





ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT

RESTON AVENUE TO JARRETT VALLEY DRIVE

Public Information Meeting

Route 7 Project Team (VDOT/Shirley/Dewberry)

May 14, 2019

Agenda

- Introductions
- Project Overview
- What's the Same? What's New?
- Design/Build Schedule
- Question & Answer Session

Introductions



ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT
RESTON AVENUE TO JARRETT VALLEY DRIVE
WORKING GROUP

Project Management Team



Virginia Department of Transportation

- Arif Rahman, P.E., PMP – Project Manager
- Michael Pruitt, CCM – Construction Manager
- Christiana Briganti-Dunn, P.E., CCM – Program Manager
- Bill Cuttler, P.E. – Senior District Representative

Shirley Contracting Company, LLC

- Jeff Austin, P.E, DBIA – Design-Build Project Manager
- Jennifer Thomas Alcott – Public Relations Specialist

Dewberry Engineers Inc.

- Steve Kuntz, P.E., DBIA – Design Manager

Stations Around the Room

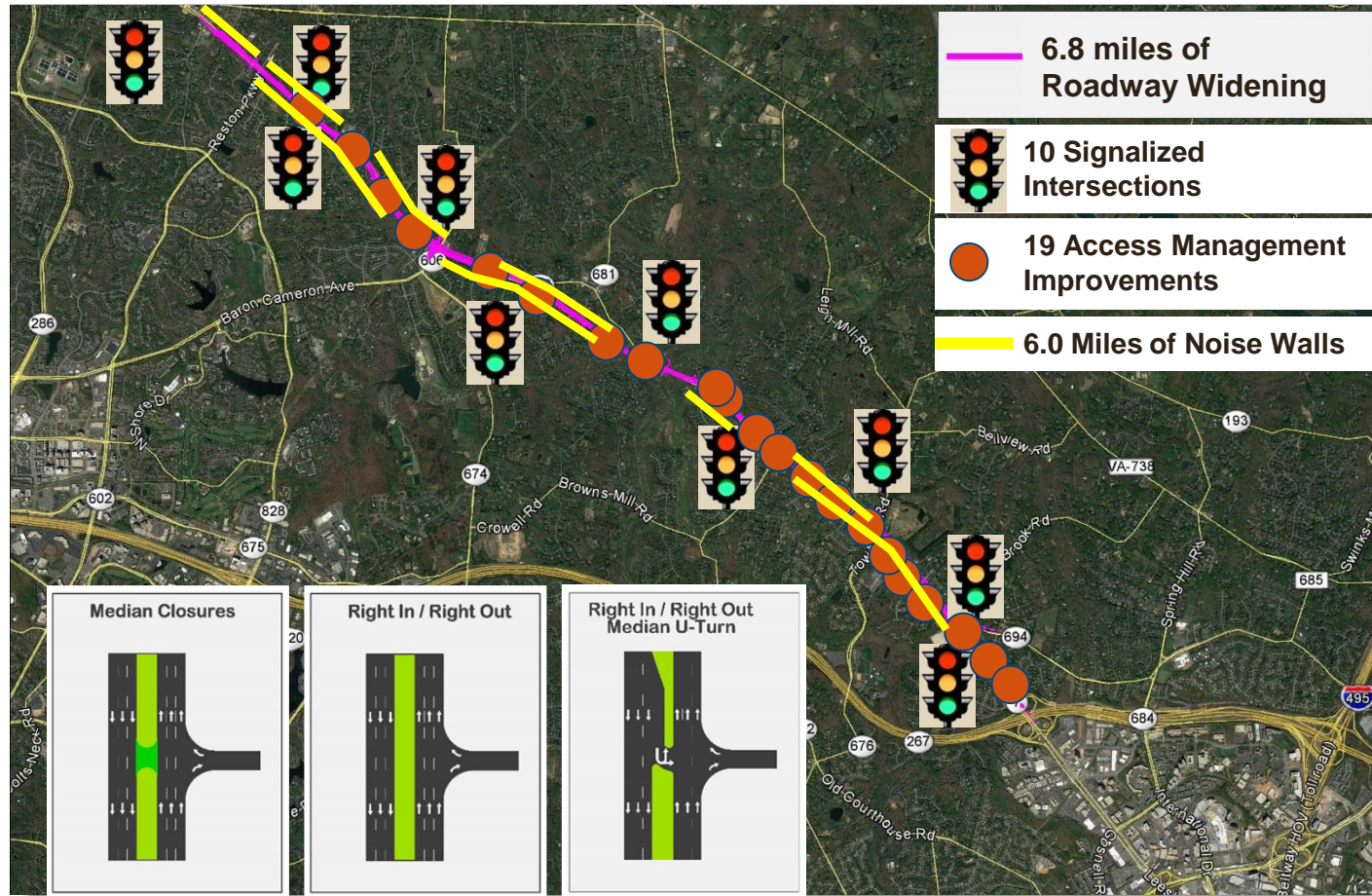
- Roadway Design
- Right of Way
- Environmental/Noise Walls
- Traffic Engineering/Towlston Road Simulation
- Interactive Map
- Court Reporter
- *Washington Gas Project*

