b>TRST 1000 13.5.7:</b> Third rail end approach was missing coverboard on track 2 at CM K2 3744+00. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li></ul> |  |  |  |  |  |  | Number of Defects         |  | 5   |  |
|                 |   |  |  |  |  |  |  | Recommended Finding?      |  | No  |  |
|                 |   |  |  |  |  |  |  | Remedial Action Required? |  | Yes |  |
|                 |   |  |  |  |  |  |  | Recommended Reinspection? |  | Yes |  |
| Remedial Action |   | To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"><li>• WMATA must replace end approach at switch 9 CM C1 360+30.</li></ul> |  |  |  |  |  |                           |  |     |  |





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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180908-WMATA-TW-1 |                 |              |
|  | 2018   | 09 | 08         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority                           |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | B-Line, Tracks 1 and 2, Rhode Island Avenue (B04) to Brookland-CUA (B05) |    |            |                        |                     |                 |              |

**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 Subject |                |                                |                           |                         | Job Safety Briefing |                           |               | Activity Code |                     | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 67         |                    |                |                                |                           | Accompanied Inspector?  | Yes                 | Out Brief Conducted       | Yes           | Time          | 0800-1300           | Outside Shift | Yes |     |
| Related Reports                          | N/A             |                    |                |                                |                           | Related CAPS / Findings |                     |                           | N/A           |               |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |                                |                           | Standard                |                     |                           | Other / Title |               | Checklist Reference |               |     |     |
|  | RWPM            |                    |                |                                |                           |                         |                     |                           |               |               |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC                            | RTA Facility              | FTA Office              | Track Type          | At-grade                  | Tunnel        | Elevated      | N/A                 |               |     |     |
|  |                 |                    | X              |                                |                           |                         |                     | X                         |               |               |                     |               |     |     |
| Line(s)                                  | B-Line          | Track Number       | N/A            | Chain Marker and/or Station(s) | From                      |                         |                     | To                        |               |               |                     |               |     |     |
|  |                 |                    |                |                                | Rhode Island Avenue (B04) |                         |                     | Rhode Island Avenue (B04) |               |               |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |                                | Equipment                 | N/A                     |                     |                           |               |               |                     |               |     |     |
|  | N/A             |                    | N/A            |                                |                           |                         |                     |                           |               |               |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |   |  |   |
|--|--|---|--|---|
| Inspector in Charge - Signature                |  | TERRELL A WILLIAMS                            |  | Date<br>Digitally signed by TERRELL A WILLIAMS<br>Date: 2018.09.21 09:49:54 -04'00' |
| Inspector in Charge - Name<br>Terrell Williams |  | Inspection Team<br>Bob Adams & Alexander Nepa |  |   |



## United States Department of Transportation

|                 |  |                           |    |
|-----------------|--|---------------------------|----|
| Description     | FWSO inspectors received a job safety briefing from TRST 679 at Rhode Island Avenue (B04) 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 hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspectors did not note any defects.</b> | Number of Defects         | 0  |
|                 |  | Recommended Finding?      | No |
|                 |  | Remedial Action Required? | No |
|                 |  | Recommended Reinspection? | No |
| Remedial Action | N/A  |                           |    |

|  |   |                    |                              |                                |   |               |                           |                     |               |          |     |  |  |  |  |  |  |
|--|---|--------------------|------------------------------|--------------------------------|---|---------------|---------------------------|---------------------|---------------|----------|-----|--|--|--|--|--|--|
| Inspection Activity #                    | 2   | Inspection Subject | Remedial Action Verification |                                |   |               |                           | Activity Code       | TRK           | WI       | OBS |  |  |  |  |  |  |
| Job Briefing Employee Name/Title         | TRST 679  |                    | Accompanied Inspector?       | Yes                            | Out Brief Conducted   | Yes           | Time                      | 0800-1300           | Outside Shift | No       |     |  |  |  |  |  |  |
| Related Reports                          | N/A   |                    | Related CAPS / Findings      |                                | Remedial Action ID: 2122, 1035, 1034, 2430, 2428<br>CAP: TOC-SRT-15-002 |               |                           |                     |               |          |     |  |  |  |  |  |  |
| Related Rules, SOPs, Standards, or Other | Ref   | Rule or SOP        |                              | Standard                       |   | Other / Title |                           | Checklist Reference |               |          |     |  |  |  |  |  |  |
|  | TRST 1000   |                    |                              |                                |   |               |                           |                     |               |          |     |  |  |  |  |  |  |
|  |   |                    |                              |                                |   |               |                           |                     |               |          |     |  |  |  |  |  |  |
| Inspection Location                      | Main Track  | Yard               | Station                      | OCC                            | RTA Facility  | FTA Office    | Track Type                | At-grade            | Tunnel        | Elevated | N/A |  |  |  |  |  |  |
|  | X   |                    |                              |                                |   |               |                           | X                   |               | X        |     |  |  |  |  |  |  |
| Line(s)                                  | B-Line  | Track Number       | Tracks 1 and 2               | Chain Marker and/or Station(s) | From  |               |                           | To                  |               |          |     |  |  |  |  |  |  |
|  |   |                    |                              |                                | Rhode Island Avenue (B04)   |               |                           | Brookland-CUA (B05) |               |          |     |  |  |  |  |  |  |
| Vehicles                                 | Head Car Number   |                    | Number of Cars               |                                | Equipment   | N/A           |                           |                     |               |          |     |  |  |  |  |  |  |
|  | N/A   |                    | N/A                          |                                |   |               |                           |                     |               |          |     |  |  |  |  |  |  |
| Description                              | <p>FWSO inspectors accompanied compliance personnel to observe recent track work between Rhode Island Avenue (B04) and Brookland (B05) on tracks 1 and 2. Inspectors also observed general track conditions.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000 10.14:</b> At B2 171+85 the Emergency Trip Station (ETS) light was not working.</li> <li><b>TRST 1000 3.1.2.7:</b> Between B2 180+00 and 185+30 there were unprotected exposed wires lying on the shoulder of the track in the ditch line.</li> <li><b>TRST 1000 3.2.2.4:</b> At B1 194+25 a leak in the crown of the tunnel was observed. Remedial action for this defect is addressed in WMATA's approach to TOC-SRT-15-002.</li> <li><b>TRST 1000 9.10:</b> At B1 174+90, 1A switch, numbers three and four switch rods were loose.</li> </ul> <p><b>The following remedial actions were verified as complete:</b></p> <ul style="list-style-type: none"> <li>The center walkway trough cover at B1 169+40 has been repaired.</li> <li>The defective grout pad on the left rail side at B1 174+00 has been repaired.</li> <li>The defective grout pad on the right rail side at B1 189+90 has been repaired.</li> <li>The train platform lights at Brookland-CUA station have been repaired and were working as designed.</li> <li>The train platform lights at Brookland-CUA station have been repaired and were flashing as designed.</li> </ul> |                    |                              |                                |   |               | Number of Defects         | 3                   |               |          |     |  |  |  |  |  |  |
|  |   |                    |                              |                                |   |               | Recommended Finding?      | No                  |               |          |     |  |  |  |  |  |  |
|  |   |                    |                              |                                |   |               | Remedial Action Required? | Yes                 |               |          |     |  |  |  |  |  |  |
|  |   |                    |                              |                                |   |               | Recommended Reinspection? | Yes                 |               |          |     |  |  |  |  |  |  |
| Remedial Action                          | <p>To achieve compliance with WMATA requirements:</p> <ul style="list-style-type: none"> <li>WMATA must repair the non-working ETS light at B2 171+85.</li> <li>WMATA must mitigate exposed wires between B2 180+00 and 185+30.</li> <li>WMATA must tighten the loose switch rods at B1 174+90 switch 1A.</li> </ul>  |                    |                              |                                |   |               |                           |                     |               |          |     |  |  |  |  |  |  |



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180911-WMATA-WP-1 |                 |              |
|  | 2018   | 09 | 11         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority |    |            | Rail Agency Department | TRPM                | Sub- Department |              |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | Branch Avenue Yard (F99)                       |    |            |                        |                     |                 |              |

## Inspection Summary

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

## Activity Summaries

|  |                 |                    |                |     |                                |                     |                     |                          |               |                          |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|---------------------|---------------------|--------------------------|---------------|--------------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                | Job Safety Briefing |                     |                          | Activity Code |                          | TP            | JSB | OBS |
| Job Briefing Employee Name/Title         | Power unit 1199 |                    |                |     | Accompanied Inspector?         | Yes                 | Out Brief Conducted | Yes                      | Time          | 0900-1400                | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     | Related CAPS / Findings        |                     |                     | N/A                      |               |                          |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                     |                     | Other / Title            |               | Checklist Reference      |               |     |     |
|  | RWPM            |                    | R-17-02        |     |                                |                     |                     |                          |               |                          |               |     |     |
|  | MSRPH           |                    | R-17-03        |     |                                |                     |                     |                          |               |                          |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office          | Track Type          | At-grade                 | Tunnel        | Elevated                 | N/A           |     |     |
|  |                 | X                  |                |     |                                |                     |                     | X                        |               |                          |               |     |     |
| Line(s)                                  | F-Line          |                    | Track Number   | N/A | Chain Marker and/or Station(s) |                     |                     | From                     |               | To                       |               |     |     |
|  |                 |                    |                |     |                                |                     |                     | Branch Avenue Yard (F99) |               | Branch Avenue Yard (F99) |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      |                     |                     | N/A                      |               |                          |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                     |                     |                          |               |                          |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |                                   |  |      |  |
|--|--|-----------------------------------|--|------|--|
| Inspector in Charge - Signature              |  | WINSLOW L. POWELL                 |  | Date | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 12:50:12 -04'00' |
| Inspector in Charge - Name<br>Winslow Powell |  | Inspection Team<br>Alexander Nepa |  |      |  |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                 |   |                           |    |
|-----------------|---|---------------------------|----|
| Description     | FWSO inspector received a job safety briefing from the roadway worker in charge (RWIC) at Branch Avenue Yard (F99) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspector did not note any defects.</b> | Number of Defects         | 0  |
|                 |   | Recommended Finding?      | No |
|                 |   | Remedial Action Required? | No |
|                 |   | Recommended Reinspection? | No |
| Remedial Action | N/A   |                           |    |

|  |   |                    |   |                                |                          |               |                           |                          |               |          |     |
|--|---|--------------------|---|--------------------------------|--------------------------|---------------|---------------------------|--------------------------|---------------|----------|-----|
| Inspection Activity #                    | 2   | Inspection Subject | Third Rail and Cable Inspection Observation |                                |                          |               | Activity Code             | TP                       | WI            | OBS      |     |
| Job Briefing Employee Name/Title         | Power unit 1199   |                    | Accompanied Inspector?                      | Yes                            | Out Brief Conducted      | Yes           | Time                      | 0900-1400                | Outside Shift | No       |     |
| Related Reports                          | Safety Directive 17-1   |                    | Related CAPS / Findings                     |                                | FTA-TPE-17-021-A         |               |                           |                          |               |          |     |
| Related Rules, SOPs, Standards, or Other | Ref   | Rule or SOP        |   | Standard                       |                          | Other / Title |                           | Checklist Reference      |               |          |     |
|  | TRST 1000   |                    |   |                                |                          |               |                           |                          |               |          |     |
|  | EMI 220272  |                    |   |                                |                          |               |                           |                          |               |          |     |
| Inspection Location                      | Main Track  | Yard               | Station                                     | OCC                            | RTA Facility             | FTA Office    | Track Type                | At-grade                 | Tunnel        | Elevated | N/A |
|  |   | X                  |   |                                |                          |               |                           | X                        |               |          |     |
| Line(s)                                  | F-Line  | Track Number       | Yard Tracks                                 | Chain Marker and/or Station(s) | From                     |               |                           | To                       |               |          |     |
|  |   |                    |   |                                | Branch Avenue Yard (F99) |               |                           | Branch Avenue Yard (F99) |               |          |     |
| Vehicles                                 | Head Car Number   |                    | Number of Cars                              |                                | Equipment                | N/A           |                           |                          |               |          |     |
|  | N/A   |                    | N/A   |                                |                          |               |                           |                          |               |          |     |
| Description                              | FWSO inspector observed WMATA power employees perform a power cable inspection of the yard tracks (YCR) in Branch Avenue yard (F99). Inspectors also inspected third rail and track conditions.<br><br><b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"><li>• <b>EMI 220272:</b> Third rail power cable was observed contacting the ground at YRC 37, disconnect number 12.</li><li>• <b>EMI 220272:</b> Third rail power cable was observed contacting the concrete slab at YRC 39, disconnect number 11.</li><li>• <b>EMI 220272:</b> At YRC 45, third rail power disconnect number 2 was observed without a cover and partially filled with water. See Figure 1 below.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YCR 50 at switch number 125. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>TRST 1000, 13.3.7:</b> At YRC 50, switch number 125, the third rail end approach was unsecured for 38-inches.</li><li>• <b>TRST 1000, 13.3.13:</b> At YRC 24 a broken third rail anchor was observed.</li></ul> |                    |   |                                |                          |               | Number of Defects         | 6                        |               |          |     |
|  |   |                    |   |                                |                          |               | Recommended Finding?      | No                       |               |          |     |
|  |   |                    |   |                                |                          |               | Remedial Action Required? | No                       |               |          |     |
|  |   |                    |   |                                |                          |               | Recommended Reinspection? | Yes                      |               |          |     |
| Remedial Action                          | To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"><li>• WMATA must elevate the third rail power cable from contacting the ground at YRC 37 disconnect number 12.</li><li>• WMATA must elevate the third rail power cable from contacting the concrete slab at YRC 39 disconnect number 11.</li><li>• WMATA must replace the cover and drain the water from disconnect number 2 at YRC 45.</li><li>• WMATA must secure the end of the approach third rail at YRC 50, switch number 125.</li><li>• WMATA must repair the third rail anchor at YRC 24.</li></ul>  |                    |   |                                |                          |               |                           |                          |               |          |     |



