



County of Fairfax, Virginia

PARDON OUR DUST

**Lee Chapel Road Walkway from
Britford Drive to Burke Lake Road
Project No. 5G25-060-030**

May 29, 2019

Seyed Nabavi



Welcome Construction Team

Utilities Design & Construction Division:

Bijan Samiyi, Construction Manager

Wayne Kotter, Director

Transportation Design Division:

Seyed Nabavi, Design Project Manager

James Beall, Section Chief



Meeting Agenda

- Introduction of Construction Team
- Project Update
- Construction Elements
 - Sequence of Construction
 - Lane Closures
 - Possible Night Work
- Q & A



Project Update

- New 5'-6' wide sidewalk
- New ADA (Americans with Disabilities Act) accessible curb ramps
- New concrete bus loading pad at Covered Bridge Road intersection
- New storm drain inlet and pipes
- New concrete retaining wall with architectural treatment
- New privacy fences
- Construction schedule: Fall 2019 – Spring 2020
- Construction estimate: \$1.5 Million



Construction Elements

Sequence of Construction

Stage 1: Close the Lee Chapel NB Right Turn Lane at the intersection of Burke Lake Road to construct the storm sewer pipes and replace the existing sidewalk on SE corner of Lee Chapel Road and Burke Lake Road.

Duration: Approximately 1 month

Length of Closure: Approximately 500 Feet



Construction Elements

Sequence of Construction

Stage 2: Close Lee Chapel Road NB Left Turn Lane and SB receiving lane at the intersection of Burke Lake Road to construct the stormwater pipes, replace existing pavement and relocate portion of water line.

Duration: Approximately 1 month

Length of Closure: Approximately 500 Feet

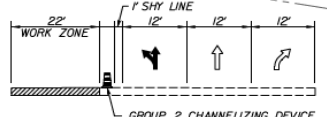
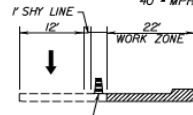
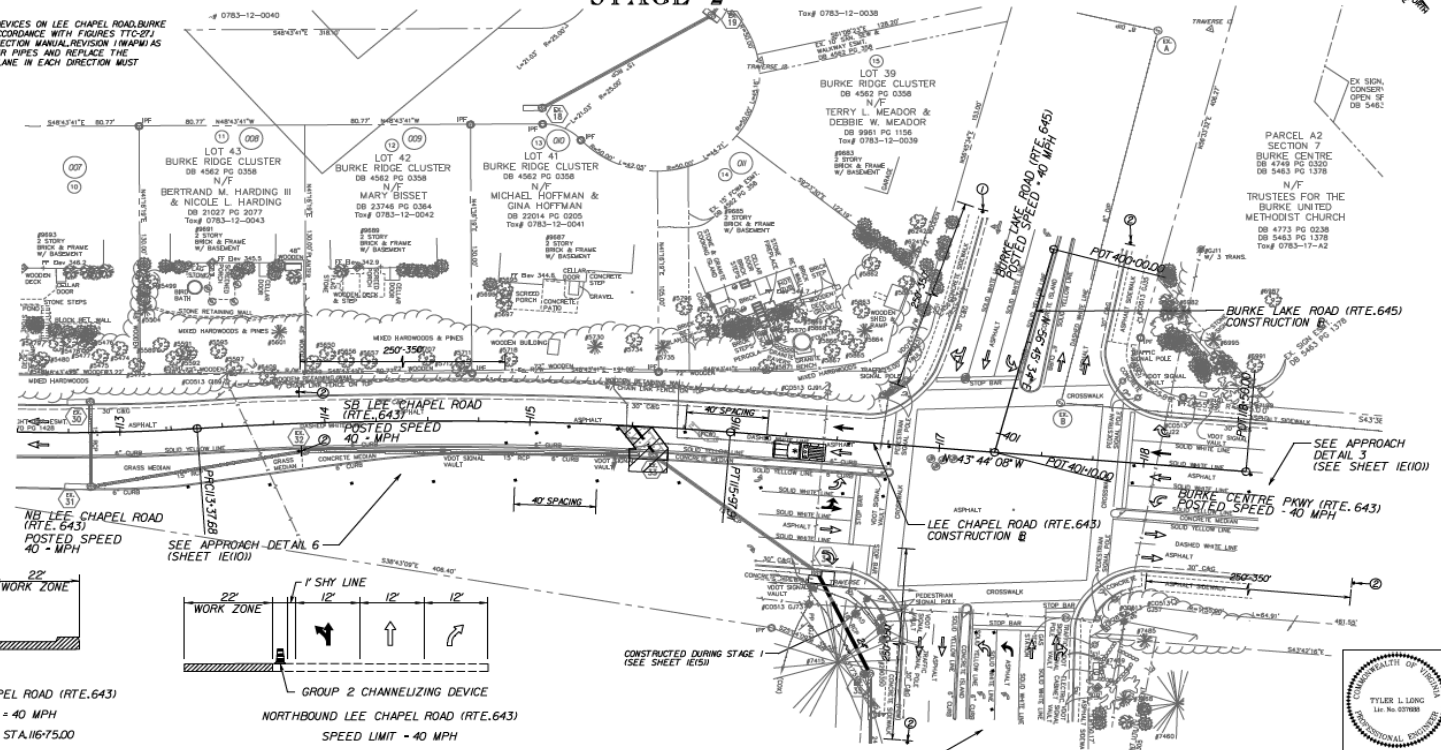


