ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT WORKING GROUP

RESTON AVENUE TO JARRETT VALLEY DRIVE

Working Group Meeting #20 –Summary

Wednesday, December 12, 2018: 1:00 pm - 3:00 pm VDOT NOVA District Office, Potomac Conference Room 4975 Alliance Drive, Fairfax, VA 22030 VDOT Proj No. 0007-029-942 and 0007-029-225, UPC 99478 and 106917

A working group meeting was conducted on December 12, 2018, to discuss the section of Route 7 Corridor Improvements from Reston Avenue to the Dulles Toll Road, specifically the following items:

Introductions

All attendees introduced themselves.

Washington Gas Project Update

Jeff Hicks, Washington Gas, provided an overview of the Strip 1 West Improvements work, including Phase 1 (Bishopsgate Way to Springvale Road), Phase 2 (Dulles Toll Road to Lucks Estates), and future phases. Coordination between VDOT, Washington Gas, and Shirley/Dewberry is ongoing. Copies of slides are attached.

Question from group—What sort of piping connections are made? Answer—Welded connections.

Question from group—Are the welds inspected? Answer—Yes, hydrotesting is performed as per Washington Gas procedures and every joint is x-rayed.

Route 7 Project Update

Jeff Austin, Shirley Contracting Company, LLC, provided an update on the completed and ongoing design phase activities and a summary of the projected schedule. Detailed information on the general sequence of construction and associated lane shifts was displayed and explained.

Question: Do we have right of way for the temporary third left turn lane on westbound Route 7 at Baron Cameron Avenue?

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Answer: Yes, the temporary third turn lane will be built in the median. Construction of the ultimate improvements, including the permanent triple left turns, will require acquisition of additional right-of-way and easements.

Question: Do we need any additional right of way to begin construction of the Baron Cameron Avenue intersection?

Answer: Yes.

Question: When will the storm water management design for the Difficult Run and Colvin Mill area be done?

Answer: This area will be part of the final design submission and will be built during the construction of Area 3, Stage 2.

Jennifer Thomas Alcott, Shirley Contracting Company, LLC, provided a communications update.

Question: When is the next meeting with the Towlston Road group?

Answer: Meeting date has not been determined, will be coordinated with Supervisor Foust's office.

Question: When will the next public information meeting be held?

Answer: Around April 2019. "Pardon Our Dust" meetings will be held prior to major construction phases.

Question: Will VDOT provide more than one week's notice before the meetings?

Answer: Yes.

Copies of slides are attached.

Follow-Up to Questions from Previous Meetings and Additional Questions/Comments

Question: What data was used for Towlston Road traffic simulations? The numbers appear to be inconsistent with current observations.

Answer: 2011 traffic counts with growth factors for escalation were used for the 2025 opening year.

A discussion about the rationality of the data used for the simulation ensued. It was noted that the model for the simulation was developed by JMT, and that further discussion about

ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT ...

RESTON AVENUE TO JARRETT VALLEY DRIVE

WORKING GROUP

this subject would be addressed outside of the working group meeting as JMT was not present.

Baron Cameron Avenue Intersection

Question: Can the Route 7/Baron Cameron Avenue/Springvale Road at-grade intersection be easily upgraded in the future to the desired partial interchange?

Answer: The design of the at-grade intersection does not preclude a future upgrade to the desired partial interchange, however additional right of way and easements would need to be acquired.

Question: Is it possible to acquire right of way for the future Baron Cameron Avenue partial interchange as part of this project?

Answer: Right of way acquisition for the partial interchange is not part of this project, and federal requirements preclude the ability to acquire right-of-way and/or easements beyond those needed for the current project improvements.

A discussion about the current and future timing of the traffic light at the intersection followed. VDOT noted that the timing for all signals along the corridor will be optimized during and after the construction. Additional topics discussed included the potential future cost of the partial interchange and the feasibility of procuring right of way for the partial interchange at this time, rather than waiting until the decision to construct the partial interchange is made. VDOT stated that the procurement of right of way needs and associated costs for potential future projects were not included in the scope or budget of this project.

Question: Can the Working Group get a copy of the cost/benefit analysis for the partial interchange versus the triple left intersection? Were the costs attributable to accidents at this intersection factored into the cost/benefit analysis?

Answer: A specific cost/benefit analysis between the two options was not done. Information about the two options and the rescoring of the project was presented to the Commonwealth Transportation Board (CTB) in their June 2018 meeting (http://www.ctb.virginia.gov/resources/2018/june/pres/10 route 7 rescore.pdf). The CTB approved the revised scope, budget, and recording during the July 2018 meeting (http://www.ctb.virginia.gov/resources/2018/sept/minutes ctb action meeting july 2018.pdf).

Question: Can we get HB2 funding for this project to make up the cost difference between the triple left intersection and the partial interchange and submit a change order to the contractor?

Answer: The first chance to get HB2 funding will be June 2019, and to move the project forward and facilitate the corridor improvements, the decision was made by the state and the county to award the contract as revised. Requesting HB2 funding and accommodating the partial interchange through a change order will significantly affect the cost and the schedule.

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Question: Can the design for the partial interchange be superimposed upon the design for the triple left intersection to create a visual representation of and to compare the right of way procurement involved with each option? Can VDOT provide Level of Service (LOS) projections for both options?

Answer: Comparisons of the previous partial grade separation and current at-grade intersection can be made, but a detailed overlay of the two has not been made since modifications have been made to the at-grade intersection alignment that are not consistent with the original grade separation. These modifications were made to reduce right-of-way and easement impacts necessary for completion of the at-grade intersection. Future overlays can be developed, but they may not reflect the final grade separation designs since temporary traffic control details, number of turn lanes, and ultimate grade separated alignments are not being developed as part of the current contract.

U-Turn at Jarrett Valley Drive

Kamal Suliman, VDOT, presented traffic count information for the weaving maneuvers that occur on westbound Route 7 near the intersection of Route 7 and the Dulles Toll Road (DTR) due to drivers exiting the eastbound DTR, crossing three lanes of westbound Route 7 traffic, and making a u-turn at Jarrett Valley Drive. A discussion of the potential safety issue due to the weaving maneuvers followed, with members of the Working Group suggesting options for reducing the u-turns at Jarrett Valley Drive:

- Add a "No U-Turns" sign at the intersection, or
- Place a concrete strip to prevent eastbound DTR drivers from attempting to weave through the westbound Route 7 traffic to make the u-turn.