Photo:



**Figure 1:** Disconnect box number 2 at YRC 45.



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

|  |   |    |            |                        |                     |                 |              |
|--|---|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY  | MM | DD         | Report Number          | 20180911-WMATA-WP-2 |                 |              |
|  | 2018  | 09 | 11         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority  |    |            | Rail Agency Department | ATC                 | Sub- Department |              |
| Rail Agency Department Contact Information | Name  |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | E-Line, Columbia Heights (E04) Train Control Room (TCR) 109 and CM E1 150+00 to CM E1 95+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           | 2         |   |   |   |   |
| Recommended Finding                   | No          | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No        |   |   |   |   |
| Recommended Reinspection              | No          | Yes       |   |   |   |   |

**Activity Summaries**

|  |                 |                    |                |     |                                |                         |                        |                     |                        |               |              |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|-------------------------|------------------------|---------------------|------------------------|---------------|--------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                |                         | Job Safety Briefing    |                     |                        | Activity Code |              | ATC           | JSB | OBS |
| Job Briefing Employee Name/Title         | ATC # 2343      |                    |                |     |                                | Accompanied Inspector?  | Yes                    | Out Brief Conducted | Yes                    | Time          | 1800 to 2300 | Outside Shift | Yes |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                        | N/A                 |                        |               |              |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                         | Other / Title          |                     | Checklist Reference    |               |              |               |     |     |
|  | MSRPH           |                    |                |     |                                |                         |                        |                     |                        |               |              |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type             | At-grade            | Tunnel                 | Elevated      | N/A          |               |     |     |
|  |                 |                    | X              |     |                                |                         |                        |                     | X                      |               |              |               |     |     |
| Line(s)                                  | E-Line          |                    | Track Number   | N/A | Chain Marker and/or Station(s) |                         | From                   |                     | To                     |               |              |               |     |     |
|  |                 |                    |                |     |                                |                         | Columbia Heights (E04) |                     | Columbia Heights (E04) |               |              |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      | N/A                     |                        |                     |                        |               |              |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                        |                     |                        |               |              |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |   |  |      |  |
|--|--|---|--|------|--|
| Inspector in Charge - Signature              |  | WINSLOW L. POWELL                             |  | Date | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 13:19:39 -04'00' |
| Inspector in Charge - Name<br>Winslow Powell |  | Inspection Team<br>Lee Emard and Robert Adams |  |      |  |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                 |   |                           |    |
|-----------------|---|---------------------------|----|
| Description     | FWSO inspectors received a job safety briefing from the WMATA ATC # 2343. All personal protective equipment (PPE) and roadway worker protection (RWP) IDs were checked. WMATA ATC personnel covered the nearest hospital and safety rule of the day. The potential safety hazards were discussed.<br><br><b>The FWSO inspectors did not note any defects.</b> | Number of Defects         | 0  |
|                 |   | Recommended Finding?      | No |
|                 |   | Remedial Action Required? | No |
|                 |   | Recommended Reinspection? | No |
| Remedial Action | N/A   |                           |    |

|  |   |                    |   |                                |   |                     |                           |  |              |               |     |  |  |  |  |  |
|--|---|--------------------|---|--------------------------------|---|---------------------|---------------------------|--|--------------|---------------|-----|--|--|--|--|--|
| Inspection Activity #                    | 2   | Inspection Subject | ATC Track Circuit Shunt Verification Inspection |                                |   |                     | Activity Code             | ATC                                    | RM           | PI            |     |  |  |  |  |  |
| Job Briefing Employee Name/Title         | ATC # 2343  |                    |   | Accompanied Inspector?         | Yes                                     | Out Brief Conducted | Yes                       | Time                                   | 1800 to 2300 | Outside Shift | No  |  |  |  |  |  |
| Related Reports                          | Safety Directive 17-1   |                    |   | Related CAPS / Findings        | CAP: FTA-TPE-17-021-A                   |                     |                           |  |              |               |     |  |  |  |  |  |
| Related Rules, SOPs, Standards, or Other | Ref   | Rule or SOP        |   | Standard                       |   | Other / Title       |                           | Checklist Reference                    |              |               |     |  |  |  |  |  |
|  | ATC 1000 - 1012C TRACK CIRCUIT SHUNT VERIFICATION TEST (REVISION 3, JANUARY, 2016)  |                    |   |                                |   |                     |                           |  |              |               |     |  |  |  |  |  |
|  | ATC 1000 - 1012D AF TRACK CIRCUIT RECEIVER OUTPUT TEST (UNINTENDED SIGNAL) (REVISION 3, JANUARY, 2016)  |                    |   |                                |   |                     |                           |  |              |               |     |  |  |  |  |  |
|  | TRST 1000   |                    |   |                                |   |                     |                           |  |              |               |     |  |  |  |  |  |
| Inspection Location                      | Main Track  | Yard               | Station   | OCC                            | RTA Facility                            | FTA Office          | Track Type                | At-grade                               | Tunnel       | Elevated      | N/A |  |  |  |  |  |
|  | X   |                    | X   |                                |   |                     |                           |  | X            |               |     |  |  |  |  |  |
| Line(s)                                  | E-Line  | Track Number       | Track 1   | Chain Marker and/or Station(s) | From                                    |                     |                           | To                                     |              |               |     |  |  |  |  |  |
|  |   |                    |   |                                | Columbia Heights (E04) TCR CM E1 150+00 |                     |                           | Columbia Heights (E04) TCR CM E1 95+00 |              |               |     |  |  |  |  |  |
| Vehicles                                 | Head Car Number   |                    | Number of Cars                                  |                                | Equipment                               | N/A                 |                           |  |              |               |     |  |  |  |  |  |
|  | N/A   |                    | N/A   |                                |   |                     |                           |  |              |               |     |  |  |  |  |  |
| Description                              | The FWSO inspectors observed WMATA ATC personnel perform track circuit shunt verification and unintended signal tests in accordance with the ATC 1000 manual - 1012C test and ATC 1000 manual - 1012D test respectively. One FWSO inspector was stationed at Columbia Heights (E04) TCR Room and the other inspector was wayside on mainline track. The track circuit shunt verification and unintended signal tests were done for 17 track circuits located wayside between CM E1 150+00 and CM E1 95+00.<br><br><b>The following non-color-coded defects were noted:</b> <ul style="list-style-type: none"> <li><b>TRST 1000 Manual, 13.5.7:</b> Third rail end approach was observed missing cover board at CM E1 133+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000 Manual, 13.5.7:</b> Third rail end approach was observed missing cover board at CM E1 131+00. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul> |                    |   |                                |   |                     | Number of Defects         | 2                                      |              |               |     |  |  |  |  |  |
|  |   |                    |   |                                |   |                     | Recommended Finding?      | No                                     |              |               |     |  |  |  |  |  |
|  |   |                    |   |                                |   |                     | Remedial Action Required? | No                                     |              |               |     |  |  |  |  |  |
|  |   |                    |   |                                |   |                     | Recommended Reinspection? | Yes                                    |              |               |     |  |  |  |  |  |
| Remedial Action                          | N/A   |                    |   |                                |   |                     |                           |  |              |               |     |  |  |  |  |  |



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180912-WMATA-WP-1 |                 |              |
|  | 2018   | 09 | 12         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority |    |            | Rail Agency Department | TRPM                | Sub- Department |              |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | Shady Grove Yard (A99)                         |    |            |                        |                     |                 |              |

**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          | 24        |   |   |   |   |
| Recommended Finding                   | No         | No        |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No         | Yes       |   |   |   |   |
| Recommended Reinspection              | No         | Yes       |   |   |   |   |

**Activity Summaries**

|  |                 |                    |                |     |                                |                         |                        |                     |                        |               |                     |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|-------------------------|------------------------|---------------------|------------------------|---------------|---------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                |                         | Job Safety Briefing    |                     |                        | Activity Code |                     | TP            | JSB | OBS |
| Job Briefing Employee Name/Title         | WMATA RWIC 1199 |                    |                |     |                                | Accompanied Inspector?  | Yes                    | Out Brief Conducted | Yes                    | Time          | 0900-1400           | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                        |                     | N/A                    |               |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     |                                | Standard                |                        |                     | Other / Title          |               | Checklist Reference |               |     |     |
|  | RWPM            |                    | R-17-02        |     |                                |                         |                        |                     |                        |               |                     |               |     |     |
|  | MSRPH           |                    | R-17-03        |     |                                |                         |                        |                     |                        |               |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type             | At-grade            | Tunnel                 | Elevated      | N/A                 |               |     |     |
|  |                 | X                  |                |     |                                |                         |                        | X                   |                        |               |                     |               |     |     |
| Line(s)                                  | A-Line          | Track Number       | N/A            |     | Chain Marker and/or Station(s) |                         | From                   |                     | To                     |               |                     |               |     |     |
|  |                 |                    |                |     |                                |                         | Shady Grove Yard (A99) |                     | Shady Grove Yard (A99) |               |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     |                                | Equipment               | N/A                    |                     |                        |               |                     |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                        |                     |                        |               |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |                                   |  |      |  |
|--|--|-----------------------------------|--|------|--|
| Inspector in Charge - Signature              |  | WINSLOW L. POWELL                 |  | Date | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 14:11:56 -04'00' |
| Inspector in Charge - Name<br>Winslow Powell |  | Inspection Team<br>Alexander Nepa |  |      |  |





United States Department of Transportation  
Federal Transit Administration

|                        |   |                                  |    |
|------------------------|---|----------------------------------|----|
| <b>Description</b>     | FWSO inspector received a job safety briefing from the roadway worker in charge (RWIC) at Shady Grove Yard (A99) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspector did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |   | <b>Recommended Finding?</b>      | No |
|                        |   | <b>Remedial Action Required?</b> | No |
|                        |   | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A   |                                  |    |

