



## Metro Corrective Action Plans

**Federal Transit Administration (FTA)**

**Safety Management Inspection (SMI)**

**March 16 – April 3, 2015**

**Washington  
Metropolitan Area  
Transit Authority**

600 Fifth Street, NW  
Washington, D.C. 20001  
202/962-1234

*By Metrorail:  
Judiciary Square-Red Line  
Gallery Place-Chinatown  
Red, Green and  
Yellow Lines*

*A District of Columbia  
Maryland and Virginia  
Transit Partnership*

**September 11, 2015**

## TABLE OF CONTENTS

<b>CAPs Metrorail Category 1: Inadequate Rail Operations Control Center Staffing and Procedures (14 Findings and 21 Required Actions)</b> .....	<a href="#"><u>1</u></a>
CAP R-1-1-a.....	<a href="#"><u>2</u></a>
CAP R-1-2-a.....	<a href="#"><u>9</u></a>
CAP R-1-3-a.....	<a href="#"><u>16</u></a>
CAP R-1-3-b.....	<a href="#"><u>23</u></a>
CAP R-1-4-a.....	<a href="#"><u>30</u></a>
CAP R-1-4-b.....	<a href="#"><u>37</u></a>
CAP R-1-4-c.....	<a href="#"><u>44</u></a>
CAP R-1-5-a.....	<a href="#"><u>50</u></a>
CAP R-1-6-a.....	<a href="#"><u>57</u></a>
CAP R-1-6-b.....	<a href="#"><u>64</u></a>
CAP R-1-7-a.....	<a href="#"><u>70</u></a>
CAP R-1-7-b.....	<a href="#"><u>77</u></a>
CAP R-1-8-a.....	<a href="#"><u>84</u></a>
CAP R-1-9-a.....	<a href="#"><u>90</u></a>
CAP R-1-10-a.....	<a href="#"><u>97</u></a>
CAP R-1-11-a.....	<a href="#"><u>104</u></a>
CAP R-1-12-a.....	<a href="#"><u>110</u></a>
CAP R-1-12-b.....	<a href="#"><u>117</u></a>
CAP R-1-13-a.....	<a href="#"><u>124</u></a>
CAP R-1-14-a.....	<a href="#"><u>130</u></a>
CAP R-1-14-b.....	<a href="#"><u>136</u></a>
<b>CAPs Metrorail Category 2: Ineffective Training, Operational Testing and Rules Compliance Programs (8 Findings and 22 Required Actions)</b> .....	<a href="#"><u>142</u></a>
CAP R-2-15-a.....	<a href="#"><u>143</u></a>
CAP R-2-15-b.....	<a href="#"><u>151</u></a>
CAP R-2-15-c.....	<a href="#"><u>160</u></a>
CAP R-2-15-d.....	<a href="#"><u>168</u></a>
CAP R-2-16-a.....	<a href="#"><u>177</u></a>
CAP R-2-16-b.....	<a href="#"><u>184</u></a>
CAP R-2-16-c.....	<a href="#"><u>191</u></a>
CAP R-2-16-d.....	<a href="#"><u>197</u></a>
CAP R-2-17-a.....	<a href="#"><u>203</u></a>
CAP R-2-17-b.....	<a href="#"><u>211</u></a>
CAP R-2-17-c.....	<a href="#"><u>218</u></a>
CAP R-2-17-d.....	<a href="#"><u>227</u></a>
CAP R-2-17-e.....	<a href="#"><u>234</u></a>
CAP R-2-18-a.....	<a href="#"><u>240</u></a>
CAP R-2-18-b.....	<a href="#"><u>247</u></a>
CAP R-2-19-a.....	<a href="#"><u>255</u></a>
CAP R-2-19-b.....	<a href="#"><u>262</u></a>
CAP R-2-20-a.....	<a href="#"><u>269</u></a>