VDOT stated that they will review the options for reducing the weaving and u-turns in this area.

Next Meeting: March 27, 2019, 1:30 p.m.

> **VDOT NOVA District Office Potomac Conference Room**

Attachments: Presentation slides, sign in sheet.









ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT

RESTON AVENUE TO JARRETT VALLEY DRIVE

Route 7 Working Group Meeting No. 20

Route 7 Project Team and Design-Build Team (Shirley/Dewberry)

December 12th, 2018



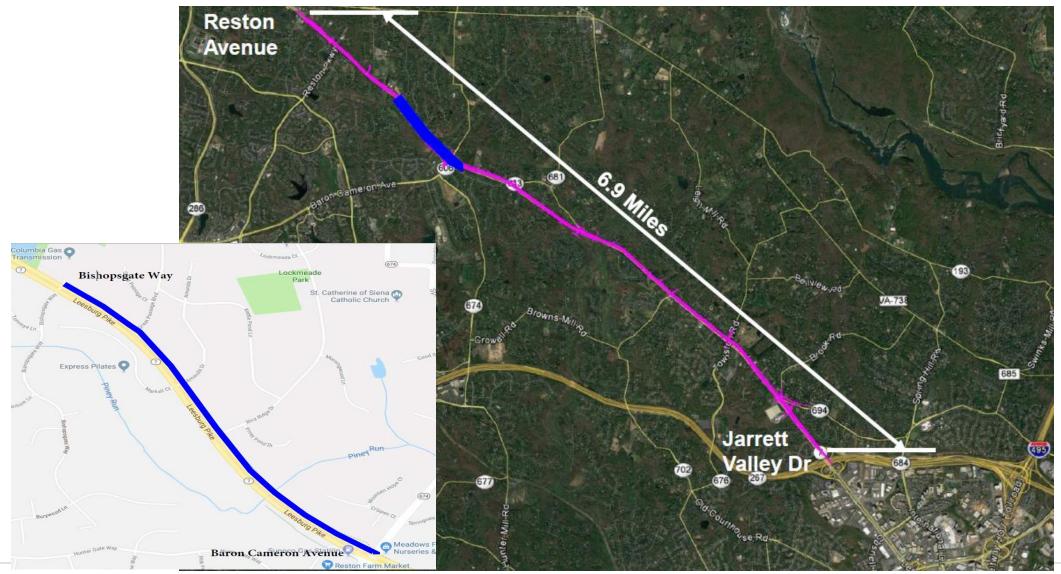
Agenda



- Introductions
- Washington Gas Project Update
- Route 7 Project Update
- Schedule Update
- Sequence of Construction
- Communications and Outreach Update
- Working Group's Questions and Concerns
- Open Discussion
- U-Turn at Jarrett Valley Drive









VDOT Route 7 Corridor Improvements & Washington Gas 24-inch Line Upgrade





Coordination and Communication





Project Scope

- Install approximately 5,800 feet of 24-inch steel high pressure gas main
- Replace 2 services
- System reinforcement along Great Passage Blvd

Project Impacts

ROW along Route 7 between Bishopsgate Way and Baron Cameron Avenue

Project Schedule

- ROW clearing through mid-October 2018
- Underground Construction October 2018 through February 2019
- □ Contractor Michel's Pipeline Construction





Phase 1- Bishopsgate Way to Springvale Rd

- On schedule to be completed Spring 2019
- ROW clearing has been completed
- 25% of proposed pipeline installed
- Strip 2 Auger Bore underneath Route 7 at Great Passage Blvd January 2019
- Strip 1 Horizontal Directional Drill underneath Piney Run January 2019
- Planned night work (during one weekend) in January for pipeline installation
- Community notifications to be sent out 2 weeks prior, electronic signage and detour in place during the planned night work
- Intersection of Riva Ridge Rd and Leesburg Pike to be temporally closed during pipeline installation (approximately 2 days during the weekend)





Phase 2 – Dulles Toll Road to Entrance of Luck Estates

- Coordinating the design with Shirley Contracting
- Utility locates scheduled for January 2019
- Underground construction tentatively scheduled in March 2019

Future Phases

- Washington Gas and Shirley Contracting are currently coordinating the design and construction sequencing on future phases
- All future phases will be constructed within the Rte. 7 Improvement project timeline





For more information and project updates can be found at www.washingtongas.com/strip1west



Route 7 Project Update



Completed Design Phase Activities

- Aerial Mapping
- Utility Designations
- Title Research & Property Surveys
- Wetland Delineations & Surveys
- Video Inspections of Existing Drainage Pipes
- Field Surveys of Existing Conditions
- Final Roadway Horizontal/Vertical Alignment

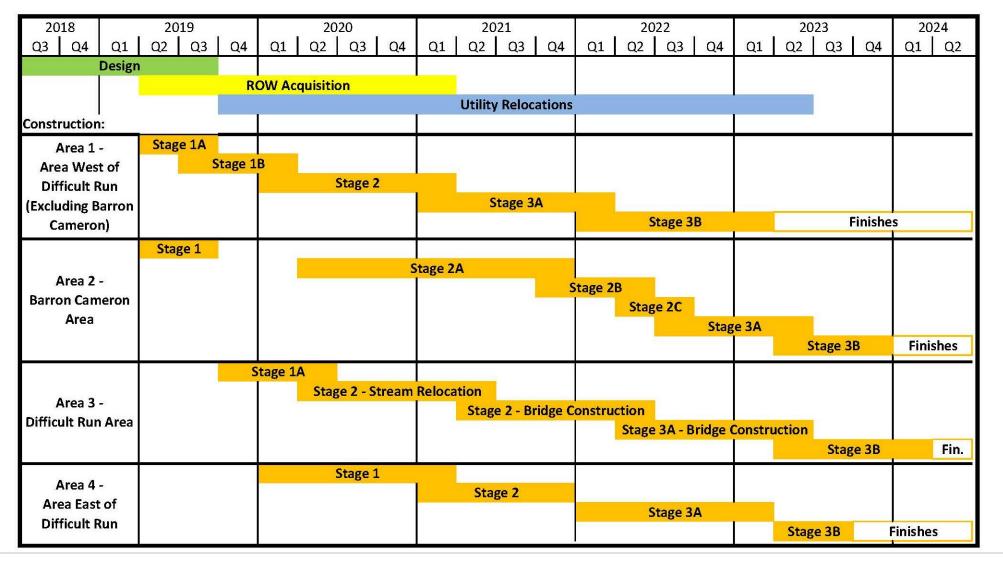
Ongoing Design Phase Activities

- Utility Test Pits
- Existing Drain Field Surveys
- Geotechnical Field & Lab Work
- Traffic Management Design
- SWM & Drainage Design
- Hydrologic & Hydraulic Analysis
- Retaining Wall Layout
- Noise Modeling & Analysis



