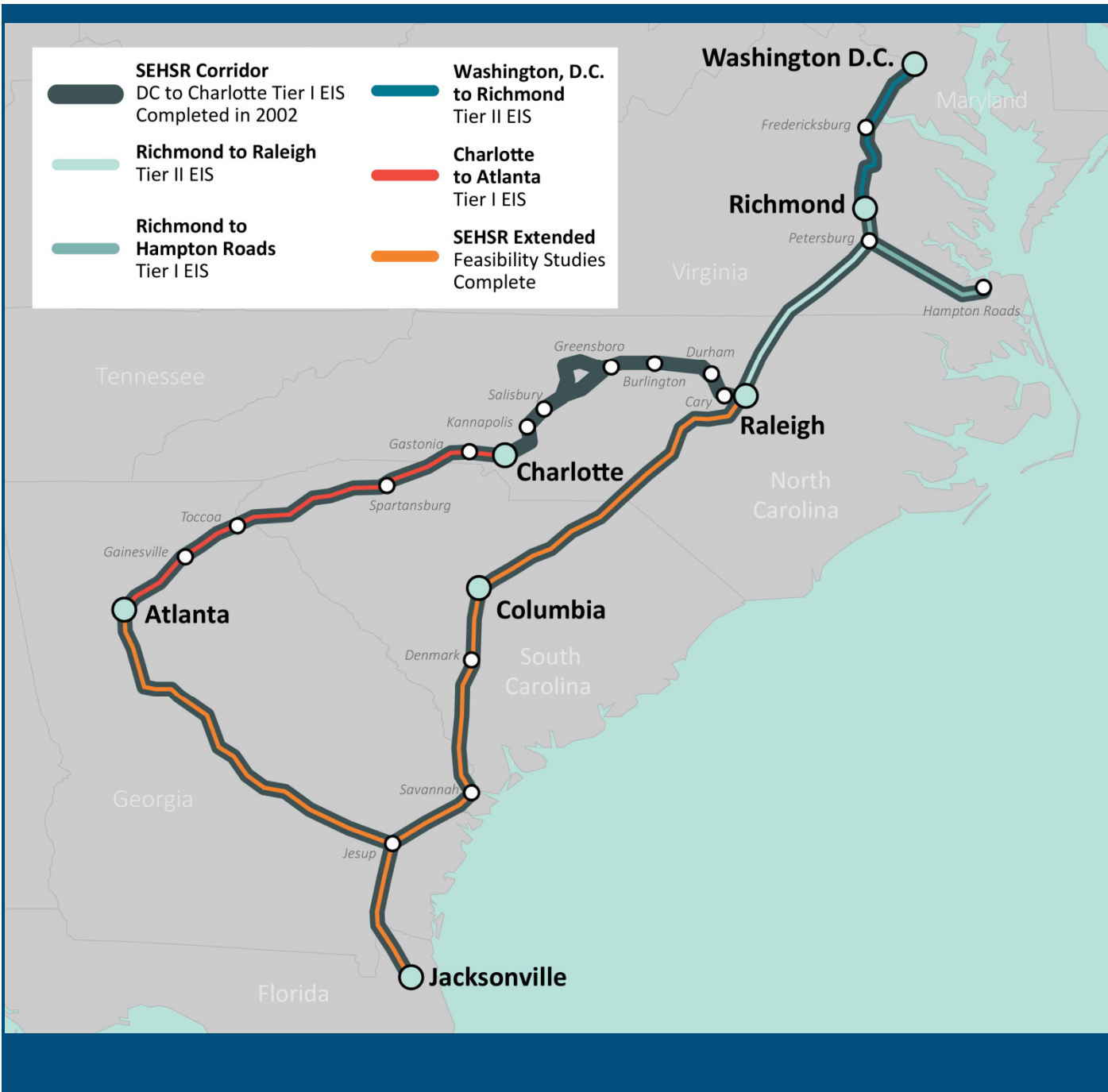




# DC2RVA CTB October Update

October 18, 2016



# Southeast High Speed Rail (SEHSR)

# DC2RVA Purpose & Need

 **Increase Reliability** 

 **Improve Frequency** 

 **Reduce Travel Time** 

 **Increase System Capacity** 

# Schedule



Scoping

DRAFT Draft Purpose & Need      Final Purpose & Need

Alternatives

Screening



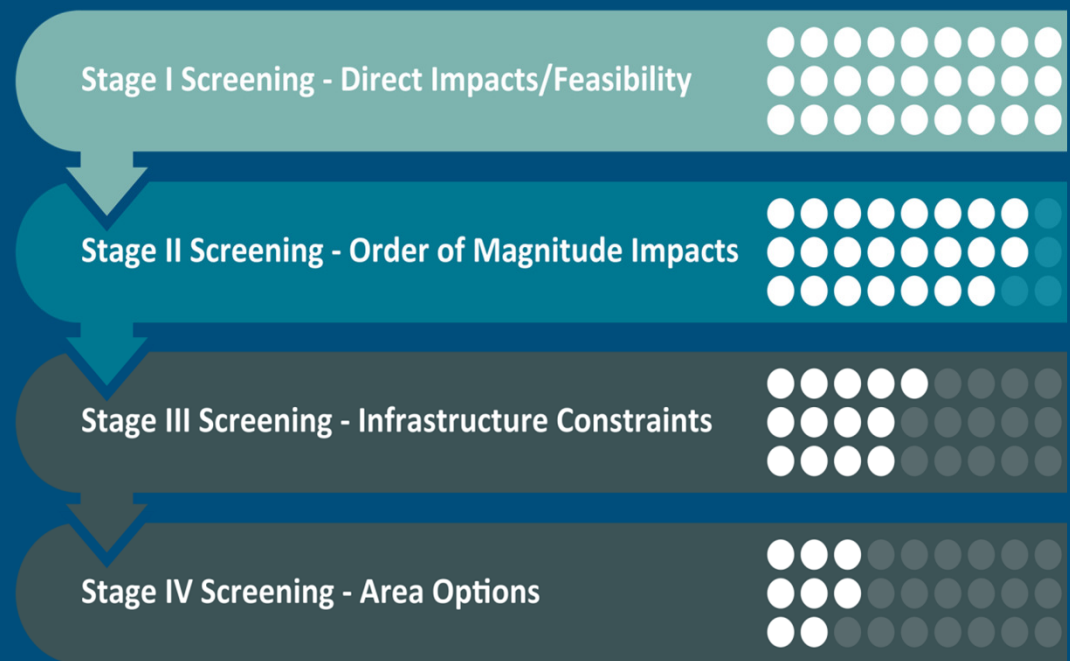
DRAFT Draft EIS      Final EIS

Record of Decision



# Draft EIS Evaluation Criteria & Screening Process

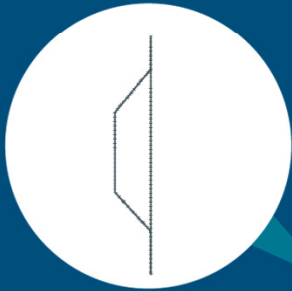
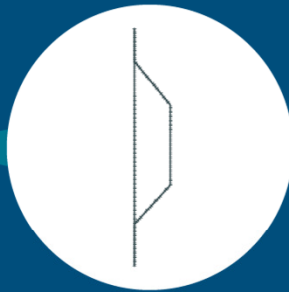
- Purpose and Need
- Natural/environmental
  - Wetlands
  - Air Quality
  - Noise
- Social
  - Cultural Resources
  - Environmental Justice
  - Title VI
  - Public Safety
- Economic
  - Annual O&M Costs
  - Infrastructure Costs
  - Ridership



Washington, D.C.



