

Board of Supervisors

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

Anthony J. Romanello, ICMA-CM
County Administrator

Infrastructure Committee AGENDA

June 2, 2015 @ 1:30 p.m.
ABC Conference Room, Second Floor

Agenda Item	
	Introduction ❖ Welcome
1.	Pump and Haul Program Changes
2.	Crow's Nest Road Construction
3.	Enon Road Improvements
4.	Carl Lewis Building
5.	Stormwater Management Facility Retrofits
6.	Municipal Separate Storm Sewer System (MS4) Permit Update
7.	Next Meeting – July 7, 2015
	Adjourn

1 Pump and Haul Program

Follow-up to May 5, 2015 Public Hearing

In February 2013, the Board asked the Infrastructure Committee consider changes to the County's Pump and Haul policy. Over the last two years, the Infrastructure Committee and the Utilities Commission have worked on this issue and provided a proposed policy to the Board.

The Board held a public hearing on May 5, 2015 to consider the public testimony on the draft policy. Seven citizens spoke at the public hearing and expressed concerns over the cost of the unsubsidized monthly hauling fees and the cost to install an alternative system. They stated that they can't afford either. They asked if the County could finance the alternative systems for twenty years, or if there were grants available.

The Board discussed the residents concern and came up with requests for more information:

1. Can we do the hauling service in house and would it save us money?

- a. Estimated costs for hauling would include:
 - i. Vehicle - \$245,000 replaced every 7 years= \$35,000
 - ii. Maintenance and Fuel (\$7,000 + \$12,000) = \$19,000
 - iii. Personnel – (w/benefits and OT) = \$50,000

Annual Estimated Cost = \$104,000

The County currently budgets just under \$100,000/year for pump and haul services. Switching to an in-house service would not save the County money; therefore, it is not recommended at this time.

- b. Currently our staff works in Utilities Easements or VDOT Right of Way – these septic tanks are on private property and may be added liability.

2. Is there funding available to assist homeowners, or can the Utilities Department provide grants or loans for an alternative system?

- a. The Department of Environmental Quality (DEQ) provides a grant as a part of the nonpoint source pollution management program. The program targets areas that drain to waterways that are listed as impaired for TMDL.

- i. Currently the Deep Run Watershed is included as impaired and is eligible for grants. We have nine properties included in this watershed. (map attached)
 - ii. If an alternative system is available for these sites, they could apply for assistance from DEQ. The grant will pay up to 75% for the system with a maximum payout of \$15,000. (This is based on median income; therefore, most of our customers would only be eligible for 50% or \$10,000)
- b. The Department of Utilities could provide loans to our customers. There are still issues which would need to be worked out with our bond covenants; however, our Chief Financial Officer believes we can work it out. We have examples from other jurisdictions that have taken this route and can build off of their template.
- c. Installation of an alternative system may increase the home's value; therefore, the homeowner may be able to obtain a home equity loan or similar instrument with the increased value of the property.

3. *How many of the current customers are not owner-occupied?*

- a. There are currently six properties that may be rental properties (owner has a tax mailing address that is different from the property address).

Options to amend the Pump and Haul Policy to address citizen concerns:

During the May 5, 2015 Board meeting, several members of the Board mentioned that the proposed changes recommended by the Infrastructure Committee and Utilities Commission improved the policy. The Board may support moving forward with many aspects of the proposed changes.

As included in the proposed policy, the Department of Utilities could move forward with the analysis of each property to determine if they are still in compliance with the policy for subsidized pump and haul (e.g. are actually occupying the home and not renting). The Utilities Department could also complete the drainfield evaluation to determine if there is an alternative available to pump and haul.

If the use of the property does not meet the criteria (e.g. it is a rental property), we could proceed to notify the owners that they will be removed from the subsidized pump and

haul list and they can continue as a non-subsidized pump and haul location. If the current customers meet the criteria and there is no alternative, they would remain as Grandfathered customers.

Two other areas of citizen concern as noted during the public hearing were the time limit on the Grandfathered customers as well as the short time frame and cost to install an alternative system if the Utilities funded study determines an alternative system would work. Listed below are a few suggested alternatives to amend the proposed policy to address the citizen concern while maintaining the Infrastructure Committee and Utilities Commission suggested changes.

Grandfathered Customer Rates:

1. Remove the five year time limit for Grandfathered customers, allowing current pump and haul program customers to continue in the program indefinitely. This would eliminate the drastic increase in cost for services to those customers. It would not be a permanent guarantee for services as a future Board could eliminate this category at any time.
2. Extend the Grandfathered period to longer than five years to allow more time to prepare for the increased cost.
3. The Board may want to consider an increase in the subsidized Pump and Haul rate, bringing the payment amounts closer to the cost of providing the service. Some of the public speakers mentioned they would be willing to pay more for the pump and haul service, but they couldn't afford the complete cost. This would require a change to the ordinance and another public hearing. If the Board wishes to amend the rate, they could wait until next year in conjunction with the broader consideration of user fees.

Adjusting the rates higher may provide an opportunity for existing customers to continue on in the program while reducing the expense to our other rate payers who are subsidizing this program.

Alternative Systems

1. The Board could remove the section calling for an evaluation of the drainfield system to determine if an alternative system will operate properly in lieu of the pump and haul program. The Utilities department feels that advances in onsite sewage treatment systems make it likely that some of our current customers may

be able to get off the program. Whereas this benefits both Utilities and our customers, the alternative system installation is a win-win. The County has one less Pump and Haul customer, and the citizen has a home that should be easier to market with a higher value.

2. A second option is to conduct the analysis and increase the time provided for removal from list (1 to 5 years).
3. Conduct analysis and provide financial assistance either in-house or through the State. Only remove customers from the pump and haul list once the system is installed (no time limit).
4. Raise rates for customers only when the analysis determines that an alternative system is feasible, but the customer does not wish/cannot afford to install at this time.

We believe that the combination of options 3& 4 would encourage homeowners to choose to proceed with installing an alternative system.

BOARD OF SUPERVISORS

Agenda Item

Meeting Date:	June 2, 2015
Title:	Authorize the County Administrator to Submit an Application for a Recreational Access Grant for Crow's Nest Preserve
Department:	Public Works
Staff Contact:	Christopher K. Rapp, P.E. - Director
Board Committee/ Other BACC:	N/A
Staff Recommendation:	Approval
Budget Impact:	N/A
Time Sensitivity:	N/A

ATTACHMENTS:

1.	Background Report	3.	Letter dtd. May 18, 2015
2.	Map	4.	Proposed Resolution R15-180

<input checked="" type="checkbox"/>	Consent Agenda	<input type="checkbox"/>	Other Business	<input type="checkbox"/>	Unfinished Business
<input type="checkbox"/>	Discussion	<input type="checkbox"/>	Presentation	<input type="checkbox"/>	Work Session
<input type="checkbox"/>	New Business	<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Add-On

REVIEW:

<input checked="" type="checkbox"/>	County Administrator	
<input checked="" type="checkbox"/>	County Attorney	
<input checked="" type="checkbox"/>	Finance and Budget	

DISTRICT:	Aquia
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BACKGROUND REPORT

The Crow's Nest Natural Area (Preserve) was created on nearly 3,000 acres of undeveloped land originally intended as part of a large residential neighborhood. Both the County and the Commonwealth have invested significant financial resources to protect this natural resource from development. Phase 1 of the Preserve (1,770 acres) was purchased jointly by the Department of Conservation and Recreation (DCR) and Stafford County in April 2008. The State purchased Phase 2 (1,100 acres) in July 2009. The Preserve is Virginia's 54th state natural area preserve. The County and State are maintaining the Preserve jointly and plan to develop the area into a public recreation facility, pending the availability of funding and access.