Design-Build Project Schedule





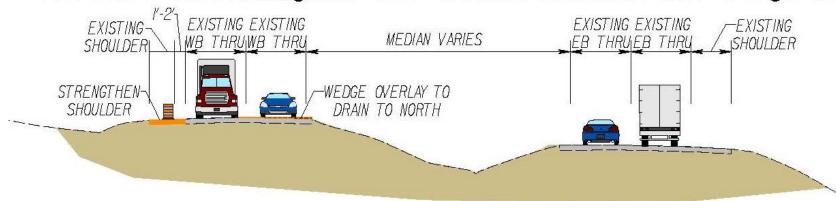


Area 1 – West of Difficult Run

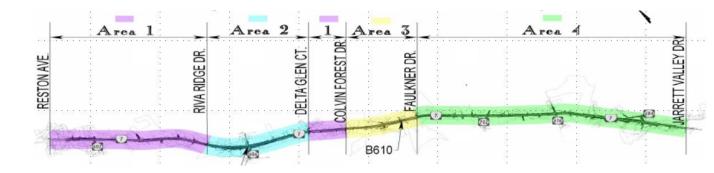
(Excluding Baron Cameron)



STAGE 1A: Strengthen WB Outside Shoulder and Wedge Overlay



Spring to Summer 2019



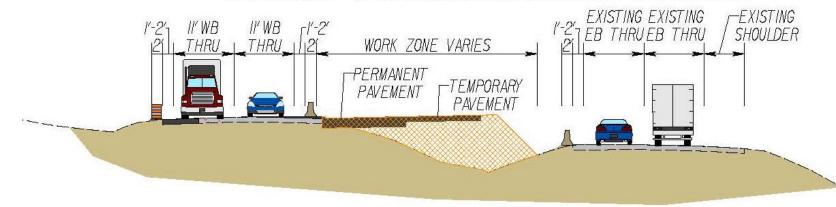


Area 1 - West of Difficult Run

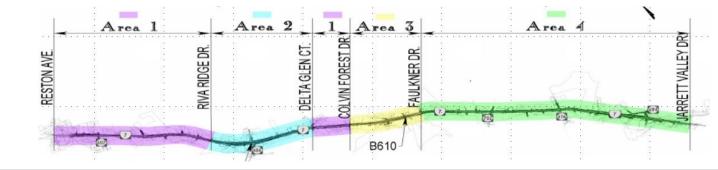
(Excluding Baron Cameron)



STAGE 1B: Construct Median Pavement



Summer 2019 to Spring 2020



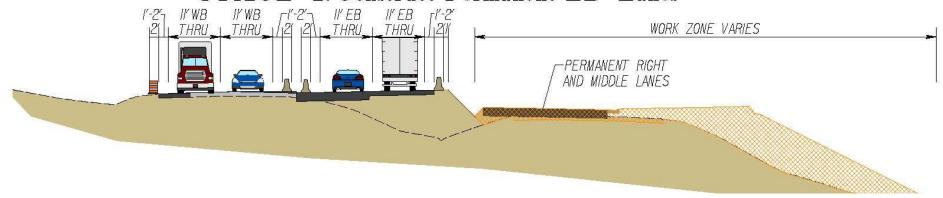


Area 1 - West of Difficult Run

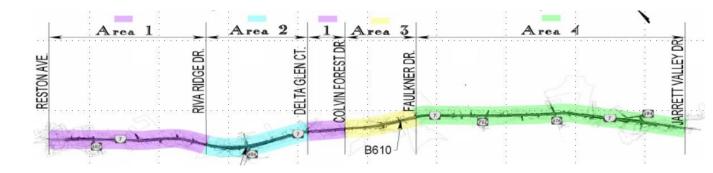
(Excluding Baron Cameron)



STAGE 2: Construct Permanent EB Lanes



Spring 2020 to Spring 2021



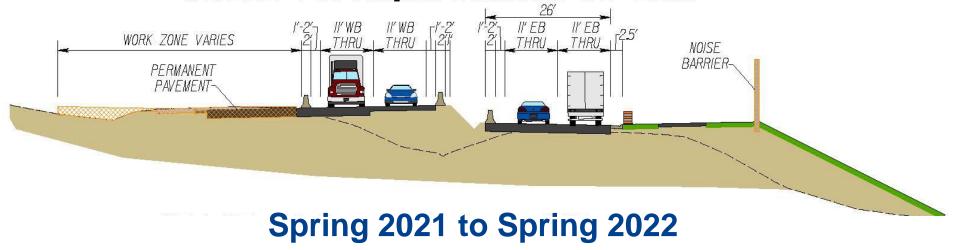


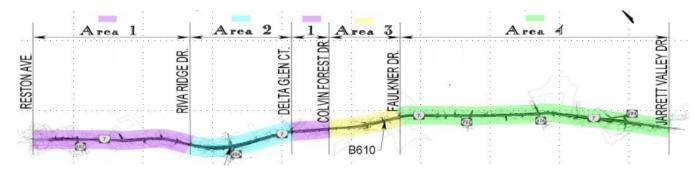
Area 1 - West of Difficult Run

(Excluding Baron Cameron)



STAGE 3A: Complete Permanent WB Lanes





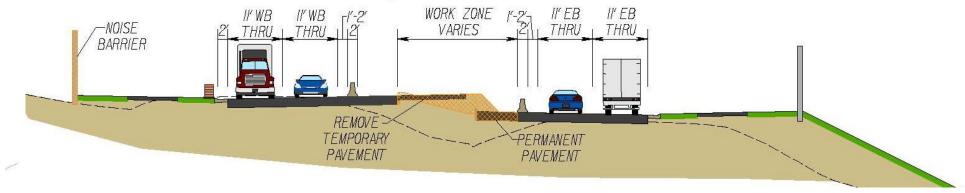


Area 1 - West of Difficult Run

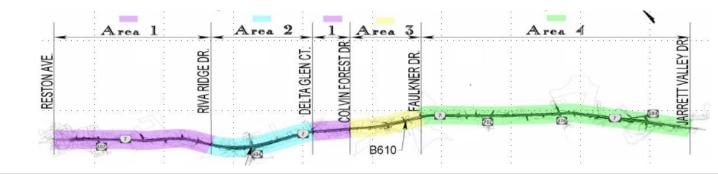
(Excluding Baron Cameron)



