ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT

(UPC 99478 & UPC 106917)

VDOT PROJECT NOS: 0007-029-942,P101,R201,C501,B610,D606,D608 &
0007-029-225,P101,R201,C501,D607

FHWA PROJECT NOS: STP-5A01 (745) & STP-5A01(790);

CONTRACT ID #: C0099478DB98
VDOT Project Team

Christiana Briganti-Dunn
Design-Build Program Manager
VDOT Northern Virginia District

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Design-Build Project Manager
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Michael Pruitt
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Design Build Team

Jeff Austin
Design Build Manager
Shirley Contracting

Steve Kuntz
Design Manager
Dewberry & Associates

Rick Meyer
Design Build Construction Manager
Shirley Contracting

Jennifer Thomas Alcott
Public Relations Specialist
Shirley Contracting
Project Location
Reston Avenue to Jarrett Valley Drive
Scope of Work

• Shirley: $252,871,777.20 - Best Value Procurement
  • Widen Existing 4-Lane Facility to 6 Lanes
  • Add Shared Use Paths on Both Sides of the Roadway
    • Provide a Triple-Left Movement from WB Route 7 to Baron Cameron Avenue
  • Replace the Difficult Run Bridge with Pedestrian and Equestrian Pathways Underneath
    • Provide Noise Walls Throughout the Project As-Warranted
  • Completion by June 2024
Scope of Work

- 27 Miles of UD
- 15 Miles of storm Drain
- 800 Drainage Structures
- 250,000 tons stone
- 300,000 Tons Asphalt
- 23 miles Temp Conc. Barrier
Scope of Work

- 25 Miles of Curb
- 600,000 SF Noise Walls Including Combo Walls
  - 150 Acres of Seeding
  - 212 LF Pedestrian Tunnel
  - 700,000# Reinforcing Steel
  - 17 Miles of Silt Fence
Scope of Work

• 9 temporary and 9 permanent signalized intersections
  • Full Bridge Removal and Replacement
    • 5 Years of QA/QC
    • 10 Miles of Fencing
  • 85 Acres of Pavement Demolition
• Over $30,000,000 DBE Participation
Challenges to Overcome

- Approximately 50,000 VPD Growing to Nearly 90,000 by 2040
  - 230 Right of Way Parcels to Procure
  - Nearly 150 Known Utility Conflicts to Resolve
  - Significant Utility Relocations During Construction
    - ~4000 LF 54” Watermain Relocation
    - Washington Gas 16” to 24” Upgrade
Washington Gas vs VDOT Project Limits
Strategies for Success: Communication

Communication With Stakeholders

2012 – VDOT Initiated Public Involvement

Established the “Route 7 Working Group”

Fairfax County Department of Transportation
Local Board Members
Community Stakeholders
Individuals Involved in Shaping the Project Scope
Stakeholder Growth Over Time

• Initial Working Group Included 29 Groups and Associations

• ~2500 Active Stakeholders

• ~2100 of Those Self-Subscribed to Various Project Communication Feeds
Anticipated Construction Schedule
2019 - 2024
Anticipated Construction Schedule 2019

- Start West End to Baron Cameron
- Shoulder Strengthening and Widening
- Includes Triple Left onto Baron Cameron WBL
- Milestone Triple Lefts by August
Anticipated Construction Schedule 2020

- EBL Construction West End to Baron Cameron
- Shoulder Strengthening & Widening East End
Anticipated Construction Schedule 2021

- WBL Construction to Difficult Run
- Bridge Construction
- WBL Construction on East End
- Begin Noise Wall Construction (West End)
Anticipated Construction Schedule 2022

• Complete WBL Baron Cameron to West End
• Milestone to Open 3rd Lane Riva Ridge to Reston Avenue
• Utilizing Partial New Bridge
• Construct EBL on East End
Anticipated Construction Schedule 2023

• Construct Interior Lanes East End

• Noise Wall Complete Throughout

• Trails Complete Throughout
Anticipated Construction Schedule 2024

• Complete Roadway & Trail Paving Throughout

• Complete Final Punch-Lists

• Project Completion

• Completion Date June 2024
Questions?