

2045 Long Range Transportation Plan Update

November, 2017



Agenda

1. New Map-21/FAST Act Requirements
2. I-95 Phase 2
3. Revised financial forecasts
4. Schedule

New Map-21/FAST Act Performance Measure Requirements

New Federal Requirements for MPOs

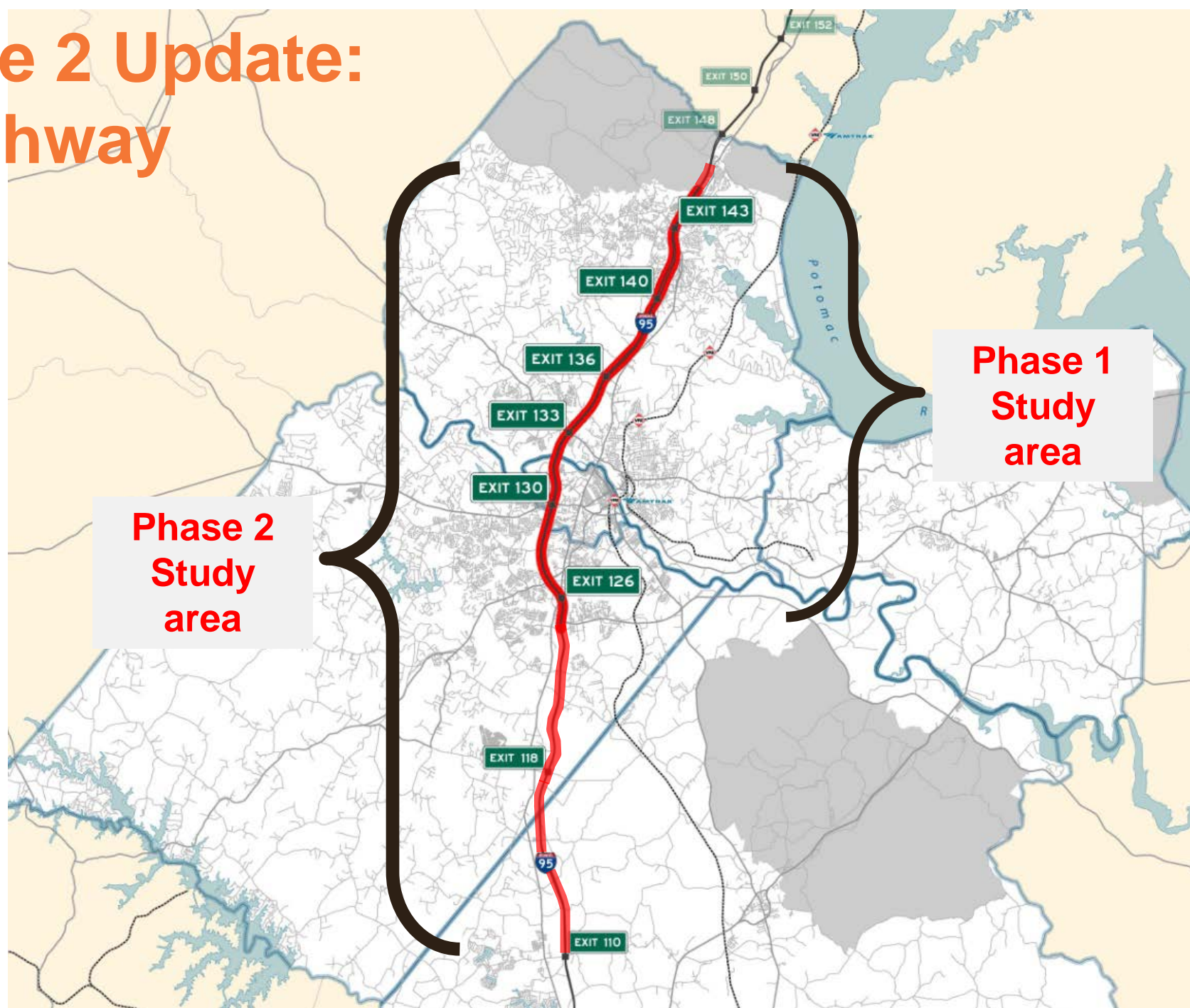
1. New Federal Code: 23 CFR Part 490
2. State DOT: 1 year from effective date of final Rule
3. MPOs:
 - 180 days after the State DOT for MPO target approval
 - CLRP/TIP Compliance by 5/27/18 for Safety, Transit Asset Management, and some other measures
 - CLRP/TIP Compliance by 5/20/18 for PM-2 & PM-3 measures