Fredericksburg



Ashland

Richmond

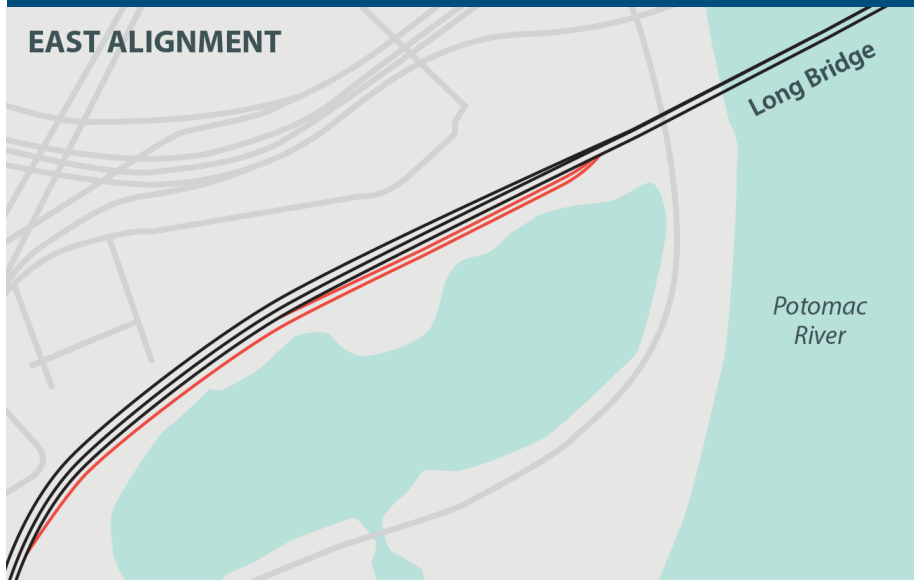


## Summary of Alternatives Carried Forward

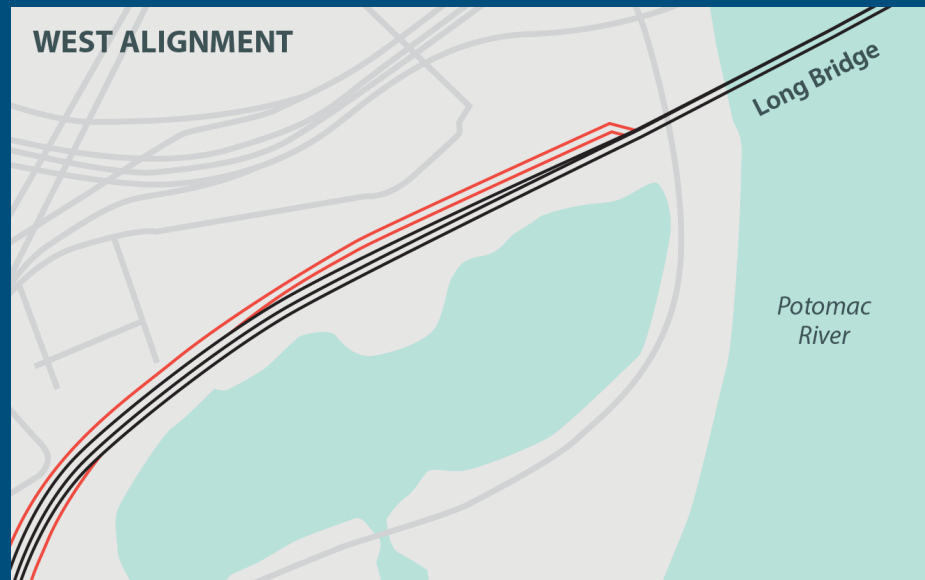
# Arlington Area

- Existing Track
- Proposed Track
- Shifted Track

EAST ALIGNMENT

