

**Board of Supervisors**

Robert "Bob" Thomas, Jr., Chairman
Laura A. Sellers, Vice Chairman
Meg Bohmke
Jack R. Cavalier
Wendy Maurer
Paul V. Milde, III
Gary F. Snellings

Anthony J. Romanello, ICMA-CM
County Administrator

**Infrastructure Committee
AGENDA**

June 7, 2016 @ 1:00 p.m.
ABC Conference Room, Second Floor

Committee Members: Paul Milde, III, Chairman; Laura Sellers; Jack Cavalier

Agenda Item	
	Introduction ❖ Welcome
1.	2015 HB2 Project Awards
2.	Potential 2016/2017 HB2 Projects
3.	Gateway Cleanup Strategy
4.	BFF Trail Phase 6 River Alignment
5.	Brooke Road – James Hill Safety Improvements
6.	Next Meeting – July 6, 2016
	Adjourn

2015 HB2 Project Awards

- The Board selected three projects for submission for funding under the HB2 District Grant funding program developed by the state, as follows
 - Route 1 Corridor Improvements in the Courthouse Area
 - Safety Improvements along Route 1 near Woodstock Lane & Telegraph Road
 - Intersection Improvements at Route 1 and Potomac Creek Drive
- While we received word that each of these projects were successful in being selected for funding, the Commonwealth Transportation Board (CTB) hadn't officially acted, and we were uncertain when the funding would be available
- The draft funding plan for HB2 projects was presented at the May CTB meeting. The proposed funding for Stafford projects and the fiscal year we receive it is provided below.

UPC	Description	Route	District	Road System	Jurisdiction	Estimate	Previous	FY17	FY18	FY19	FY20	FY21	FY22	Balance	Report Note
						(Values in Thousands of Dollars)									
T17433	HB2 - FY17 - SAFETY IMPRV RTE 1 TELEGRAPH/WOODSTOCK	1	Fredericksburg	Primary	Stafford County	\$8,800	\$0	\$1,874	\$671	\$3,000	\$1,980	\$0	\$0	\$1,275	Additional \$1,275,000 committed by applicant.
100449	HB2 - FY17 - ROUTE 1 @ POTOMAC CREEK DR TURN LANE	1	Fredericksburg	Primary	Stafford County	\$1,800	\$0	\$0	\$331	\$340	\$621	\$507	\$0	\$0	MPO Project
103085	HB2 - FY17 - RTE 1/630 AREA CORRIDOR ROAD IMPROVEMENTS	1	Fredericksburg	Primary	Stafford County	\$13,280	\$6,352	\$2,282	\$2,646	\$2,000	\$0	\$0	\$0	\$0	

- Both the Route 1 corridor improvements in the Courthouse area and the and the Route 1 and Woodstock Lane/Telegraph Road projects received funding in FY 2017, allowing these projects to advance immediately.
- Initiation of the Potomac Creek intersection improvements will wait until the initial funding is available in FY2018.
- The proposed commuter lot expansion at Route 630 also received funding as shown below. This project was submitted by FAMPO under the Corridor of Statewide Significance program. Construction of this project will be coordinated with the Exit 140 Interchange improvements

UPC	Description	Route	District	Road System	Jurisdiction	Estimate	Previous	FY17	FY18	FY19	FY20	FY21	FY22	Balance	Report Note
						(Values in Thousands of Dollars)									
108573	HB2 - FY17 - COMMUTER LOT EXPANSION I-95 E OF EXIT 140	95	Fredericksburg	Primary	Stafford County	\$9,719	\$884	\$325	\$3,625	\$3,375	\$1,510	\$0	\$0	\$0	

- Stafford also was awarded Highway Safety Improvement funding by the CTB for an extension of a sidewalk along Courthouse Road, and bike/pedestrian improvements along Leeland Road as shown below.