The large area of the Preserve, plus its location near a major population center, represents great potential for providing passive recreation and outdoor education opportunities for residents of the County, as well as a much broader area. Public access to the Preserve is hampered by the poor condition of the existing 1.5-mile road which runs between the Preserve's entrance at Raven Road (S.R. 609) to the parking area developed to the east. The entrance road currently consists of a single lane dirt road that is virtually impassable during wet weather. Furthermore, inadequate road ditches and drainage features result in the need for expensive maintenance and repairs following significant rainfall events.

DCR requested that the Virginia Department of Transportation (VDOT) review the road conditions and provide a recommendation for the work necessary to provide an all-weather access road to the parking area. The improved road would have to meet the restrictions in place for development on the Preserve; specifically, the road must use gravel for the surface treatment, maintain a single lane, minimize disturbance, and avoid removing any large trees.

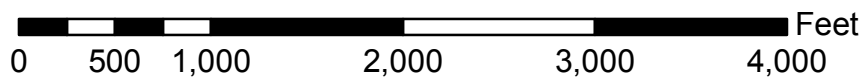
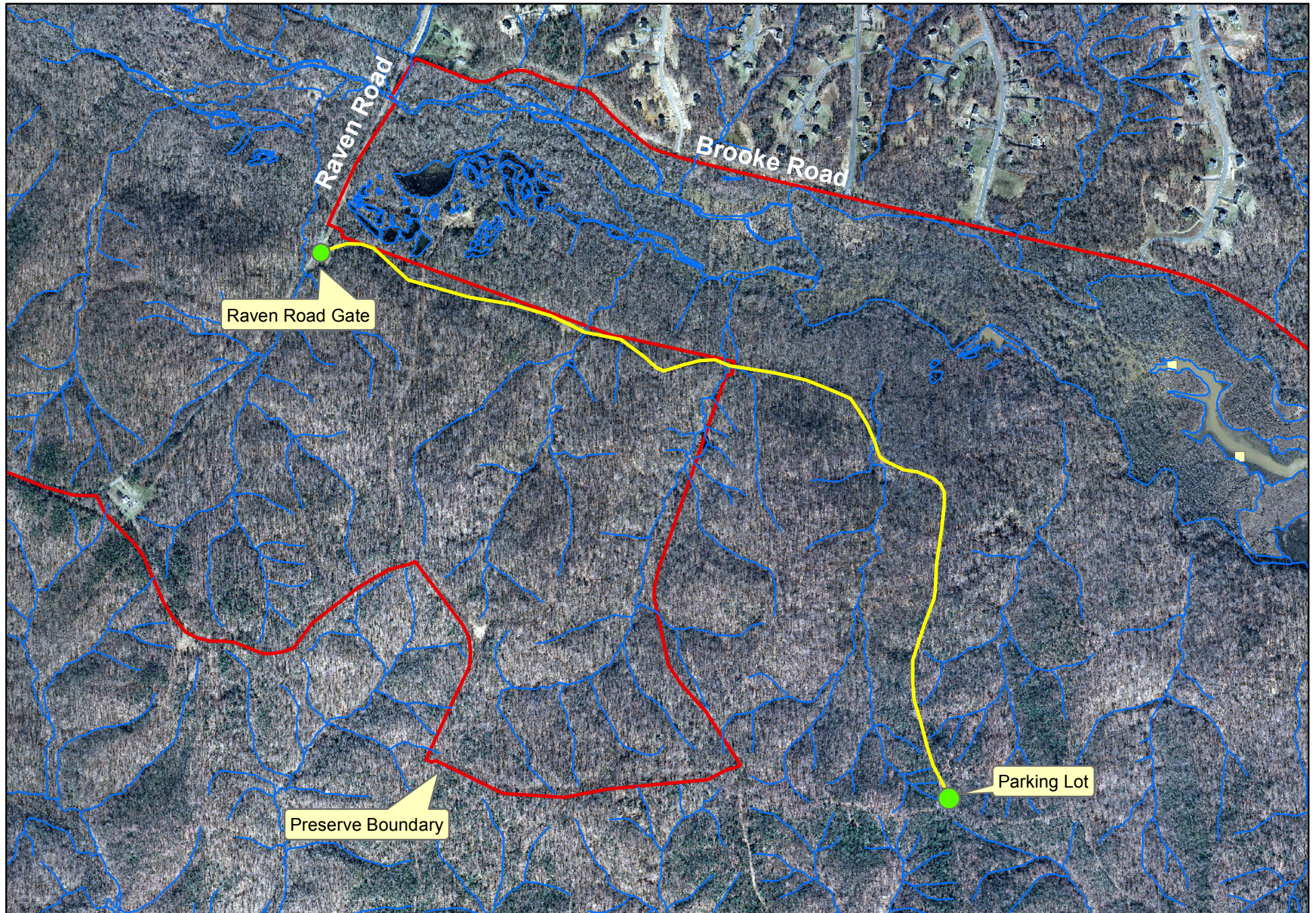
VDOT identified a standard for *Very Low Volume Local Roads* that would be applied to this project. Construction using this standard involves placing a gravel base and surface to create an all-weather road surface. Other improvements would include improvements to road ditches and drainage systems at stream crossings. Pull outs will be provided at intervals of approximately 1,000 feet to allow opposing traffic to pass.

VDOT estimated that the cost for improving the road in this manner to be under \$400,000. VDOT also identified the Recreational Access Grant Program (Program) as a possible funding source for this project. Funds from this Program are administered by VDOT and distributed by the Commonwealth Transportation Board (CTB) for use in establishing proper access to (or within) publicly-owned and/or operated recreational areas or historical sites. The Program requires that a locality apply for these funds.

Staff recommends applying for funds from the Program to improve access to the Preserve. The application process does not obligate the County to the expenditure of any funds. If the application process is successful, staff will return to the Board at a future date to request authorization to accept Grant-related funds.

If the Board desires to authorize applying for funds from the Program, VDOT has requested receipt of the authorizing resolution by June 5, 2015, to allow the CTB to consider the matter at its July 15, 2015 meeting. Clyde E. Cristman, Director of DCR, in a letter dated May 18, 2015 (Attachment 3), has previously approved improvements to this road.