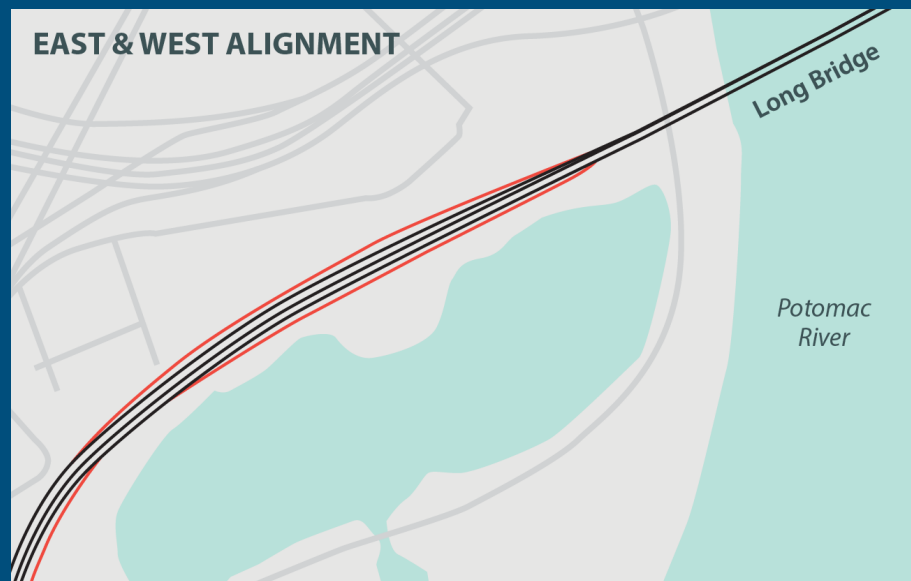


WEST ALIGNMENT



# Arlington Area

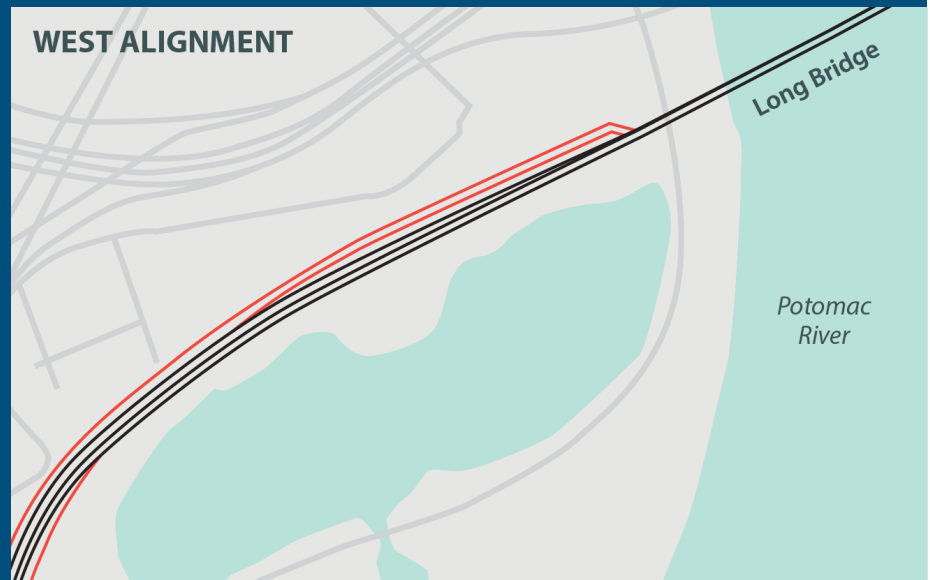
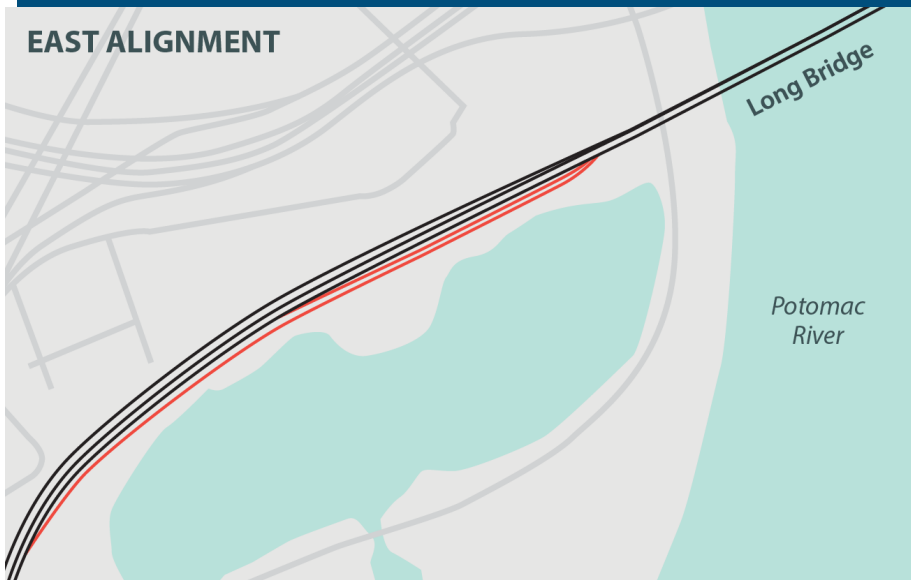
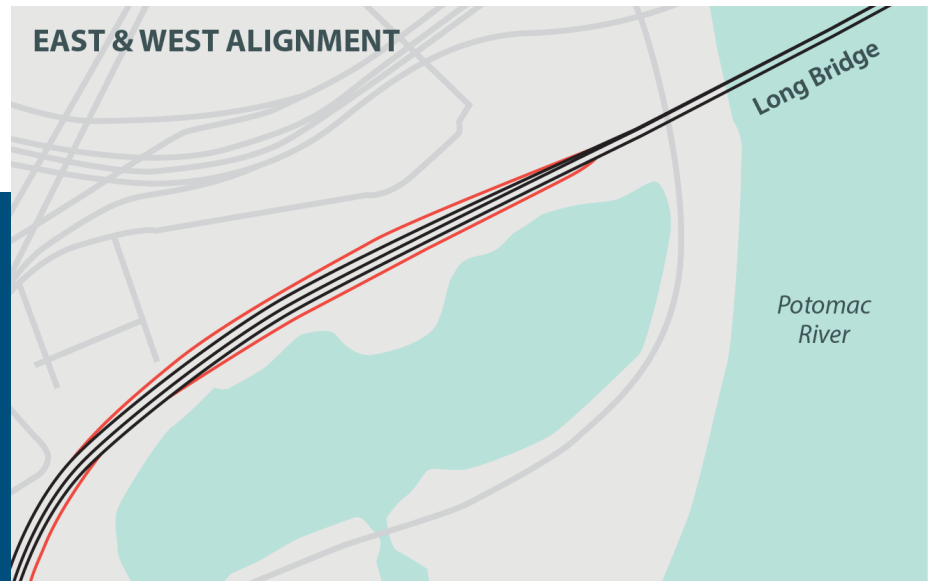
- Existing Track
- Proposed Track
- Shifted Track