Seven performance measures areas

1. Safety
2. Infrastructure Condition
3. Congestion Reduction
4. System Reliability
5. Freight Movement and Economic Vitality
6. Environmental Sustainability
7. Reduced Project Delivery Delays

Working towards MPO Action on Safety (#1), Transit Asset Management (part of #2), and some other Map-21/FAST Act CLRP requirements/recommendations for MPO action in December, 2017. Other Map-21/FAST Act CLRP requirements to be addressed in planned FY-2019 LRTP update.

I-95 Phase 2 Update: Highway



**Phase 2
Study
area**

**Phase 1
Study
area**

Recent Updates on I-95 Phase 2 Highway

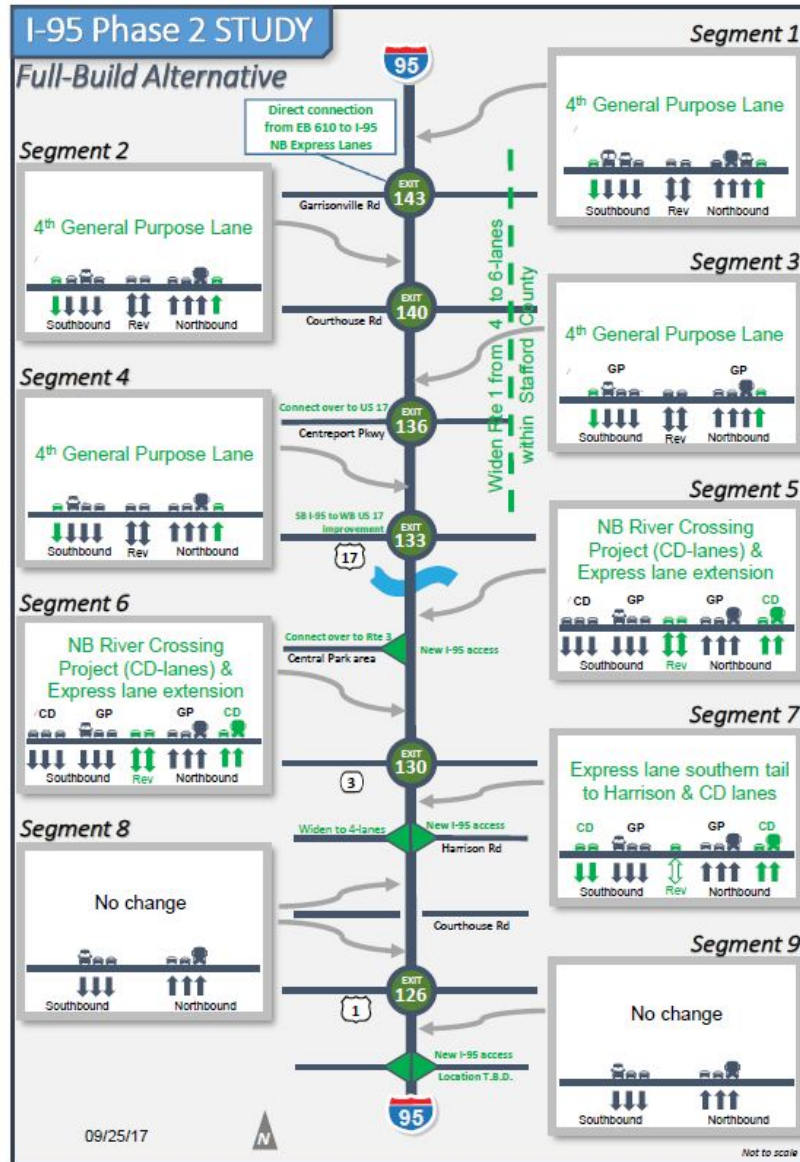
Some new information from VDOT on Exit 126 traffic and potential improvements and likely connection between FREDEx and River Crossing projects