UPC	Description	Route	District	Road System	Jurisdiction	Estimate	Previous	FY17	FY18	FY19	FY20	FY21	FY22	Balance	Report Note
						(Values in Thousands of Dollars)									
T17901	BIKE AND PEDESTRIAN UPGRADES ON LEELEND ROAD	626	Fredericksburg	Secondary	Stafford County	\$3,350	\$0	\$120	\$60	\$370	\$800	\$950	\$1,050	\$0	
T17897	CONSTRUCT SIDEWALK ON COURTHOUSE ROAD	630	Fredericksburg	Secondary	Stafford County	\$455	\$310	\$0	\$235	\$0	\$0	\$0	\$0	(\$90)	

- Given the funding levels and timing of the awards, the Courthouse Road sidewalk extension project can be initiated immediately after July 1, and design of the Leeland Road improvements will likely start in FY2019.
- The CTB is scheduled to consider the award of the funding for the projects listed above at the June 14 meeting.

Potential 2016/2017 HB2 Projects

- Staff has been working with VDOT and FAMPO to develop the regions HB2 project list for the upcoming cycle of funding awards. We expect the deadline for submission for this round of HB2 evaluation will be in October, for funding to be made available in the last years of the 6 year funding period. Funding levels have not been announced
- Given the level of detail necessary to complete a successful HB2 application, development of the application materials is already underway for some potential projects
- Based upon previous consultation, the Board may wish to consider submitting for the two recently deferred road improvement projects; Brooke Road safety improvements, and the Route 1 and Enon Road intersection improvements as District Grant projects
- The Brooke Road Safety Improvement Project would be a strong candidate for HB2 funding given the amount of previous funding expended by the County and the state, the level of detail developed with respect to study and design, and the shovel-ready status of the project.
- Staff estimates we require approximately \$5,700,000 to complete the project, of which half could be funded with revenue sharing.
- Similarly, the Enon Road and Route 1 project is well advanced, with significant state and local funding previously expended.
- Staff estimates approximately \$3,212,000 is required to complete this project, half of which could be funded with revenue sharing.
- Whereas the current round of HB2 funding is expected to be allocated primarily for FY2022 and FY2023, these estimates will be adjusted for inflation prior to submitting the HB2 application.
- The Board had previously authorized the study of the Butler Road widening as another HB2 candidate project. This study is currently underway, and we expect the results this summer.
- Staff suggests that Butler Road could be submitted by Stafford under the Corridor of Statewide Significance and the District Grant programs.
- FAMPO currently has a regional study underway which will identify other potential HB2 projects that could help relieve traffic congestion along the I-95 corridor in the Fredericksburg region.

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Anthony J. Romanello, ICMA-CM
County Administrator

To: Infrastructure Committee

From: Cathy Vollbrecht
Interim Director of Parks, Recreation and Community Facilities

Date: May 31, 2016

Re: Gateways Update

Stafford County implemented a Gateway cleanup program to supplement efforts of the Virginia Department of Transportation (VDOT) and the R-Board litter crew in enhancing the first impression of visitors to Stafford County. Our Gateway areas include every main highway entering Stafford County, along with the four I-95 exits. Gateway enhancement efforts include regular mowing, landscaping of cultivated areas, street sweeping and litter removal. The County is currently providing these maintenance efforts at 15 individual Gateway areas for an annual cost of \$140,000. Of this, \$100,000 is funded by the Transportation Fund, with the balance funded from the Parks, Recreation and Community Facilities operating budget.

The Board of Supervisors also approved Stafford County's Wayfinding System in November 2009 (R09-402) to increase tourism, provide a cohesive directional sign program and enhance community identity. Stafford's Wayfinding sign system welcomes motorists to our community and also encourages visitation to significant points of interest throughout the County including parks, tourism sites, wineries, marinas and golf courses. The signs reflect the County's branding with dark blue and maroon colors and a young colonial boy, representative of George Washington in his youth. Phase 1 of this program was the "Gateway" signs that were installed in 2012 at major highways leading into the County to welcome visitors to Stafford. There are 10 Gateway signs at various sites where major roads enter the County.