Staff recommends approval of proposed Resolution R15-180, which authorizes the County Administrator to apply for funds from the Recreational Access Grant Program.



Molly Joseph Ward
Secretary of Natural Resources

Clyde E. Cristman
Director



Joe Elton
Deputy Director of Operations

Rochelle Altholz
Deputy Director of Administration
and Finance

COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

600 East Main Street, 24th Floor
Richmond, Virginia 23219
(804)786-6124

May 18, 2015

Mr. Sean Nelson
Residency Administrator
Virginia Department of Transportation
86 Deacon Road
Fredericksburg, VA 22450

Dear Mr. Nelson:

I want to express the appreciation and strong support for the Virginia Department of Transportation, Stafford County, and DCR's cooperative efforts to improve the access road at Crow's Nest Natural Area Preserve. As planned the project will be limited to the existing gravel road within the 30 foot ingress/egress easement as described in the Boundary Survey Parcel B, A Portion of Partnership, Land Record #960005949, Aquia Magisterial District.

As called for on pages six and seven of the 19 July 2009 Crow's Nest Natural Area Preserve Deed of Dedication, and with the concurrence of the DCR Natural Heritage Director, I am writing to approve and certify that the proposed road improvements are consistent with the preservation values and preserve management purposes of the Natural Area Preserve. The proposed improvements do not threatened any natural heritage resources, nor do they violate the purposes of the Deed of Dedication, and they are in compliance with the planned public access for the preserve as described in the Preserve Management Plan.

While this project is restricted to the improvement of the existing gravel road, and not construction of a new road, the Deed does specify the U.S. Army Corps of Engineers consent to placement of a road in the Buffer Area as shown on the Boundary Survey Parcel B, A Portion of Partnership, Land Record #960005949, Aquia Magisterial District.

Sincerely,

A handwritten signature in blue ink, which appears to read "Clyde E. Cristman", is written over a horizontal line.

Clyde E. Cristman

Cc: Anthony Romanello

*State Parks • Soil and Water Conservation • Outdoor Recreation Planning
Natural Heritage • Dam Safety and Floodplain Management • Land Conservation*

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 2nd day of June, 2015:

MEMBERS:

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

VOTE:

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

A RESOLUTION AUTHORIZING THE COUNTY ADMINISTRATOR
TO REQUEST FUNDING FROM THE RECREATIONAL ACCESS
GRANT PROGRAM

WHEREAS, the Crow's Nest Natural Area Preserve (Preserve) is owned jointly, and will be developed by Stafford County and the Virginia Department of Conservation and Recreation (DCR), as a public recreational facility serving the residents of Stafford County, Virginia, and elsewhere; and

WHEREAS, the existing 1.5-mile internal access road to the Preserve does not provide adequate access, and it is deemed necessary that improvements be made to the Preserve access road; and

WHEREAS, the procedure governing the allocation of recreational access funds as set forth in Virginia Code § 33.2-1510, requires joint action by the Director of DCR (Director) and the Commonwealth Transportation Board (CTB); and

WHEREAS, a statement of policy agreed upon between the Director and the CTB approves the use of such funds for the construction of access roads to publicly-owned recreational or historical areas; and

WHEREAS, the Board has duly adopted a zoning ordinance pursuant to Virginia Code §§ 15.2-2280 *et seq*; and

WHEREAS, all legal requirements have been met to permit the Director to designate the Preserve as a public recreational facility and further permit the CTB to provide funds for access to this public recreation area in accordance with Virginia Code § 33.2-1510; and

WHEREAS, the Board agrees, in keeping with the intent of Virginia Code § 33.2-405, to reasonably protect the aesthetic or cultural value of the Crow's Nest Natural Area Preserve access road, leading to or within areas of historical, natural or recreational significance; and

WHEREAS, Stafford County acknowledges that no land disturbance activities may occur within the limits of the proposed access project without the permission of the Virginia Department of Transportation (VDOT) as a condition of the use of the Recreational Access Fund Grant; and

WHEREAS, Stafford County hereby guarantees that the necessary environmental analysis, mitigation, and fee-simple right-of-way for this improvement, and utility relocations or adjustments, if necessary, will be provided at no cost to VDOT; and

WHEREAS, the Board desires to apply for grant funding up to \$400,000 through the Recreational Access Grant Program; and

WHEREAS, the Board believes securing the grant funds, and completion of the related improvements will promote the health, safety, and welfare of the County, its citizens, and others as well;

NOW, THEREFORE BE IT RESOLVED, by the Stafford County Board of Supervisors on this the 2nd day of June, 2015, that it be and hereby does request the Director of the Virginia Department of Conservation and Recreation to designate the Crow's Nest Natural Area Preserve as a public recreational area and to recommend to the Commonwealth Transportation Board that Recreational Access Grant funds be allocated for necessary improvements to the Crow's Nest Natural Area Preserve access road to provide an adequate access road to serve the Crow's Nest Natural Area Preserve; and

BE IT FURTHER RESOLVED, that the Commonwealth Transportation Board is hereby requested to allocate the necessary Recreational Access Grant funds to provide a suitable access road to the Crow's Nest Natural Area Preserve; and

BE IT STILL FURTHER RESOLVED, that the County Administrator is authorized to execute any and all documents necessary to apply for funding through the State Recreational Access Grant Program up to, but not exceeding, Four Hundred Thousand Dollars (\$400,000).