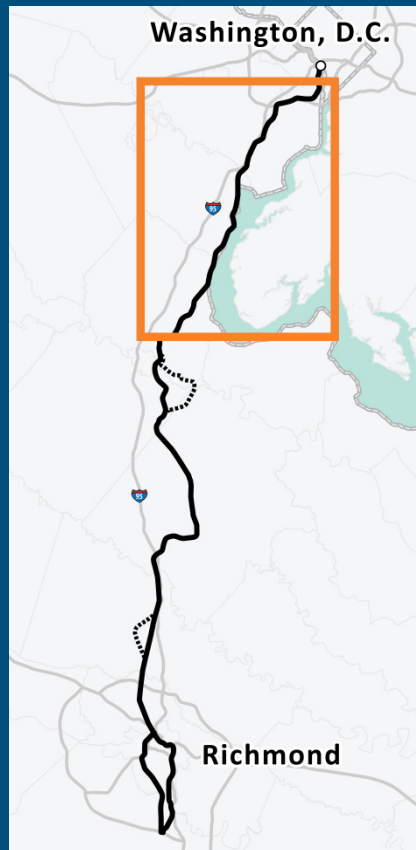


# Arlington Area

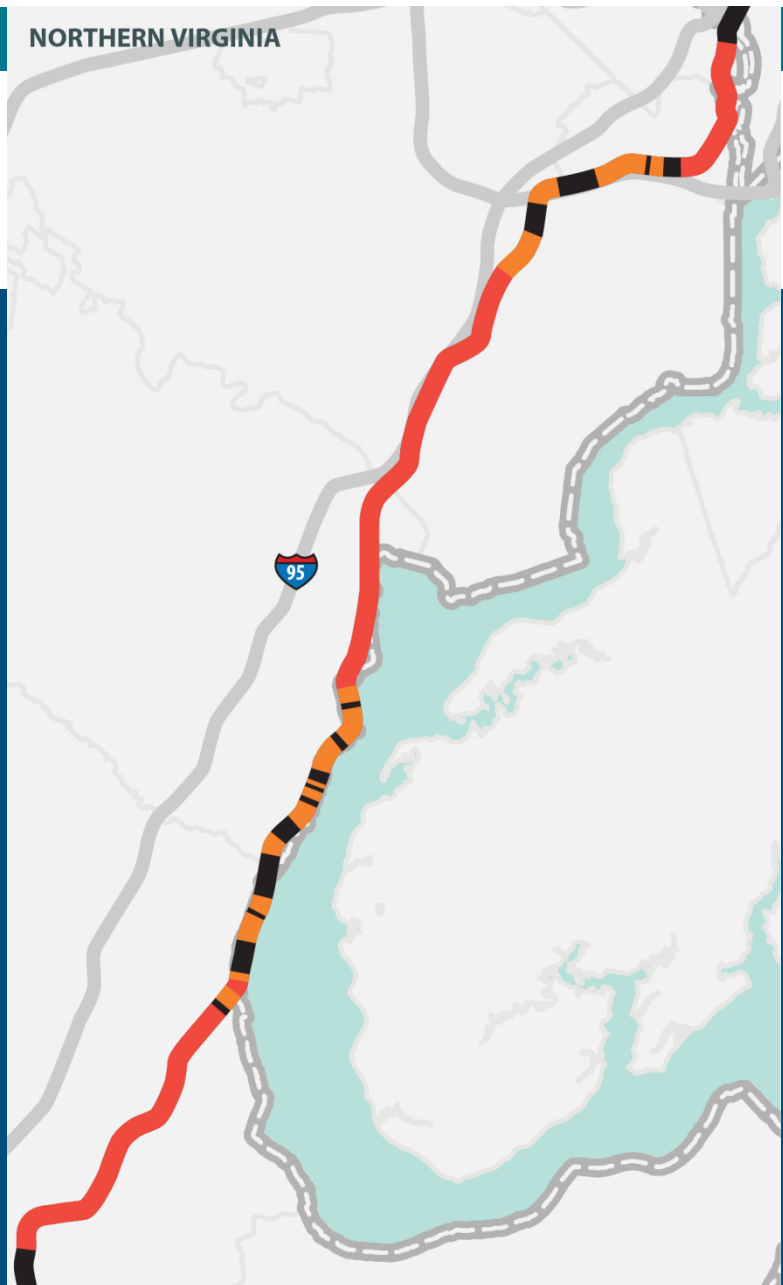
- Existing Track
- Proposed Track
- Shifted Track