Route 7 Project Overview



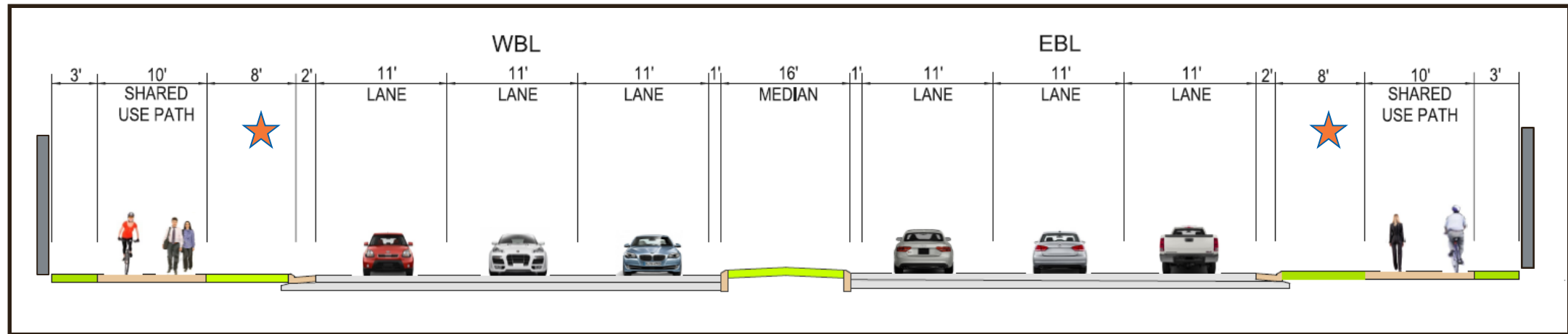
- Commonwealth Transportation Board awarded design-build contract to Shirley-Dewberry team on July 18, 2018.
- Contract amount: \$253M
- Total project budget: \$314M
- Project duration:
 - Overall: Approximately six years
 - Construction: Approximately five years

Route 7 Project Overview



Route 7 Project Overview

- Six (6) through lanes
- Shared use path on both sides of Route 7
- Potential noise walls outside of shared use path



Typical Section

- ★ Buffer strip may vary from 5 to 8 feet along the corridor, and the shared use path may be reduced to 8 feet in limited areas

Route 7 Project Overview



Existing Route 7



- No shared use paths
- Two lanes in each direction
- Average Daily Traffic – 52,140 vpd (2018)

Proposed Improvements



- Shared use paths (8 to 10 feet wide)
- Three lanes in each direction
- Average Daily Traffic – 86,000 vpd (2040)

Route 7 Project Overview

Lewinsville Road



Interim Milestone:
Open Lewinsville Road intersection and displaced left to traffic by Fall 2022

Route 7 Project Overview

Difficult Run Crossing



What's New?

- Baron Cameron Avenue at-grade intersection
- Early improvements
 - Triple left turn lanes from westbound Route 7 to Baron Cameron Avenue open to traffic late August 2019
 - Temporary Towlston Road widening - Summer 2020
- Fewer stormwater management ponds
- Architectural treatment on and potentially fewer noise walls

What's New?

Route 7 & Baron Cameron Avenue Intersection



*Partial interchange is deferred to the future.

Existing Intersection:

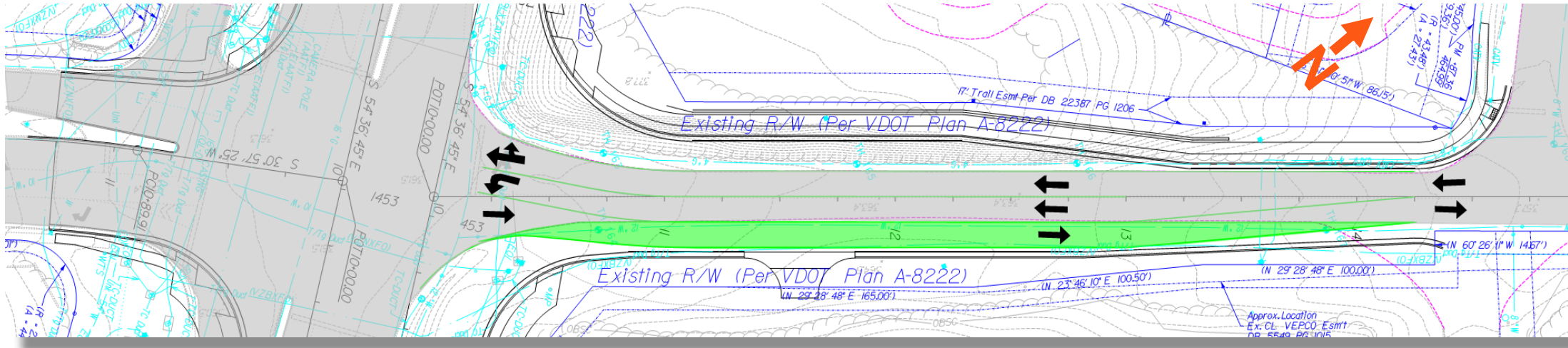
- Two left-turn lanes from WB Route 7 to Baron Cameron Ave.
- Free flow right-turn from EB Route 7 to southbound Baron Cameron Ave.