AJR:KD

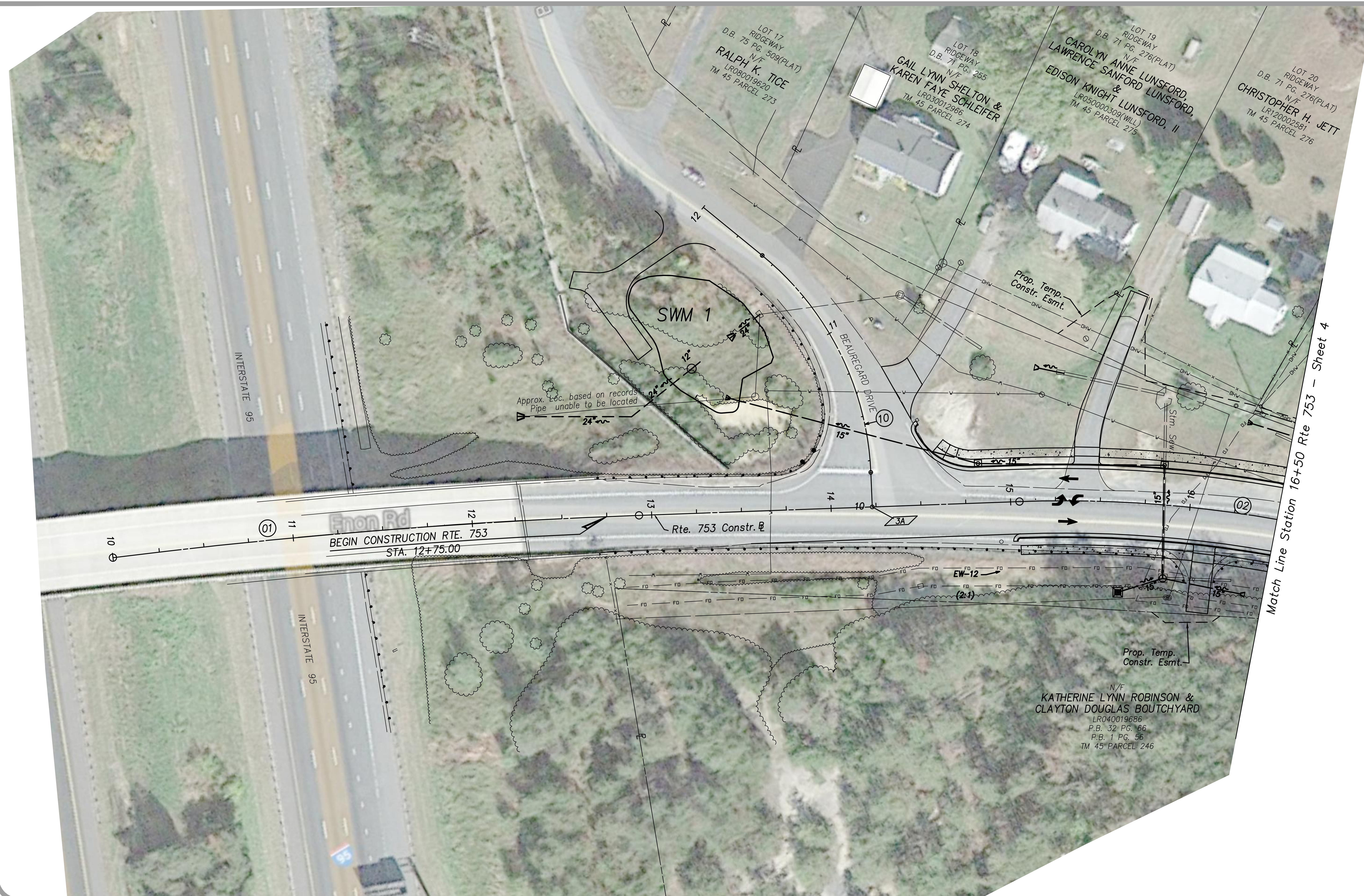
Enon Road Widening Project

- Project will widen Enon Road from the intersection with Route 1 to the bridge over I-95, just past the intersection with Beauregard Drive for a total project length of approximately 0.6 miles.
- The improvements include a lengthened dedicated left turn lane onto Stafford Indians Lane to improve the AM peak traffic movement into Stafford High School, and a right turn lane on eastbound Enon Road into the school.
- We are working with SCPS and VDOT to ensure two left turn lanes onto Stafford Indians Lane during peak traffic periods in the morning. This will be managed by traffic control volunteers.
- The project will also provide a two-way left-turn lane (TWLTL) along the center of Enon Road to provide a refuge space for residents accessing their driveways. TWLTLs have shown to reduce rear-end collisions by approximately 70 to 85 percent in rural areas.
- The existing intersection with Route 1 (Jefferson Davis Highway) will also be improved. Route 1 will be modified to provide two left turn lanes onto Enon Road, Enon Road will be widened at the intersection to provide two receiving lanes for traffic turning left from Route 1. Eastbound Enon Road will have a dedicated left turn lane, a combination left+through lane, and a dedicated right turn lane for traffic accessing Route 1.
- The existing intersection with Porter Lane will be improved to provide a 90-degree connection and increase the sight distance.
- Travel lanes will be widened to 12-feet and include 6-inch curb and gutter and storm sewer system to control roadway drainage.
- 5-foot concrete sidewalks are currently shown along both sides of Enon Road to facilitate pedestrian movements to the school and Chichester Park.
- The design speed will be 40 mph to match the existing posted speed limit.
- Four storm water management basins will be necessary to treat roadway drainage. One of these basins will result in the total acquisition of a residential property and relocation of the residents.
- Public Hearing level plans are scheduled to be submitted to VDOT in mid-June with the actual Public Hearing anticipated to be held in late-August.
- The most recent project cost estimate is \$4.3 million for increased Right of Way acquisition costs, and increased construction costs for the storm water basins. The current project budget of \$3.6 million is funded through fuels tax revenue, revenue sharing and impact fees. As we are currently in the early stages of project design, subsequent cost estimates may be lower. If efforts to reduce the project budget are unsuccessful, the project scope could be reduced, or additional funding applied to the project from a combination of revenue sharing and delaying other transportation projects.

VDOT Project: Enon Road (Route 627)

May 27, 2015

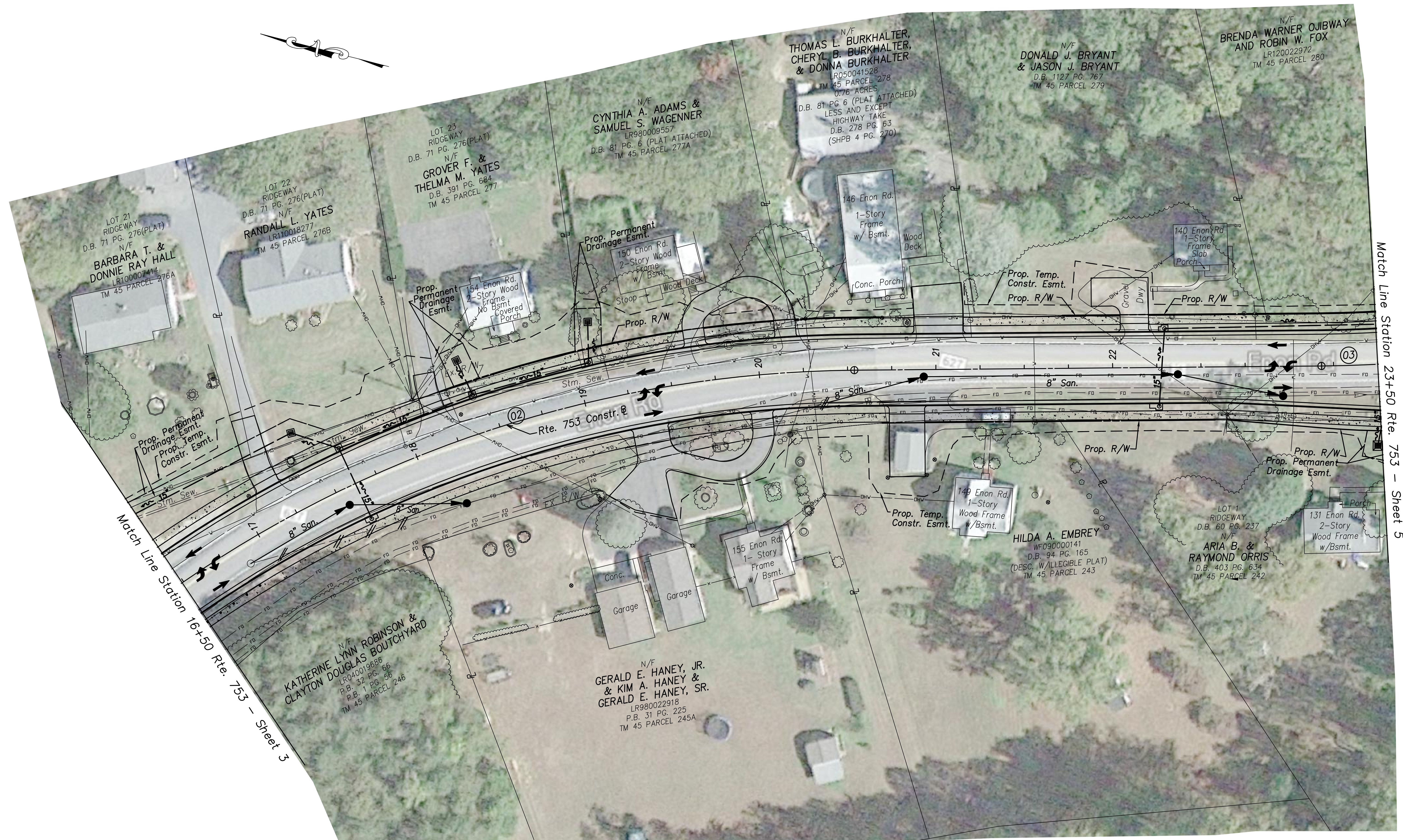
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VDOT Project: Enon Road (Route 627)

