ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT
RESTON AVENUE TO JARRETT VALLEY DRIVE
Public Information Meeting

Route 7 Project Team (VDOT/Shirley/Dewberry)

May 7, 2019
Agenda

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

- 6.8 miles of Roadway Widening
- 10 Signalized Intersections
- 19 Access Management Improvements
- 6.0 Miles of Noise Walls

Diagram showing median closures, right-in/right-out, and right-in/right-out median U-turns along the route.
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)
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

Approx. 6.0 Miles of Potential 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

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

<table>
<thead>
<tr>
<th>Area 2 - Baron Cameron Area</th>
<th>Stage 1</th>
<th>Stage 2 - Stream Relocation</th>
<th>Stage 2 - Bridge Construction</th>
<th>Stage 3A - Bridge Construction</th>
<th>Stage 3B</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 3 - Difficult Run Area</td>
<td>Stage 1A</td>
<td>Stage 2A</td>
<td>Stage 2B</td>
<td>Stage 2C</td>
<td>Stage 3A</td>
<td>Stage 3B</td>
</tr>
<tr>
<td>Area 4 - East of Difficult Run</td>
<td>Stage 1</td>
<td>Stage 2</td>
<td>Stage 3A</td>
<td>Stage 3B</td>
<td>Finishes</td>
<td></td>
</tr>
<tr>
<td>Area 1 - Area West of Difficult Run</td>
<td>Stage 1A</td>
<td>Stage 1B</td>
<td>Stage 2</td>
<td>Stage 3A</td>
<td>Stage 3B</td>
<td>Finishes</td>
</tr>
</tbody>
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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.

- Single lane closures (daytime and/or nighttime) on WB & EB Route 7 will occur.
- Access to all homes, neighborhoods, businesses and other facilities will be maintained.
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

Route 7 WB
Turn
Thru
Thru
Turn
Turn

Route 7 EB
Thru
Thru

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

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