STAGE 3B: Complete Median and Noise Barriers



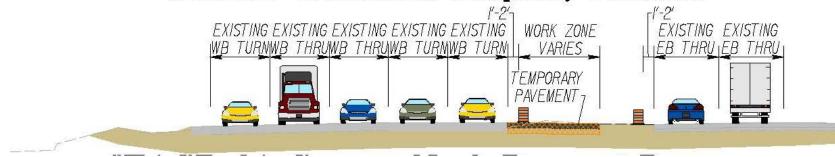
Spring 2022 to Summer 2023



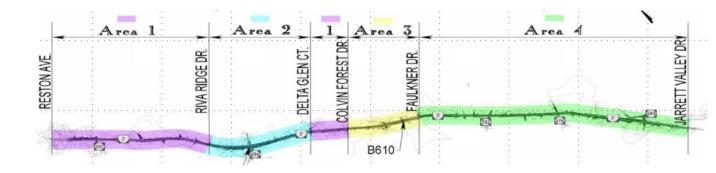




STAGE 1: Construct Temporary Pavement



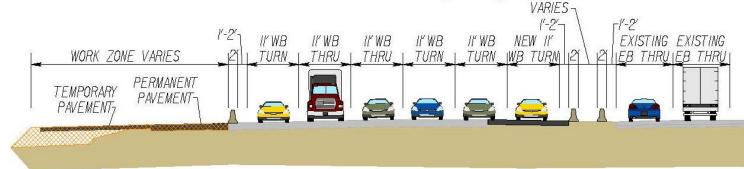
Summer 2019



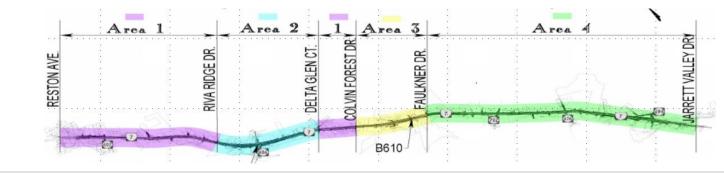




STAGE 2A: Construct North Portion of Permanent WB Lane & Temporary Pavement



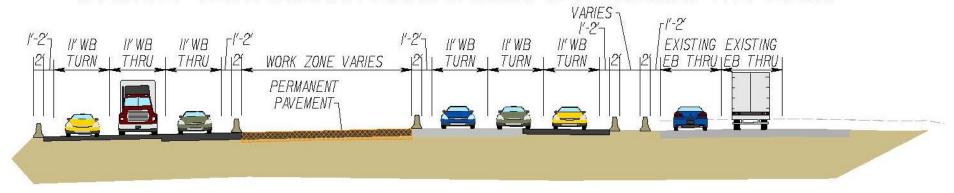
Summer 2020 to Fall 2021



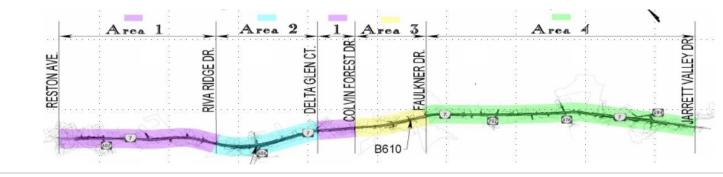




STAGE 2B: Construct Middle Portion of Permanent WB Lanes

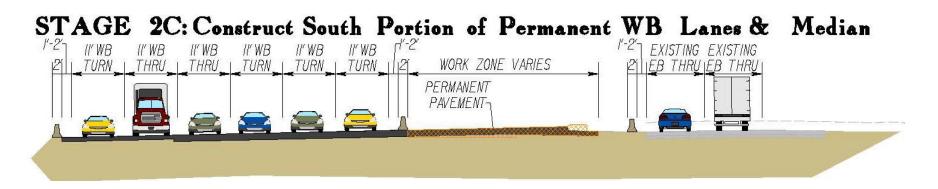


Fall 2021 to Summer 2022

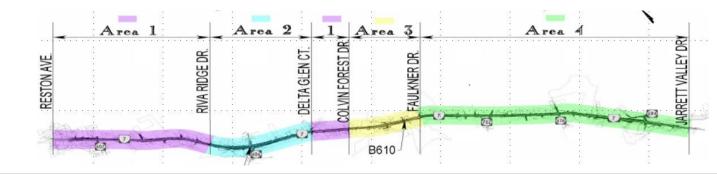






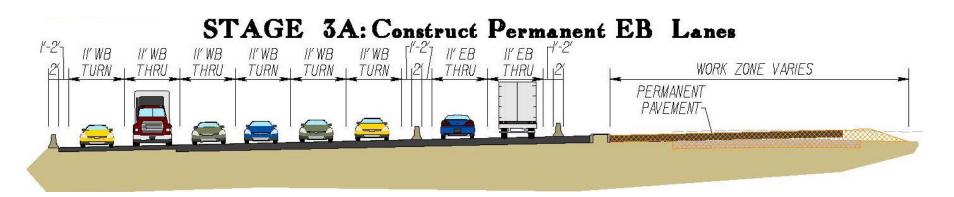


Summer to Fall 2022

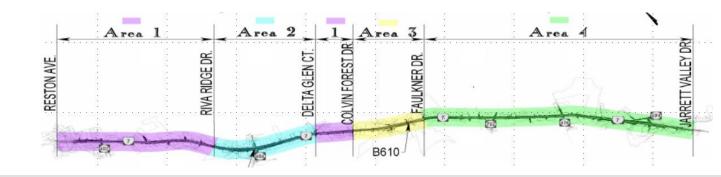






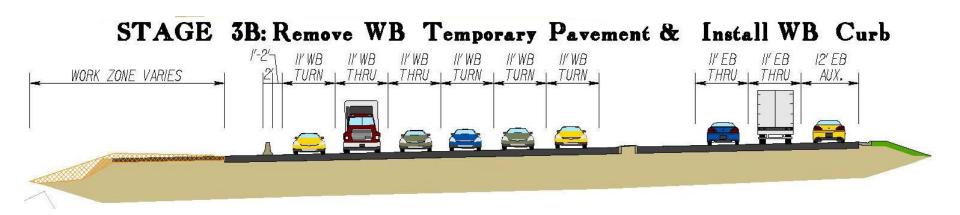


Fall 2022 to Summer 2023

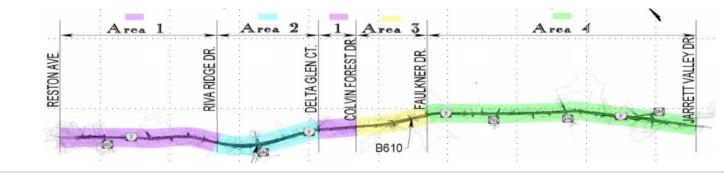








Summer 2023 to Summer 2024

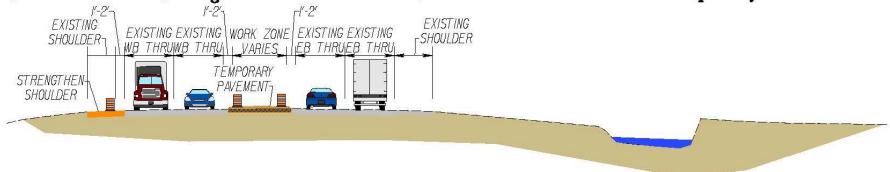




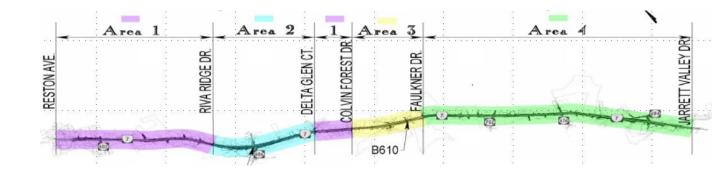
Area 3 – Difficult Run Area



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



Fall 2019 to Summer 2020

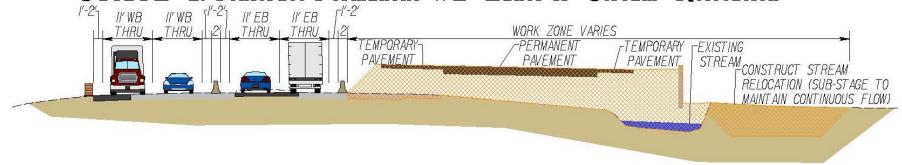




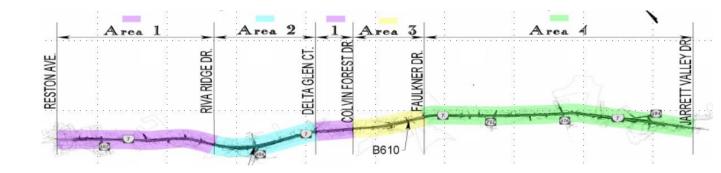
Area 3 - Difficult Run Area



STAGE 2: Construct Permanent WB Lanes & Stream Relocation



Summer 2020 to Summer 2022

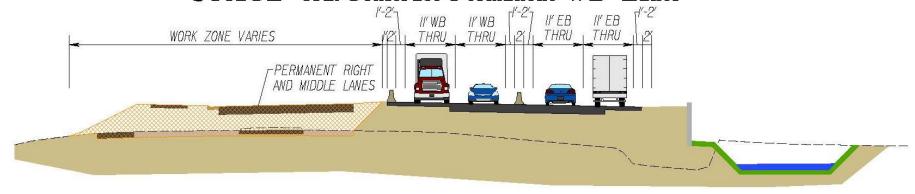




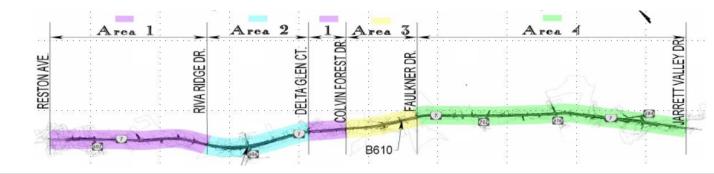
Area 3 - Difficult Run Area



STAGE 3A: Construct Permanent WB Lanes



Summer 2022 to Summer 2023

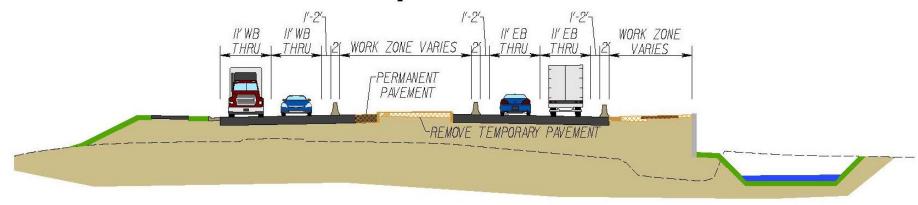




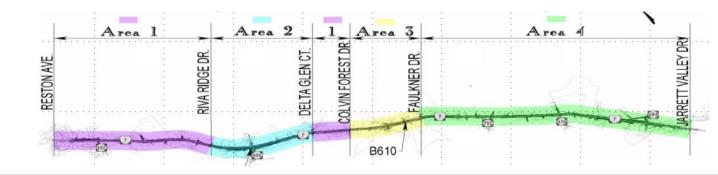