Proposed Intersection:

- Adds free flow right from NB Baron Cameron Ave. to eastbound Route 7 with auxiliary lane to Delta Glen Ct.
- Removes free flow right EB Route 7 to southbound Baron Cameron Ave.
- Third left-turn lane from WB Route 7 to Baron Cameron Avenue open by late August 2019.

What's New?

Towlston Road – Early Improvements

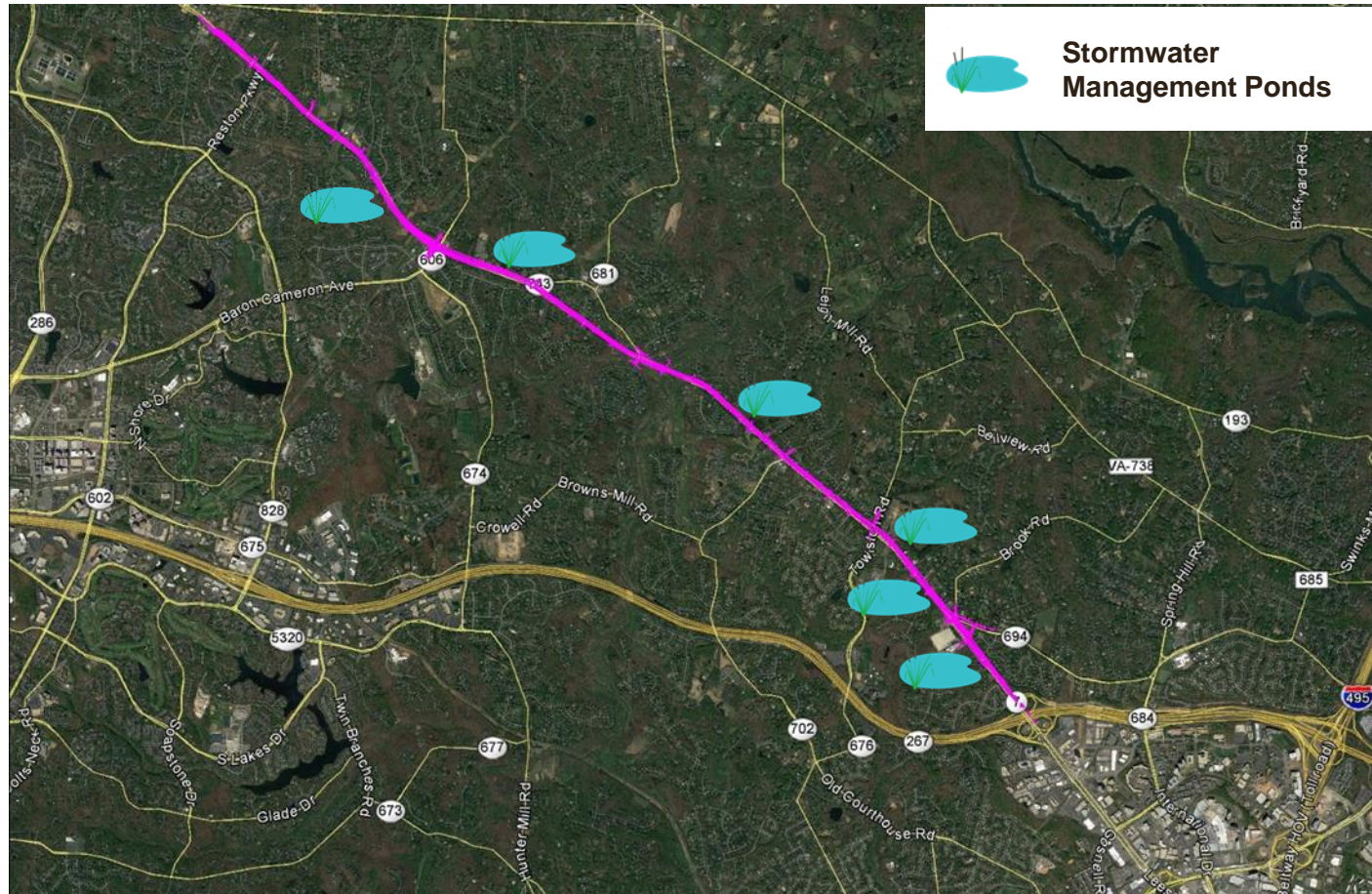


Proposed Intersection:

- Temporarily widen Towlston Road to the east (green)
- Provide 250 feet of left-turn stacking
- Implement early in the project phasing - target Summer 2020