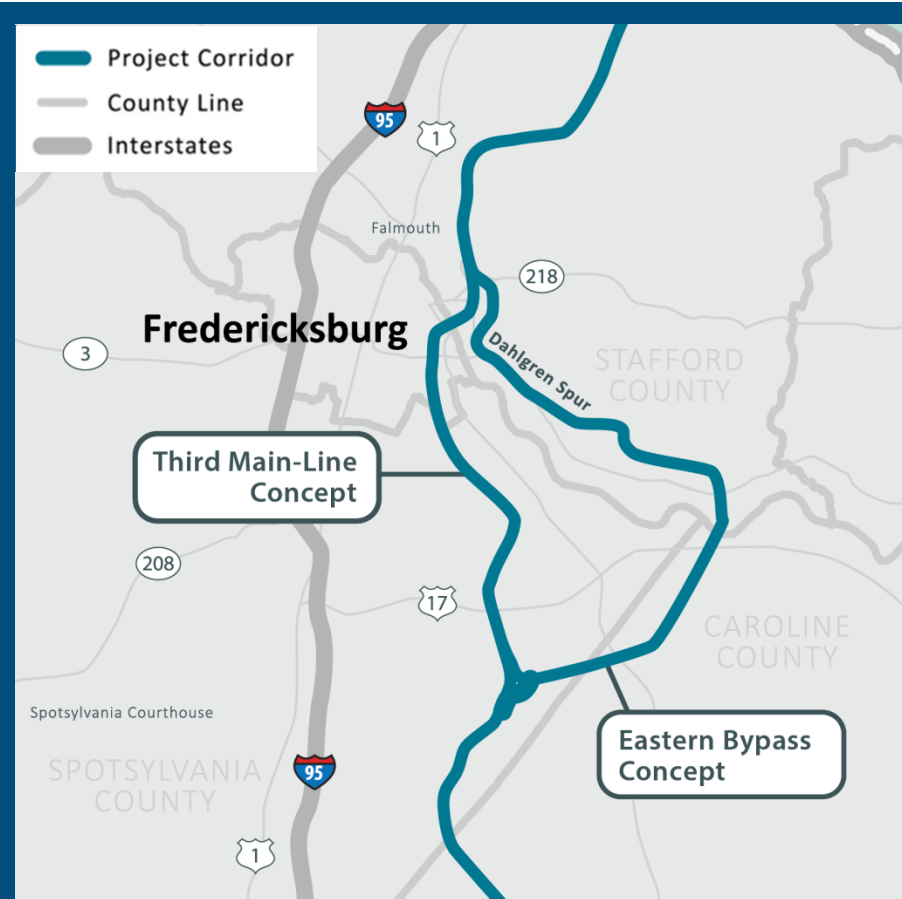
# Northern Virginia – Common Corridor



- Existing Track
- Proposed Track
- Shifted Track



# Fredericksburg & Ashland Concepts

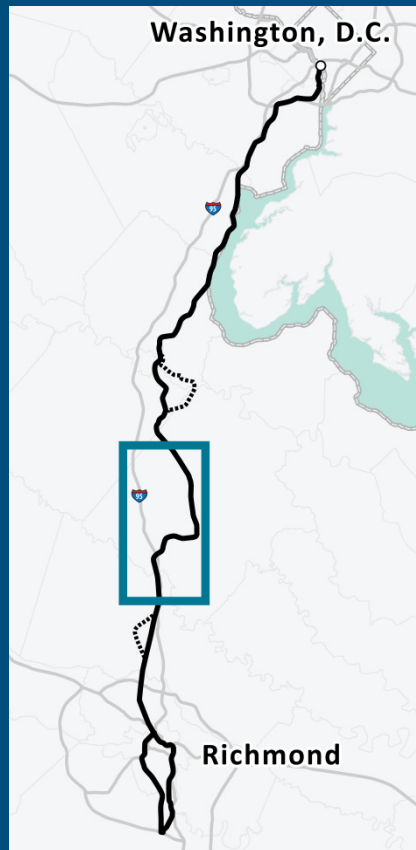


Fredericksburg Bypass

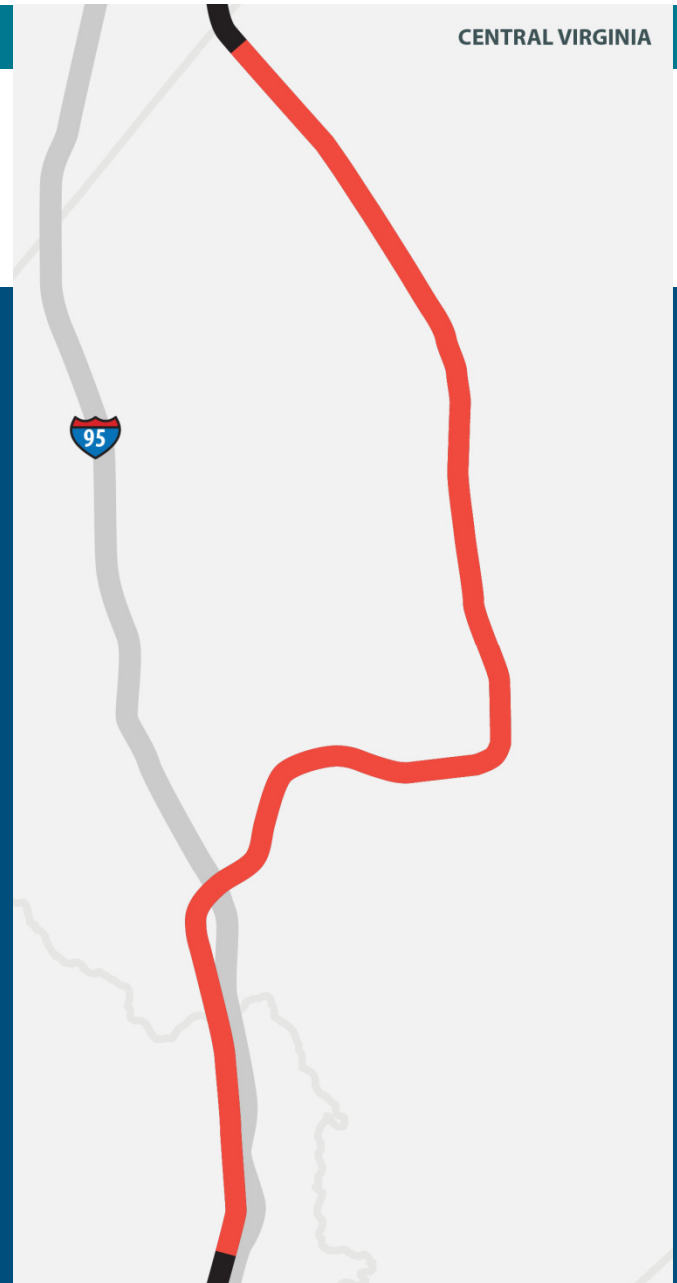


Ashland Bypass

# Central Virginia – Common Corridor

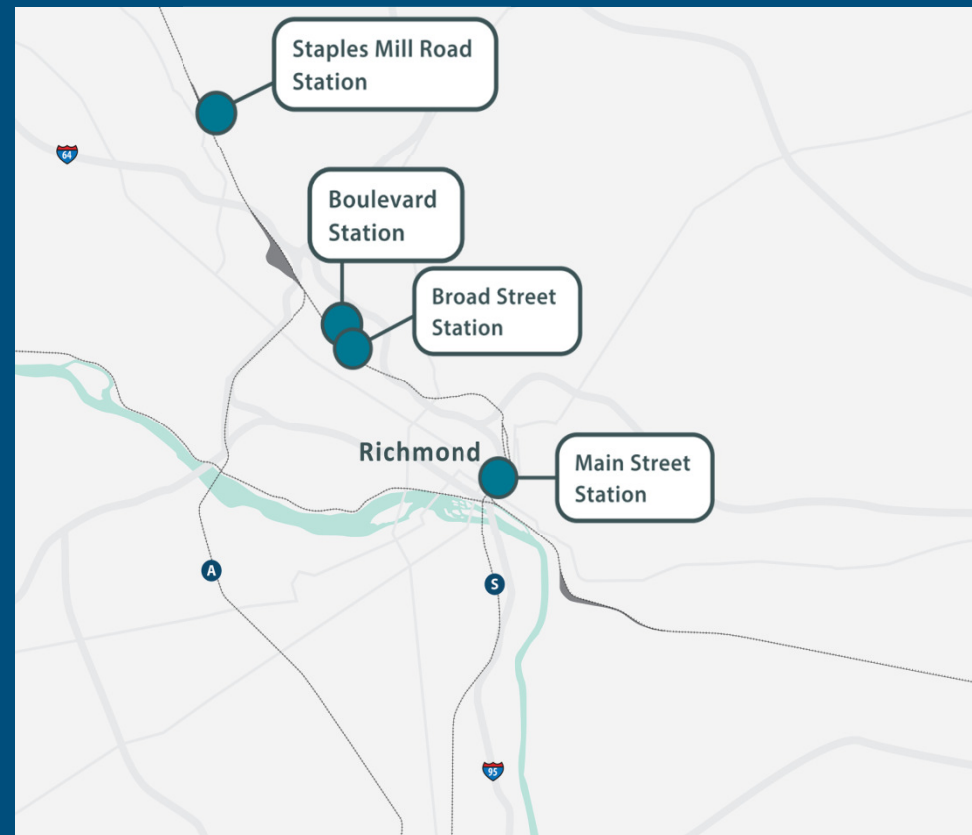


- Existing Track
- Proposed Track
- Shifted Track



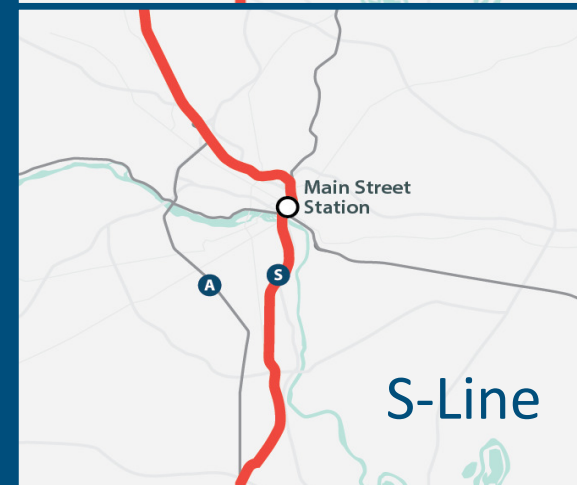
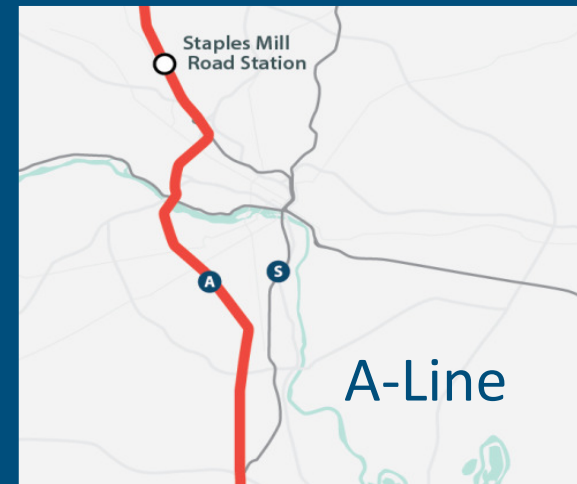
# Richmond Station Concepts

- Single-station options:
  - Boulevard (new)
  - Broad Street (new)
  - Main Street
  - Staples Mill Road
- Two-station option:
  - Staples Mill Road & Main Street