Area 3 - Difficult Run Area



STAGE 3C: Complete Pavement & Median



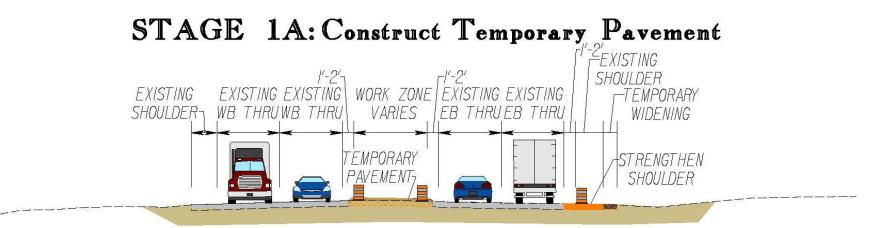
Summer 2023 to Summer 2024



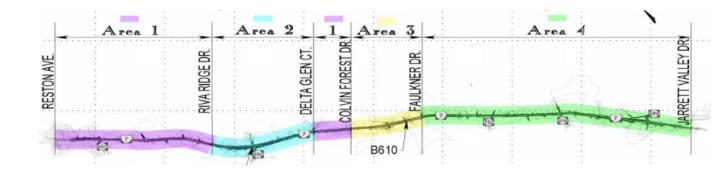


Area 4 - East of Difficult Run





Winter 2020 to Winter 2021

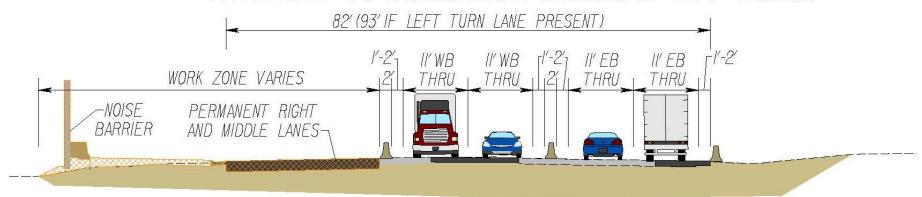




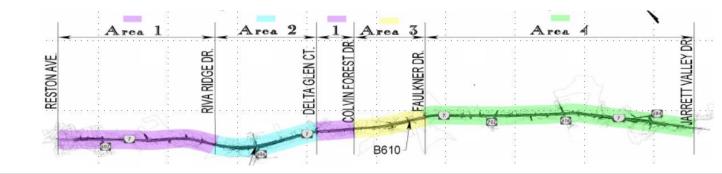
Area 4 - East of Difficult Run



STAGE 2: Construct Permanent WB Lanes



Winter 2021 to Winter 2022





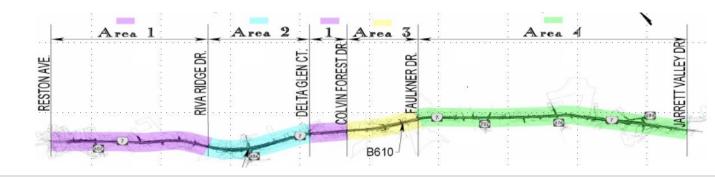
Area 4 - East of Difficult Run



STAGE 3A: Construct Permanent EB Lanes



Winter 2022 to Spring 2023

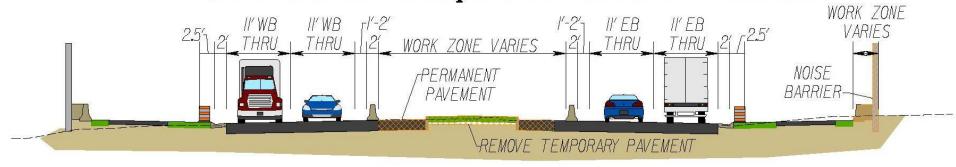




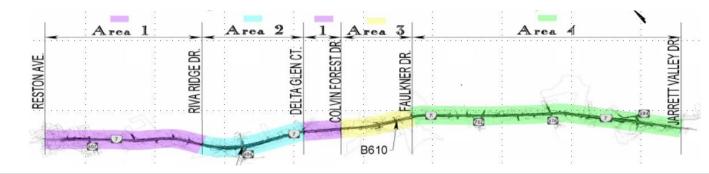
Area 4 - East of Difficult Run



STAGE 3B: Complete Pavement & Median



Spring 2023 to Summer 2024





Communications and Outreach Update



Recent Activities:

- Weekly lane closures emailed to Working Group and others, listed on project web site and in Virginia 511 system – ongoing
- Notification of staging area to adjacent businesses and HOA
- Project hotline: 833-777-7411
- Stakeholder list development ongoing, 300+ organizations and individuals identified
- Meeting with Towlston Area Residents on November 27
- December newsletter to be sent to ~2,100 email list subscribers
- Stakeholder project update email sent

Upcoming Activities:

- Public meetings—early 2019
- "Pardon Our Dust" meetings prior to major construction phases

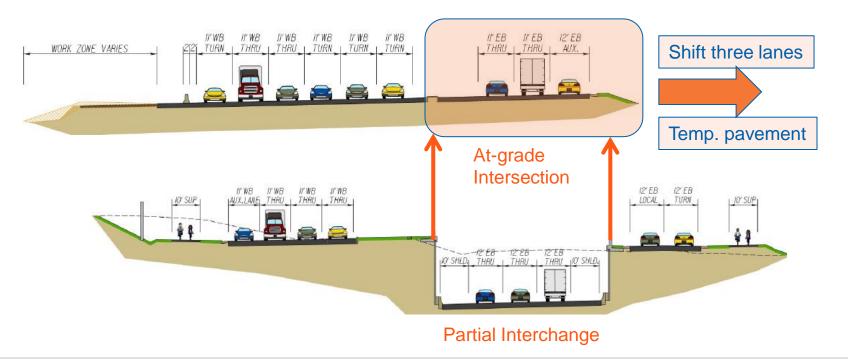


Can Route 7/Baron Cameron Ave/Springvale Rd at-grade intersection be easily upgraded in the future to the desired partial interchange?