|   |   |                           |   |                                       |                            |                      |                                  |                                  |                      |                 |            |
|---|---|---------------------------|---|---------------------------------------|----------------------------|----------------------|----------------------------------|----------------------------------|----------------------|-----------------|------------|
| <b>Inspection Activity #</b>                    | 2   | <b>Inspection Subject</b> | Third Rail and Cable Inspection Observation |                                       |                            |                      | <b>Activity Code</b>             | TP                               | WI                   | OBS             |            |
| <b>Job Briefing Employee Name/Title</b>         | WMATA RWIC 1199   |                           | <b>Accompanied Inspector?</b>               | Yes                                   | <b>Out Brief Conducted</b> | Yes                  | <b>Time</b>                      | 0900-1400                        | <b>Outside Shift</b> | No              |            |
| <b>Related Reports</b>                          | Safety Directive 17-1   |                           | <b>Related CAPS / Findings</b>              | FTA-TPE-17-021-A                      |                            |                      |                                  |                                  |                      |                 |            |
| <b>Related Rules, SOPs, Standards, or Other</b> | <b>Ref</b>  | <b>Rule or SOP</b>        |   | <b>Standard</b>                       |                            | <b>Other / Title</b> |                                  | <b>Checklist Reference</b>       |                      |                 |            |
|   | DD-TP-SSI-013   |                           |   |                                       |                            |                      |                                  |                                  |                      |                 |            |
|   | TRST 1000   |                           |   |                                       |                            |                      |                                  |                                  |                      |                 |            |
|   | EMI 220272  |                           |   |                                       |                            |                      |                                  |                                  |                      |                 |            |
| <b>Inspection Location</b>                      | <b>Main Track</b>   | <b>Yard</b>               | <b>Station</b>                              | <b>OCC</b>                            | <b>RTA Facility</b>        | <b>FTA Office</b>    | <b>Track Type</b>                | <b>At-grade</b>                  | <b>Tunnel</b>        | <b>Elevated</b> | <b>N/A</b> |
|   |   | X                         |   |                                       |                            |                      |                                  | X                                |                      |                 |            |
| <b>Line(s)</b>                                  | A-Line  | <b>Track Number</b>       | Yard Tracks (YRC)                           | <b>Chain Marker and/or Station(s)</b> | <b>From</b>                |                      |                                  | <b>To</b>                        |                      |                 |            |
|   |   |                           |   |                                       | Shady Grove Yard (A99)     |                      |                                  | Shady Grove Yard (A99)           |                      |                 |            |
| <b>Vehicles</b>                                 | <b>Head Car Number</b>  |                           | <b>Number of Cars</b>                       |                                       | <b>Equipment</b>           | N/A                  |                                  |                                  |                      |                 |            |
|   | N/A   |                           | N/A   |                                       |                            |                      |                                  |                                  |                      |                 |            |
| <b>Description</b>                              | <p>FWSO inspector observed WMATA employees perform a cable inspection of the yard tracks (YRC). During the cable inspection, FWSO inspector also noted third rail and general track defects to be later verified upon planned equipment upgrades.</p> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 80 at the number 24 disconnect.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 79 at the number 22 disconnect.</li> <li><b>EMI 220272:</b> At YRC 79, third rail power disconnect box number 2 was observed to have a defective cover.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 77 at the number 21 disconnect.</li> <li><b>TRST 1000, 8.7.8 (a, &amp; c):</b> At YRC 76, excessive vegetation was observed. See Figure 1 below.</li> <li><b>EMI 220272:</b> Third rail power insulating cover was observed contacting the ground at YRC 71.</li> <li><b>EMI 220272:</b> A tear in the third rail power heat shrink tubing was observed at YRC 71.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 71.</li> <li><b>DD-TP-SSI-013:</b> A broken stub-up, heat shrink tubing was observed at YRC 71 at the A99-42 signal.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 71, at the A99-42 signal.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YRC 94. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 95.</li> </ul> |                           |   |                                       |                            |                      | <b>Number of Defects</b>         | 24                               |                      |                 |            |
|   |   |                           |   |                                       |                            |                      | <b>Recommended Finding?</b>      | No                               |                      |                 |            |
|   |   |                           |   |                                       |                            |                      | <b>Remedial Action Required?</b> | Yes                              |                      |                 |            |
|   |   |                           |   |                                       |                            |                      |                                  | <b>Recommended Reinspection?</b> | Yes                  |                 |            |



|                 |  |  |  |
|-----------------|--|--|--|
|                 | <ul style="list-style-type: none"><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YRC 49 at the number 53 switch. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>EMI 220272:</b> A third rail insulating cover was observed contacting the ground at YRC 94, near the A99-60 signal.</li><li>• <b>EMI 220272:</b> A nick was observed in the third rail power cable at YRC 94, near the A99-60 signal.</li><li>• <b>DD-TP-SSI-013:</b> A defective watertight sealing collar was observed at YRC 94, near the A99-60 signal.</li><li>• <b>EMI 220272:</b> A nick was observed in the third rail power cable at YRC 66.</li><li>• <b>DD-TP-SSI-013:</b> A defective watertight sealing collar was observed at YRC 66.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YRC 64 near the A99-52 signal. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>DD-TP-SSI-013:</b> A defective watertight sealing collar was observed at YRC 64.</li><li>• <b>TRST 1000, 13.5.7:</b> Third rail end approach was missing cover board at YRC 63 near the A99-74 (stinger rail). Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li><li>• <b>DD-TP-SSI-013:</b> A third rail power cable pigtail was observed contacting the ground at YRC 63, near the A99-74 signal.</li><li>• <b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 57.</li><li>• <b>DD-TP-SSI-013:</b> A defective watertight sealing collar was observed at YRC 58.</li></ul>   |  |  |
| Remedial Action | <p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"><li>• WMATA must repair the third rail power cables contacting the ground at YRC 80 at the number 24 disconnect.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 79 at the number 22 disconnect.</li><li>• WMATA must repair the defective cover at YRC 79, third rail power disconnect box number 2.</li><li>• WMATA must repair the third rail power cables at YRC 77 at the number 21 disconnect.</li><li>• WMATA must control the vegetation at YRC 76.</li><li>• WMATA must repair the third rail power insulating cover contacting the ground at YRC 71.</li><li>• WMATA must repair the tear in the third rail power heat shrink tubing at YRC 71.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 71.</li><li>• WMATA must repair the broken stub-up, heat shrink tubing at YRC 71 at the A99-42 signal.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 71, at the A99-42 signal.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 95.</li><li>• WMATA must repair the third rail insulating cover contacting the ground at YRC 94, near the A99-60 signal.</li><li>• WMATA must repair the nick in the third rail power cable at YRC 94, near the A99-60 signal.</li><li>• WMATA must repair the defective watertight sealing collar at YRC 94, near the A99-60 signal.</li><li>• WMATA must repair the nick in the third rail power cable at YRC 66.</li><li>• WMATA must repair the defective watertight sealing collar at YRC 66.</li><li>• WMATA must repair the defective watertight sealing collar at YRC 64.</li><li>• WMATA must repair the third rail power cable pigtail contacting the ground at YRC 63, near the A99-74 signal.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 57.</li><li>• WMATA must repair the defective watertight sealing collar at YRC 58.</li></ul> |  |  |



Photo:



Figure 1: Overgrown vegetation at YRC 76.



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180913-WMATA-WP-1 |                 |              |
|  | 2018   | 09 | 13         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority |    |            | Rail Agency Department | TRPM                | Sub- Department |              |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | Shady Grove Yard (A99)                         |    |            |                        |                     |                 |              |

**Inspection Summary**

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

**Activity Summaries**

|  |                 |                    |                |     |                                |                     |                        |               |                        |                     |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|---------------------|------------------------|---------------|------------------------|---------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                | Job Safety Briefing |                        |               | Activity Code          |                     | TP            | JSB | OBS |
| Job Briefing Employee Name/Title         | WMATA RWIC 1199 |                    |                |     | Accompanied Inspector?         | Yes                 | Out Brief Conducted    | Yes           | Time                   | 0900-1300           | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     | Related CAPS / Findings        |                     |                        | N/A           |                        |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                     |                        | Other / Title |                        | Checklist Reference |               |     |     |
|  | RWPM            |                    | R-17-02        |     |                                |                     |                        |               |                        |                     |               |     |     |
|  | MSRPH           |                    | R-17-03        |     |                                |                     |                        |               |                        |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office          | Track Type             | At-grade      | Tunnel                 | Elevated            | N/A           |     |     |
|  |                 | X                  |                |     |                                |                     |                        | X             |                        |                     |               |     |     |
| Line(s)                                  | A-Line          | Track Number       | N/A            |     | Chain Marker and/or Station(s) |                     | From                   |               | To                     |                     |               |     |     |
|  |                 |                    |                |     |                                |                     | Shady Grove Yard (A99) |               | Shady Grove Yard (A99) |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      |                     | N/A                    |               |                        |                     |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                     |                        |               |                        |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |                                   |  |      |  |
|--|--|-----------------------------------|--|------|--|
| Inspector in Charge - Signature              |  | WINSLOW L. POWELL                 |  | Date | Digitally signed by WINSLOW L. POWELL<br>Date: 2018.09.17 14:18:24 -04'00' |
| Inspector in Charge - Name<br>Winslow Powell |  | Inspection Team<br>Alexander Nepa |  |      |  |



United States Department of Transportation  
Federal Transit Administration

|                        |   |                                  |    |
|------------------------|---|----------------------------------|----|
| <b>Description</b>     | FWSO inspector received a job safety briefing from the roadway worker in charge (RWIC) at Shady Grove Yard (A99) prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspector did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |   | <b>Recommended Finding?</b>      | No |
|                        |   | <b>Remedial Action Required?</b> | No |
|                        |   | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A   |                                  |    |

|   |   |                           |   |                                       |                            |            |                        |                                  |                        |          |     |
|---|---|---------------------------|---|---------------------------------------|----------------------------|------------|------------------------|----------------------------------|------------------------|----------|-----|
| <b>Inspection Activity #</b>                    | 2   | <b>Inspection Subject</b> | Third Rail and Cable Inspection Observation |                                       |                            |            |                        | <b>Activity Code</b>             | TP                     | WI       | OBS |
| <b>Job Briefing Employee Name/Title</b>         | WMATA RWIC 1199   |                           | <b>Accompanied Inspector?</b>               | Yes                                   | <b>Out Brief Conducted</b> | Yes        | <b>Time</b>            | 0900-1300                        | <b>Outside Shift</b>   | No       |     |
| <b>Related Reports</b>                          | Safety Directive 17-1   |                           | <b>Related CAPS / Findings</b>              | FTA-TPE-17-021-A                      |                            |            |                        |                                  |                        |          |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | <b>Ref</b>  | <b>Rule or SOP</b>        | <b>Standard</b>                             |                                       | <b>Other / Title</b>       |            |                        | <b>Checklist Reference</b>       |                        |          |     |
|   | DD-TP-SSI-013   |                           |   |                                       |                            |            |                        |                                  |                        |          |     |
|   | TRST 1000   |                           |   |                                       |                            |            |                        |                                  |                        |          |     |
|   | EMI 220272  |                           |   |                                       |                            |            |                        |                                  |                        |          |     |
| <b>Inspection Location</b>                      | Main Track  | Yard                      | Station                                     | OCC                                   | RTA Facility               | FTA Office | <b>Track Type</b>      | At-grade                         | Tunnel                 | Elevated | N/A |
|   |   | X                         |   |                                       |                            |            |                        | X                                |                        |          |     |
| <b>Line(s)</b>                                  | A-Line  | <b>Track Number</b>       | Yard Tracks                                 | <b>Chain Marker and/or Station(s)</b> |                            |            | <b>From</b>            |                                  | <b>To</b>              |          |     |
|   |   |                           |   |                                       |                            |            | Shady Grove Yard (A99) |                                  | Shady Grove Yard (A99) |          |     |
| <b>Vehicles</b>                                 | <b>Head Car Number</b>  |                           | <b>Number of Cars</b>                       |                                       | <b>Equipment</b>           |            | N/A                    |                                  |                        |          |     |
|   | N/A   |                           | N/A   |                                       |                            |            |                        |                                  |                        |          |     |
| <b>Description</b>                              | <p>FWSO inspector observed WMATA employees perform a cable inspection of the yard tracks. During the cable inspection, FWSO inspector also noted third rail and general track defects to be later verified upon planned equipment upgrades.</p> <p><b>The following color-coded defect was observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 9.3, Figure 9-11, Table 9-2:</b> At the number 71 switch, the switch point house top (switch point guard rail) was missing several bolts, which allowed over four-inches of vertical dynamic deflection in the top house. This defect was immediately corrected by WMATA maintenance crews. <b>Black condition.</b></li> </ul> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 33 at the number 10 switch disconnect.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 43.</li> <li><b>DD-TP-SSI-013:</b> Defective watertight sealing collars were observed at both ends of YRC 43.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 55.</li> <li><b>DD-TP-SSI-013:</b> Defective watertight sealing collars were observed at YRC 55.</li> <li><b>EMI 220272:</b> Two third rail power cables were observed contacting the ground at YRC 47.</li> <li><b>DD-TP-SSI-013:</b> Defective watertight sealing collars were observed at YRC 47.</li> <li><b>EMI 220272:</b> Third rail power cables were observed contacting the ground at YRC 30.</li> <li><b>DD-TP-SSI-013:</b> Defective watertight sealing collars were observed at YRC 30.</li> <li><b>TRST 1000, 13.5.7:</b> Third rail end approach was missing the cover board at YRC 30. Remedial action for this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> </ul> |                           |   |                                       |                            |            |                        | <b>Number of Defects</b>         | 11                     |          |     |
|   |   |                           |   |                                       |                            |            |                        | <b>Recommended Finding?</b>      | No                     |          |     |
|   |   |                           |   |                                       |                            |            |                        | <b>Remedial Action Required?</b> | Yes                    |          |     |
|   |   |                           |   |                                       |                            |            |                        | <b>Recommended Reinspection?</b> | Yes                    |          |     |



|                        |   |
|------------------------|---|
| <b>Remedial Action</b> | <p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"><li>• WMATA must repair the third rail power cables contacting the ground at YRC 33 at the number 10 disconnect.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 43.</li><li>• WMATA must repair the water tight sealing collars at both ends of YRC 43.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 55.</li><li>• WMATA must repair the water tight sealing collars at YRC 55.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 47.</li><li>• WMATA must repair the water tight sealing collars at YRC 47.</li><li>• WMATA must repair the third rail power cables contacting the ground at YRC 30.</li><li>• WMATA must repair the water tight sealing collars at YRC 30.</li></ul> |
|------------------------|---|



