



County of Fairfax, Virginia

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# 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



<i>Dunn Loring</i>	<i>Tysons Corner</i>
<i>Greensboro</i>	<i>Vienna</i>
<i>McLean</i>	<i>West Falls Church</i>
<i>Spring Hill</i>	<i>Wiehle-Reston East</i>



# Metro's Safety Surge Schedule

1	June 4 - 16	13 days	OR SV	Continuous Single Tracking	Ballston to East Falls Church
2	June 18 - July 3	16 days	OR SV BL	Line Segment Shutdown	Eastern Market to Minnesota Ave/Benning Road
3	July 5 - 11 <small>STARTS 8PM JULY 5</small>	7 days	YL BL	Line Segment Shutdown	Reagan National Airport to Braddock Road
4	July 12 - 18	7 days	YL BL	Line Segment Shutdown	Reagan National Airport to Pentagon City
5	July 20 - 31	12 days	OR SV	Continuous Single Tracking	Ballston to East Falls Church
6	August 1 - 7	7 days	RD	Continuous Single Tracking	Takoma to Silver Spring
7	August 9 - 18	10 days	RD	Continuous Single Tracking	Shady Grove to Twinbrook
8	August 20 - September 5	17 days	BL YL	Continuous Single Tracking	Franconia-Springfield to Van Dorn Street
9	September 9 - October 20	42 days	OR	Continuous Single Tracking	Vienna to West Falls Church
10	October 10 - November 1	23 days	RD	Line Segment Shutdown	Fort Totten to NoMa-Gallaudet
11	November 3 - 11 <small>STARTS 10PM NOV. 2</small>	9 days	OR SV	Continuous Single Tracking	East Falls Church to West Falls Church
12	November 12 - December 6	25 days	GR YL	Continuous Single Tracking	Greenbelt to College Park
13	December 7 - 24 <small>EXCEPT AM DEC. 17</small>	18 days	BL	Line Segment Shutdown	Rosslyn to Pentagon
14	January 2 - 13 & January 23 - February 3* <small>STARTS 10PM JAN. 22</small>	24 days	YL BL	Continuous Single Tracking	Braddock Road to Huntington/Van Dorn Street
15	March 6 - 19	14 days	OR SV	Continuous Single Tracking	East Falls Church to West Falls Church

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

NOTE: INFORMATION SUBJECT TO CHANGE. VISIT [WMATA.COM/SAFETRACK](http://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](http://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:

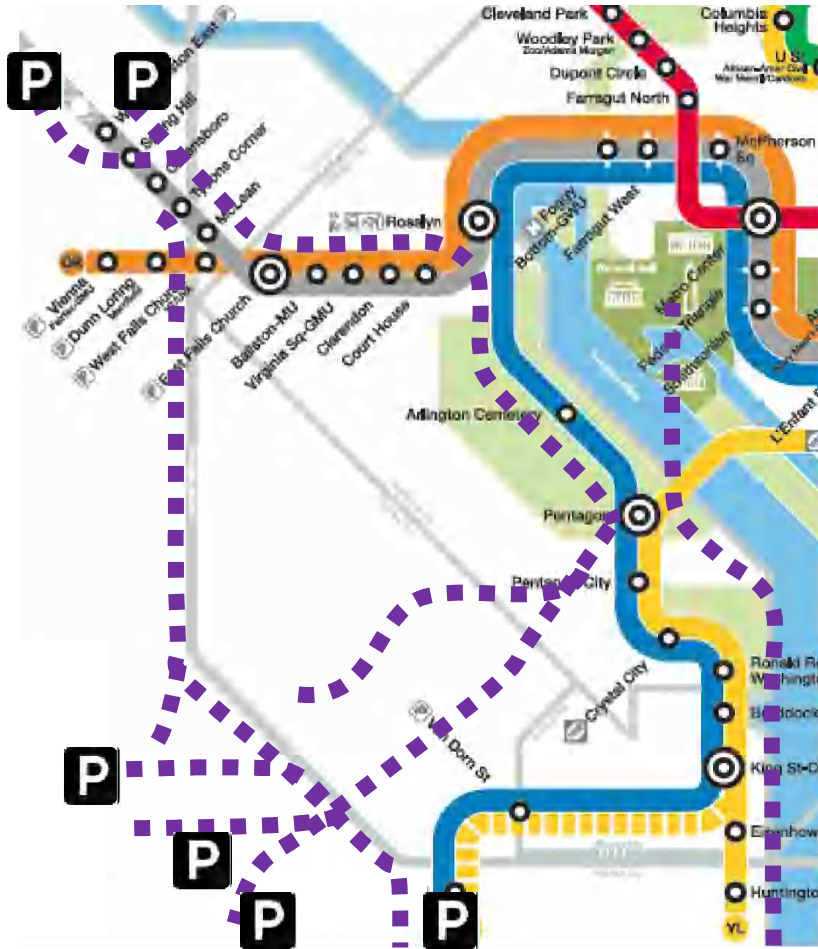
### Local bus routes

- 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



# Mitigation Strategies



## 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

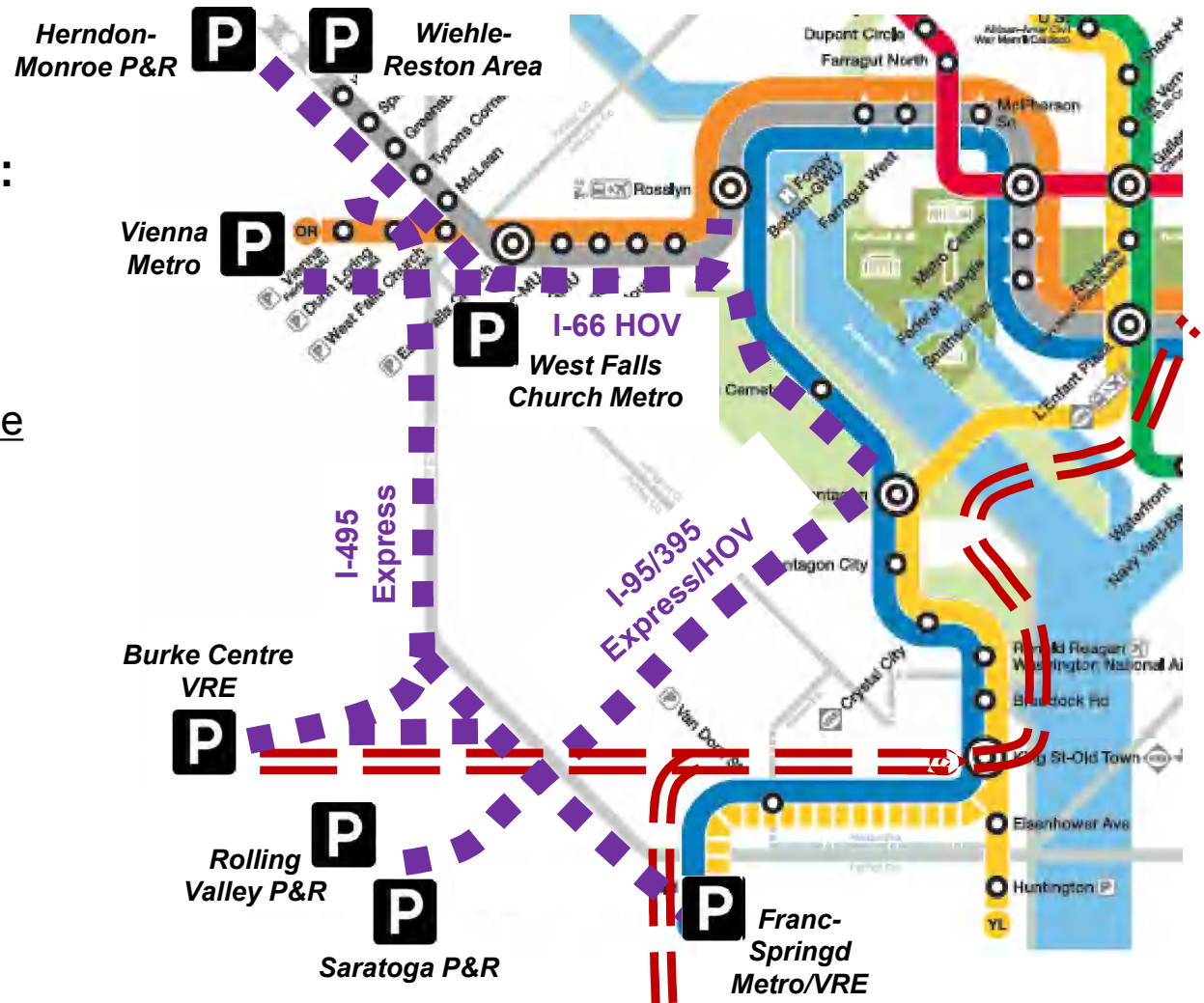