May 27, 2015

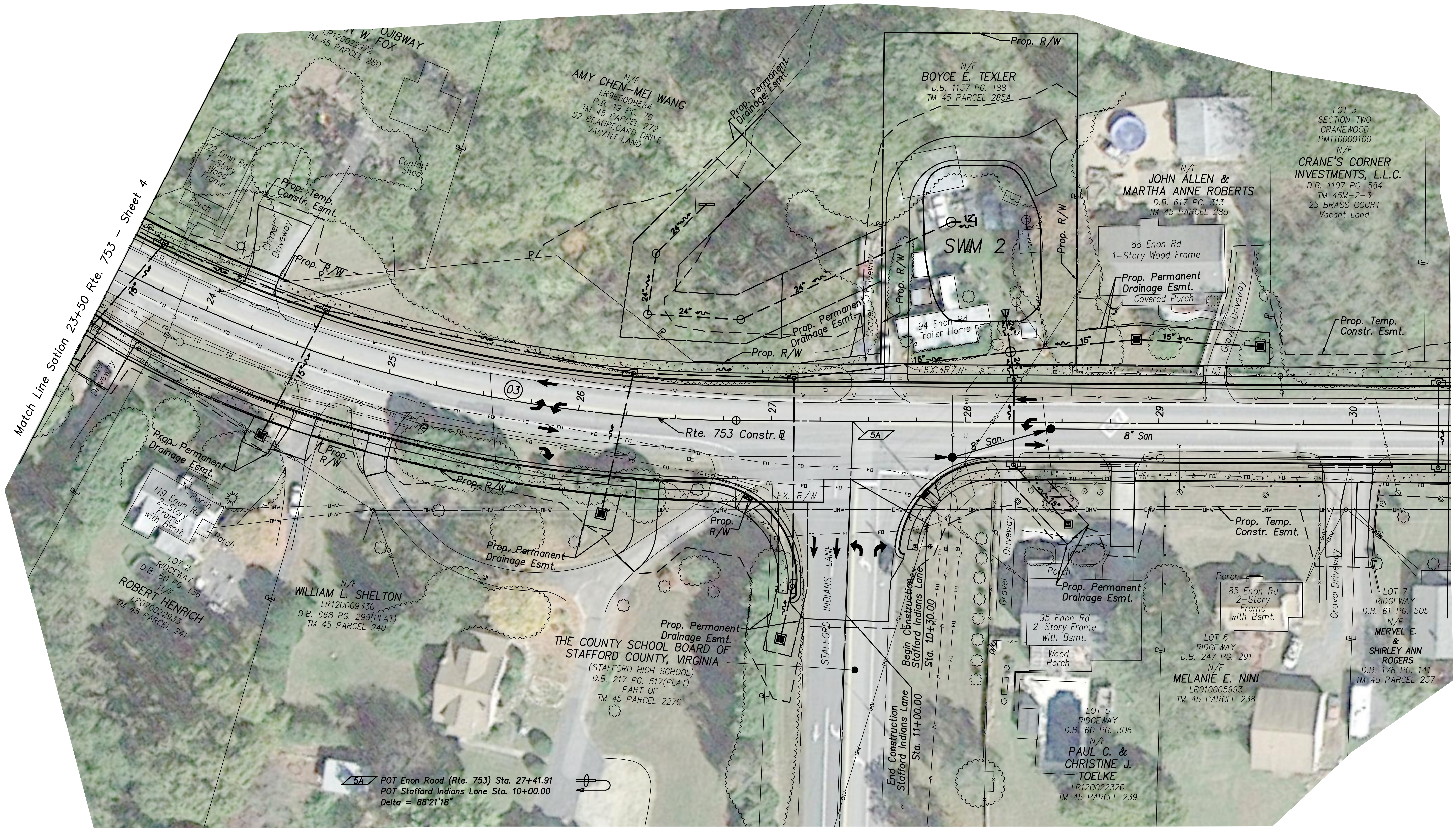
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VDOT Project: Enon Road (Route 627)