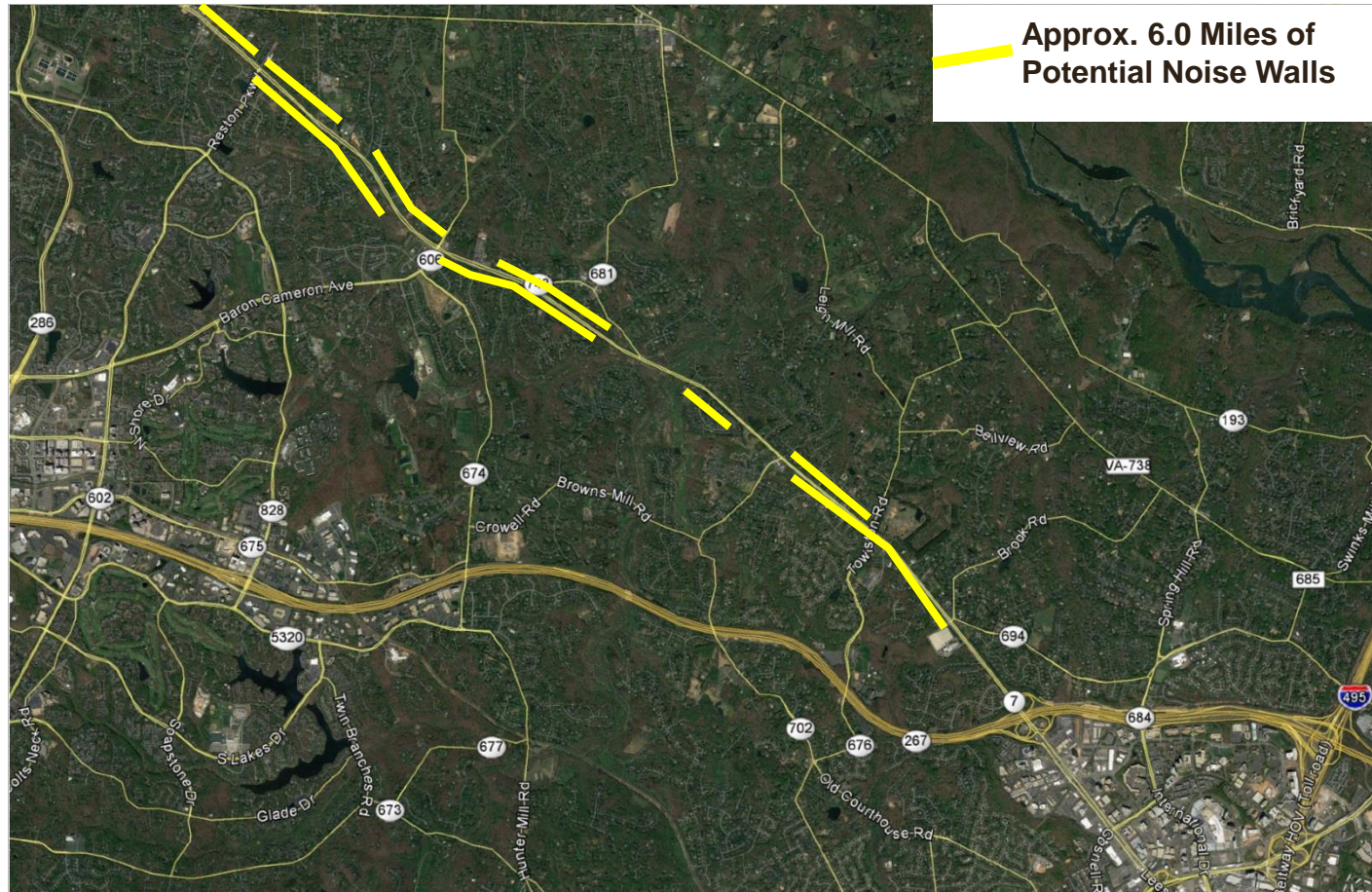
What's New? – Ponds

Reduce SWM Ponds from 11 to 6



What's New? – Noise Walls

Potentially Fewer Noise Walls



What's New?

Architectural Treatment on Noisewalls



Roadway Side



Residential Side

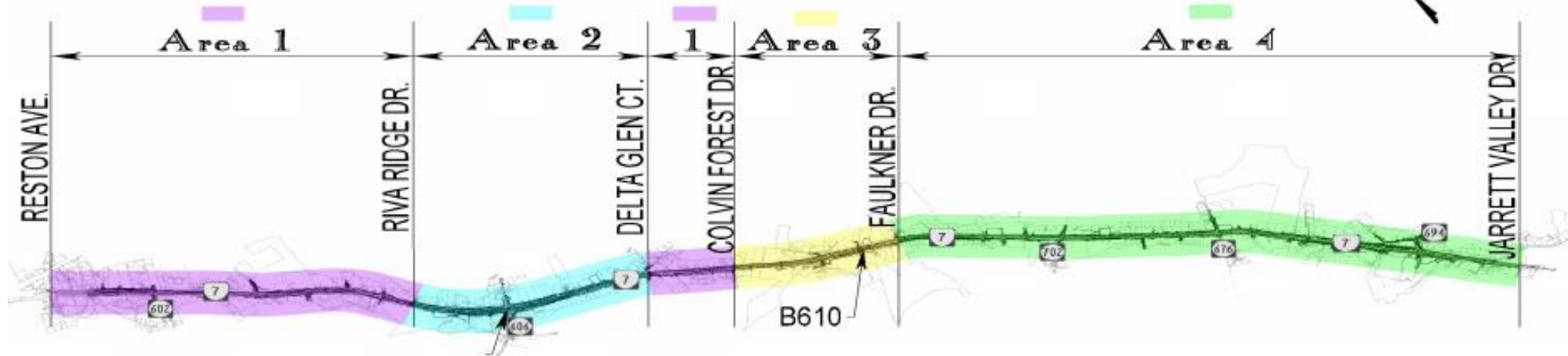
Images and finishes are representative renderings.