## Park & Ride Facilities With Available Capacity:

### 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



## 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

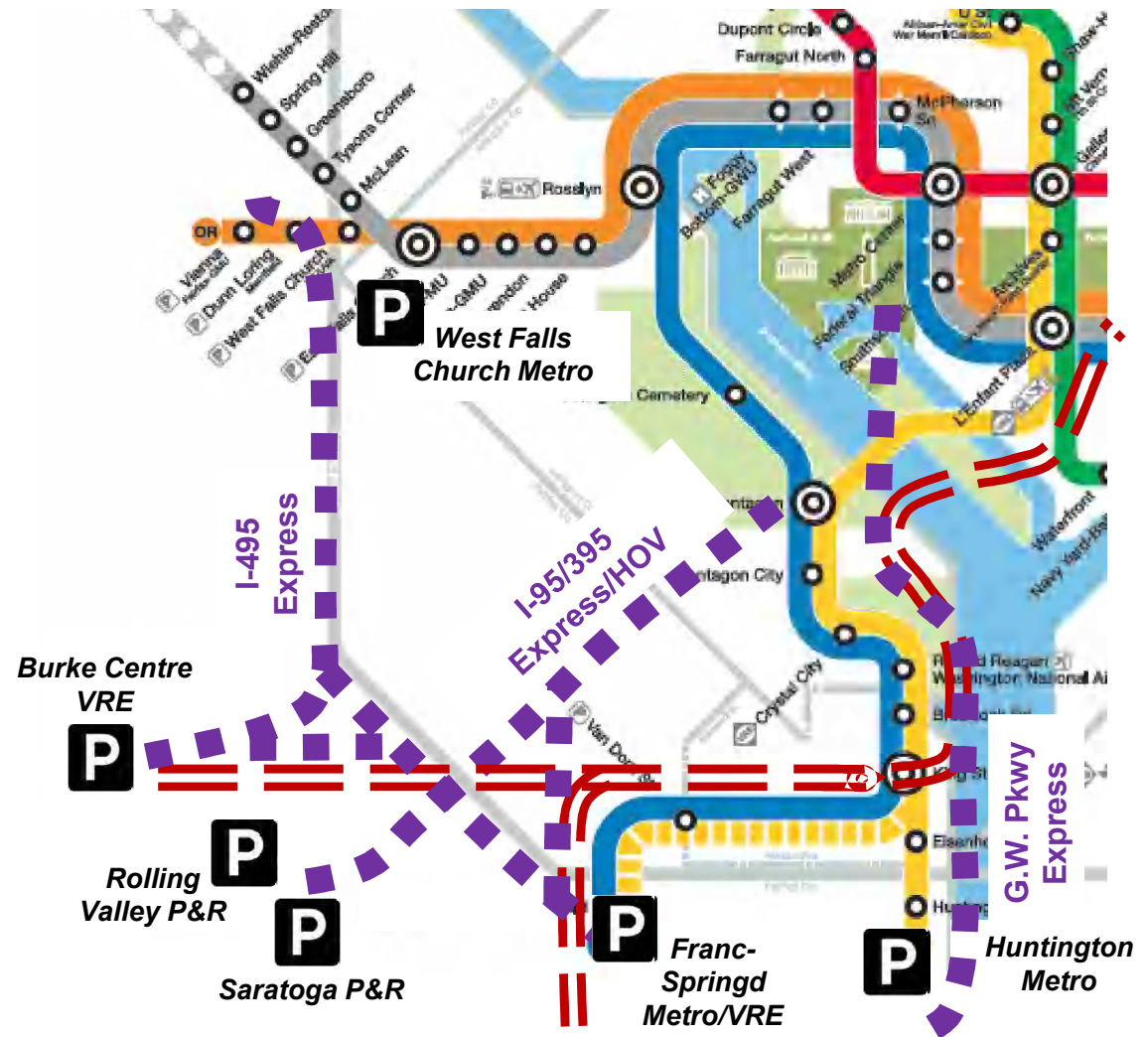
- 200+ spaces available

### 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?