



Building a Better Ride

I-95 RAPPAHANNOCK RIVER CROSSING

City of Fredericksburg
Spotsylvania County
Stafford County



VTCA District Dialogue 2019

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Virginia Department of Transportation, Fredericksburg District

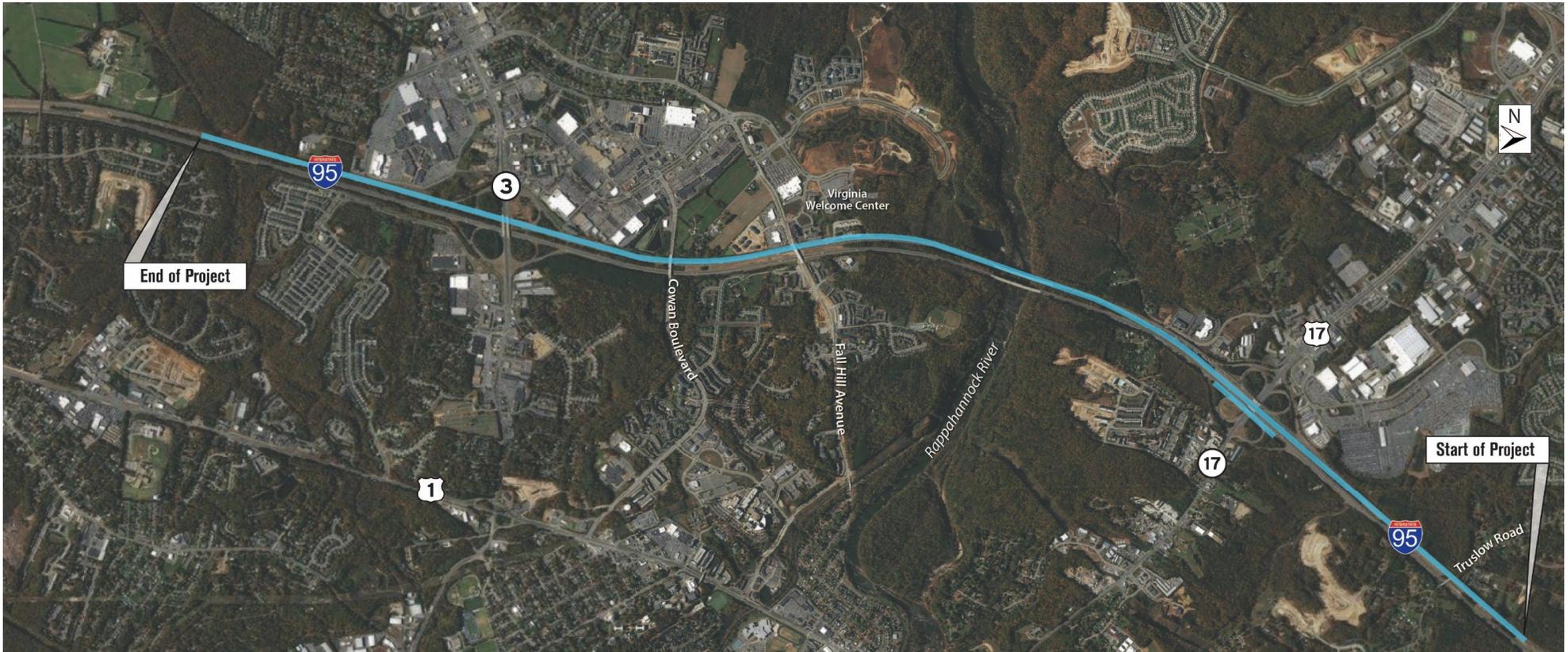
Assistant District Construction Engineer