Route 7 Construction Schedule

Spring 2019 to July 2024



CONSTRUCTION AREAS AND GEOGRAPHIC PHASING OF WORK



Early Construction Milestones:

- Open third WB left-turn lane to Baron Cameron Avenue – August 2019
- Open Lewinsville Road intersection and displaced left to traffic – Fall 2022
- Open third lane from Riva Ridge Road to west end of project – Fall 2022

Route 7 Design/Build Schedule



*We are here:
May 2019*

	2018		2019		2020				2021				2022				2023				2024	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
Design			ROW Acquisition		Utility Relocations																	
Construction																						
Area 1 - Area West of Difficult Run			Stage 1A	Stage 1B	Stage 2				Stage 3A				Stage 3B				Finishes					
Area 2 - Baron Cameron Area			Stage 1	Stage 2A				Stage 2B		Stage 2C		Stage 3A		Stage 3B		Finishes						
Area 3 - Difficult Run Area			Stage 1A		Stage 2 - Stream Relocation				Stage 2 - Bridge Construction				Stage 3A - Bridge Construction				Stage 3B		Fin.			
Area 4 - East of Difficult Run			Stage 1				Stage 2				Stage 3A				Stage 3B		Finishes					
Washington Gas Pipe Line Project																						

Temporary Lane Closure Hours



Spring/Summer/Fall 2019

Weekday lane closure hours

9:30 a.m. – 3 p.m. (2 p.m. on Fridays)