Phase 2 of the Wayfinding sign system consists of a unified system of "Trailblazing signs" to highlight Stafford's many visitor attractions. The signs are part of the Virginia Department of Transportation's (VDOT) Wayfinding Program and join the installed "Gateway" signs that welcome visitors to Stafford. The new signs also reflect the County's branding and are replacing the brown VA Logos signs sold by VDOT.

Phase 2A of this project consists of 39 signs and is almost complete. Phase 2B has 15 signs. Phase 2B signs have not been installed and are still under design prior to submitting to VDOT for approval. All of these signs will be maintained by Stafford's Department of Parks, Recreation and Community Facilities (PRCF), at an additional cost.



May 31, 2016

With the expected completion of the Route 17 widening project in August 2016 and the role of Route 17 as a major gateway to Stafford County, consideration should be given to how the road's landscaping will be maintained once the Virginia Department of Transportation's work is done. VDOT plans to install small trees and shrubs along the length of its project. VDOT does have a maintenance program for landscaping within the Right of Way; however, the level of care and maintenance is generally minimal similar to the level we observed at our other Gateway areas. The Board may wish to consider a supplemental maintenance program.

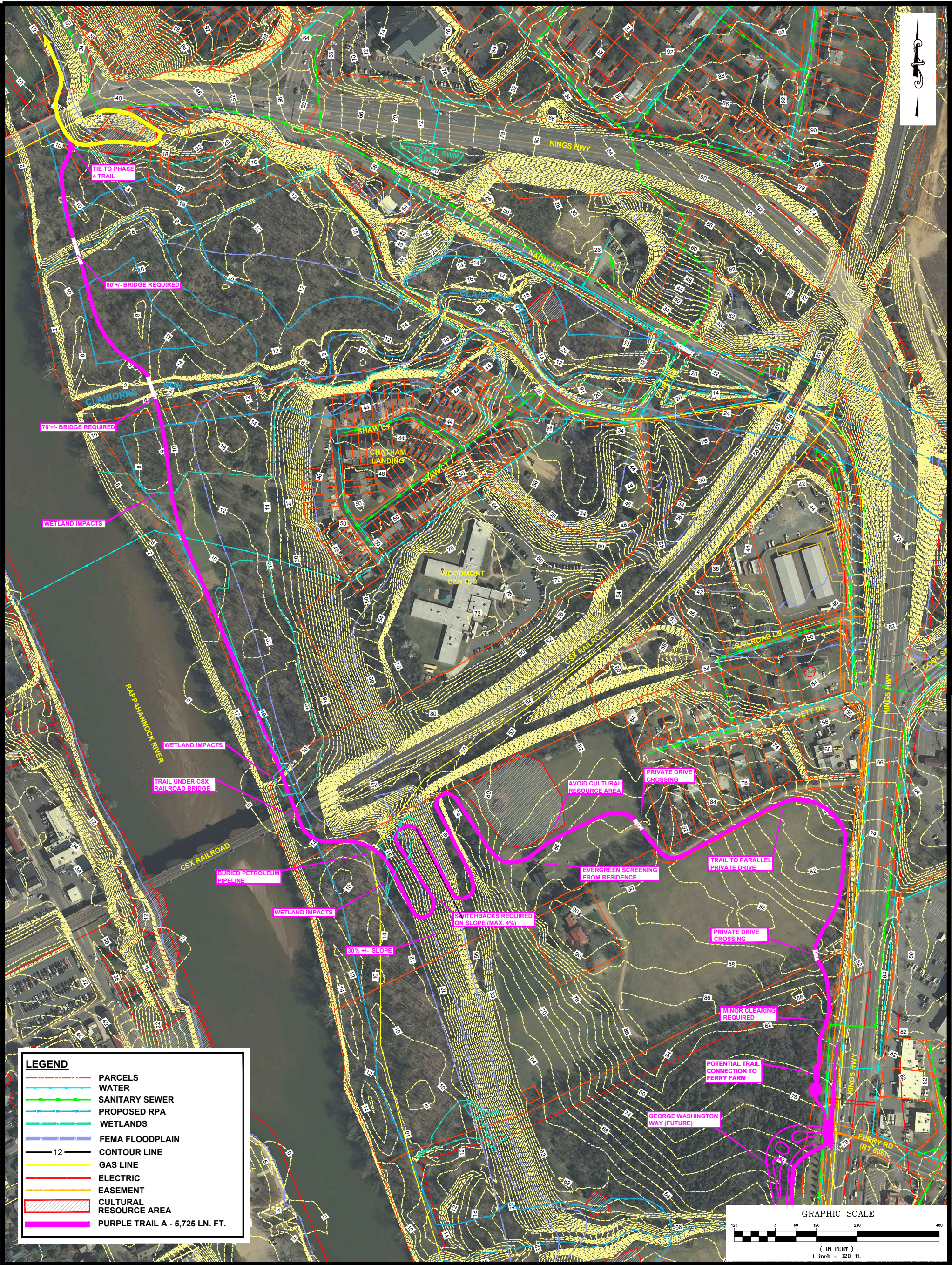
Please let me know if you have any questions.