March 19, 2019

Project Team and Leadership



Project Location

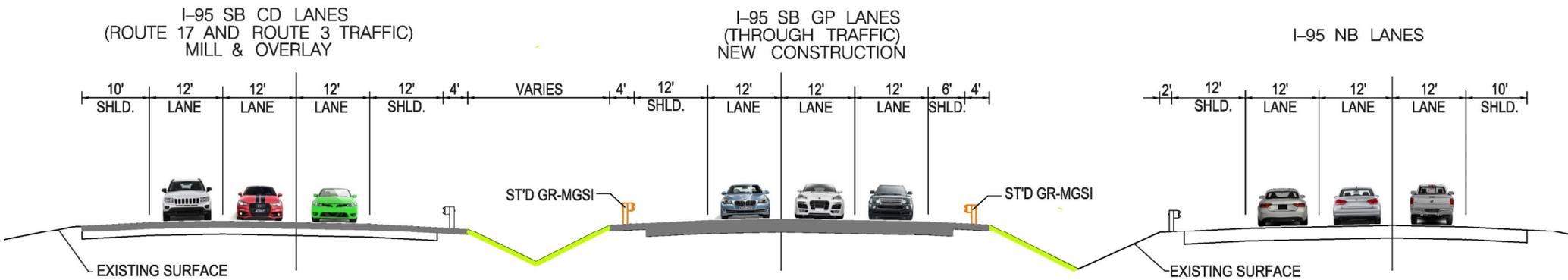


Project Fast Facts

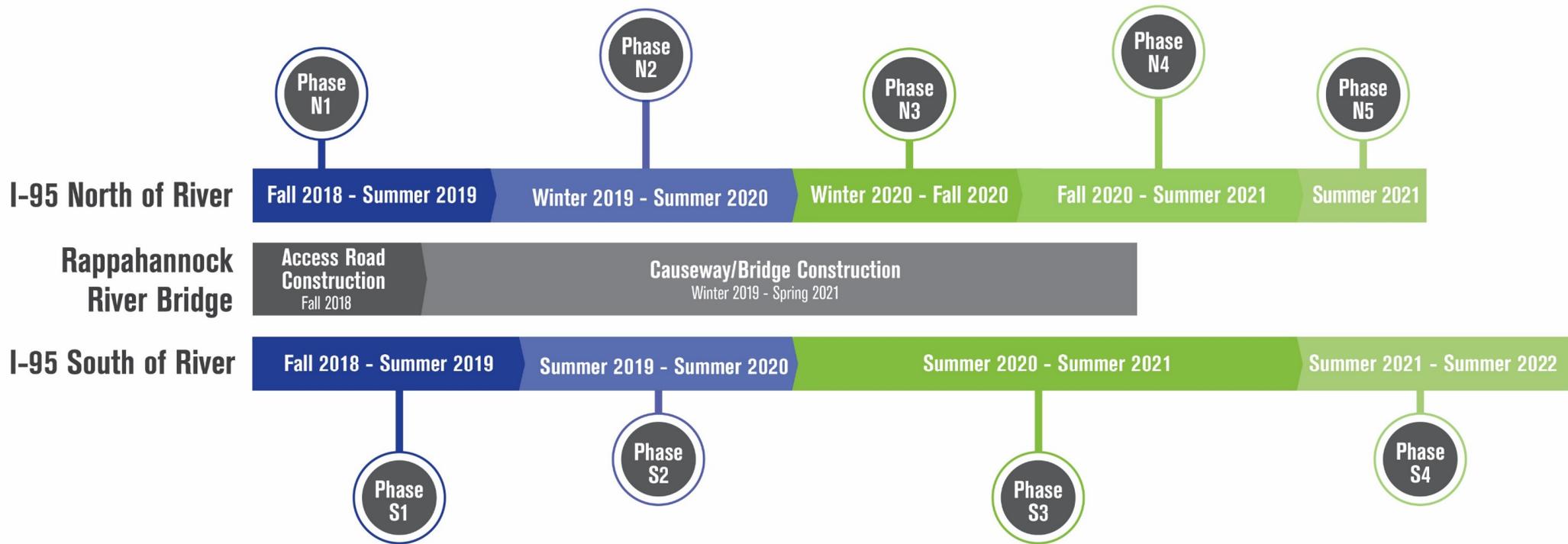
- **The project seeks to reduce I-95 congestion by:**
 - **doubling I-95 southbound capacity in the Fredericksburg area**
 - **dividing traffic into separate lanes for the Route 3 and Route 17 interchanges, and general purpose lanes**
- **Adds three additional lanes of I-95 southbound in the existing I-95 median beginning just north of Route 17 and ending just south of Route 3.**
- **Replaces existing structurally deficient SB and NB I-95 bridges over Route 17 and improves height restrictions on Route 17 under I-95**
- **Contract Value: \$101.6 Million**
- **Approximately 8,000 cubic yards of cast-in-place concrete**
- **Approximately 17.5 lane miles of interstate construction**

Final Configuration

I-95 SOUTHBOUND GENERAL PURPOSE LANES AND COLLECTOR-DISTRIBUTOR LANES IMPROVEMENTS SECTION SOUTH OF THE RAPPAHANNOCK RIVER



