ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT
RESTON AVENUE TO JARRETT VALLEY DRIVE
NOVA District Dialogue

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November 7, 2019
Agenda

- Project Overview
- Project Challenges
  - Right-of-Way
  - Utility Relocations
  - Sequence of Construction
  - Keeping the Public Informed
- Schedule
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
- 6.7 Miles of Noise Walls

[Diagram showing project areas and map sections with different road and traffic features]
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
Project Challenges: Right of Way

Right-of-Way Statistics

• Total ROW Parcels: 230
• Types of Parcels
  • 168 Residential Parcels
  • 32 HOA Properties
  • 12 Commercial Parcels
  • 10 Places of Worship/Cemetery
  • 7 Park Properties
  • 1 Public Government Parcel
• 1 Residential Relocation

Right-of-Way Status

• ROW Plans Approved – 8/2019
• ROW Parcels Sequenced in Order of Priority
• 86 Appraisals Approved
• 51 Offers Presented
• 12 Acceptances
Project Challenges: Utilities

Utility Statistics

• More than 150 Utility Conflicts
• 20 Different Utility Providers:
  • 4 Public Water & Sewer
  • 2 Electric
  • 4 Gas & Petroleum
  • 10 Communications
Project Challenges: Utilities

Utility Relocation Statistics

- 225 Dominion Power Poles
- 100 Verizon Poles
- 70000 LF U/G Communications
- 1500 LF of 54” Water
- 7000 LF 8” to 24” Water
- 9000 LF Gas Distribution
Project Challenges: Utilities

Washington Gas Transmission Project

- $200 Million Project
- Upgrade existing 16” Main to 24”
- 5 Year Project
- ~30,000 LF Within Route 7 Project Limits
Project Challenges: Sequence of Construction
Area 1 – West of Barron Cameron Avenue

STAGE 1B: Construct Median Pavement

Summer 2019 to Fall 2019
Project Challenges: Sequence of Construction
Area 1 – West of Barron Cameron Avenue

**STAGE 2: Construct Permanent EB Lanes**

Fall 2019 to Summer 2020
Project Challenges: Keeping the Public Informed

- Dedicated Public Relations Manager
- Project website with Interactive Project Map: connectroute7.org
- Toll-Free 24/7 Project Hotline: 833-777-7411
- 47 Meetings with the Public
- 77 Notices to the Public
- 30 Questions/Comments per Month
Public Relations Outcomes

Collaborative Results

• Early Widening of Towlston Road
• Right-turn taper at Northfalls Court
• Signal timing at Reston Parkway
• Additional striping at Springvale Road/Baron Cameron Avenue
Route 7 Project Update: Schedule

Interim Milestones

- Open Third WB left Turn lane to Baron Cameron Avenue – Aug. 29, 2019
  - COMPLETED: August 19, 2019
- Towlston Road Temporary Improvements – Summer 2020
  - COMPLETED: October 18, 2019
- Open Lewinsville Road Intersection and Displaced Left to Traffic – October 25, 2022
- Open Third lane from Riva Ridge Road to West End of the Project – October 25, 2022
October 2019: Aerial Photos

West of Reston Parkway

East of Reston Parkway