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180915-WMATA-TW-1 |                 |              |
|  | 2018   | 09 | 15         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority                           |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | A-Line, Tracks 1 and 2, Grosvenor-Strathmore (A11) and White Flint (A12) |    |            |                        |                     |                 |              |

## 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           | 4          |   |   |   |   |
| Recommended Finding                   | No          | No         |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | Yes        |   |   |   |   |
| Recommended Reinspection              | No          | Yes        |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |     |                                |                         |                     |                            |               |                            |                     |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|-------------------------|---------------------|----------------------------|---------------|----------------------------|---------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                |                         | Job Safety Briefing |                            |               | Activity Code              |                     | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 6028       |                    |                |     |                                | Accompanied Inspector?  | Yes                 | Out Brief Conducted        | Yes           | Time                       | 0800-1330           | Outside Shift | Yes |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                     |                            | N/A           |                            |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     |                                | Standard                |                     |                            | Other / Title |                            | Checklist Reference |               |     |     |
|  | RWPM            |                    |                |     |                                |                         |                     |                            |               |                            |                     |               |     |     |
|  |                 |                    |                |     |                                |                         |                     |                            |               |                            |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type          | At-grade                   | Tunnel        | Elevated                   | N/A                 |               |     |     |
|  |                 |                    | X              |     |                                |                         |                     | X                          |               |                            |                     |               |     |     |
| Line(s)                                  | A-Line          |                    | Track Number   | N/A | Chain Marker and/or Station(s) |                         |                     | From                       |               | To                         |                     |               |     |     |
|  |                 |                    |                |     |                                |                         |                     | Grosvenor-Strathmore (A11) |               | Grosvenor-Strathmore (A11) |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     |                                | Equipment               | N/A                 |                            |               |                            |                     |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                     |                            |               |                            |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |                                   |  |   |  |
|--|--|-----------------------------------|--|---|--|
| Inspector in Charge - Signature                |  | TERRELL A WILLIAMS                |  | Date: 2018.09.21 10:02:28<br>Digitally signed by TERRELL A WILLIAMS<br>DN: cn=TERRELL A WILLIAMS, o=FTA, ou=FTA, email=terrell.a.williams@FTA.DOT.GOV |  |
| Inspector in Charge - Name<br>Terrell Williams |  | Inspection Team<br>Alexander Nepa |  |   |  |





United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                        |   |                                  |    |
|------------------------|---|----------------------------------|----|
| <b>Description</b>     | FWSO inspectors received a job safety briefing from TRST 6028 at Grosvenor-Strathmore (A11) station briefing table prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspector did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |   | <b>Recommended Finding?</b>      | No |
|                        |   | <b>Remedial Action Required?</b> | No |
|                        |   | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A   |                                  |    |

|   |   |                           |                                |                                       |  |               |                                  |                      |                      |          |     |
|---|---|---------------------------|--------------------------------|---------------------------------------|--|---------------|----------------------------------|----------------------|----------------------|----------|-----|
| <b>Inspection Activity #</b>                    | 2   | <b>Inspection Subject</b> | Work Zone Observation          |                                       |  |               |                                  | <b>Activity Code</b> | TRK                  | WI       | OBS |
| <b>Job Briefing Employee Name/Title</b>         | TRST 621  |                           | <b>Accompanied Inspector?</b>  | Yes                                   | <b>Out Brief Conducted</b>                                       | Yes           | <b>Time</b>                      | 0800-1330            | <b>Outside Shift</b> | Yes      |     |
| <b>Related Reports</b>                          | Safety Directives 16-4, 17-1  |                           | <b>Related CAPS / Findings</b> |                                       | CAPs: FTA-TPE-17-021-A, FTA-16-4-T-9<br>Remedial Action ID: 3050 |               |                                  |                      |                      |          |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | Ref   | Rule or SOP               |                                | Standard                              |  | Other / Title |                                  | Checklist Reference  |                      |          |     |
|   | TRST 1000   |                           |                                |                                       |  |               |                                  |                      |                      |          |     |
|   |   |                           |                                |                                       |  |               |                                  |                      |                      |          |     |
| <b>Inspection Location</b>                      | Main Track  | Yard                      | Station                        | OCC                                   | RTA Facility   | FTA Office    | <b>Track Type</b>                | At-grade             | Tunnel               | Elevated | N/A |
|   | X   |                           |                                |                                       |  |               |                                  | X                    | X                    | X        |     |
| <b>Line(s)</b>                                  | A-Line  | <b>Track Number</b>       | Tracks 1 and 2                 | <b>Chain Marker and/or Station(s)</b> | From   |               |                                  | To                   |                      |          |     |
|   |   |                           |                                |                                       | Medical Center (A10)   |               |                                  | White Flint (A12)    |                      |          |     |
| <b>Vehicles</b>                                 | Head Car Number   |                           | Number of Cars                 |                                       | <b>Equipment</b>   | N/A           |                                  |                      |                      |          |     |
|   | N/A   |                           | N/A                            |                                       |  |               |                                  |                      |                      |          |     |
| <b>Description</b>                              | <p>FWSO inspector performed a work zone set-up verification between Medical Center (A10) and White Flint (A12), tracks one and two. Inspector also observed track conditions, rail destressing, fastener renewal and third rail power cable and apparatus renewal in these locations. The working limits observed at A1 and A2 486+45, 668+00 were identified correctly and complied with all WMATA RWPM requirements. The fastener renewal and rail destressing observed appeared to be consistent with all WMATA TRST standards. The third rail power cable and apparatus renewal appeared to be consistent with WMATA's standards outlined in DD-TP-SSI-013 and EMI 220273.</p> <p><b>The FWSO inspector noted the following non-color-coded defects:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000,3.1.2.2:</b> At A1 499+00 the center drain in the floating slab was blocked, and this condition allowed the water to back up and flow to the next point of exit. Remedial action to this defect is addressed by WMATA's approach to FTA-16-4-T-9.</li> <li><b>TRST 1000, 13.5.7:</b> At A1 657+80 the third rail end approach was missing the coverboard. Remedial action to this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> At A2 486+30 the third rail end approach was missing the coverboard. Remedial action to this defect is addressed by WMATA's approach to FTA-TPE-17-021-A.</li> <li>Several WMATA employees observed in the work zone were not wearing the required PPE (hard-hats and safety glasses). This was immediately addressed by the compliance officers. Remedial action for this defect is addressed in WMATA's approach to remedial action ID #3050.</li> </ul> |                           |                                |                                       |  |               | <b>Number of Defects</b>         | 4                    |                      |          |     |
|   |   |                           |                                |                                       |  |               | <b>Recommended Finding?</b>      | No                   |                      |          |     |
|   |   |                           |                                |                                       |  |               | <b>Remedial Action Required?</b> | Yes                  |                      |          |     |
|   |   |                           |                                |                                       |  |               | <b>Recommended Reinspection?</b> | Yes                  |                      |          |     |
| <b>Remedial Action</b>                          | N/A   |                           |                                |                                       |  |               |                                  |                      |                      |          |     |





# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180918-WMATA-TW-1 |                 |              |
|  | 2018   | 09 | 18         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | Metro Center (A01) to Stadium Armory (D08)     |    |            |                        |                     |                 |              |

## Inspection Summary

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

## Activity Summaries

| Inspection Activity #                    | 1               | Inspection Subject |                |         |                                |                         | Station Platform and Track Observation |                     |                                     | Activity Code        |                     | TRK           | JSB | OBS |
|--|-----------------|--------------------|----------------|---------|--------------------------------|-------------------------|--|---------------------|-------------------------------------|----------------------|---------------------|---------------|-----|-----|
| Job Briefing Employee Name/Title         | N/A             |                    |                |         |                                | Accompanied Inspector?  | N/A                                    | Out Brief Conducted | N/A                                 | Time                 | 0930-1300           | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |         |                                | Related CAPS / Findings |  |                     | CAP: TOC-EGR-15-005-A, FTA-16-4-T-9 |                      |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |         |                                | Standard                |  |                     | Other / Title                       |                      | Checklist Reference |               |     |     |
|  | RWPM            |                    | FTA-16-4-T-9   |         |                                |                         |  |                     |                                     |                      |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC     | RTA Facility                   | FTA Office              | Track Type                             | At-grade            | Tunnel                              | Elevated             | N/A                 |               |     |     |
|  |                 |                    | X              |         |                                |                         |  |                     | X                                   |                      |                     |               |     |     |
| Line(s)                                  | A and D-Lines   |                    | Track Number   | 1 and 2 | Chain Marker and/or Station(s) |                         |  | From                |                                     | To                   |                     |               |     |     |
|  |                 |                    |                |         |                                |                         |  | Metro Center (A01)  |                                     | Stadium Armory (D08) |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |         |                                | Equipment               | N/A                                    |                     |                                     |                      |                     |               |     |     |
|  | N/A             |                    | N/A            |         |                                |                         |  |                     |                                     |                      |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |                                   |                    |  |   |
|--|-----------------------------------|--------------------|--|---|
| Inspector in Charge - Signature                |                                   | TERRELL A WILLIAMS |  | Date<br>Digitally signed by TERRELL A WILLIAMS<br>Date: 2018.09.21 10:15:35 -04'00' |
| Inspector in Charge - Name<br>Terrell Williams | Inspection Team<br>Alexander Nepa |                    |  |   |



## Form -IR-1

United States Department of Transportation  
Federal Transit Administration

|                 |   |                           |    |
|-----------------|---|---------------------------|----|
| Description     | <p>FWSO inspector performed a station platform and track observation between Metro Center (A01) and Stadium Armory (D08).</p> <p><b>The FWSO inspector noted the following non-color-coded defects:</b></p> <ul style="list-style-type: none"><li>• <b>WMATA, TRST 3.1.2.7:</b> At the north end of L'Enfant Plaza platform at the passenger bench, a floor junction box without a cover was observed. Wires were exposed as a result of this condition. See Figure 1 below. Remedial action for this defect is addressed in WMATA's approach to TOC-EGR-15-005-A.</li><li>• <b>WMATA, TRST 3.1.2.2:</b> At Federal Center on track one, blocked center catch basins allowed water to pool in the scuppers and not drain as designed. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li><li>• <b>WMATA, TRST 3.1.2.2:</b> At Eastern Market on tracks one and two, blocked center catch basins allowed water to pool in the scuppers and not drain as designed. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li></ul> | Number of Defects         | 3  |
|                 |   | Recommended Finding?      | No |
|                 |   | Remedial Action Required? | No |
|                 |   | Recommended Reinspection? | No |
| Remedial Action | N/A   |                           |    |

### Photos:



Figures 1: Exposed wires at the north end of L'Enfant Plaza under the customer waiting bench.