The at-grade intersection would not preclude upgrading to a partial interchange. Additional temporary pavement would be required to maintain traffic during

construction of the depressed EB lanes and bridge.







Is it possible to acquire right-of-way with current project for the future partial interchange?



VDOT cannot acquire right-of-way (nor establish limited access lines) now for the future partial interchange due to budgetary constraints. Additional right-of-way and easements, beyond originally anticipated, would likely be needed to convert from the at-grade to future partial interchange.

What is the cost to construct the partial interchange within the current construction schedule versus the cost to construct if it is a future project?

The preliminary estimated construction cost of adding the partial interchange now is approximately \$29M (including necessary utility relocations and right of way), and could be up to \$34M in the future (subject to change due to inflation).



What are the Benefits of Triple Left at Baron Cameron At-Grade Intersection?



- 8% average reduction in delay for all movements (not just the WB lefts) as compared to a WB double left turn lane
- 35% reduction in queue length for the WB Route 7 to SB Baron Cameron Ave lefts
- 40% delay reduction for movement with highest delay in PM peak (NB Baron Cameron Ave left turns to WB Route 7)
- AM intersection LOS improves from LOS E to LOS D, PM intersection LOS remains LOS E but intersection delay reduces by 10%



Concern: Without the partial interchange, it is anticipated that the congestion will add 15+ minutes to the commute.