County of Fairfax, Virginia

PROJECT MANAGER - SEVED, A KNOWLEDGE (703) 877-5728
 SURVEYED BY DATE: JOE ASSOCIATES INC. 05/01/2010
 DESIGN BY - WHITEMAN, REQUARDT & ASSOCIATES, LLP (703) 205-2117
 SUBSURFACE UTILITY BY DATE: ACCURATE INC. AUGUST, 2009

TRANSPORTATION MANAGEMENT PLAN STAGE 2

STAGE 2:
 THE CONTRACTOR SHALL PLACE CHANNELIZING DEVICES ON LEE CHAPEL ROAD, BURKE CENTRE PARKWAY AND BURKE LAKE ROAD IN ACCORDANCE WITH FIGURES TTC-271 AND TTC-291 OF THE VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 11/NAF11 AS SHOWN ON PLANS. CONSTRUCT THE STORM SEWER PIPES AND REPLACE THE EXISTING PAVEMENT AS SHOWN ON PLANS. ONE LANE IN EACH DIRECTION MUST REMAIN OPEN AT ALL TIMES.



GROUP 2 CHANNELIZING DEVICE
 SOUTHBOUND LEE CHAPEL ROAD (RTE. 643)
 SPEED LIMIT = 40 MPH
 STA. 115+25.00 TO STA. 116+75.00

GROUP 2 CHANNELIZING DEVICE
 NORTHBOUND LEE CHAPEL ROAD (RTE. 643)
 SPEED LIMIT = 40 MPH

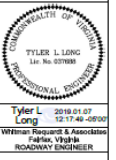
- NOTES:**
- 1) PROJECT LIMITS SIGNING SHALL BE IN ACCORDANCE WITH FIGURE TTC-350 OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 11/NAF11.
 - 2) LANE CLOSURE OPERATION - FAR SIDE OF AN INTERSECTION ON SOUTHBOUND LEE CHAPEL ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-281 OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 11/NAF11.
 - 3) TURN LANE CLOSURE OPERATION ON WESTBOUND BURKE LAKE ROAD AND NORTHBOUND LEE CHAPEL ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-291 OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 11/NAF11.
 - 4) CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AND SAFE PASSAGE FOR PEDESTRIANS/BICYCLISTS DURING CONSTRUCTION WHERE EXISTING FACILITIES ARE PRESENT IN ACCORDANCE WITH FIGURES TTC-350 AND TTC-361 OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 11/NAF11.
 - 5) SEE SHEET 1E(10) FOR APPROPRIATE APPROACH DETAILS.

- LEGEND**
- WORK ZONE AREA
 - GROUP 2 CHANNELIZING DEVICE
 - ARROW BOARD ON TRAILER
 - SIGN
 - EXISTING DIRECTION OF TRAVEL
 - TEMPORARY DIRECTION OF TRAVEL
 - WORK VEHICLE



Whitman, Requardt & Associates, LLP
 3701 Pandora Drive, Suite 450, Fairfax, Virginia 22030

EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES-UTILITIES DESIGN & CONSTRUCTION DIVISION 12000 GOVERNMENT CENTER PARKWAY, SUITE 403 FAIRFAX, VA., 22035-0052			
		OFFICE OF CAPITAL FACILITIES 703-324-0500	
		LEE CHAPEL ROAD WALKWAY TRANSPORTATION MANAGEMENT PLAN STAGE 2	
		PROJECT NO: 5625-060-030	
		SCALE: 1"=25'	
		DESIGNED: TW	
		DRAFTED: TW	
		CHECKED: TLL	
		SHEET 1E(8)	
FUND # 300-C30050			
NO.	DESCRIPTION	BY	APPROVED DATE



Tyler L. Long
 License No. 027808
 Whitman, Requardt & Associates
 Fairfax, Virginia
 ROADWAY ENGINEER





Construction Elements

Sequence of Construction

Stage 3: Close Burke Center Pkwy SB Through Lane and Lee Chapel Road SB Through Lane and Burke Lake Road WB Left Turn Lane to construct retaining wall, sidewalk, curb ramps, drainage improvements, and relocate water lines.