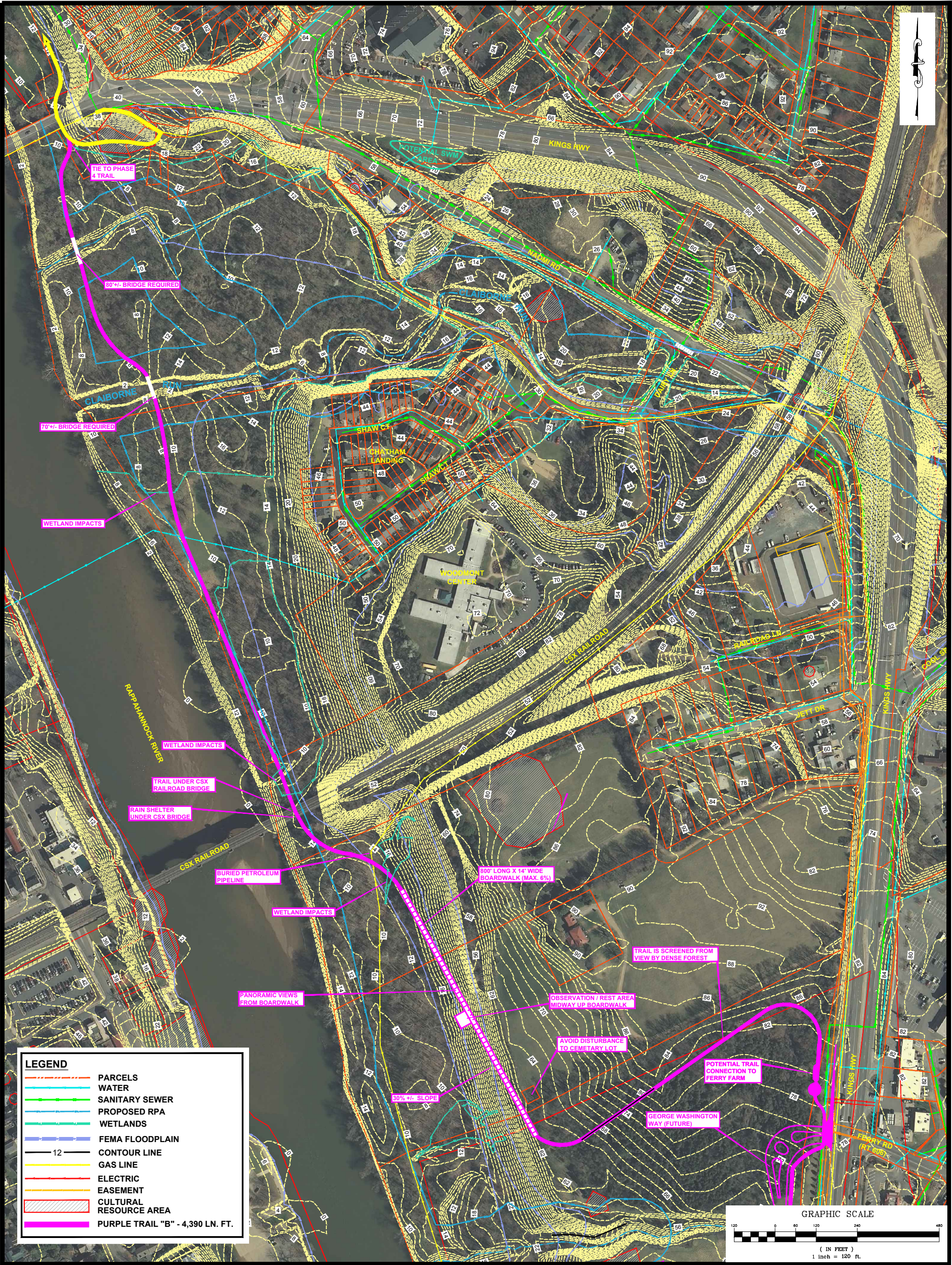


Belmont-Ferry Farm Trail Phase 6

- Staff provided the Infrastructure Committee with a briefing (attached) on the alignment alternatives for Phase 6 of the Belmont Ferry Farm Trail at the April 5th and May 3rd meetings.
- The Infrastructure Committee selected the trail along the Rappahannock River as the preferred option. Furthermore, the Committee suggested the development of an alignment that followed the river for a longer distance before connecting with the parking facilities under development by the George Washington Foundation at the Ferry Farm site.
- The initial river alignment is attached, which follows the river for just over .5 miles before passing under the CSX railroad bridge, and then leaving the river in a series of switchbacks to eventually follow a path parallel to Route 3.
- We prepared another alternative alignment (also attached) that continues approximately 800' further on a parallel track to the river, traversing the steep slope without the use of switchbacks, before turning towards Route 3 and the Ferry Farm parking area.
- This route allows the slope to be climbed with the use of a single resting area which would also be very attractive as an observation platform for scenic views of the river and the City of Fredericksburg.
- This alignment has the added advantage of shortening the trail distance by 1,300', thereby reducing the cost.
- Staff suggests investigating this option as a boardwalk as well as an asphalt trail, as the boardwalk may allow construction with fewer impacts to the environment. Staff recommends keeping three options for VDOT review. Estimated costs for the three options are as follows:

• Alignment A	\$2,553,000