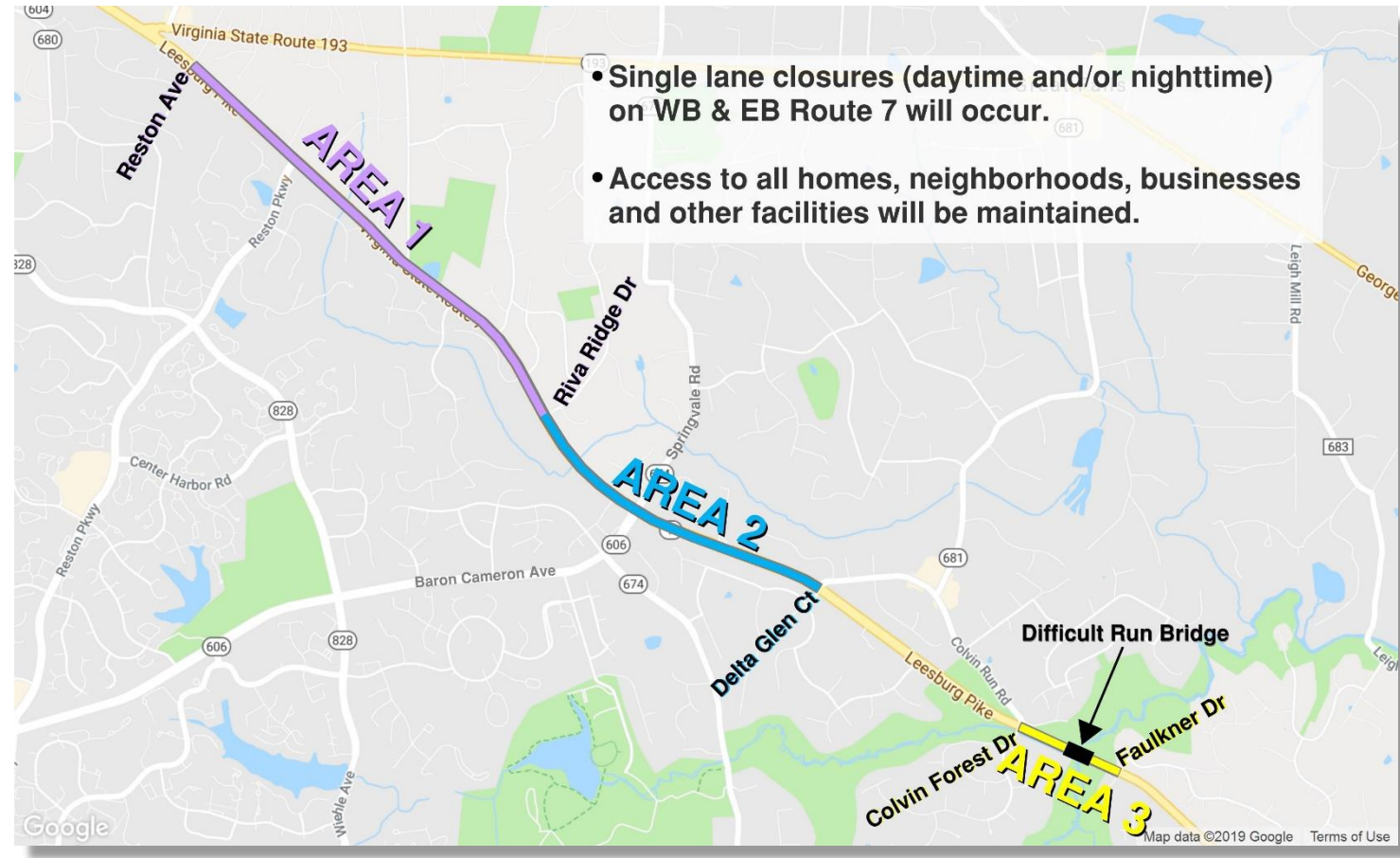
Nighttime lane closure hours

10 p.m. – 5 a.m. Sun. – Thurs. nights

10 p.m. – 9 a.m. Fri. night/Sat. morning

10 p.m. – 8 a.m. Sat. night/Sun. morning

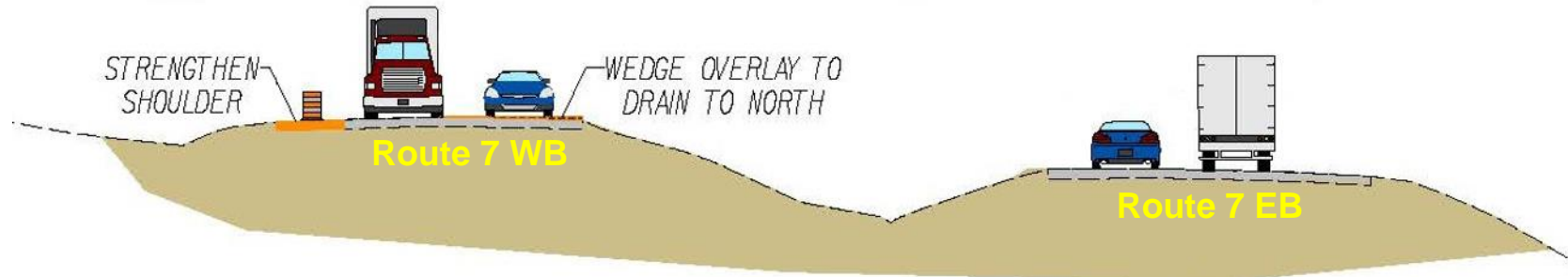
Project will implement speed reduction to 45 MPH in active work zones.



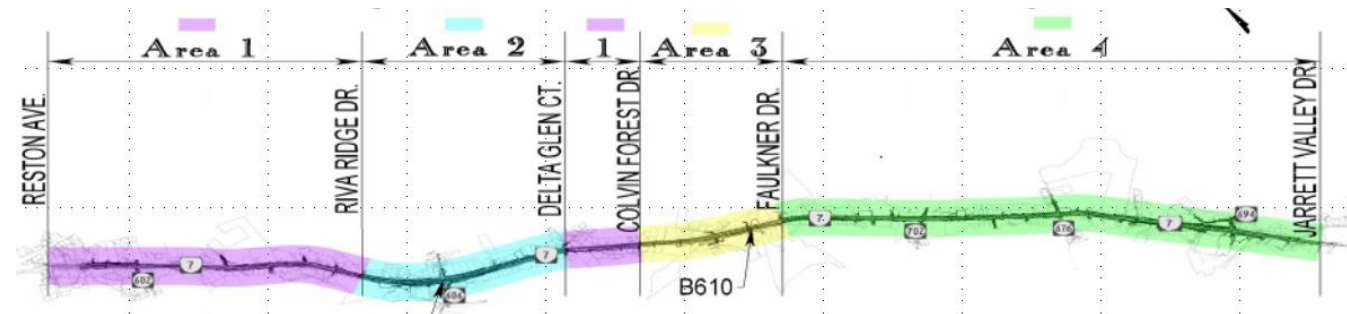
Sequence of Construction

Area 1 – West of Difficult Run (Excluding Baron Cameron)