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180918-WMATA-TW-2 |                 |              |
|  | 2018   | 09 | 18         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]                                     |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | Branch Ave Yard (F99)                          |    |            |                        |                     |                 |              |

## 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          | Yes       |   |   |   |   |
| Recommended Reinspection              | No          | Yes       |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |     |                                |                         |                     |                     |                 |               |                     |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|-------------------------|---------------------|---------------------|-----------------|---------------|---------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                |                         | Job Safety Briefing |                     |                 | Activity Code |                     | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 6164       |                    |                |     |                                | Accompanied Inspector?  | Yes                 | Out Brief Conducted | Yes             | Time          | 1000-1400           | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                     | N/A                 |                 |               |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     |                                | Standard                |                     |                     | Other / Title   |               | Checklist Reference |               |     |     |
|  | RWPM            |                    |                |     |                                |                         |                     |                     |                 |               |                     |               |     |     |
|  |                 |                    |                |     |                                |                         |                     |                     |                 |               |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type          | At-grade            | Tunnel          | Elevated      | N/A                 |               |     |     |
|  |                 |                    |                |     | X                              |                         |                     | X                   |                 |               |                     |               |     |     |
| Line(s)                                  | F-Line          | Track Number       | N/A            |     | Chain Marker and/or Station(s) |                         | From                |                     | To              |               |                     |               |     |     |
|  |                 |                    |                |     |                                |                         | Branch Ave Yard     |                     | Branch Ave Yard |               |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     |                                | Equipment               | N/A                 |                     |                 |               |                     |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                     |                     |                 |               |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |                              |                    |   |
|--|------------------------------|--------------------|---|
| Inspector in Charge - Signature                |                              | TERRELL A WILLIAMS | Date<br>Digitally signed by TERRELL A WILLIAMS<br>Date: 2018.09.27 11:05:58 -04'00' |
| Inspector in Charge - Name<br>Terrell Williams | Inspection Team<br>Lee Emard |                    |   |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|  |   |                    |                |                                |                       |                         |                       |                           |                       |                     |           |               |    |    |
|--|---|--------------------|----------------|--------------------------------|-----------------------|-------------------------|-----------------------|---------------------------|-----------------------|---------------------|-----------|---------------|----|----|
| Description                              | FWSO inspector received a job safety briefing from TRST 6164 at Branch Ave Yard prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspector did not note any defects.</b>  |                    |                |                                |                       |                         |                       | Number of Defects         |                       | 0                   |           |               |    |    |
|  |   |                    |                |                                |                       |                         |                       | Recommended Finding?      |                       | No                  |           |               |    |    |
|  |   |                    |                |                                |                       |                         |                       | Remedial Action Required? |                       | No                  |           |               |    |    |
|  |   |                    |                |                                |                       |                         |                       | Recommended Reinspection? |                       | No                  |           |               |    |    |
| Remedial Action                          |   | N/A                |                |                                |                       |                         |                       |                           |                       |                     |           |               |    |    |
| Inspection Activity #                    | 2   | Inspection Subject |                |                                |                       |                         | Third Rail Inspection |                           |                       | Activity Code       |           | TRK           | WI | PI |
| Job Briefing Employee Name/Title         | TRST 6164   |                    |                |                                |                       | Accompanied Inspector?  | Yes                   | Out Brief Conducted       | Yes                   | Time                | 1000-1400 | Outside Shift | No |    |
| Related Reports                          | N/A   |                    |                |                                |                       | Related CAPS / Findings |                       | FTA-TPE-17-021-a          |                       |                     |           |               |    |    |
| Related Rules, SOPs, Standards, or Other | Ref   |                    | Rule or SOP    |                                | Standard              |                         | Other / Title         |                           |                       | Checklist Reference |           |               |    |    |
|  | TRST-1000, rev. 6   |                    |                |                                |                       |                         |                       |                           |                       |                     |           |               |    |    |
|  |   |                    |                |                                |                       |                         |                       |                           |                       |                     |           |               |    |    |
| Inspection Location                      | Main Track  | Yard               | Station        | OCC                            | RTA Facility          | FTA Office              | Track Type            | At-grade                  | Tunnel                | Elevated            | N/A       |               |    |    |
|  |   | X                  |                |                                |                       |                         |                       | X                         |                       |                     |           |               |    |    |
| Line(s)                                  | F-Line  | Track Number       | Yard           | Chain Marker and/or Station(s) | From                  |                         |                       |                           | To                    |                     |           |               |    |    |
|  |   |                    |                |                                | Branch Ave Yard (F99) |                         |                       |                           | Branch Ave Yard (F99) |                     |           |               |    |    |
| Vehicles                                 | Head Car Number   |                    | Number of Cars |                                | Equipment             | N/A                     |                       |                           |                       |                     |           |               |    |    |
|  | N/A   |                    | N/A            |                                |                       |                         |                       |                           |                       |                     |           |               |    |    |
| Description                              | FWSO inspector performed a third rail inspection and remedial action verification on all tracks in Branch Ave Yard (F99). Inspector also inspected track conditions in the area.<br><br><b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li>• <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing on yard track YCR-4. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000 13.5.7:</b> Third rail end approach was missing coverboard on yard track YCR-5 switch 63. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000 13.5.4:</b> The third rail anchor was broken on yard track YCR-5.</li> <li>• <b>TRST 1000 13.5.4:</b> The third rail anchor was broken on yard north lead, track 2.</li> <li>• <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing on yard north lead, track 2, over expansion joint. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing on yard north lead, track 1, over expansion joint at CM F 1 13+00. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000 13.5.7:</b> Third rail end approach was missing coverboard on yard track YCR 13 at road crossing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing on yard track YCR-15. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing on yard track YCR-28. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li> <li>• <b>TRST 1000 13.5.7:</b> Third rail coverboard was missing on yard track YCR-56. Remedial action for this defect is addressed in WMATA's approach to</li> </ul> |                    |                |                                |                       |                         |                       | Number of Defects         |                       | 10                  |           |               |    |    |
|  |   |                    |                |                                |                       |                         |                       | Recommended Finding?      |                       | No                  |           |               |    |    |
|  |   |                    |                |                                |                       |                         |                       | Remedial Action Required? |                       | Yes                 |           |               |    |    |
|  |   |                    |                |                                |                       |                         |                       | Recommended Reinspection? |                       | Yes                 |           |               |    |    |



|                 |   |  |  |
|-----------------|---|--|--|
|                 | FTA-TPE-17-021-a.   |  |  |
| Remedial Action | To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"><li>• WMATA must replace third rail anchor on Yard track YCR-5.</li><li>• WMATA must replace third rail anchor on Yard lead track 2.</li></ul> |  |  |



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180919-WMATA-TW-1 |                 |              |
|  | 2018   | 09 | 19         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority                 |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | B-Line, Track 2, Union Station (B03) to NoMa-Gallaudet U (B35) |    |            |                        |                     |                 |              |

**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 Subject |                |                                |                     |                         | Job Safety Briefing |                     |               | Activity Code |                     | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 630        |                    |                |                                |                     | Accompanied Inspector?  | Yes                 | Out Brief Conducted | Yes           | Time          | 1000-1300           | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |                                |                     | Related CAPS / Findings |                     |                     | N/A           |               |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |                                |                     | Standard                |                     |                     | Other / Title |               | Checklist Reference |               |     |     |
|  | RWPM            |                    |                |                                |                     |                         |                     |                     |               |               |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC                            | RTA Facility        | FTA Office              | Track Type          | At-grade            | Tunnel        | Elevated      | N/A                 |               |     |     |
|  |                 |                    | X              |                                |                     |                         |                     |                     | X             |               |                     |               |     |     |
| Line(s)                                  | B-Line          | Track Number       | N/A            | Chain Marker and/or Station(s) | From                |                         |                     | To                  |               |               |                     |               |     |     |
|  |                 |                    |                |                                | Union Station (B03) |                         |                     | Union Station (B03) |               |               |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |                                | Equipment           | N/A                     |                     |                     |               |               |                     |               |     |     |
|  | N/A             |                    | N/A            |                                |                     |                         |                     |                     |               |               |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |                    |   |
|--|--|--------------------|---|
| Inspector in Charge - Signature                |  | TERRELL A WILLIAMS | Date<br>Digitally signed by TERRELL A WILLIAMS<br>Date: 2018.09.27 10:56:30 -04'00' |
| Inspector in Charge - Name<br>Terrell Williams | Inspection Team<br>Bob Adams, Alexander Nepa & Lee Emard |                    |   |



## United States Department of Transportation

|                        |   |                                  |    |
|------------------------|---|----------------------------------|----|
| <b>Description</b>     | FWSO inspectors received a job safety briefing from TRST 630 at Union Station (B03) platform prior to entering the roadway. The briefing covered the type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP).<br><br><b>The FWSO inspectors did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |   | <b>Recommended Finding?</b>      | No |
|                        |   | <b>Remedial Action Required?</b> | No |
|                        |   | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A   |                                  |    |

|   |   |                           |                                |                                       |                            |                      |                   |                                  |                      |                 |            |     |
|---|---|---------------------------|--------------------------------|---------------------------------------|----------------------------|----------------------|-------------------|----------------------------------|----------------------|-----------------|------------|-----|
| <b>Inspection Activity #</b>                    | 2   | <b>Inspection Subject</b> | Remedial Action Verification   |                                       |                            |                      |                   | <b>Activity Code</b>             |                      | TRK             | WI         | OBS |
| <b>Job Briefing Employee Name/Title</b>         | TRST 630  |                           | <b>Accompanied Inspector?</b>  | Yes                                   | <b>Out Brief Conducted</b> | Yes                  | <b>Time</b>       | 1000-1300                        | <b>Outside Shift</b> | No              |            |     |
| <b>Related Reports</b>                          | N/A   |                           | <b>Related CAPS / Findings</b> |                                       | CAP: FTA-16-4-T-9          |                      |                   |                                  |                      |                 |            |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | <b>Ref</b>  | <b>Rule or SOP</b>        |                                | <b>Standard</b>                       |                            | <b>Other / Title</b> |                   | <b>Checklist Reference</b>       |                      |                 |            |     |
|   | TRST 1000   |                           |                                |                                       |                            | FTA-16-4-T-9         |                   |                                  |                      |                 |            |     |
|   |   |                           |                                |                                       |                            |                      |                   |                                  |                      |                 |            |     |
| <b>Inspection Location</b>                      | <b>Main Track</b>   | <b>Yard</b>               | <b>Station</b>                 | <b>OCC</b>                            | <b>RTA Facility</b>        | <b>FTA Office</b>    | <b>Track Type</b> | <b>At-grade</b>                  | <b>Tunnel</b>        | <b>Elevated</b> | <b>N/A</b> |     |
|   | X   |                           |                                |                                       |                            |                      |                   | X                                | X                    |                 |            |     |
| <b>Line(s)</b>                                  | B-Line  | <b>Track Number</b>       | Track 2                        | <b>Chain Marker and/or Station(s)</b> | <b>From</b>                |                      |                   | <b>To</b>                        |                      |                 |            |     |
|   |   |                           |                                |                                       | Union Station (B03)        |                      |                   | NoMa-Gallaudet U (B35)           |                      |                 |            |     |
| <b>Vehicles</b>                                 | <b>Head Car Number</b>  |                           | <b>Number of Cars</b>          |                                       | <b>Equipment</b>           | N/A                  |                   |                                  |                      |                 |            |     |
|   | N/A   |                           | N/A                            |                                       |                            |                      |                   |                                  |                      |                 |            |     |
| <b>Description</b>                              | FWSO inspectors accompanied compliance personnel to observe a remedial action verification between Union Station (B03) and NoMa-Gallaudet U (B35) on track 2. Inspectors also observed general track conditions.<br><br><b>The following non-color-coded defect was observed:</b> <ul style="list-style-type: none"> <li><b>WMATA, TRST 3.1.2.2:</b> Between B2 73+70 and 73+80, insulating cement had fallen from the ceiling and was blocking the drainage scuppers. See Figure 1 below. Remedial action for this defect is addressed in WMATA's approach to FTA-16-4-T-9.</li> </ul> |                           |                                |                                       |                            |                      |                   | <b>Number of Defects</b>         | 1                    |                 |            |     |
|   |   |                           |                                |                                       |                            |                      |                   | <b>Recommended Finding?</b>      | No                   |                 |            |     |
|   |   |                           |                                |                                       |                            |                      |                   | <b>Remedial Action Required?</b> | Yes                  |                 |            |     |
|   |   |                           |                                |                                       |                            |                      |                   | <b>Recommended Reinspection?</b> | Yes                  |                 |            |     |
| <b>Remedial Action</b>                          | N/A   |                           |                                |                                       |                            |                      |                   |                                  |                      |                 |            |     |



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180922-WMATA-TW-1 |                 |              |
|  | 2018   | 09 | 22         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority                 |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | C-Line, Track 1, Metro Center (C01) and McPherson Square (C02) |    |            |                        |                     |                 |              |