Duration: Approximately 6 months

Length of Closure: Approximately 2000 Feet

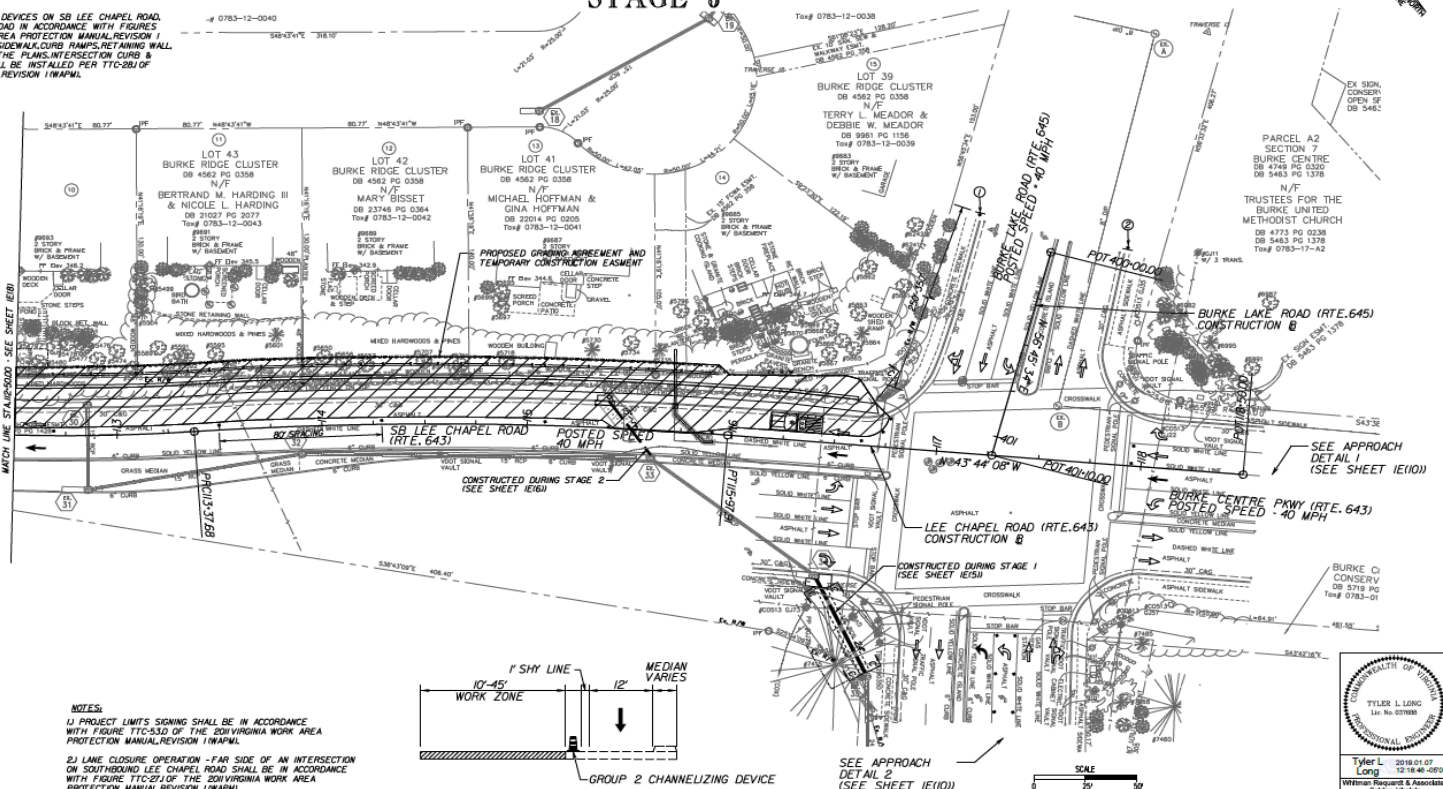


County of Fairfax, Virginia

PROJECT MANAGER: SEYMOUR, A. RAYMOND, P.E. (703) 877-5778
 SURVEYED BY DATE: ROE ASSOCIATES, INC. (703) 222-1111
 DESIGN BY: WHITMAN, REQUARDT & ASSOCIATES, L.P. (703) 222-1111
 SUBSURFACE UTILITY BY DATE: GCS/WR/INC./AUGUST 2005

TRANSPORTATION MANAGEMENT PLAN STAGE 3

STAGE 3:
 THE CONTRACTOR SHALL PLACE CHANNELIZING DEVICES ON SB LEE CHAPEL ROAD, BURKE CENTRE PARKWAY AND BURKE LAKE ROAD IN ACCORDANCE WITH FIGURES TTC-271 AND TTC-281 OF THE VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 1 (WAPM) AS SHOWN ON PLANS. CONSTRUCT THE SIDEWALK CURB RAMP, RETAINING WALL AND DRAINAGE IMPROVEMENTS AS SHOWN ON THE PLANS. INTERSECTION CURB & GUTTER AND CURB RAMP IMPROVEMENTS SHALL BE INSTALLED PER TTC-281 OF THE VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 1 (WAPM).