May 27, 2015

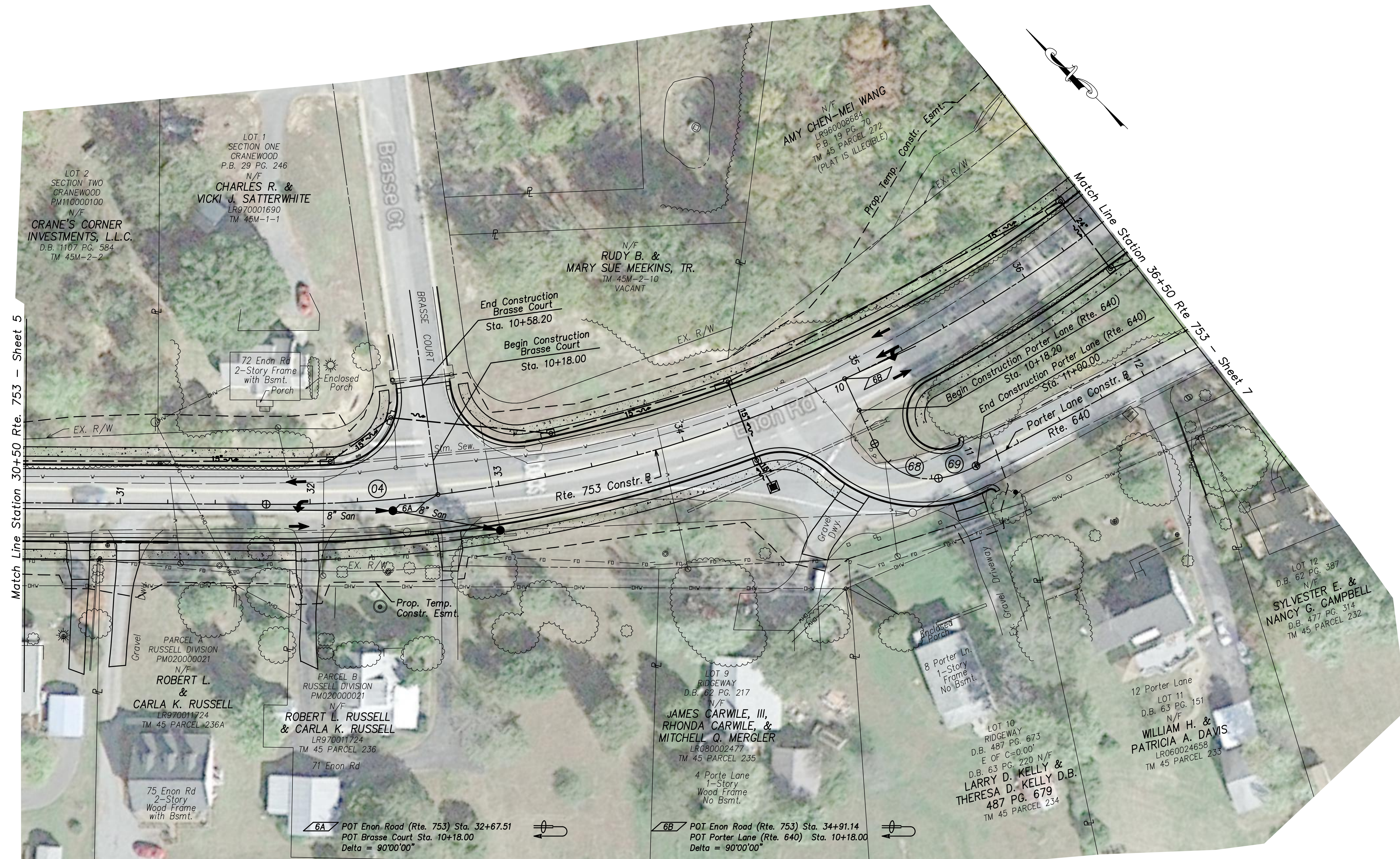
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VDOT Project: Enon Road (Route 627)

May 27, 2015

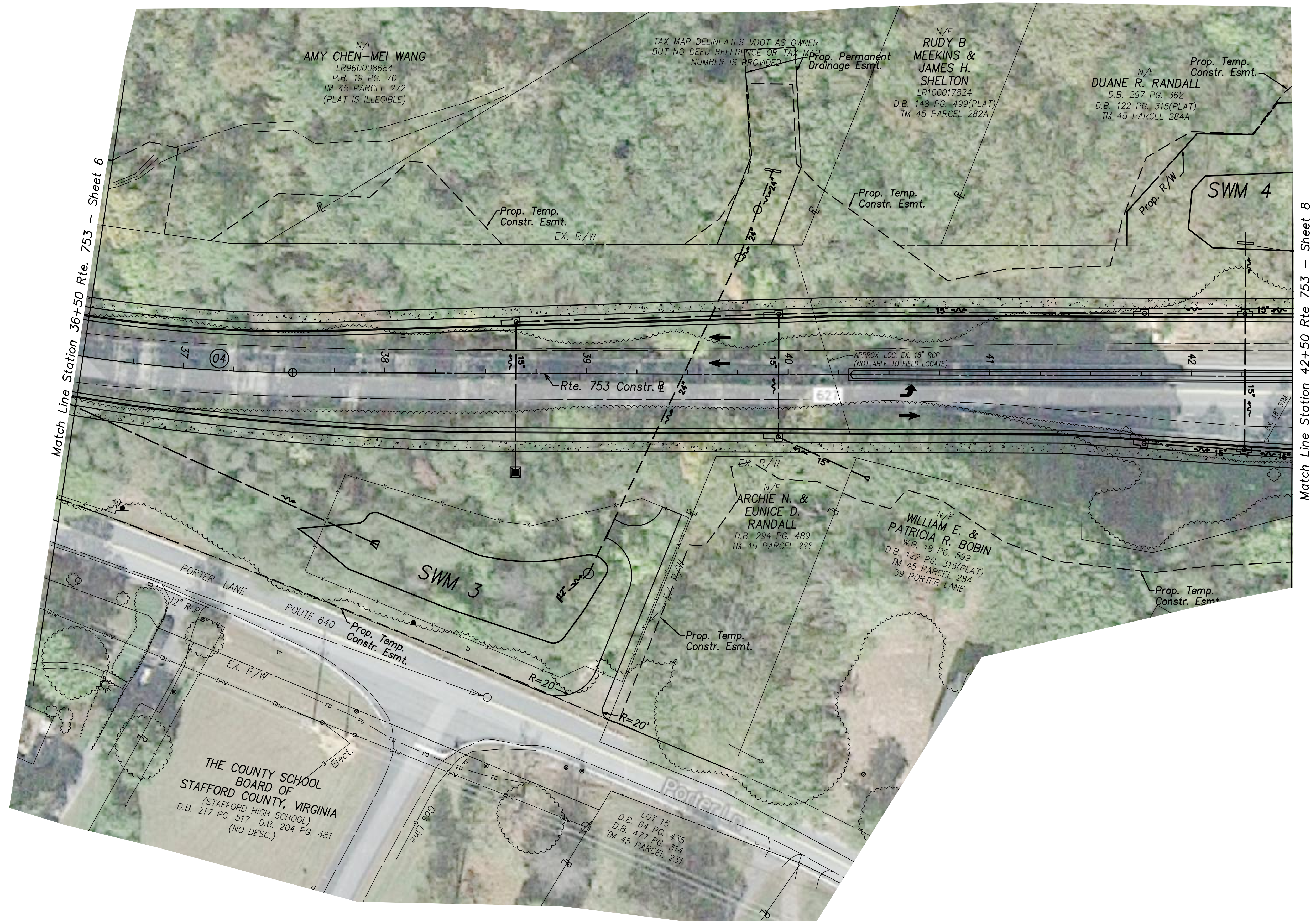
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VDOT Project: Enon Road (Route 627)