## TABLE OF CONTENTS

CAP R-2-21-a.....	<a href="#">276</a>
CAP R-2-21-b.....	<a href="#">283</a>
CAP R-2-22-a.....	<a href="#">291</a>
CAP R-2-22-b.....	<a href="#">297</a>
<b>CAPs Metrorail Category 3: Insufficient Track Time for Maintenance (4 Findings and 4 Required Actions)</b> .....	<a href="#">304</a>
CAP R-3-23-a.....	<a href="#">305</a>
CAP R-3-24-a.....	<a href="#">314</a>
CAP R-3-25-a.....	<a href="#">324</a>
CAP R-3-26-a.....	<a href="#">333</a>
<b>CAPs Metrorail Category 4: System-wide Maintenance Issues (7 Findings and 7 Required Actions)</b> .....	<a href="#">342</a>
CAP R-4-27-a.....	<a href="#">343</a>
CAP R-4-28-a.....	<a href="#">351</a>
CAP R-4-29-a.....	<a href="#">357</a>
CAP R-4-30-a.....	<a href="#">365</a>
CAP R-4-31-a.....	<a href="#">372</a>
CAP R-4-32-a.....	<a href="#">378</a>
CAP R-4-33-a.....	<a href="#">384</a>
<b>CAPs Metrorail Category 5: Fire/Life Safety and Emergency Preparedness (2 Findings and 7 Required Actions)</b> .....	<a href="#">391</a>
CAP R-5-34-a.....	<a href="#">392</a>
CAP R-5-35-a.....	<a href="#">400</a>
CAP R-5-35-b.....	<a href="#">406</a>
CAP R-5-35-c.....	<a href="#">413</a>
CAP R-5-35-d.....	<a href="#">419</a>
CAP R-5-35-e.....	<a href="#">425</a>
CAP R-5-35-f .....	<a href="#">431</a>
<b>CAPs Metrorail Category 6: Condition and Performance of Tunnel Ventilation System (3 Findings and 4 Required Actions)</b> .....	<a href="#">437</a>
CAP R-6-36-a.....	<a href="#">438</a>
CAP R-6-36-b.....	<a href="#">447</a>
CAP R-6-37-a.....	<a href="#">455</a>
CAP R-6-38-a.....	<a href="#">462</a>
<b>CAPs Metrorail Category 7: Performance of Information Management Technology (4 Findings and 8 Required Actions)</b> .....	<a href="#">468</a>
CAP R-7-39-a.....	<a href="#">469</a>
CAP R-7-40-a, CAP R-7-40-b, CAP R-7-40-c & CAP R-7-41-a.....	<a href="#">479</a>
CAP R-7-41-b.....	<a href="#">491</a>
CAP R-7-42-a.....	<a href="#">499</a>
CAP R-7-42-b.....	<a href="#">509</a>

## TABLE OF CONTENTS

<b>CAPs Metrorail Category 8: Outstanding Items from Previous FTA Audits and Reviews (2 Findings and 5 Required Actions)</b> .....	<a href="#"><u>515</u></a>
CAP R-8-43-a.....	<a href="#"><u>516</u></a>
CAP R-8-43-b.....	<a href="#"><u>522</u></a>
CAP R-8-43-c.....	<a href="#"><u>529</u></a>
CAP R-8-44-a & CAP R-8-44-b.....	<a href="#"><u>535</u></a>
<b>CAPs Metrobus Category 1: Concern over the Protection of Metrobus Operations Personnel (1 Finding and 2 Required Actions)</b> .....	<a href="#"><u>543</u></a>
CAP B-1-1-a.....	<a href="#"><u>544</u></a>
CAP B-1-1-b.....	<a href="#"><u>553</u></a>
<b>CAPs Metrobus Category 2: Limited Availability of Training for Operations and Maintenance Personnel (2 Findings and 2 Required Actions)</b> .....	<a href="#"><u>559</u></a>
CAP B-2-2-a.....	<a href="#"><u>560</u></a>
CAP B-2-3-a.....	<a href="#"><u>570</u></a>
<b>CAPs Metrobus Category 3: Inconsistent Operational Testing and Rules Compliance Checks (3 Findings and 4 Required Actions)</b> .....	<a href="#"><u>578</u></a>
CAP B-3-4-a.....	<a href="#"><u>579</u></a>
CAP B-3-5-a.....	<a href="#"><u>587</u></a>
CAP B-3-5-b.....	<a href="#"><u>595</u></a>
CAP B-3-6-a.....	<a href="#"><u>603</u></a>
<b>CAPs Metrobus Category 4: System-wide Maintenance Issues (2 Findings and 2 Required Actions)</b> .....	<a href="#"><u>610</u></a>
CAP B-4-7-a.....	<a href="#"><u>611</u></a>
CAP B-4-8-a.....	<a href="#"><u>618</u></a>
<b>CAPs Metrobus Category 5: Lack of Information Management System Technology (2 Findings and 3 Required Actions)</b> .....	<a href="#"><u>625</u></a>
CAP B-5-9-a.....	<a href="#"><u>626</u></a>
CAP B-5-10-a.....	<a href="#"><u>632</u></a>
CAP B-5-10-b.....	<a href="#"><u>638</u></a>