- NOTES:**
- PROJECT LIMITS SIGNING SHALL BE IN ACCORDANCE WITH FIGURE TTC-350 OF THE 2001 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 1 (WAPM).
 - LANE CLOSURE OPERATION - FAR SIDE OF AN INTERSECTION ON SOUTHBOUND LEE CHAPEL ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-271 OF THE 2001 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 1 (WAPM).
 - TURN LANE CLOSURE OPERATION ON WESTBOUND BURKE LAKE ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-281 OF THE 2001 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 1 (WAPM).
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AND SAFE PASSAGE FOR PEDESTRIANS/BICYCLISTS DURING CONSTRUCTION WHERE EXISTING FACILITIES ARE PRESENT IN ACCORDANCE WITH FIGURES TTC-350 AND TTC-361 OF THE 2001 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 1 (WAPM).
 - TTC-261 MAY BE UTILIZED FOR WORK ALONG SB LEE CHAPEL ROAD PROVIDED THE WARNING TAPER BEGINS AT LEAST 300 FT SOUTH OF THE BURKE LAKE ROAD (RTE. 645) INTERSECTION.
 - SEE SHEET 1E(10) FOR APPROPRIATE APPROACH DETAILS.

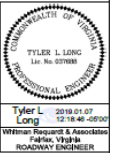
- LEGEND**
- WORK ZONE AREA
 - GROUP 2 CHANNELIZING DEVICE
 - ARROW BOARD ON TRAILER
 - SIGN
 - EXISTING DIRECTION OF TRAVEL
 - TEMPORARY DIRECTION OF TRAVEL
 - WORK VEHICLE

SOUTHBOUND LEE CHAPEL ROAD (RTE. 643)
 SPEED LIMIT - 40 MPH
 STA. 10+44.9 TO STA. 116+70.20



Whitman, Requardt & Associates, L.P.
 5701 Piedmont Drive, Suite 400, Fairfax, Virginia 22030

EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES-UTILITIES DESIGN & CONSTRUCTION DIVISION 12000 GOVERNMENT CENTER PARKWAY, SUITE 483 FAIRFAX, VA., 22035-0052			
		OFFICE OF CAPITAL FACILITIES 703-324-5800	
		LEE CHAPEL ROAD WALKWAY TRANSPORTATION MANAGEMENT PLAN STAGE 3	
		PROJECT NO: 5025-000-030	
		SCALE	SHEET
		1"=26'	1E(9)
		DESIGNED: TW	CHECKED: TLL
		DRAWN: TW	
FUND # 300-C30050			



Tyler L. Long
 License No. 027898
 State of Virginia
 ROADWAY ENGINEER





County of Fairfax, Virginia

TRANSPORTATION MANAGEMENT PLAN STAGE 3

PROJECT MANAGER: SEED, A. ANDREW, P.E. (703) 875-5758
 SURVEYED BY: DATE: SEE ASSOCIATED SHEETS
 DESIGN BY: WITMAN, REQUARDT & ASSOCIATES, LLP (703) 253-8171
 SUBSURFACE UTILITY BY: DATE: SEE ASSOCIATED SHEETS

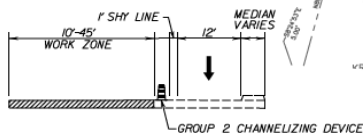
STAGE 3:
 THE CONTRACTOR SHALL PLACE CHANNELIZING DEVICES ON SB LEE CHAPEL ROAD, BURKE CENTRE PARKWAY AND BURKE LAKE ROAD IN ACCORDANCE WITH FIGURES TTC-271 AND TTC-281 OF THE VIRGINIA WORK AREA PROTECTION MANUAL, REVISION I (WAPM) AS SHOWN ON PLANS. CONSTRUCT THE SIDEWALK, CURB RAMP, RETAINING WALL AND DRAINAGE IMPROVEMENTS AS SHOWN ON THE PLANS. INTERSECTION CURB & GUTTER AND CURB RAMP IMPROVEMENTS SHALL BE INSTALLED PER TTC-281 OF THE VIRGINIA WORK AREA PROTECTION MANUAL, REVISION I (WAPM).

