Metrorail SafeTrack Overview & Mitigation

DATA
May 25, 2016
SafeTrack: Overview

• Metro released the final plan on May 19, 2016 which includes USDOT directives

• Effort to address safety recommendations, rehabilitate the rail system, and increase work productivity
  – Achieves safety and state of good repair
  – Advances FTA and NTSB work
  – Includes multiple work elements (rail renewal, tunnel lighting, signage, ventilation, insulators, rail fasteners, debris removal, interlocking maintenance, etc.)
SafeTrack: Overview

- 3 years of work accelerated into approx. 1 year
- Includes expansion of track-work hours on weeknights, weekends, and during rush hours
- All Fairfax County Metrorail service and stations affected at various stages
SafeTrack: Access Plan

• Effective Friday, June 3, 2016:
  – Weeknights: 8 PM work begins (instead of 10 PM)
  – Weekends: System closes at midnight (instead of 3 AM)
  – Moratorium on early openings and late closings for special events
  – “Safety Surges” begin (long duration outages on selected line segments)
SafeTrack: Safety Surges

- Accommodates work that cannot occur on limited windows during nights or weekends
- Impacts rush hour service
- Metro shuttle buses will serve closed stations; transit service maintained at all times, although with reduced capacity and service levels
- 15 surges system-wide
SafeTrack: Safety Surges

• 10 of 15 surges affect Fairfax County rail service and stations:
  – Blue Line and Yellow Line Stations
    - Franconia-Springfield
    - Van Dorn Street
    - Huntington
  – Orange and Silver Line Stations
    - Dunn Loring
    - Tysons Corner
    - Greensboro
    - Vienna
    - McLean
    - West Falls Church
    - Spring Hill
    - Wiehle-Reston East
**Metro’s Safety Surge Schedule**

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Days</th>
<th>Track Type</th>
<th>Shuttle Service</th>
</tr>
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<tbody>
<tr>
<td>June 4 – 16</td>
<td>13</td>
<td>Continuous</td>
<td>Ballston to East Falls Church</td>
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<tr>
<td>June 18 - July 3</td>
<td>16</td>
<td>Single Tracking</td>
<td>Eastern Market to Minnesota Ave/</td>
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<td>Benning Road</td>
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<tr>
<td>July 5 – 11</td>
<td>7</td>
<td>Shutdown</td>
<td>Reagan National Airport to Braddock</td>
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<tr>
<td>STARTS 8PM JULY 3</td>
<td></td>
<td></td>
<td>Road</td>
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<tr>
<td>July 12 – 16</td>
<td>7</td>
<td>Shutdown</td>
<td>Reagan National Airport to Pentagon</td>
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<td></td>
<td>City</td>
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<td>July 20 – 31</td>
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<td>Continuous</td>
<td>Ballston to East Falls Church</td>
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<td>Tracking</td>
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<td>August 1 – 7</td>
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<td>Takoma to Silver Spring</td>
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<td>Tracking</td>
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<td>August 9 – 18</td>
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<td>Shady Grove to Twinbrook</td>
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<td>Tracking</td>
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<td>August 20 – September 5</td>
<td>17</td>
<td>Continuous</td>
<td>Franconia-Springfield to Van Dorn</td>
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<td></td>
<td>Tracking</td>
<td>Street</td>
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<tr>
<td>September 9 – October 20</td>
<td>42</td>
<td>Continuous</td>
<td>Vienna to West Falls Church</td>
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<td>Tracking</td>
<td></td>
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<td>October 10 – November 1</td>
<td>23</td>
<td>Shutdown</td>
<td>Fort Totten to NoMa-Gallaudet</td>
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<td>November 3 – 11</td>
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<td>Continuous</td>
<td>East Falls Church to West Falls</td>
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<td>STARTS 8PM NOV 2</td>
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<td>Tracking</td>
<td>Church</td>
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<td>November 12 – December 6</td>
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<td>Greenbelt to College Park</td>
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<td>Tracking</td>
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<tr>
<td>December 7 – 24</td>
<td>18</td>
<td>Shutdown</td>
<td>Rosslyn to Pentagon</td>
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<td>EXCEPT AM DEC. 17</td>
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<tr>
<td>January 2 – 13 &amp; February 3</td>
<td>24</td>
<td>Continuous</td>
<td>Braddock Road to Huntington/Van Dorn</td>
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<tr>
<td>* STARTS 8PM JAN. 3</td>
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<td>Tracking</td>
<td>Street</td>
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<td>March 6 – 19</td>
<td>14</td>
<td>Continuous</td>
<td>East Falls Church to West Falls</td>
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<tr>
<td></td>
<td></td>
<td>Tracking</td>
<td>Church</td>
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</tbody>
</table>

*Note: No track work during Inauguration Week (Jan 15-21)

Information subject to change. Visit WMATA.com/safetrack for updates.
Mitigation Overview

- Promote alternative transit service
- Promote park-and-ride facilities where capacity and connecting transit service exist
- Promote Commuter Connections, flexible work schedule, and telework options
  - Employer telework/flex schedule options will be key to relieve peak-of-the-peak crowding
- Public communications/outreach planning and coordination
- Provide options so transit riders do not shift to single occupant vehicles
Mitigation Overview

• Commuter Connections
  – commuterconnections.org; facilitated by Metropolitan Washington Council of Governments
  – Provides information to allow commuters to:
    • Locate regional telework/co-work centers (locations that generally provide a work setting with IT and other business amenities)
    • Find carpools and vanpool services
    • Facilitate park-and-ride searchers
    • Guaranteed Ride Home program sign-up
  – Regional database to leverage commuter options and programs (12,000 employers/40,000 commuters)
Mitigation Overview