In the morning peak period:

- Travel time eastbound from Reston Pkwy to Beulah Rd, with the at-grade intersection at Baron Cameron, is expected to be just short of 6 minutes.
- Travel time between same two points with the partial interchange is expected to be 5 minutes, representing less than one minute difference.

In the afternoon peak period:

- Travel time westbound with the at-grade intersection between the same two points expected to be approximately 5.6 minutes.
- Travel time between the same two points with the partial interchange is expected to be approximately 5.3 minutes, representing approximately 16 seconds difference.



Concern: Added congestion without the Partial Interchange



Table 31: Travel Time Summary - Westbound Route 7

A difference of 49.2 seconds

5.88 minutes
5.06 minutes

Table 32: Travel Time Summary – Eastbound Route 7

	Eastbownd Travel Times (min)				
Intersection	2040 AM Conventional	2040 AM Build	2040 PM Conventional	2040 PM Build	
Section 1 (Reston Parkway to Baron Cameron Ave/Springvale Rd)	2.35	1.80	2.31	1.67	
Section 2 (Baron Cameron Ave/Springvale Rd to Beulah Rd/Forestville Dr)	3.53	3.26	2.91	3.20	
Section 3 (Beulah Rd/Forestville Dr to Dulles Toll Road WB Off-Ramp/Jarrett Valley Dr)	2.85	3.45	3.01	3.17	
Total Eastbound Travel Time (Reston Parkway to Dulles Toll Road WB Off-Ramp/Jarrett Valley Dr)	8.78	8.55	8.25	8.18	

		Westbound Tra	vel Times (min)	
Intersection	2040 AM Conventional	2040 AM Build	2040 PM Conventional	2040 PM Build
Section 1 (Dulles Toll Road WB Off-Ramp/Jarrett Valley Dr to Beulah Rd/Forestville Dr)	3.77	4.69	6.13	3.49
Section 2 (Beulah Rd/Forestville Dr to Baron Cameron Ave/Springvale Rd)	2.85	3.38	3.36	3.45
Section 3 (Baron Cameron Ave/Springvale to Reston Parkway)	1.74	1.78	2.25	1.90
Total Westbound Travel Time (Dulles Toll Road WB Off-Ramp/Jarrett Valley Dr to Reston Parkway)	8.34	9.98	11,92	9.07
		5.61 m	nutes	

A difference of 15.6 seconds

5.35 minutes

NOTE:

Conventional = At-Grade Improvements

Build = Partial Interchange



How will VDOT improve Delay and LOS at Baron Cameron Ave intersection?



A shorter cycle length will be considered for additional relief of delays in the early years. By 2040, the longer cycle length will be needed. Triple lefts at the intersection improves LOS for left and through movements in year 2021. VDOT is also providing a free-flow right turn from Baron Cameron Avenue to eastbound.

		Movement	2021 Dua	ual WB Lefts 2021 Triple WB Lefts		2040 Dual	WB Lefts	2040 Triple	e WB Lefts	
	Approach	Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
		Left	107	F	107	F	181.7	F	181.7	F
	NB	Through	109	F	109	F	257.5	F	257.5	F
		Right	43.3	D	71.3	Ε	39.7	D	68.9	Ε
		Left	219.5	F	219.5	F	549.2	F	549.2	F
	SB	Through	112.6	F	112.6	F	279.6	F	279.6	F
Baron Cameron		Right								
9910		Left	102.8	F	113.8	F	91	F	101.9	F
	WB	Through	11.4	В	11.4	В	117.3	F	117.3	F
l		Right	10.4	В	10.4	В	7.5	Α	7.5	Α
		Left	229.4	F	229.4	F	222.4	F	222.4	F
	EB	Through	45.1	D	35.2	D	64.1	E	47.8	D
		Right	0.1	Α	7.5	Α	0.2	Α	11.8	В
		Intersection	45	D	47.8	D	106.5	F	108.2	F

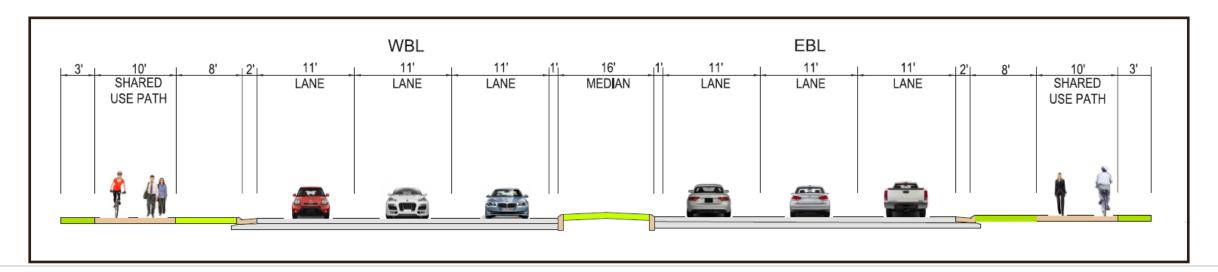
Approach	Movement	2021 Dua	WB Lefts	2021 Triple	e WB Lefts	2040 Dual	WB Lefts	2040 Triple	WB Left
Approach	wovernent	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
	Left	77.6	Ε	77.6	E	157	F	157	F
NB	Through	74.9	E	74.9	E	392.6	F	392.6	F
	Right	16.7	В	24.7	С	25	С	35.5	D
	Left	84.5	F	84.5	F	81.2	F	81.2	F
S8	Through	52.4	D	52.4	D	214.5	F	214.5	F
	Right								
3	Left	56.4	Ε	48.8	D	232.3	F	55.1	E
WB	Through	34.5	С	34.5	С	525.3	F	525.3	F
	Right	11.5	В	11.5	В	9.9	Α	9.9	Α
	Left	77.4	Ε	77.4	Ε	104.7	F	104.7	F
EB	Through	45.1	D	37.5	D	196.8	F	56.7	E
3	Right	0.1	Α	88.2	F	0.2	Α	55.1	E
2.0	Intersection	40.1	D	41.3	D	318.3	F	272.7	F



Confirm that Improvements will not preclude future transit, such as BRT, to travel unimpeded through the corridor



Buses can travel in one of the travel lanes with signal preemption/ priority or an alternating one-way public transit route can be built along the 16' median, with improvements at the intersections (where the median is only 4' wide for turn bays). Alternately, an elevated transit facility could be constructed, except in Tysons Corner where the Silver Line conflicts.