NOTES:

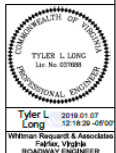
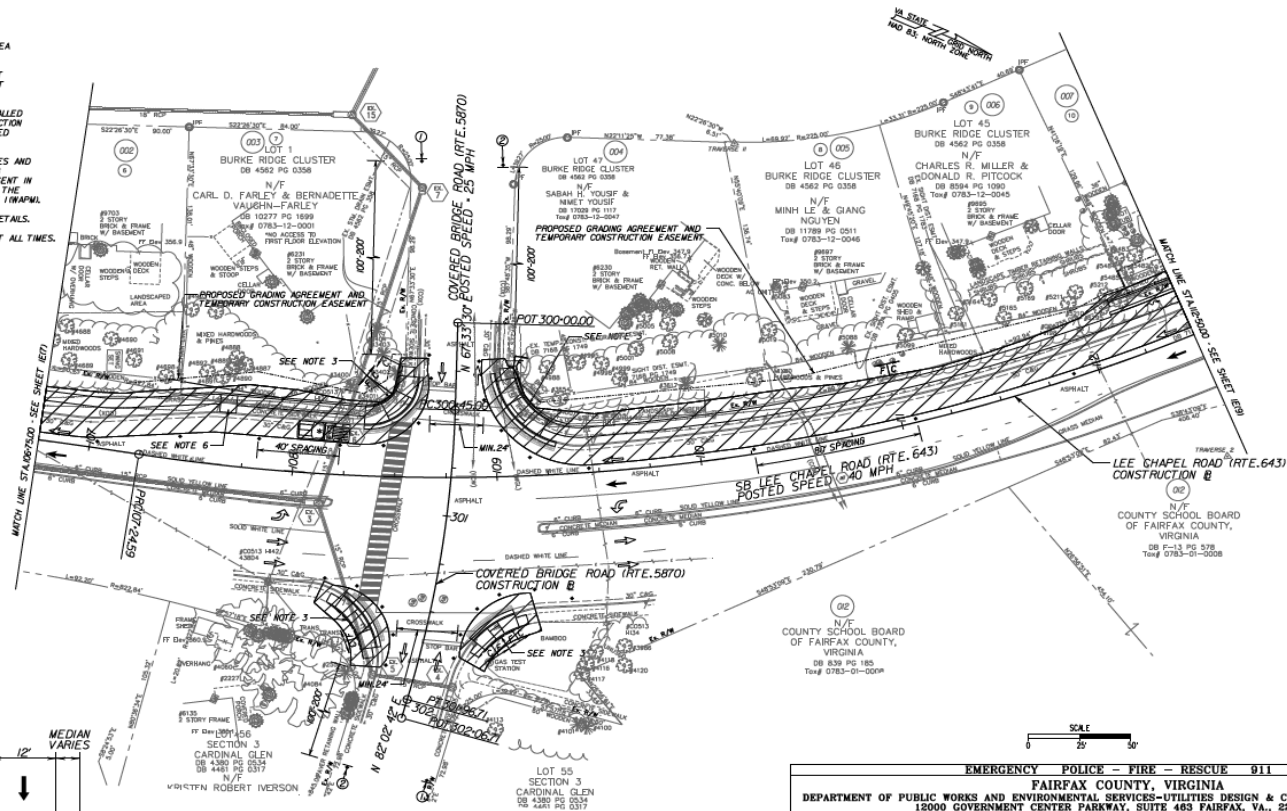
- 1) PROJECT LIMITS SIGNING SHALL BE IN ACCORDANCE WITH FIGURE TTC-530 OF THE 2018 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION I (WAPM).
- 2) CONTRACTOR SHALL COORDINATE WORK TO PREVENT CONSTRUCTION ACTIVITY SIMULTANEOUSLY LEFT & RIGHT OF TRAFFIC.
- 3) CURB & GUTTER AND CURB RAMP SHALL BE INSTALLED PER TTC-281 OF THE 2018 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION I (WAPM) UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 4) CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AND SAFE PASSAGE FOR PEDESTRIANS/BICYCLISTS DURING CONSTRUCTION WHERE EXISTING FACILITIES ARE PRESENT IN ACCORDANCE WITH FIGURES TTC-350 AND TTC-361 OF THE 2018 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION I (WAPM).
- 5) SEE SHEET 1810 FOR APPROPRIATE APPROACH DETAILS.
- 6) CONTRACTOR SHALL MAINTAIN BUS STOP ACCESS AT ALL TIMES.