Redevelopment of Base and No Build traffic for VISSIM modeling effort based on new information from VDOT

Model updates have slowed down schedule by about one month. Next meeting scheduled for 11/16 at 1 PM will show new Existing and No Build traffic results and some build analysis

Draft Improvements Under Consideration

Draft
Full-Build
Alternative



Green color indicated infrastructure changes to be tested as build alternatives

Other proposed concepts not shown:

- 1) Improve or construct non-interstate roadways parallel to I-95 to the east or west
- 2) New roadway connecting Stafford Courthouse area to King George toward Dahlgren
- 3) Improvements at Exit 133 to help traffic to / from east
- 4) ITS improvements such as Active Traffic Mgmt Systems (ATMS), Integrated Corridor Mgmt (ICM), ramp metering, variable speed, shoulder lane usage & other innovations.

2045 LRTP Revised Financial Forecasts

- **Late September – New Financial forecasts released by VDOT for all Virginia MPOs**
- **Need to revised Financial Forecasts based on New Information**
- **Summary**
 - **Higher financial assumptions for current SYIP period: FY 18-23**
 - **Lower financial assumptions for out years of CLRP from FY-24 to FY-45**
 - **Will likely cause fewer projects to be able to be included in 2045 CLRP relative to 2040 CLRP**

Limited Funding for 2045 CLRP for 2018 to 2045 Timeframe

Highway Capacity Expansion

1. Old: Available Funding for FY-24 to FY-45 \$706 Million
2. New: Available Funding for FY-24 to FY-45 \$451 Million
 - FY-18 to FY-23: \$310 Million ~ \$52 Million/year
 - FY-24 to FY-30: \$232 Million ~ \$33 Million/year
 - FY-31 to FY-45: \$219 Million ~ \$15 Million/year
 - Total for FY-18 to FY-45 is \$761 Million, but most of FY-18-23 is on committed projects

Transit

1. Available Funding ~ \$112 Million; Most funding needed for existing service
2. Limited Funding for New Transit Capitol and Additional Transit Operating

Additional Funding

1. GWRC 5307 NTD funding ~ \$30 Million
2. Local Funding ~ \$463 Million (Stafford, City, & Spotsylvania)

Proposed Funding Scenarios

1. Constrained Long Range Transportation Plan (CLRP)

- Highway Funding ~ \$761 Million (But only \$451 Million for new projects)
- Transit Funding ~ \$112 Million
- Local Funding ~ \$463 Million
- Additional Funding ~ \$30 Million (GWRC 5307)
- Total: \$1.37 Billion

2. Additional Potential Revenues above CLRP (Additional \$2 Billion)

- Assumes additional Federal/State/Local/Private revenues from a variety of sources
- Total: \$3.37 Billion

3. Unconstrained Needs Plan (About \$10 Billion for 2040 LRTP)

Bicycle and Pedestrian Update



Schedule Update

1. November:

- Alternatives Development and Analysis for I-95 Phase 2 Highway
- Completion of Transit/TDM and Bike/Ped Analysis
- 1st – Next LRTP AC Meeting - #7
- 16th – Special I-95 Phase 2 Highway Meeting at 1 PM with Goto Meeting option

2. December:

- Some LRTP Documentation available for review
- Completion of Highway Analysis for CLRP
- 11th – Special FAMPO Technical Committee – Approval of some LRTP items
- 11th - LRTP AC Meeting - #8 at 12:30 PM
- 18th – Special FAMPO Policy Committee – Approval of some LRTP items

3. January:

- Additional Analysis for I-95 Phase 2 Highway for Smart Scale Round 3
- LRTP Draft Documentation

Upcoming Schedule Continued

4. February/April:

- Public Involvement

5. May:

- MPO Action on Approval of CLRP for FAMPO
- PDC Action on Approval of LRTP for GWRC

6. June 1st – Smart Scale Round 3 Deadline for initial Application information submission in Smart Portal

7. August 1st – Smart Scale Round 3 Submission Deadline

Questions & Input?

2045 Long Range Transportation Plan