## 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           | 0          |   |   |   |   |
| Recommended Finding                   | No          | No         |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | No         |   |   |   |   |
| Recommended Reinspection              | No          | No         |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |                                |                        |                         |                     |                        |               |               |                     |               |     |     |
|--|-----------------|--------------------|----------------|--------------------------------|------------------------|-------------------------|---------------------|------------------------|---------------|---------------|---------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |                                |                        |                         | Job Safety Briefing |                        |               | Activity Code |                     | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 621        |                    |                |                                |                        | Accompanied Inspector?  | Yes                 | Out Brief Conducted    | Yes           | Time          | 0800-1300           | Outside Shift | Yes |     |
| Related Reports                          | N/A             |                    |                |                                |                        | Related CAPS / Findings |                     |                        | N/A           |               |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |                                |                        | Standard                |                     |                        | Other / Title |               | Checklist Reference |               |     |     |
|  | RWPM            |                    |                |                                |                        |                         |                     |                        |               |               |                     |               |     |     |
|  |                 |                    |                |                                |                        |                         |                     |                        |               |               |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC                            | RTA Facility           | FTA Office              | Track Type          | At-grade               | Tunnel        | Elevated      | N/A                 |               |     |     |
|  |                 |                    | X              |                                |                        |                         |                     |                        | X             |               |                     |               |     |     |
| Line(s)                                  | C-Line          | Track Number       | N/A            | Chain Marker and/or Station(s) | From                   |                         |                     | To                     |               |               |                     |               |     |     |
|  |                 |                    |                |                                | McPherson Square (C02) |                         |                     | McPherson Square (C02) |               |               |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |                                | Equipment              | N/A                     |                     |                        |               |               |                     |               |     |     |
|  | N/A             |                    | N/A            |                                |                        |                         |                     |                        |               |               |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |  |  |   |  |
|--|--|--|--|---|--|
| Inspector in Charge - Signature                |  | TERRELL A WILLIAMS                           |  | Date signed by TERRELL A WILLIAMS<br>Date: 2018.09.27 11:13:18<br>-04'00' |  |
| Inspector in Charge - Name<br>Terrell Williams |  | Inspection Team<br>Alexander Nepa, Lee Emard |  |   |  |





United States Department of Transportation  
Federal Transit Administration

|                        |  |                                  |    |
|------------------------|--|----------------------------------|----|
| <b>Description</b>     | FWSO inspectors received a job safety briefing from TRST 621 at McPherson Square (C02) station prior to entering the roadway. The briefing covered the new personal protective equipment (PPE) requirements, type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of PPE and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspectors did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |  | <b>Recommended Finding?</b>      | No |
|                        |  | <b>Remedial Action Required?</b> | No |
|                        |  | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A  |                                  |    |

|   |   |                           |                                |          |                                       |               |                                  |                      |                        |          |     |     |
|---|---|---------------------------|--------------------------------|----------|---------------------------------------|---------------|----------------------------------|----------------------|------------------------|----------|-----|-----|
| <b>Inspection Activity #</b>                    | 2   | <b>Inspection Subject</b> | Remedial Action Verification   |          |                                       |               |                                  | <b>Activity Code</b> |                        | TRK      | WI  | OBS |
| <b>Job Briefing Employee Name/Title</b>         | TRST 621  |                           | <b>Accompanied Inspector?</b>  | Yes      | <b>Out Brief Conducted</b>            | Yes           | <b>Time</b>                      | 0800-1330            | <b>Outside Shift</b>   | Yes      |     |     |
| <b>Related Reports</b>                          | N/A   |                           | <b>Related CAPS / Findings</b> |          | N/A                                   |               |                                  |                      |                        |          |     |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | Ref   | Rule or SOP               |                                | Standard |                                       | Other / Title |                                  | Checklist Reference  |                        |          |     |     |
|   | TRST 1000   |                           |                                |          |                                       |               |                                  |                      |                        |          |     |     |
|   |   |                           |                                |          |                                       |               |                                  |                      |                        |          |     |     |
| <b>Inspection Location</b>                      | Main Track  | Yard                      | Station                        | OCC      | RTA Facility                          | FTA Office    | <b>Track Type</b>                | At-grade             | Tunnel                 | Elevated | N/A |     |
|   | X   |                           |                                |          |                                       |               |                                  |                      | X                      |          |     |     |
| <b>Line(s)</b>                                  | C-Line  | <b>Track Number</b>       | Track 1                        |          | <b>Chain Marker and/or Station(s)</b> |               | From                             |                      | To                     |          |     |     |
|   |   |                           |                                |          |                                       |               | Metro Center (C01)               |                      | McPherson Square (C02) |          |     |     |
| <b>Vehicles</b>                                 | Head Car Number   |                           | Number of Cars                 |          | <b>Equipment</b>                      | N/A           |                                  |                      |                        |          |     |     |
|   | N/A   |                           | N/A                            |          |                                       |               |                                  |                      |                        |          |     |     |
| <b>Description</b>                              | FWSO inspectors performed a remedial action verification between Metro Center (C01) and McPherson Square (C02), track 1. Inspectors also observed track conditions.<br><br><b>The FWSO inspectors did not note any defects.</b> |                           |                                |          |                                       |               | <b>Number of Defects</b>         |                      | 0                      |          |     |     |
|   |   |                           |                                |          |                                       |               | <b>Recommended Finding?</b>      |                      | No                     |          |     |     |
|   |   |                           |                                |          |                                       |               | <b>Remedial Action Required?</b> |                      | No                     |          |     |     |
|   |   |                           |                                |          |                                       |               | <b>Recommended Reinspection?</b> |                      | No                     |          |     |     |
| <b>Remedial Action</b>                          | N/A   |                           |                                |          |                                       |               |                                  |                      |                        |          |     |     |



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |   |    |            |                        |                     |                 |              |
|--|---|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY  | MM | DD         | Report Number          | 20180924-WMATA-TW-1 |                 |              |
|  | 2018  | 09 | 24         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority              |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name  |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | C-Line, Track 1, Pentagon City (C08) and Crystal City (C09) |    |            |                        |                     |                 |              |

## 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          | No         |   |   |   |   |
| Recommended Reinspection              | No          | No         |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |                                |                     |                         |                     |                     |               |               |                     |               |     |     |
|--|-----------------|--------------------|----------------|--------------------------------|---------------------|-------------------------|---------------------|---------------------|---------------|---------------|---------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |                                |                     |                         | Job Safety Briefing |                     |               | Activity Code |                     | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 679        |                    |                |                                |                     | Accompanied Inspector?  | Yes                 | Out Brief Conducted | Yes           | Time          | 1000-1400           | Outside Shift | Yes |     |
| Related Reports                          | N/A             |                    |                |                                |                     | Related CAPS / Findings |                     |                     | N/A           |               |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |                                |                     | Standard                |                     |                     | Other / Title |               | Checklist Reference |               |     |     |
|  | RWPM            |                    |                |                                |                     |                         |                     |                     |               |               |                     |               |     |     |
|  |                 |                    |                |                                |                     |                         |                     |                     |               |               |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC                            | RTA Facility        | FTA Office              | Track Type          | At-grade            | Tunnel        | Elevated      | N/A                 |               |     |     |
|  |                 |                    | X              |                                |                     |                         |                     |                     | X             |               |                     |               |     |     |
| Line(s)                                  | C-Line          | Track Number       | N/A            | Chain Marker and/or Station(s) | From                |                         |                     | To                  |               |               |                     |               |     |     |
|  |                 |                    |                |                                | Pentagon City (C08) |                         |                     | Pentagon City (C08) |               |               |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |                                | Equipment           | N/A                     |                     |                     |               |               |                     |               |     |     |
|  | N/A             |                    | N/A            |                                |                     |                         |                     |                     |               |               |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| Inspector in Charge - Signature                |  | TERRELL A WILLIAMS                        |  | Digitally signed by TERRELL A WILLIAMS<br>Date: 2018.09.27 11:17:36 -04'00' |  |
| Inspector in Charge - Name<br>Terrell Williams |  | Inspection Team<br>Lee Emard, Mike Vitale |  |   |  |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                 |  |                           |    |
|-----------------|--|---------------------------|----|
| Description     | FWSO inspectors received a job safety briefing from TRST 679 at Pentagon City (C08) station prior to entering the roadway. The briefing covered the new personal protective equipment (PPE) requirements, type of on-track protection, the working limits, where to clear, known hazards and hotspots, the safety rule of the day, the location of the nearest hospital, and a check of PPE and roadway worker protection (RWP) ID.<br><br>The FWSO inspectors did not note any defects. | Number of Defects         | 0  |
|                 |  | Recommended Finding?      | No |
|                 |  | Remedial Action Required? | No |
|                 |  | Recommended Reinspection? | No |
| Remedial Action | N/A  |                           |    |

|  |   |                    |                         |                                |                     |               |                           |                     |               |          |     |
|--|---|--------------------|-------------------------|--------------------------------|---------------------|---------------|---------------------------|---------------------|---------------|----------|-----|
| Inspection Activity #                    | 2   | Inspection Subject | Track Inspection        |                                |                     |               |                           | Activity Code       | TRK           | WI       | OBS |
| Job Briefing Employee Name/Title         | TRST 679  |                    | Accompanied Inspector?  | Yes                            | Out Brief Conducted | Yes           | Time                      | 1000-1400           | Outside Shift | No       |     |
| Related Reports                          | N/A   |                    | Related CAPS / Findings |                                | FTA-TPE-17-021-a    |               |                           |                     |               |          |     |
| Related Rules, SOPs, Standards, or Other | Ref   | Rule or SOP        |                         | Standard                       |                     | Other / Title |                           | Checklist Reference |               |          |     |
|  | TRST 1000   |                    |                         |                                |                     |               |                           |                     |               |          |     |
|  |   |                    |                         |                                |                     |               |                           |                     |               |          |     |
| Inspection Location                      | Main Track  | Yard               | Station                 | OCC                            | RTA Facility        | FTA Office    | Track Type                | At-grade            | Tunnel        | Elevated | N/A |
|  | X   |                    |                         |                                |                     |               |                           |                     | X             |          |     |
| Line(s)                                  | C-Line  | Track Number       | Track 1                 | Chain Marker and/or Station(s) | From                |               |                           | To                  |               |          |     |
|  |   |                    |                         |                                | Pentagon City (C08) |               |                           | Crystal City (C09)  |               |          |     |
| Vehicles                                 | Head Car Number   |                    | Number of Cars          |                                | Equipment           | N/A           |                           |                     |               |          |     |
|  | N/A   |                    | N/A                     |                                |                     |               |                           |                     |               |          |     |
| Description                              | FWSO inspectors performed a track inspection between Pentagon City (C08) and Crystal City (C09), track 1.<br><br>The Following non-color-coded defect was observed: <ul style="list-style-type: none"><li>TRST 1000 13.5.7: Third rail coverboard was missing on track 1 at CM C1 287+50. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li><li>TRST 1000 13.5.7: Third rail coverboard was missing on track 1 at CM C1 302+90. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-a.</li></ul> |                    |                         |                                |                     |               | Number of Defects         | 2                   |               |          |     |
|  |   |                    |                         |                                |                     |               | Recommended Finding?      | No                  |               |          |     |
|  |   |                    |                         |                                |                     |               | Remedial Action Required? | No                  |               |          |     |
|  |   |                    |                         |                                |                     |               | Recommended Reinspection? | No                  |               |          |     |
| Remedial Action                          | N/A   |                    |                         |                                |                     |               |                           |                     |               |          |     |



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |  |    |            |                        |                     |                 |              |
|--|--|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY   | MM | DD         | Report Number          | 20180926-WMATA-TW-1 |                 |              |
|  | 2018   | 09 | 26         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority                 |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name   |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]   |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | A-Line, Track 2, Twinbrook (A13) to Grosvenor-Strathmore (A11) |    |            |                        |                     |                 |              |