LEGEND

- WORK ZONE AREA
- GROUP 2 CHANNELIZING DEVICE
- ARROW BOARD ON TRAILER
- SIGN
- EXISTING DIRECTION OF TRAVEL
- TEMPORARY DIRECTION OF TRAVEL
- WORK VEHICLE



SOUTHBOUND LEE CHAPEL ROAD (RTE. 643)
 SPEED LIMIT = 40 MPH
 STA. 101+44.9 TO STA. 116+70.20



Tyler L. Long
 2016.01.07
 Lic. No. 07988
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 Fairfax, Virginia
 ROADWAY ENGINEER

EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES-UTILITIES DESIGN & CONSTRUCTION DIVISION 12000 GOVERNMENT CENTER PARKWAY, SUITE 403 FAIRFAX, VA. 22030-0002			
		OFFICE OF CAPITAL FACILITIES 703-324-5800	
		LEE CHAPEL ROAD WALKWAY TRANSPORTATION MANAGEMENT PLAN STAGE 3	
		PROJECT NO: 5G25-060-030	
		SCALE: 1"=25'	DESIGNED: TW
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			CHECKED: TLL
			SHEET 18(6)
		FUND # 300-C30056	
NO.	DESCRIPTION	BY	APPROVED DATE



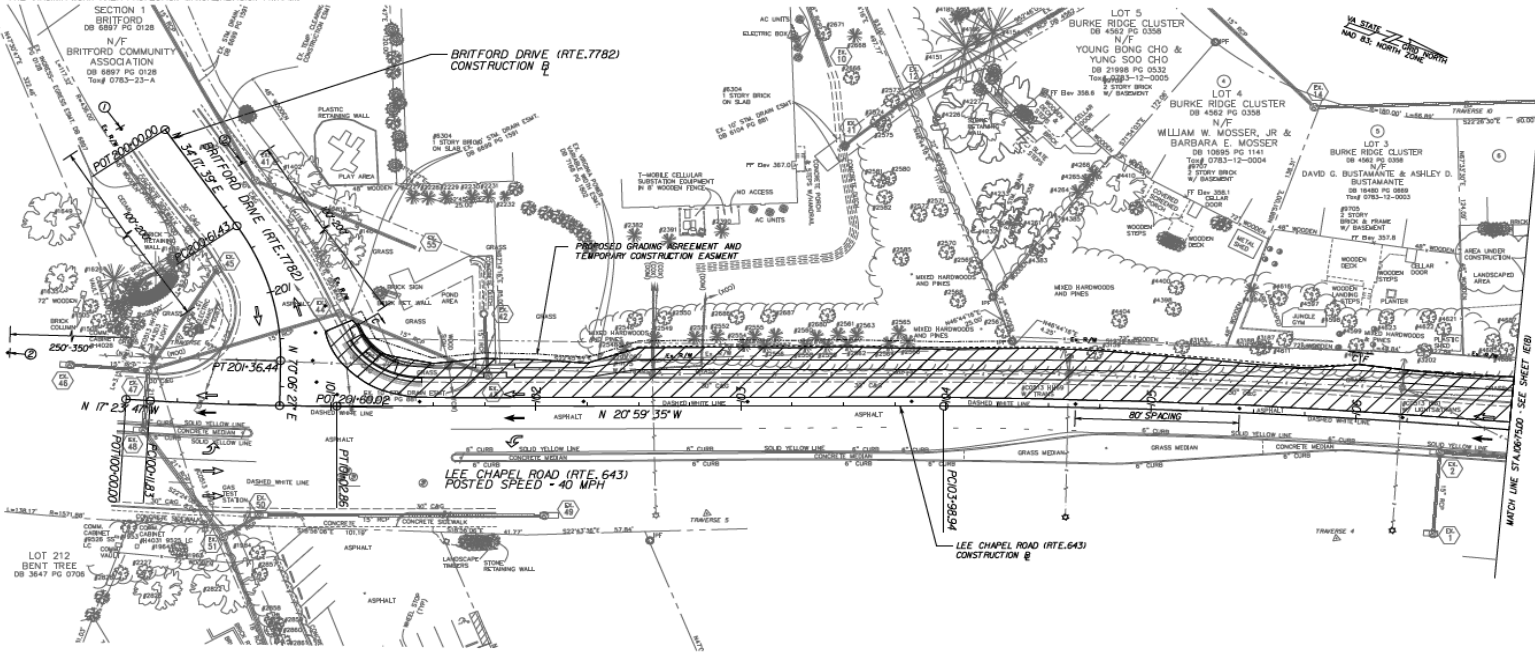


County of Fairfax, Virginia

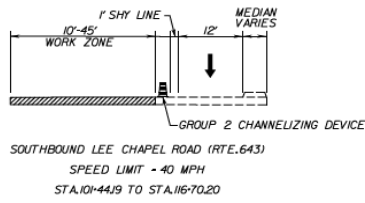
PROJECT MANAGER: SEYMOUR ANANDALE (703) 877-5759
 SURVEYED BY DATE: SEE ASSOCIATED DRAWING
 DESIGN BY: WHITMAN, REQURD & ASSOCIATES, LLP (703) 250-1911
 SUBSURFACE UTILITY BY DATE: SEE ASSOCIATED DRAWING