Project Schedule

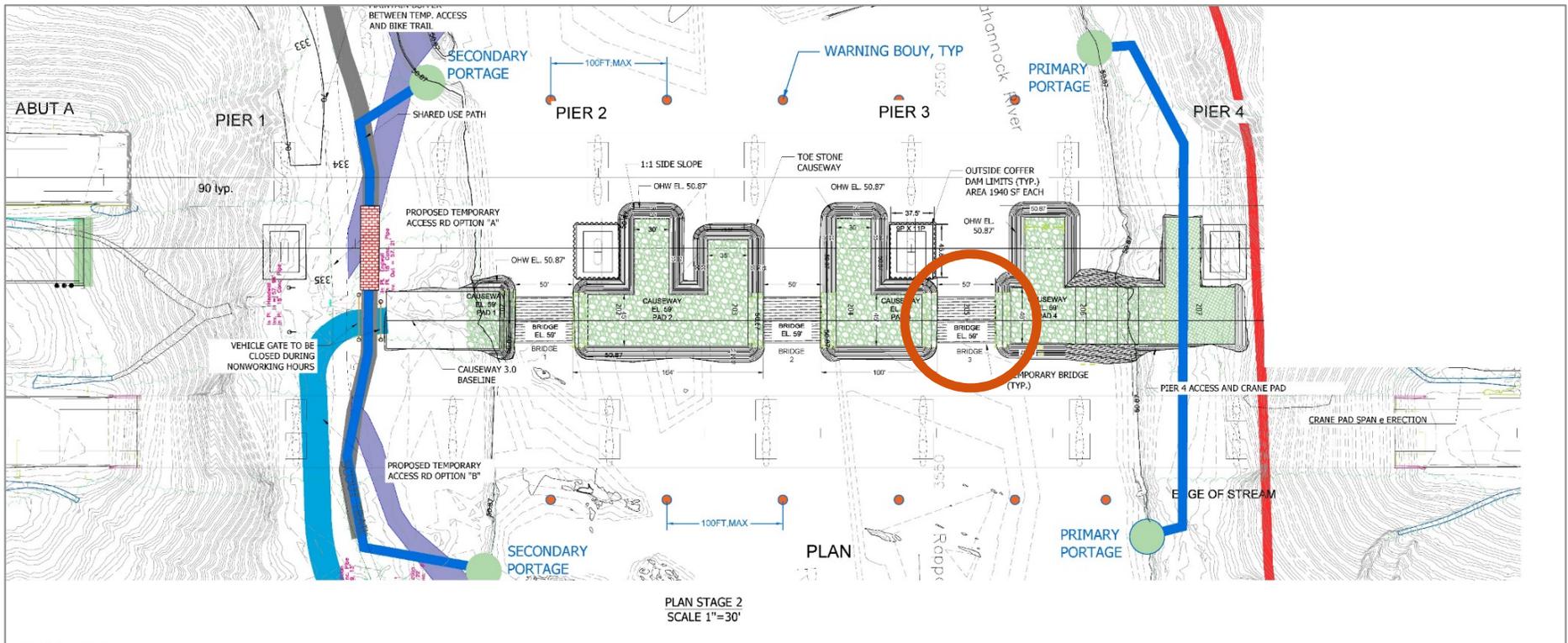


Scopes of Work Still Remaining

- **Contact Wagman if Interested In:**
 - **Storm Sewer**
 - Shallow installations 15-24" approximately 5000 linear feet.
 - **Limited Flatwork**
 - Approximately 1000' of Concrete Ditch
 - Approximately 1200' of CG-7, Curb and Gutter
 - **Miscellaneous Traffic Items**
 - Approximately 8 miles of Rumble Strips
- **Engineering and Professional Services Scopes are Complete**



River/Recreation Access During Construction



Temporary bridge in north channel is for intermittent mobilization activities, channel will remain open majority of time



Project Highlights

- **Use of eConstruction Techniques**

- **Plangrid**

- Fully Integrated Use of Software between Design-Builder, QA/QC, and VDOT
- Project RFIs, Issues, Deficiencies, and Non-Compliances Tracked Collaboratively

- **Cloud Storage**

- **Field Office Equipment**

- Multi-function connected printer/scanner
- Smartboard/Plantable

- **Field Office Connectivity Requirements**

- Updated internet requirements for field offices
- Minimum 50mbps symmetrical connection



Contact Information



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Visit

[**www.Improve95.org**](http://www.Improve95.org)

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