• Alignment B (boardwalk)	\$2,320,000
• Alignment B (asphalt)	\$2,141,000
- Next Steps
 - Complete study and submit to VDOT for review
 - Following approval of the study, request authorization from the Board for a contract to design the preferred option.
 - Investigate sources of grant funding for the additional project cost. This includes Transportation Alternative Program, and Land and Water Conservation Fund (LWCF) Grants





BOARD OF SUPERVISORS

Agenda Item


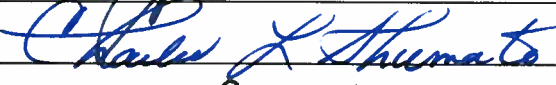

Meeting Date:	June 7, 2016
Title:	Consider Allocating Funds for the Completion of the Brooke Road Safety Improvement Project
Department:	Public Works
Staff Contact:	Keith C. Dayton, Deputy County Administrator
Board Committee/ Other BACC:	Infrastructure Committee
Staff Recommendation:	Approval
Fiscal Impact:	See Background Report
Time Sensitivity:	See Background Report

ATTACHMENTS:

1.	Background Report	3.	Map
2.	Proposed Resolution R16-187		

	Consent Agenda		Other Business		Unfinished Business
	Discussion		Presentation		Work Session
X	New Business		Public Hearing		Add-On

REVIEW:

X	County Administrator	
X	County Attorney	
X	Finance and Budget	

DISTRICT:	Aquia, George Washington
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BACKGROUND REPORT

The Board previously approved completion of the Brooke Road Safety Improvement Project (Project) to improve motorist safety along Brooke Road (SR 608) between Stagecoach Road on the south, and Bexley Lane on the north, a distance of approximately 1.8 miles. The Project is identified as a dangerous section of road by the Youth Driver Task Force, and approved by County residents for funding in the 2008 Transportation Bond Referendum.