## 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           | 9          |   |   |   |   |
| Recommended Finding                   | No          | No         |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | Yes        |   |   |   |   |
| Recommended Reinspection              | No          | Yes        |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |                                |              |                         |                     |                     |                 |               |                     |               |     |     |
|--|-----------------|--------------------|----------------|--------------------------------|--------------|-------------------------|---------------------|---------------------|-----------------|---------------|---------------------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |                                |              |                         | Job Safety Briefing |                     |                 | Activity Code |                     | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 679        |                    |                |                                |              | Accompanied Inspector?  | Yes                 | Out Brief Conducted | Yes             | Time          | 1000-1400           | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |                                |              | Related CAPS / Findings |                     |                     | N/A             |               |                     |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |                                |              | Standard                |                     |                     | Other / Title   |               | Checklist Reference |               |     |     |
|  | RWPM            |                    |                |                                |              |                         |                     |                     |                 |               |                     |               |     |     |
|  |                 |                    |                |                                |              |                         |                     |                     |                 |               |                     |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC                            | RTA Facility | FTA Office              | Track Type          | At-grade            | Tunnel          | Elevated      | N/A                 |               |     |     |
|  |                 |                    | X              |                                |              |                         |                     | X                   | X               |               |                     |               |     |     |
| Line(s)                                  | A-Line          | Track Number       | N/A            | Chain Marker and/or Station(s) |              |                         | From                |                     | To              |               |                     |               |     |     |
|  |                 |                    |                |                                |              |                         | Twinbrook (A13)     |                     | Twinbrook (A13) |               |                     |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |                                |              | Equipment               | N/A                 |                     |                 |               |                     |               |     |     |
|  | N/A             |                    | N/A            |                                |              |                         |                     |                     |                 |               |                     |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |   |  |
|--|---|--|
| Inspector in Charge - Signature                |   | <b>TERRELL A WILLIAMS</b><br>Digitally signed by TERRELL A WILLIAMS<br>Date: 2018.10.02 08:31:35 -04'00' |
| Inspector in Charge - Name<br>Terrell Williams | Inspection Team<br>Robert Adams, Alexander Nepa |  |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                        |  |                                  |    |
|------------------------|--|----------------------------------|----|
| <b>Description</b>     | FWSO inspectors received a job safety briefing from TRST 679 at Twinbrook (A13) 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 hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspectors did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |  | <b>Recommended Finding?</b>      | No |
|                        |  | <b>Remedial Action Required?</b> | No |
|                        |  | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A  |                                  |    |

|   |  |                           |                                |          |   |               |                                  |                      |                            |          |     |
|---|--|---------------------------|--------------------------------|----------|---|---------------|----------------------------------|----------------------|----------------------------|----------|-----|
| <b>Inspection Activity #</b>                    | 2  | <b>Inspection Subject</b> | Remedial Action Verification   |          |   |               |                                  | <b>Activity Code</b> | TRK                        | WI       | OBS |
| <b>Job Briefing Employee Name/Title</b>         | TRST 679   |                           | <b>Accompanied Inspector?</b>  | Yes      | <b>Out Brief Conducted</b>  | Yes           | <b>Time</b>                      | 1000-1400            | <b>Outside Shift</b>       | No       |     |
| <b>Related Reports</b>                          | Safety Directive 17-1  |                           | <b>Related CAPS / Findings</b> |          | Remedial Action ID: 2973, 2972, 2550, 2553<br>CAP: FTA-TPE-17-021-A |               |                                  |                      |                            |          |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | Ref  | Rule or SOP               |                                | Standard |   | Other / Title |                                  | Checklist Reference  |                            |          |     |
|   | TRST 1000  |                           |                                |          |   |               |                                  |                      |                            |          |     |
| <b>Inspection Location</b>                      | Main Track   | Yard                      | Station                        | OCC      | RTA Facility  | FTA Office    | <b>Track Type</b>                | At-grade             | Tunnel                     | Elevated | N/A |
|   | X  |                           |                                |          |   |               |                                  | X                    | X                          |          |     |
| <b>Line(s)</b>                                  | A-Line   | <b>Track Number</b>       | Track 2                        |          | <b>Chain Marker and/or Station(s)</b>                               |               | From                             |                      | To                         |          |     |
|   |  |                           |                                |          |   |               | Twinbrook (A13)                  |                      | Grosvenor-Strathmore (A11) |          |     |
| <b>Vehicles</b>                                 | <b>Head Car Number</b>   |                           | <b>Number of Cars</b>          |          | <b>Equipment</b>  | N/A           |                                  |                      |                            |          |     |
|   | N/A  |                           | N/A                            |          |   |               |                                  |                      |                            |          |     |
| <b>Description</b>                              | <p>FWSO inspectors performed a remedial action verification between Twinbrook (A13) and Grosvenor-Strathmore (A11), on track 1. Inspectors also observed general conditions between those areas. Four remedial actions were verified as complete.</p> <p><b>The following color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, Table 7.1:</b> At A2 658+00 on the left rail, three consecutive fasteners with no studs on either side were observed with 100 inches between non-defective holding fasteners. Defect was determined to be a maintenance condition. <b>Yellow condition.</b></li> <li><b>TRST 1000, Table 7.1:</b> At A2 657+30 on the left rail, three consecutive non-holding fasteners were observed with 95 inches between non-defective holding fasteners. Defect was determined to be a maintenance condition. <b>Yellow condition.</b></li> </ul> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> At A2 657+60, the end approach coverboard was missing. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A.</li> <li><b>TRST 1000, 13.5.7:</b> At A2 601+00, a new end approach coverboard was installed incorrectly. It did not cover the end of the third rail as designed. Remedial action for this defect is addressed in WMATA's approach to FTA-TPE-17-021-A. See Photo 1 below.</li> <li><b>TRST 1000, 10.17.4.1:</b> Between A2 613+00 and 609+00, relay rail was observed in the gauge of the track.</li> <li><b>TRST 1000, 10.17.4.1:</b> At A2 595+60, relay rail was observed between the catwalk and the field side track.</li> <li><b>TRST 1000, 8.7:</b> At A2 679+00 between the ballasted track and the portal direct fixation, vegetation was observed in the gauge and field side of the track. See Photo 2 below.</li> <li><b>TRST 1000, 8.7:</b> At A2 678+00, vegetation was growing through the fence line and striking the side of passing rail vehicles. See Photo 3 below.</li> </ul> |                           |                                |          |   |               | <b>Number of Defects</b>         | 9                    |                            |          |     |
|   |  |                           |                                |          |   |               | <b>Recommended Finding?</b>      | No                   |                            |          |     |
|   |  |                           |                                |          |   |               | <b>Remedial Action Required?</b> | Yes                  |                            |          |     |
|   |  |                           |                                |          |   |               | <b>Recommended Reinspection?</b> | Yes                  |                            |          |     |



|                 |   |  |  |
|-----------------|---|--|--|
|                 | <ul style="list-style-type: none"><li>• <b>TRST 1000, 8.7:</b> At A2 676+20, vegetation was growing through the fence line and striking the side of passing rail vehicles. See Photo 4 below.</li></ul> <p>The following remedial actions were verified as complete:</p> <ul style="list-style-type: none"><li>• At A2 571+00, the missing bolts have been replaced in the stock rail joint of the number seven switch.</li><li>• At A2 579+80, the missing bolts have been replaced in the stock rail joint of the number 11B switch.</li><li>• Between A2 613+00 and 610+00, the defective fasteners have been replaced.</li><li>• At A2 638+45, the two phases of the platform edge lights have been repaired and are in proper working order.</li></ul> |  |  |
| Remedial Action | <p>To achieve compliance with WMATA's requirements:</p> <ul style="list-style-type: none"><li>• WMATA must repair the defective fasteners on the left rail at A2 658+00.</li><li>• WMATA must repair the defective fasteners on the left rail at A2 657+30.</li><li>• WMATA must remove the relay rail between A2 613+00 and 609+00.</li><li>• WMATA must remove the relay rail at A2 595+60.</li><li>• WMATA must control the vegetation at A2 679+00.</li><li>• WMATA must control the vegetation at A2 678+00.</li><li>• WMATA must control the vegetation at A2 676+20.</li></ul>   |  |  |

Photos:

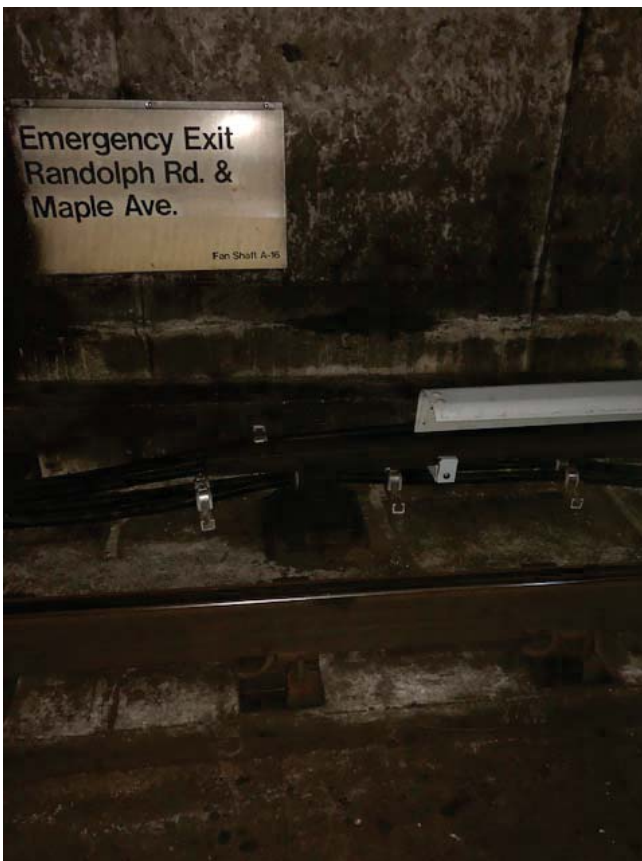


Photo 1: At A2 601+00, incorrectly installed end approach coverboard.



Photo 2: At A2 679+00, overgrown trackside vegetation.





**Photo 3:** At A2 678+00, track-side vegetation contacting on-track vehicles.



**Photo 3:** At A2 676+20, overgrown vegetation.



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

**Form FTA-IR-1**

United States Department of Transportation  
Federal Transit Administration

**Agency/Department Information**

|  |   |    |            |                        |                     |                 |              |
|--|---|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY  | MM | DD         | Report Number          | 20180927-WMATA-TW-1 |                 |              |
|  | 2018  | 09 | 27         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority        |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name  |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | A-Line, Track 2, Shady Grove (A15) to Rockville (A11) |    |            |                        |                     |                 |              |

**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 Subject |                |     |                                |                         | Job Safety Briefing |                     |                   | Activity Code       |           | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 601        |                    |                |     |                                | Accompanied Inspector?  | Yes                 | Out Brief Conducted | Yes               | Time                | 1000-1400 | Outside Shift | No  |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                     | N/A                 |                   |                     |           |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                         |                     | Other / Title       |                   | Checklist Reference |           |               |     |     |
|  | RWPM            |                    |                |     |                                |                         |                     |                     |                   |                     |           |               |     |     |
|  |                 |                    |                |     |                                |                         |                     |                     |                   |                     |           |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type          | At-grade            | Tunnel            | Elevated            | N/A       |               |     |     |
|  |                 |                    | X              |     |                                |                         |                     | X                   | X                 |                     |           |               |     |     |
| Line(s)                                  | A-Line          | Track Number       | N/A            |     | Chain Marker and/or Station(s) |                         | From                |                     | To                |                     |           |               |     |     |
|  |                 |                    |                |     |                                |                         | Shady Grove (A15)   |                     | Shady Grove (A15) |                     |           |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      |                         | N/A                 |                     |                   |                     |           |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                     |                     |                   |                     |           |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|  |   |                    |                                      |
|--|---|--------------------|--------------------------------------|
| Inspector in Charge - Signature                |   | TERRELL A WILLIAMS | Date: 2018.10.02 08:43:07<br>-04'00' |
| Inspector in Charge - Name<br>Terrell Williams | Inspection Team<br>Robert Adams, Alexander Nepa |                    |                                      |





United States Department of Transportation  
Federal Transit Administration

|                        |  |                                  |    |
|------------------------|--|----------------------------------|----|
| <b>Description</b>     | FWSO inspectors received a job safety briefing from TRST 601 at Shady Grove (A15) 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 hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspectors did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |  | <b>Recommended Finding?</b>      | No |
|                        |  | <b>Remedial Action Required?</b> | No |
|                        |  | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A  |                                  |    |

|   |   |                           |                                |          |                                       |               |                                  |                     |                      |          |     |
|---|---|---------------------------|--------------------------------|----------|---------------------------------------|---------------|----------------------------------|---------------------|----------------------|----------|-----|
| <b>Inspection Activity #</b>                    | 2   | <b>Inspection Subject</b> | Remedial Action Verification   |          |                                       |               | <b>Activity Code</b>             |                     | TRK                  | WI       | OBS |
| <b>Job Briefing Employee Name/Title</b>         | TRST 601  |                           | <b>Accompanied Inspector?</b>  | Yes      | <b>Out Brief Conducted</b>            | Yes           | <b>Time</b>                      | 1000-1400           | <b>Outside Shift</b> | No       |     |
| <b>Related Reports</b>                          | N/A   |                           | <b>Related CAPS / Findings</b> |          | N/A                                   |               |                                  |                     |                      |          |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | Ref   | Rule or SOP               |                                | Standard |                                       | Other / Title |                                  | Checklist Reference |                      |          |     |
|   | TRST 1000   |                           |                                |          |                                       |               |                                  |                     |                      |          |     |
| <b>Inspection Location</b>                      | Main Track  | Yard                      | Station                        | OCC      | RTA Facility                          | FTA Office    | <b>Track Type</b>                | At-grade            | Tunnel               | Elevated | N/A |
|   | X   |                           |                                |          |                                       |               |                                  | X                   |                      |          |     |
| <b>Line(s)</b>                                  | A-Line  | <b>Track Number</b>       | Track 2                        |          | <b>Chain Marker and/or Station(s)</b> |               | From                             |                     | To                   |          |     |
|   |   |                           |                                |          |                                       |               | Shady Grove (A15)                |                     | Rockville (A14)      |          |     |
| <b>Vehicles</b>                                 | Head Car Number   |                           | Number of Cars                 |          | <b>Equipment</b>                      | N/A           |                                  |                     |                      |          |     |
|   | N/A   |                           | N/A                            |          |                                       |               |                                  |                     |                      |          |     |
| <b>Description</b>                              | FWSO inspectors performed a remedial action verification between Shady Grove (A15) and Rockville (A14) on track 2. Inspectors also observed general conditions between those areas.<br><br><b>The following non-color-coded defects were observed:</b> <ul style="list-style-type: none"> <li><b>TRST 1000, 13.5.7:</b> At A2 937+50, 1B switch, the number four switch rod was loose.</li> </ul> <b>Other Notable Observation:</b> <ul style="list-style-type: none"> <li>At A2 940+40 at the A15-06 switch, the negative return bond wire at the left rail joint was nicked, exposing bare wires. See Photo 1 below.</li> </ul> |                           |                                |          |                                       |               | <b>Number of Defects</b>         | 1                   |                      |          |     |
|   |   |                           |                                |          |                                       |               | <b>Recommended Finding?</b>      | No                  |                      |          |     |
|   |   |                           |                                |          |                                       |               | <b>Remedial Action Required?</b> | Yes                 |                      |          |     |
|   |   |                           |                                |          |                                       |               | <b>Recommended Reinspection?</b> | Yes                 |                      |          |     |
| <b>Remedial Action</b>                          | To achieve compliance with WMATA's requirements: <ul style="list-style-type: none"> <li>WMATA must tighten the number four switch rod at A2 937+50, 1B switch.</li> </ul>   |                           |                                |          |                                       |               |                                  |                     |                      |          |     |