Concern with the number and size of SWM ponds under Current Regulations vs Grandfathering



Under New Guidelines (for projects constructed after July 1, 2019):

- All impervious area would have to be treated.
- At least 14 SWM ponds would be required, resulting in additional property acquisition, construction costs, and additional long-term maintenance.

Under Grandfathered Guidelines:

- Treat only added impervious area
- Allows for reduction in number and sizes of ponds resulting in costs savings with respect to less property acquisition, earthwork, construction, and long-term maintenance.
- Cost savings is approximately \$3.0 million (could be substantially more depending on ROW costs).



Open Discussion



- Other items?
- Next Working Group Meeting?



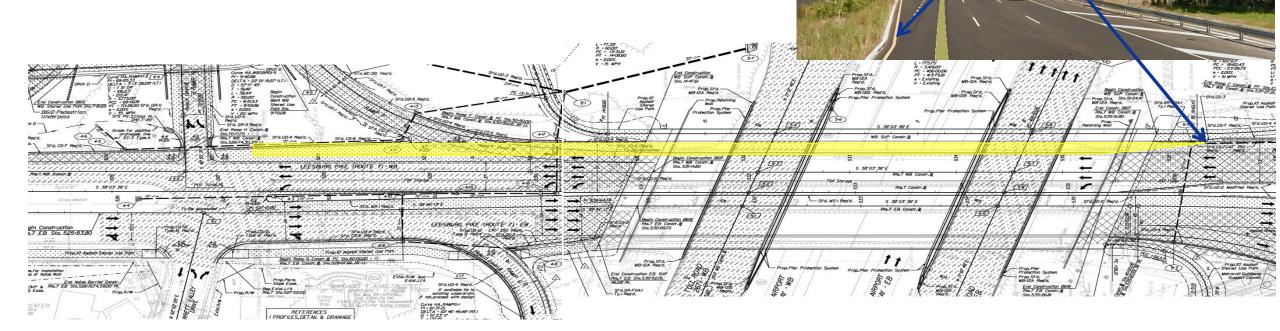
U-Turn from EB DTR and Route 7 WB to EB at Jarrett Valley Drive



Taper Begin

Completed May 2018

■ 794 foot storage with 100 foot taper





U-Turn from EB DTR and Route 7 WB to EB at Jarrett Valley Drive



	(800) 583-8411			
	www.trafficgroup.com			
Date: Wednesday, Ma	ay 23rd, 2018			
Description: 24 hr. We	eaving Video Analysis of Traffic Exiting the Dulle	es Toll Road El	B and Heading NB on	Rt. 7 to Jarrett Valley [
County: Fairfax Count	y, VA			
Lattitude: 38.93371				
Longitude: -77.24591				
5/23/2018 Movement	Movement Description	Total		
1	Vehicles going from Lane 1 to Lanes 3 & 4	1563	10%	
2	Vehicles going from Lane 3 or 4 to Lane 1	13589	90%	
3	Near Miss	0	0%	
		15152		



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U-Turn from EB DTR and Route 7 WB to EB at Jarrett Valley Drive – Live Camera



http://www.511virginia.org/





U-Turn from Route 7 WB to EB at Jarrett Valley Drive Before & After New Bridge









ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT WORKING GROUP

Working Group Meeting #20 - Sign-in sheet

Wednesday December 12, 2018: 1:00 pm – 3:00 pm VDOT NOVA District Office, Potomac Conference Room **Working Group Members**

Group Member	Representing	Email
Jack Crosby	Wolf Trap Woods HOA (Supervisor Foust selection)	jackcrosby01@gmail.com
Jay Volkert	Senator Favola	jvolkert@stafpouverries
Andy Galusha	Fairfax County Park Authority	Andrew.Galusha@fairfaxcounty.gov
Smitha Chellappa	Fairfax County DOT	Smitha.Chellappa@fairfaxcounty.gov
Jennifer Kaplan	Supervisor Foust's Office	Jennifer.Kaplan@FairfaxCounty.gov
Eric Knudsen/	Great Falls Citizens' Association (GFCA)	m.eric.knudsen@gmail.com
Michael Martin	Reston Association	Mrmetc Bverizon, net N
Kathryn Parker Martin	Hunter Mill TAC	Kathryn.martin@fairfaxcounty.gov
James A. Robertson	McLean Citizens Association (MCA)	jim@ann-jim.com
Tim Thompson	Supervisor Hudgins selection	tctthompson@msn.com
Delegate Kathleen Murphy	VA Delegate	
Tina Briganti-Dunn	VDOT NOVA Design-Build Program Manager	Christiana.Briganti@VDOT.Virginia.gov
Arif Rahman	VDOT Design-Build Project Manager	md.rahman@VDOT.Virginia.gov
William Dunn	VDOT Project Manager	William.Dunn@VDOT.Virginia.gov
Helen Cuervo	NOVA District Administrator	
Allison Richter	Arlington/Fairfax PE	
William Cuttler	NOVA District Construction Engineer	William.Cuttler@VDOT.Virginia.gov
Andrew Beacher	Arlington/Fairfax PE	-
Jenni McCord	Communications	and the second
Kathleen Leonard	Communications	Kamican. 100 mod of the
Tom Fryer	Washington Gas	TFryer@washgas.com
Jeffrey Hicks	Washington Gas	JHicks@washgas.com
Tom Biesiadny	FCDOT Director	tom, bies a day & for fax count.
Jeff Austin	Shirley - Design Build PM	jaustin@shirleycontracting.com
Steve Kuntz	Dewberry – Design Manager	skuntz@dewberry.com
Jennifer Alcott	Shirley – Public Affairs	Jennifer.alcott@shirkleycontracting.com
Pete Kramer	Shirley – DB Integrator	Pete.kramer@shirleycontracting.com
Jerry Mrykalo	Dewberry – Traffic	gmrykalo@dewberry.com
Ryan Marrah	Shirley – ROW	ryan.marah@shirley.com
Kim Larkin	Dewberry – Environmental	klarkin@dewberry.com

ROUTE 7 CORRIDOR IMPROVEMENTS PROJECT WORKING GROUP

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C. Michael Pruitt	Design-Build Construction Manager	Charles.Pruitt@VDOT.Virginia.gov
Charis Marston	FHWA Engineer	chris.marston@dot.gov
John Alexander	Shirley Contracting - Project Manager	john dexander Oshirley contracting com
Thomas Folse	Voot Traffic Engineering	thomas folse, vdot virginia gov
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