May 27, 2015

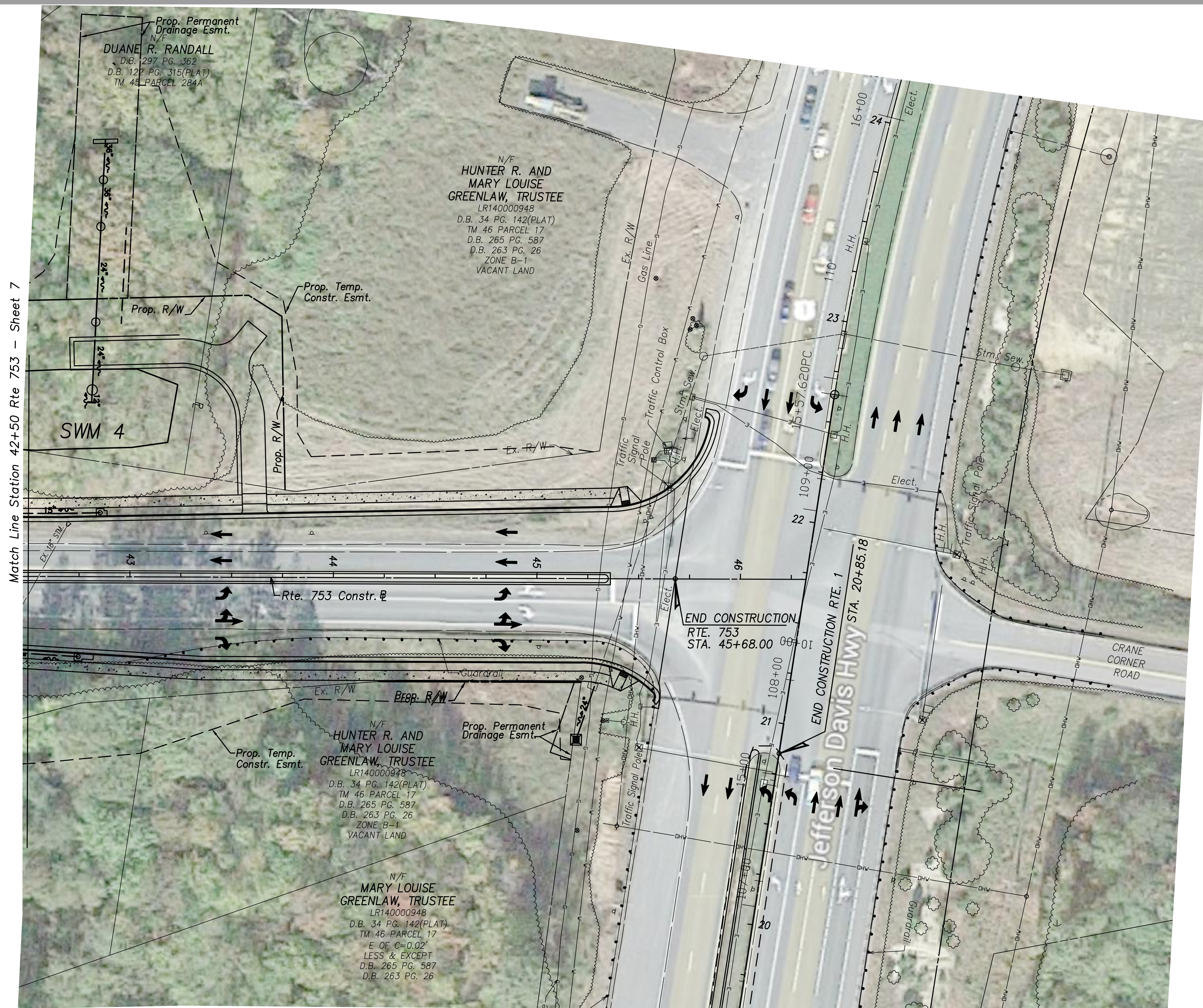
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VDOT Project: Enon Road (Route 627)

May 27, 2015

Scale:



4 Carl Lewis Community Center

On March 24, 2015, PRCF staff received a report that a sink hole had formed in the floor at Carl Lewis. PRCF Maintenance staff responded to investigate. Upon arrival, staff observed a 10' wide by 1' deep sunken area in the floor. Further inspection of the crawl space, beneath the floor revealed the 2x12 joists and sub flooring are rotten and covered in mold. It was determined that the floor joist have rotted completely through causing the floor to drop.

The Department of Code Compliance inspected the building and declared the structure unsafe for human occupancy The Inspectors findings are below:

- The 3-ply girder beam is broken in two places
- Numerous joists are decayed, rotted, and split in several places.
- There is no vapor barrier installed where the decaying is taking place, adding to the problem.
- Inspectors posted an "Unsafe for Human Occupancy" sign.

The total structure with restrooms and kitchen is 2,592 square feet. Rebuilding the entire structure may require the county to build a commercial kitchen, comply with current ADA standards and include environmental features such as storm water ponds and parking lot improvements. This could increase the cost to \$175-\$275 a square foot (\$453,600-\$712,800). Carl Lewis is booked approximately 1600 hours annually by the Boy Scouts, and others. The Boy Scouts are under a long term use agreement (updated in 2007) and use the space at no cost, while other users produced a total of \$17,645 in revenue in calendar year 2014.

Staff contacted Centennial to provide a quote for repairs only; to repair the floor, beams, improve drainage and paint the hall. Centennial can accomplish these repairs within 60 calendar days from notice to proceed for \$69,261. Staff is now working to move out immediately on facilitating repairs.



BOARD OF SUPERVISORS

Agenda Item

Meeting Date:	June 2, 2015
Title:	Authorize the County Administrator to Execute Contracts for Construction of Stormwater Management Facility Retrofits; Sign a Stormwater Local Assistance Fund (SLAF) Grant Agreement; and Budget and Appropriate Grant Proceeds
Department:	Public Works
Staff Contact:	Christopher K. Rapp, P.E. - Director
Board Committee/ Other BACC:	N/A
Staff Recommendation:	Approval
Budget Impact:	See Background Report
Time Sensitivity:	See Background Report

ATTACHMENTS:

1.	Background Report	2.	Proposed Resolution R15-214
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X	Consent Agenda		Other Business		Unfinished Business
	Discussion		Presentation		Work Session
	New Business		Public Hearing		Add-On

REVIEW:

X	County Administrator	
X	County Attorney	
X	Finance and Budget	

DISTRICT:	Garrisonville
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BACKGROUND REPORT

Stafford County is subject to the requirements of the Federal Clean Water Act Municipal Separate Storm Sewer System (MS4) Stormwater Discharge Permit Program. The County's current MS4 permit requires projects involving existing stormwater facilities to reduce pollution in the Chesapeake Bay and its tributaries. The County bears the cost for the completion of these State-mandated improvement projects.

To reduce non-point source pollution from stormwater runoff, the Virginia General Assembly established the Stormwater Local Assistance Fund (SLAF). The purpose of the SLAF is to provide matching grants to local governments for the planning, design, and implementation of stormwater best management practices (BMPs) that address cost-efficiency and commitments related to reducing water quality pollutant loads. On October 15, 2013, the Board authorized the County Administrator to submit a grant application to retrofit stormwater management facilities identified in the previously developed Watershed Management Plan for Whitsons Run. The County received notification from the Virginia Department of Environmental Quality (DEQ) on December 20, 2013, that it received approval of the grant application with the SLAF providing a maximum 50% of the funding for design and construction.