Photo:



**Photo 1:** At A2 940+40, damaged negative return bond wire.



# Inspection Form

FOIA Exemption: All (b)(6)

Form FTA-IR-1

United States Department of Transportation  
Federal Transit Administration

## Agency/Department Information

|  |   |    |            |                        |                     |                 |              |
|--|---|----|------------|------------------------|---------------------|-----------------|--------------|
| Inspection Date                            | YYYY  | MM | DD         | Report Number          | 20180929-WMATA-TW-1 |                 |              |
|  | 2018  | 09 | 29         |                        |                     |                 |              |
| Rail Agency Name                           | Washington Metropolitan Area Transit Authority                |    |            | Rail Agency Department | TRST                | Sub- Department | TKIN         |
| Rail Agency Department Contact Information | Name  |    | Email      |                        | Office Phone        |                 | Mobile Phone |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
|  | [REDACTED]  |    | [REDACTED] |                        | [REDACTED]          |                 | [REDACTED]   |
| Inspection Location                        | D-Line, Track 1, D & G Junction (D98) to Eastern Market (D06) |    |            |                        |                     |                 |              |

## 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           | 12         |   |   |   |   |
| Recommended Finding                   | No          | No         |   |   |   |   |
| Remedial Action Required <sup>1</sup> | No          | Yes        |   |   |   |   |
| Recommended Reinspection              | No          | Yes        |   |   |   |   |

## Activity Summaries

|  |                 |                    |                |     |                                |                         |                      |                     |                      |               |           |               |     |     |
|--|-----------------|--------------------|----------------|-----|--------------------------------|-------------------------|----------------------|---------------------|----------------------|---------------|-----------|---------------|-----|-----|
| Inspection Activity #                    | 1               | Inspection Subject |                |     |                                |                         | Job Safety Briefing  |                     |                      | Activity Code |           | TRK           | JSB | OBS |
| Job Briefing Employee Name/Title         | TRST 621        |                    |                |     |                                | Accompanied Inspector?  | Yes                  | Out Brief Conducted | Yes                  | Time          | 0800-1400 | Outside Shift | Yes |     |
| Related Reports                          | N/A             |                    |                |     |                                | Related CAPS / Findings |                      | N/A                 |                      |               |           |               |     |     |
| Related Rules, SOPs, Standards, or Other | Ref             |                    | Rule or SOP    |     | Standard                       |                         | Other / Title        |                     | Checklist Reference  |               |           |               |     |     |
|  | RWPM            |                    |                |     |                                |                         |                      |                     |                      |               |           |               |     |     |
|  |                 |                    |                |     |                                |                         |                      |                     |                      |               |           |               |     |     |
| Inspection Location                      | Main Track      | Yard               | Station        | OCC | RTA Facility                   | FTA Office              | Track Type           | At-grade            | Tunnel               | Elevated      | N/A       |               |     |     |
|  |                 |                    | X              |     |                                |                         |                      |                     | X                    |               |           |               |     |     |
| Line(s)                                  | D-Line          | Track Number       | N/A            |     | Chain Marker and/or Station(s) |                         | From                 |                     | To                   |               |           |               |     |     |
|  |                 |                    |                |     |                                |                         | Stadium Armory (D08) |                     | Stadium Armory (D08) |               |           |               |     |     |
| Vehicles                                 | Head Car Number |                    | Number of Cars |     | Equipment                      |                         | N/A                  |                     |                      |               |           |               |     |     |
|  | N/A             |                    | N/A            |     |                                |                         |                      |                     |                      |               |           |               |     |     |

<sup>1</sup> The rail transit agency must provide FTA with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing FTA verification inspections to ensure corrections are sufficient and effective.

|                                 |                  |                    |  |                                   |
|---------------------------------|------------------|--------------------|--|-----------------------------------|
| Inspector in Charge - Signature |                  | TERRELL A WILLIAMS |  | Date: 2018.10.11 13:38:09 -04'00' |
| Inspector in Charge - Name      | Terrell Williams |                    |  |                                   |
| Inspection Team                 | Alexander Nepa   |                    |  |                                   |



United States Department of Transportation  
Federal Transit Administration

Form FTA-IR-1

|                        |   |                                  |    |
|------------------------|---|----------------------------------|----|
| <b>Description</b>     | FWSO inspector received a job safety briefing from TRST 621 at Stadium Armory (D08) 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 hotspots, the safety rule of the day, the location of the nearest hospital, and a check of personal protective equipment (PPE) and roadway worker protection (RWP) ID.<br><br><b>The FWSO inspector did not note any defects.</b> | <b>Number of Defects</b>         | 0  |
|                        |   | <b>Recommended Finding?</b>      | No |
|                        |   | <b>Remedial Action Required?</b> | No |
|                        |   | <b>Recommended Reinspection?</b> | No |
| <b>Remedial Action</b> | N/A   |                                  |    |

|   |                 |                           |                                |          |                                       |               |                       |                     |                      |          |     |
|---|-----------------|---------------------------|--------------------------------|----------|---------------------------------------|---------------|-----------------------|---------------------|----------------------|----------|-----|
| <b>Inspection Activity #</b>                    | 2               | <b>Inspection Subject</b> | Remedial Action Verification   |          |                                       |               | <b>Activity Code</b>  |                     | TRK                  | WI       | OBS |
| <b>Job Briefing Employee Name/Title</b>         | TRST 621        |                           | <b>Accompanied Inspector?</b>  | Yes      | <b>Out Brief Conducted</b>            | Yes           | <b>Time</b>           | 0800-1400           | <b>Outside Shift</b> | No       |     |
| <b>Related Reports</b>                          | N/A             |                           | <b>Related CAPS / Findings</b> |          | Remedial Action ID: 2466, 2467        |               |                       |                     |                      |          |     |
| <b>Related Rules, SOPs, Standards, or Other</b> | Ref             | Rule or SOP               |                                | Standard |                                       | Other / Title |                       | Checklist Reference |                      |          |     |
|   | TRST 1000       |                           |                                |          |                                       |               |                       |                     |                      |          |     |
| <b>Inspection Location</b>                      | Main Track      | Yard                      | Station                        | OCC      | RTA Facility                          | FTA Office    | <b>Track Type</b>     | At-grade            | Tunnel               | Elevated | N/A |
|   | X               |                           |                                |          |                                       |               |                       |                     | X                    | X        |     |
| <b>Line(s)</b>                                  | D-Line          | <b>Track Number</b>       | Track 1                        |          | <b>Chain Marker and/or Station(s)</b> |               | From                  |                     | To                   |          |     |
|   |                 |                           |                                |          |                                       |               | D & G Connector (D98) |                     | Eastern Market (D06) |          |     |
| <b>Vehicles</b>                                 | Head Car Number |                           | Number of Cars                 |          | <b>Equipment</b>                      | N/A           |                       |                     |                      |          |     |
|   | N/A             |                           | N/A                            |          |                                       |               |                       |                     |                      |          |     |

|                    |   |                                  |     |
|--------------------|---|----------------------------------|-----|
| <b>Description</b> | <p>FWSO inspector performed a remedial action verification of track 1 between the D &amp; G Junction (D98) and Eastern Market (D06). Inspector also observed general conditions between those areas. Two remedial actions were verified as complete.</p> <p><b>The following color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, table 7.1:</b> At D1 274+50 on the left rail, three consecutive non-holding fasteners were observed, 90-inches between holding fasteners. Condition was determined to be a maintenance condition. <b>Yellow condition.</b></li> <li><b>TRST 1000 7.7, table 7.1:</b> At D1 273+40 on the left rail, four consecutive non-holding fasteners were observed, 95-inches between holding fasteners. Condition was determined to be a maintenance condition. <b>Yellow condition.</b></li> <li><b>TRST 1000 7.7, table 7.1:</b> At D1 256+10 on the left rail, four consecutive non-holding fasteners were observed, 90-inches between holding fasteners. Condition was determined to be a maintenance condition. <b>Yellow condition.</b></li> <li><b>TRST 1000 7.7, table 7.1:</b> Between D1 254+40 and 254+60 on the left rail, four consecutive non-holding fasteners were observed, 120-inches between holding fasteners. Condition was determined to be a maintenance condition. <b>Red condition.</b></li> </ul> <p><b>The following non-color-coded defects were observed:</b></p> <ul style="list-style-type: none"> <li><b>TRST 1000, 10.17.4.1:</b> At D1 256+40, relay rail was observed in the roadway.</li> <li><b>TRST 1000, 5.11.7:</b> Between D1 256+00 and 256+20 on the left rail, running surface spalling and chipping conditions were observed.</li> <li><b>TRST 1000, 5.11.7:</b> Between D1 254+40 and 254+60 on the left rail, running surface spalling and chipping conditions were observed.</li> <li><b>TRST 1000, 10.17.4.1:</b> At D1 231+00, relay third rail was observed in the gauge of the track.</li> <li><b>TRST 1000, 10.17.4.1:</b> Between D1 233+50 and 212+00, relay third rail was observed.</li> <li><b>TRST 1000, 10.17.4.1:</b> Between D1 167+00 and 161+00 relay third rail was observed.</li> </ul> | <b>Number of Defects</b>         | 12  |
|                    |   | <b>Recommended Finding?</b>      | No  |
|                    |   | <b>Remedial Action Required?</b> | Yes |
|                    |   | <b>Recommended Reinspection?</b> | Yes |



|                        |   |  |  |
|------------------------|---|--|--|
|                        | <ul style="list-style-type: none"><li>• <b>TRST 1000, 5.27:</b> Between D1 161+00 to 166+00 through the curve, restraining rail measurements exceeded the 1 7/8 inches allowable. Measurements averaged 2 ½ inches with several 2 ¾ inch measurements.</li><li>• <b>TRST 1000, Table 5-44:</b> At D1 142+35 at the 1A switch, the main side guard rail had four broken studs.</li></ul>   |  |  |
| <b>Remedial Action</b> | <p>To achieve compliance with WMATA's requirements.</p> <ul style="list-style-type: none"><li>• WMATA must replace the defective fasteners on the left rail at D1 274+50.</li><li>• WMATA must replace the defective fasteners on the left rail at D1 273+40.</li><li>• WMATA must replace the defective fasteners on the left rail at D1 256+10.</li><li>• WMATA must replace the defective fasteners on the left rail between D1 254+40 and 254+60.</li><li>• WMATA must remove the relay rail at D1 256+40.</li><li>• WMATA must address the spalling and chipping conditions on the left rail between D1 256+00 and 256+20.</li><li>• WMATA must address the spalling and chipping conditions on the left rail between D1 254+40 and 254+60.</li><li>• WMATA must remove the relay rail at D1 231+00.</li><li>• WMATA must remove the relay third rail between D1 233+50 and 212+00.</li><li>• WMATA must remove the relay third rail between D1 167+00 and 161+00.</li><li>• WMATA must adjust the restraining rail gauge in the curve between D1 161+00 and 166+00.</li><li>• WMATA must replace the broken studs in the D1 switch guard rail, D1 142+35.</li></ul> |  |  |