STAGE 1A: Strengthen WB Outside Shoulder and Wedge Overlay



Spring to Summer 2019

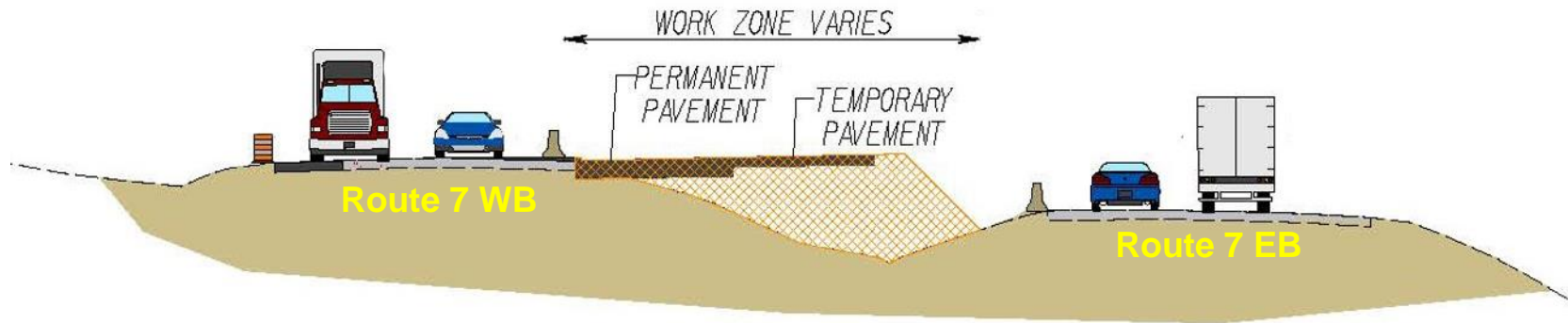


Sequence of Construction

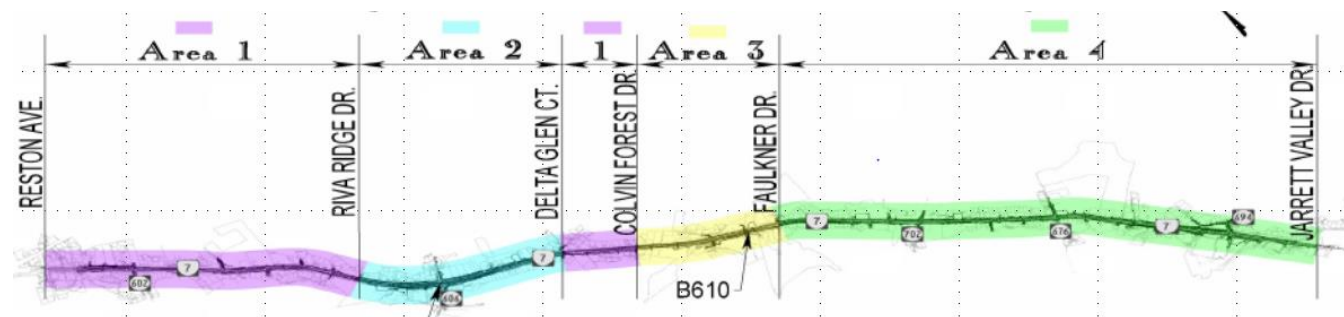
Area 1 – West of Difficult Run (Excluding Baron Cameron)