After receiving notification of the grant award, the County began design on the project in May 2014, and obtained plan approval in February 2015. The design results in enhancements to two existing stormwater management facilities in the Liberty Place and Park Ridge subdivisions (Projects). The enhancements provide water quality treatment for the areas draining to the stormwater facilities.

Staff solicited public bids for this work, receiving the initial bids on March 30, 2015. After review of the responses, all of the bids exceeded the project budget. Staff revised the bid documents by splitting each stormwater management facility into a separate bid to allow a greater number of contractors to participate.

Upon completion of the redesign, bids for construction of the two facilities were issued individually on April 20, 2015, and opened on May 14, 2015, with results as follows:

Bid # 514152 - DP257 Liberty Place

Sitework Complete, Inc.	\$ 99,684
DeBorn Construction, Inc.	\$174,155
Environmental Quality Resources, LLC	\$501,894

Bid # 514153 - DP339 Park Ridge

Sitework Complete, Inc.	\$ 99,893
DeBorn Construction, Inc.	\$148,938
Environmental Quality Resources, LLC	\$346,377

The efforts to restructure the work to allow more participation in the bidding process resulted in a reduction in bid prices of approximately \$200,000.

Funding for the Projects is available in the Public Works, Capital Improvements Program budget for FY2015. Upon Board authorization of construction services, staff will execute a contract for the construction of the Projects. Once the contracts have been executed, staff will work with DEQ to finalize the Projects' agreement for the grant and present it to the County Administrator for execution.

Staff recommends approval of proposed Resolution R15-214 which authorizes the County Administrator to execute two contracts with Sitework Complete, Inc., for the construction of stormwater management facility retrofits in the amounts of \$99,684 (Bid #514152) and \$99,893 (Bid #514153); sign a Stormwater Local Assistance Fund (SLAF) Grant Agreement; and budget and appropriate Grant proceeds.

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 2nd day of June, 2015:

MEMBERS:

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

VOTE:

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

A RESOLUTION AUTHORIZING THE COUNTY ADMINISTRATOR TO EXECUTE TWO CONTRACTS WITH SITEWORK COMPLETE, INC., FOR CONSTRUCTION OF STORMWATER MANAGEMENT RETROFITS, IN THE GARRISONVILLE ELECTION DISTRICT; SIGN A STORMWATER LOCAL ASSISTANCE FUND (SLAF) GRANT AGREEMENT; AND BUDGET AND APPROPRIATE GRANT PROCEEDS

WHEREAS, the County's Federal Clean Water Act Municipal Separate Storm Sewer System (MS4) stormwater discharge permit requires improvements to the County's existing stormwater system to reduce the pollution entering the Chesapeake Bay and its' tributaries; and

WHEREAS, the County received grant funding from the Virginia Stormwater Local Assistance Fund (SLAF) to design and construct stormwater facilities to improve water quality; and

WHEREAS, design has been completed to retrofit two existing stormwater management facilities in the Liberty Place and Park Ridge subdivisions, within the Garrisonville Election District, to provide additional reduction in pollution; and

WHEREAS, pursuant to Bid #5141152, staff solicited bids for the Liberty Place project and staff determined that the lowest responsive and responsible bid was submitted by Sitework Complete, Inc. in the amount of \$99,684; and

WHEREAS, pursuant to Bid #514153, staff solicited bids for the Park Ridge project and staff determined that the lowest responsive and responsible bid was submitted by Sitework Complete, Inc. in the amount of \$99,893; and

WHEREAS, staff determined that the bids submitted by Sitework Complete, Inc. are reasonable for the scope of services proposed; and

WHEREAS, funding is available in the Public Works Capital Improvement Program budget for FY2015;

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the 2nd day of June, 2015, that the County Administrator be and he hereby is authorized to execute two contracts with Sitework Complete, Inc., in an amount not to exceed Ninety-nine Thousand Six Hundred Eighty-four Dollars (\$99,684) for the Liberty Place project, and Ninety-nine Thousand Eight Hundred Ninety-three Dollars (\$99,893) for the Park Ridge project, for construction services for the Stormwater Management Facility Retrofit Projects, unless modified by a duly-authorized change order;

BE IT FURTHER RESOLVED, that the County Administrator be and he hereby is authorized to execute a Stormwater Local Assistance Fund (SLAF) grant agreement with the Virginia Department of Environmental Quality (DEQ) to provide 50% reimbursement for these projects;

BE IT STILL FURTHER RESOLVED, that an amount not to exceed One Hundred Fifty Six Thousand Two Hundred Fifty Dollars (\$156,250) be budgeted and appropriated as revenue to the General Fund upon the execution of the SLAF grant agreement and associated reimbursement(s).

Municipal Separate Storm Sewer (MS4) Stormwater Discharge Permit Update

June 2, 2015

- The County's MS4 Permit requires the reduction of pollution (nutrients and sediment) to comply with the requirements of the Chesapeake Bay Total Maximum Daily Load (TMDL)
- The MS4 Permit identifies a 15 year phased implementation schedule for the County's required pollution reductions from the Chesapeake Bay TMDL as follows:
 - June 30, 2018 – Implement 5% of required reductions
 - June 30, 2023 – Implement 35% of required reductions
 - June 30, 2028 – Implement 60% of required reductions
- The MS4 Permit requires the County to develop a Chesapeake Bay TMDL Action Plan no later than **June 30, 2015** to address the following. The Action Plan is a detailed document with the following key elements:
 - Estimation of pollution amounts and required reductions. **The estimate of pollution amounts and required reductions is based on the approval of a "right sized" MS4 Service Area for the County which is under review by DEQ currently. If the County does not receive this approval, required pollution reduction amounts would increase significantly.**
 - Proposed methods to meet required pollution reductions
 - Estimated cost of required pollution reductions
 - Other required Action Plan elements
- The TMDL Action Plan will identify pollution reductions and potential projects which can achieve the required reductions through the implementation of environmental restoration projects in the County
- The County's regulated MS4 drains to both the Rappahannock and Potomac River Watersheds and pollution reductions will have to be achieved in both watersheds following the schedule listed above
- Potential environmental restoration projects include:
 - Stream Restoration
 - Enhancements (retrofit) of existing stormwater management facilities
 - Creation of new stormwater management facilities
 - Other nutrient reduction opportunities

- The County is in the process of implementing two environmental restoration projects that have received funding support from the Virginia Stormwater Local Assistance Fund (SLAF); these projects will be factored into the TMDL Action Plan and will count towards the required reductions
- The County will pursue funding from future SLAF grant requests to offset the costs of additional restoration projects
- The MS4 Permit requires a public participation process during the development of the TMDL Action Plan:
 - Staff proposes to post the draft TMDL Action Plan on the County website in mid-June and solicit comment for a two week period
 - The completed TMDL Action Plan will be submitted to the Virginia Department of Environmental Quality (DEQ) for formal approval with the County's MS4 Permit Annual report in late September, 2015
- Although formal Board action is not required at this time, the Board may wish to be provided with an update at the June 16th meeting, and the public comment solicitation may result in inquiries to Board members.