This section of road has narrow lane widths with virtually no shoulders, and has seen a significant increase in vehicle traffic for motorists accessing the Brooke VRE Station and others seeking an alternate north-south route to avoid I-95 and U. S. Route 1 traffic congestion. As a result, this section of road has had 57 vehicle accidents since 1996 in the vicinity of James Hill alone, and remains one of the more hazardous stretches of rural road in the County.

The Board has taken steps to correct these deficiencies by approving the design of safety improvements, acquisition of right-of-way, easements necessary to improve the road, and has funded utility relocation throughout the Project limits.

Recent reductions in fuels tax revenues have caused a shortage in the funds necessary to complete construction of the Project, which was scheduled to be underway later this year. Fifty percent of the estimated \$5,700,000 cost for construction of the Project would have been funded through the use of the State's Revenue Sharing Program, with the remainder funded from the County's Transportation Fund. Lacking sufficient revenues to fund the construction contract, the adopted Capital Improvement Program (CIP) deferred completion of the Project until sufficient funds could be identified.

Funds reserved from FY2015 could be used to fully fund the County's match, and allow completion of the Project. The Revenue Sharing funds from the State are still available for use on the Project. If these funds are allocated to the Project, staff would direct the completion of the design, and seek bids for the work later this year to take advantage of a favorable wintertime bidding climate, with construction commencing in 2017. The Board would then consider authorizing the contract for construction of the Project, and budgeting and appropriating the funds at that time.

Staff recommends approval of proposed Resolution R16-187, which authorizes the allocation of \$2,850,000 in reserved funds towards the completion of the Brooke Road Safety Improvement Project.

PROPOSED
BOARD OF SUPERVISORS
COUNTY OF STAFFORD
STAFFORD, VIRGINIA

RESOLUTION

At a regular meeting of the Stafford County Board of Supervisors (the Board) held in the Board Chambers, George L. Gordon, Jr., Government Center, Stafford, Virginia, on the 7th day of June, 2016:

MEMBERS:

Robert “Bob” Thomas, Jr., Chairman
Laura A. Sellers, Vice Chairman
Meg Bohmke
Jack R. Cavalier
Wendy E. Maurer
Paul V. Milde, III
Gary F. Snellings

VOTE:

On motion of , seconded by , which carried by a vote of , the following was adopted:

A RESOLUTION ALLOCATING UNSPENT FUNDS FROM FY2015
TOWARDS THE COMPLETION OF THE BROOKE ROAD SAFETY
IMPROVEMENT PROJECT, WITHIN THE AQUIA ELECTION
DISTRICT

WHEREAS, the section of Brooke Road (SR 608) between Stagecoach Road and Bexley Lane was identified as unsafe by the County’s Youth Driver Task Force, and was approved for funding by the citizens of Stafford County in the 2008 Transportation Bond Referendum; and

WHEREAS, the Board identified the completion of road safety improvements on approximately 1.8 miles of Brooke Road between Stagecoach Road and Bexley Lane (Project), as a critical part of the County’s road improvement plan; and

WHEREAS, the Board authorized funds for the design of the Project, and has acquired the right-of-way and easements necessary to complete the Project; and

WHEREAS, fuels tax revenues have declined such that the previously identified source of funding is no longer sufficient for construction of the Project; and

WHEREAS, the Board desires to allocate funds to complete the safety improvements associated with the Project;

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the 7th day of June, 2016, that reserved funds in the amount of Two Million Eight Hundred Fifty Thousand Dollars (\$2,850,000) be and they hereby are allocated for the completion of the Brooke Road Safety Improvement Project.

AJR:KCD:kd

R16-187
Brooke Road Safety Improvements