STAGE 1B: Construct Median Pavement



Summer 2019 to Spring 2020

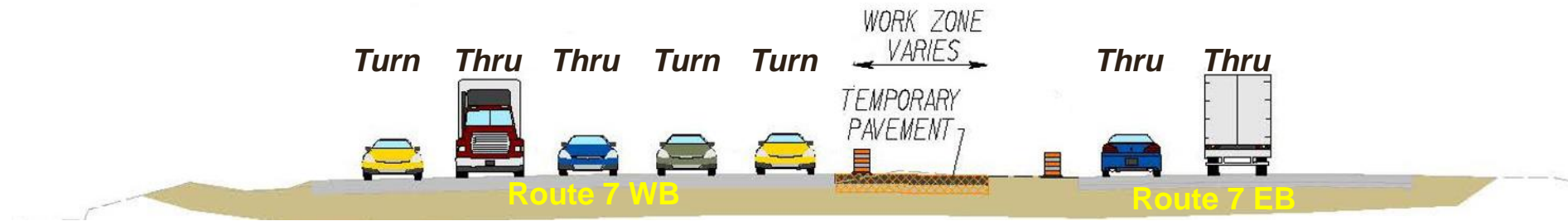


Sequence of Construction

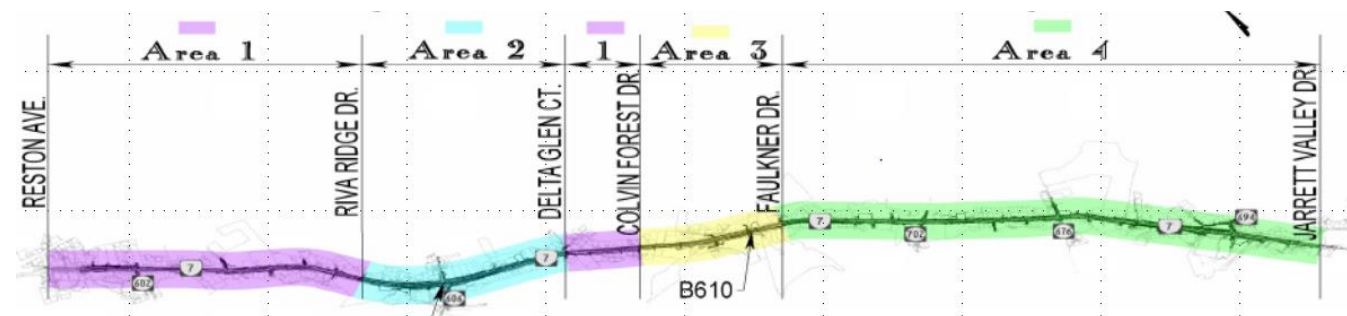
Area 2 – Baron Cameron Area



STAGE 1: Construct Temporary Pavement



Summer 2019



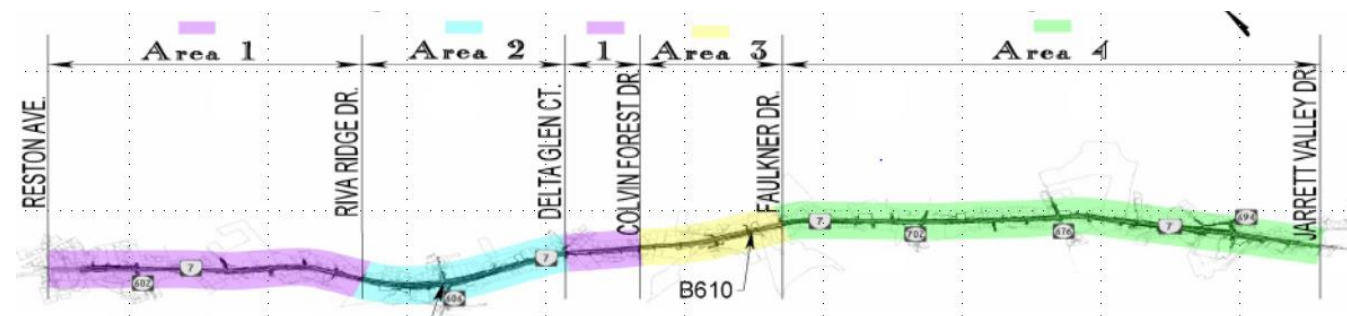
Sequence of Construction

Area 2 – Baron Cameron Area

STAGE 2A: Construct North Portion of Permanent WB Lane & Temporary Pavement



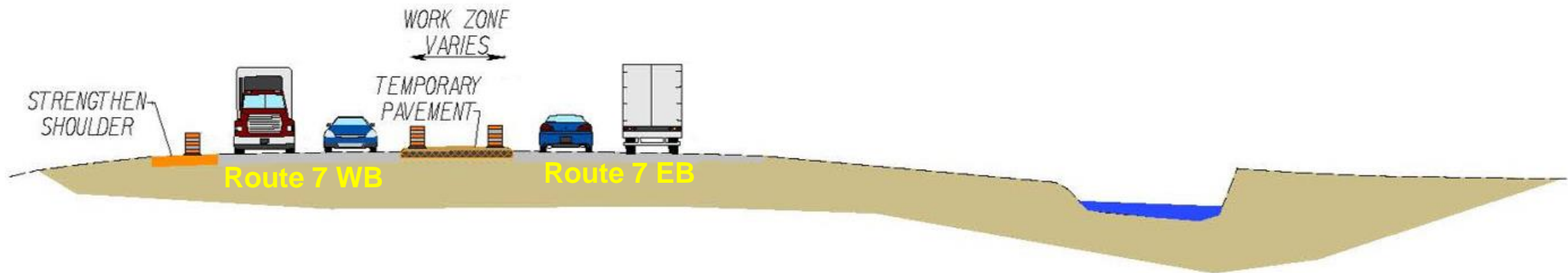
By late August, 2019



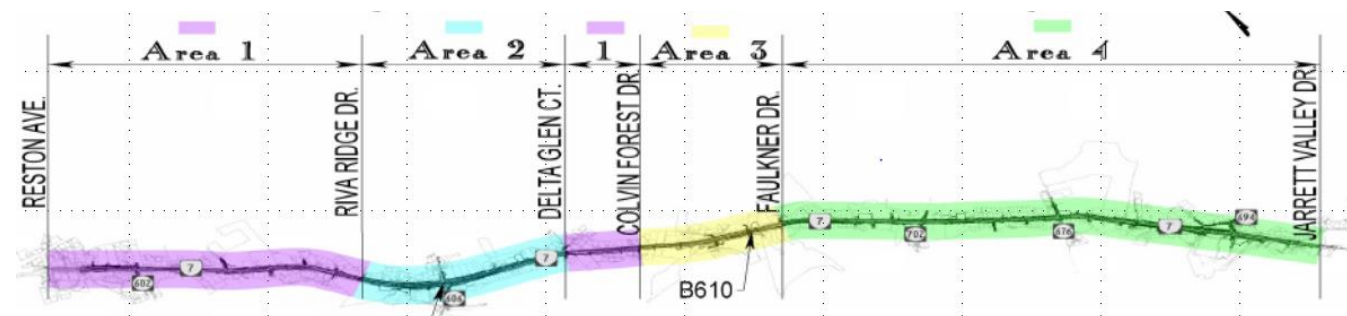
Sequence of Construction

Area 3 – Difficult Run Area

STAGE 1A: Strengthen WB Outside Shoulder & Construct Temporary Pavement



Fall 2019 to Summer 2020



Project Outreach



Project website:

- Online interactive GIS map
- Lane closure information
- Traffic Alerts on 511virginia.org
- Updates & project-related documents

By E-Mail:

- E-newsletters

Other:

- Site-specific notification
- Ongoing contact with HOAs
- “Pardon Our Dust” meetings

Feedback/Ask Questions



In Writing:

- Comment sheets
- Email connectroute7@vdot.virginia.gov

In Person:

- Court Reporter here tonight

By Phone:

- Hotline (24/7) **833-777-7411**

Online:

- Visit connectroute7.org

Question and Answer Session

connectroute7.org

ConnectRoute7@vdot.virginia.gov

Hotline (24/7) 833-777-7411