• Public Outreach Strategies
  – Fairfax County information landing page: 
    fairfaxcounty.gov/fcdot/safetrack
  – Collaboration with local and regional PIOs, COG, and 
    WMATA communications
  – Close coordination with TDM staff engaging in 
    employer outreach efforts
  – Coordination with Fairfax Connector Telephone 
    Information Center
  – Information dissemination through all platforms
Mitigation Overview

• Shuttle and supplemental bus service plans will be direct and easy to understand for riders

• Manage expectations:
  – Capacity of one bus: approx. 55 riders (with standees)
  – Capacity of one Metro railcar: approx. 175 riders (with standees)
  – Capacity of one 6-car Metrorail train = capacity of 20 buses (approximate)
Mitigation Overview

• Shuttle/supplemental bus service plans:
  – Will be responsive to ridership, as resources and bus availability permits
  – Fairfax Connector’s shuttle/supplemental service will complement Metro’s shuttle bus service
  – $4 express fare for all services (393, 394, 599, shuttle routes)
Mitigation Strategies

Promote Existing Service Options:

Local bus routes
- Connector 310: Huntington-Rolling Valley via Franconia Road
- Connector 321, 322: Springfield-Van Dorn St Circulator
- Connector 401, 402: Springfield-Tysons
- Metrobus 1A, 2A, 38B: Ballston-OR/SV Parallel Service
- Metrobus 10A: Huntington-Pentagon
- Metrobus 16A: Annandale-Pentagon
- Metrobus 25B, 28A: BL/YL-OR/SV Ballston/Tysons Cross-County

These local routes operate daily, early morning through late evening
Promote Existing Service Options:

- Express/limited-stop bus routes:
  - Connector 393, 394: Saratoga-Pentagon
  - Connector 395: Gambrill-Pentagon
  - Connector 494: Lorton-Springfield-Tysons
  - Connector 495: Burke Centre VRE-Tysons
  - Connector 599: Reston-Pentagon
  - Metrobus 5A: DC-Dulles
  - Metrobus 11Y: Mt. Vernon-Farragut Square
  - Metrobus 16L: Annandale-Pentagon
  - Metrobus 17-Line: Burke-Pentagon
  - Metrobus 18-Line: Springfield-Pentagon
Mitigation Strategies

Promote Existing Service Options:

VRE commuter rail:
- Fredericksburg Line: Spotsylvania-Union Station via Crystal City and L’Enfant Plaza
- Manassas Line: Broad Run-Union Station via Crystal City and L’Enfant Plaza
- Park-and-ride capacity at the Burke Centre (Manassas Line) and Franconia-Springfield VRE stations
Mitigation Strategies

- **Orange Line** and **Silver Line** (Dulles/I-66 Corridor) Safety Surges (Multiple SafeTrack Phases):
  - Express shuttle service between Vienna and Pentagon (Connector)
  - Supplemental Dulles Corridor/I-66 express service between Reston and Pentagon (Connector 599); Herndon and Rosslyn (Metrobus 5A)
  - Supplemental OR / SV parallel local service (Metrobus 2A, 3Y, 38B)
  - Shuttle service between Vienna and West Falls Church (Metrobus; *Vienna-West Falls Church surge only*)

- Promote park-and-ride lots and Metro/VRE stations with available parking capacity

- Promote other bus and VRE alternatives
Mitigation Strategies

Park & Ride Facilities With Available Capacity:
Burke Centre VRE
- 600+ spaces available
Franconia-Springfield Metro
- 1,000+ spaces available
Herndon-Monroe Park & Ride
- 900+ spaces available
Rolling Valley Park & Ride
- 200+ spaces available
Saratoga Park & Ride
- 400+ spaces available
Vienna Metro
- 400+ spaces available
West Falls Church Metro
- 1,000+ spaces available
Mitigation Strategies

- **Blue Line** and **Yellow Line** Safety Surges (Multiple SafeTrack Phases):
  - Express shuttle service between Franconia-Springfield and Pentagon (Connector and Metrobus)
  - Supplemental I-95/395 express service between Saratoga Park & Ride and Pentagon (Connector 393, 394)
  - Supplemental George Washington Pkwy express service (Metrobus 11Y)
  - Supplemental BL / YL parallel local service (Metrobus 10A)

- Promote park-and-ride lots and Metro/VRE stations with available parking capacity

- Promote other bus and VRE alternatives
Mitigation Strategies

Park & Ride Facilities With Available Capacity:
Burke Centre VRE
• 600+ spaces available
Franconia-Springfield Metro
• 1,000+ spaces available
Huntington Metro
• 500+ spaces available
Rolling Valley Park & Ride
• 200+ spaces available
Saratoga Park & Ride
• 400+ spaces available
West Falls Church Metro
• 1,000+ spaces available
Mitigation Strategies

Existing and Requested Night Bus Service:

Local bus routes:
- Connector 310, 321, 322, 401, 402
- Metrobus 1A, 2A, 10A, 16A, 28A, 38B

Express bus routes:
- Metrobus 5A

Requested service:
- Metrobus: Pentagon-Springfield and DC-Pentagon Shuttle
- Further Metro coordination required; not final
Next Steps

- Continued shuttle/supplemental bus service planning and coordination
  - Fairfax Connector and Metrobus planning staff
  - Other regional partner coordination
  - Operations training
  - Public outreach
Comments / Questions?