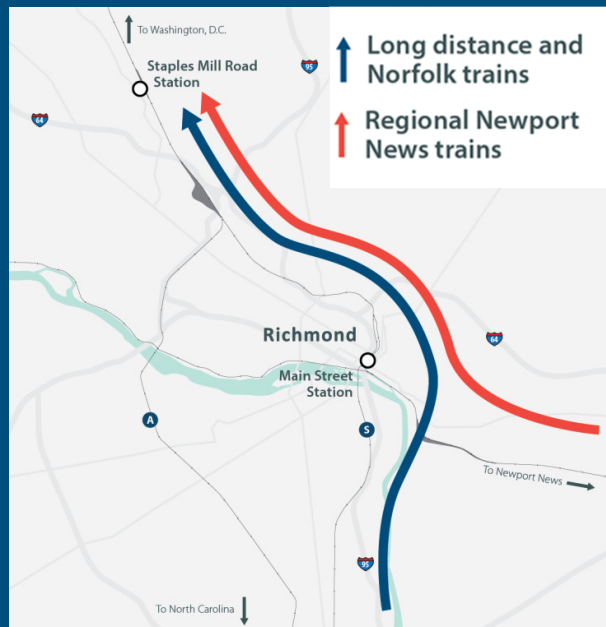
# Richmond Route Concepts

- A-Line:
  - Double main-line capacity
  - Existing primary passenger service route
  - Double-track bridge across James River
- S-Line:
  - Single main-line capacity
  - Limited passenger service (Hampton Roads)
  - Significant speed restrictions
  - Unwelded track
  - Single-lane bridge across James River



# Richmond Two-Station Service Concepts\*

Main Street & Staples Mill Road- Full Service



Main Street & Staples Mill Road- Split Service



Main Street & Staples Mill Road- Shared Service



\* Drawings are conceptual and not to scale

# Richmond Single-Station Service Options\*

## Boulevard Only (new)



## Broad Street Only (new)



\* Drawings are conceptual and not to scale



# Richmond Single-Station Service Concepts\*

## Main Street Only



## Staples Mill Road Only



\* Drawings are conceptual and not to scale

# DC2RVA Project – Anticipated Next Steps

- FRA DEIS review
- Local briefings
- Draft EIS release – 12/2016
- Draft EIS Public Hearings - 1/2017
- 45-day public comment period
- Compile public comments
- CTB review
- Service development planning, preliminary engineering, and additional analysis
- Additional local coordination; ongoing coordination with Atlantic Gateway Program and other related transportation projects
- Final EIS
- Record of Decision to be issued by FRA