TRANSPORTATION MANAGEMENT PLAN STAGE 3

STAGE 3:
 THE CONTRACTOR SHALL PLACE CHANNELIZING DEVICES ON SB LEE CHAPEL ROAD, BURKE CENTRE PARKWAY AND BURKE LAKE ROAD IN ACCORDANCE WITH FIGURES TTC-27 AND TTC-29 OF THE VIRGINIA WORK AREA PROTECTION MANUAL/REVISION 1 (WAPM) AS SHOWN ON PLANS. CONSTRUCT THE SIDEWALK, CURB RAMPS, RETAINING WALL AND DRAINAGE IMPROVEMENTS AS SHOWN ON THE PLANS. INTERSECTION CURBS & GUTTER AND CURB RAMP IMPROVEMENTS SHALL BE INSTALLED PER TTC-29 OF THE VIRGINIA WORK AREA PROTECTION MANUAL/REVISION 1 (WAPM).



- LEGEND**
- WORK ZONE AREA
 - GROUP 2 CHANNELIZING DEVICE
 - ARROW BOARD ON TRAILER
 - SIGN
 - EXISTING DIRECTION OF TRAVEL
 - TEMPORARY DIRECTION OF TRAVEL
 - WORK VEHICLE



NOTES:

- 1) PROJECT LIMITS SIGNING SHALL BE IN ACCORDANCE WITH FIGURE TTC-55.0 OF THE 2016 VIRGINIA WORK AREA PROTECTION MANUAL/REVISION 1 (WAPM).
- 2) CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AND SAFE PASSAGE FOR PEDESTRIANS/BICYCLISTS DURING CONSTRUCTION WHERE EXISTING FACILITIES ARE PRESENT IN ACCORDANCE WITH FIGURES TTC-35.0 AND TTC-36.0 OF THE 2016 VIRGINIA WORK AREA PROTECTION MANUAL/REVISION 1 (WAPM).
- 3) SEE SHEET 1E(1) FOR APPROPRIATE APPROACH DETAILS.



WRA
 Whitman, Requardt & Associates, LLP
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Seal of the State of Virginia
 Tyler L. Long
 License No. 523388
 Professional Engineer
 Tyler L. Long 2018.01.07
 Long 12/18/10-49300
 Whitman, Requardt & Associates
 Fairfax, Virginia
 ROADWAY ENGINEER

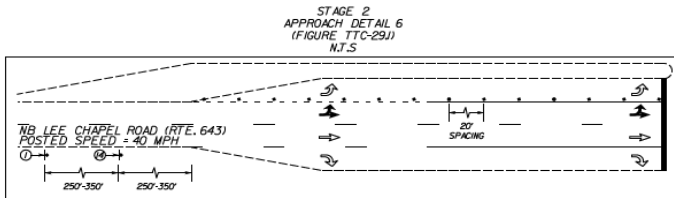
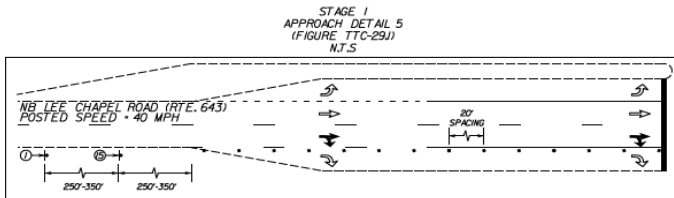
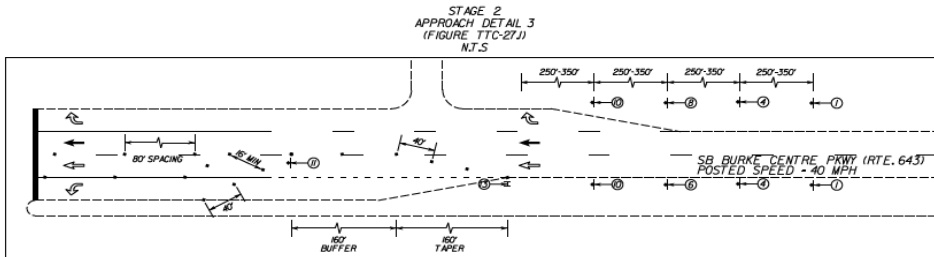
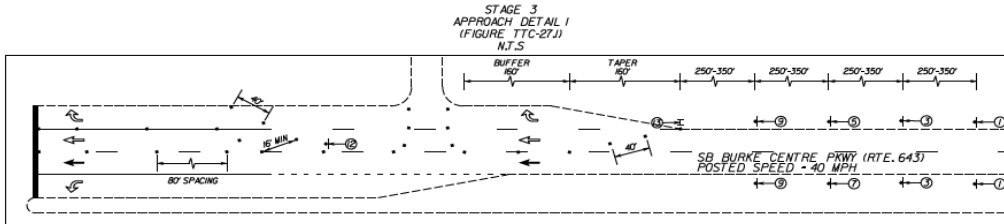
EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES-UTILITIES DESIGN & CONSTRUCTION DIVISION			
12000 GOVERNMENT CENTER PARKWAY, SUITE 403 FAIRFAX, VA., 22035-0052			
		OFFICE OF CAPITAL FACILITIES 703-304-0000	
		LEE CHAPEL ROAD WALKWAY TRANSPORTATION MANAGEMENT PLAN STAGE 3	
		PROJECT NO: 5025-060-030	
		SCALE 1"=25'	
		DESIGNED: TW	
		DRAFTED: TW	
		CHECKED: TLL	
		SHEET 1E(7)	
		FUND # 300-C30060	
#	DESCRIPTION	BY	APPROVED DATE



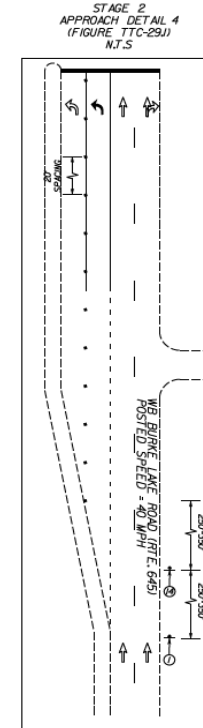
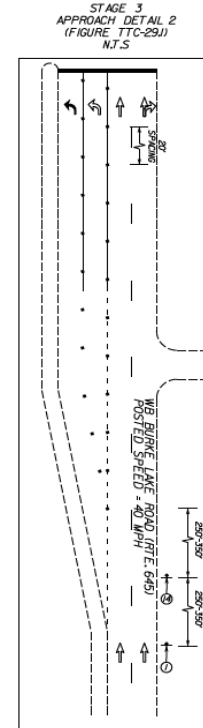


PROJECT MANAGER - SEYMOUR, A. (703) 877-5728
 SURVEYED BY DATE: POE ASSOCIATES INC. 05/15/2017
 DESIGN BY DATE: WHITMAN, REQUARDT & ASSOCIATES, LLP (703) 293-8877
 SUBSURFACE UTILITY BY DATE: GCS/MSR/INC. AUGUST 2015

TRANSPORTATION MANAGEMENT PLAN APPROACH DETAILS



- LEGEND**
- WORK ZONE AREA
 - GROUP 2 CHANNELIZING DEVICE
 - ARROW BOARD ON TRAILER
 - SIGN
 - EXISTING DIRECTION OF TRAVEL
 - TEMPORARY DIRECTION OF TRAVEL
 - WORK VEHICLE



Tyler L. Long
 2019.01.07
 12:19:07 -0500
 Whittman, Requardt & Associates
 Fairfax, Virginia
 ROADWAY ENGINEER



EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES-UTILITIES DESIGN & CONSTRUCTION DIVISION 12000 GOVERNMENT CENTER PARKWAY, SUITE 403 FAIRFAX, VA., 22035-0052			
		OFFICE OF CAPITAL FACILITIES 703-324-0000	
		LEE CHAPEL ROAD WALKWAY TRANSPORTATION MANAGEMENT PLAN APPROACH DETAILS	
		PROJECT NO: 5025-060-030	
		SCALE NTS	DESIGNED: TW CHECKED: TLL
		SHEET 1E(10)	
FUND # 300-C30005			
NO.	DESCRIPTION	BY	APPROVED DATE
1			
2			
3			
4			
5			
6			





Construction Elements

- Lane Closures
 - Temporary Lane Closure: Project proposes temporary lane closures
 - Monday to Thursday 9:00 AM to 3:30 PM
 - Friday 9:00 AM to 2:00 PM
 - Permanent Lane Closure: Project may consider permanent lane closure pending VDOT approval.
- Possible Night Work
 - Project may consider some night work pending approval.
 - Monday to Thursday 9:00 PM to 5:00 AM
 - Friday 10:00 PM to 9:00 AM



Questions?