

Board of Supervisors

Meg Bohmke, Chairman
Gary F. Snellings, Vice Chairman
Jack R. Cavalier
Thomas C. Coen
L. Mark Dudenhefer
Wendy E. Maurer
Cindy C. Shelton

Thomas C. Foley
County Administrator

Infrastructure Committee Meeting AGENDA

May 1, 2018 – 1:30 pm
Conference Room A/B/C, Second Floor

Committee Members: Chairman Mark Dudenhefer, Meg Bohmke and Jack Cavalier

Agenda Item	
1.	Transportation: <ul style="list-style-type: none">a. Route 1/Courthouse Road Right of Way Acquisition Property Impactsb. Impact Fee Discussionc. SSYP Updated. Locally Administered Project Programmatic Agreement Changese. Comprehensive Road Evaluation Update
2.	Utilities: Proposed Pro Rata Rate Changes
3.	Provide an Update on the Courthouse Analysis Schedule
	Next IC meeting is scheduled for June 5, 2018

InfraAgenda/05.01.2018



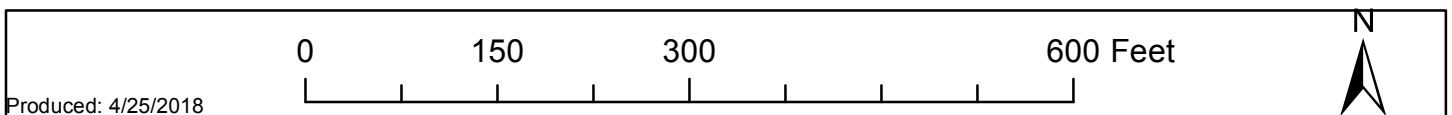
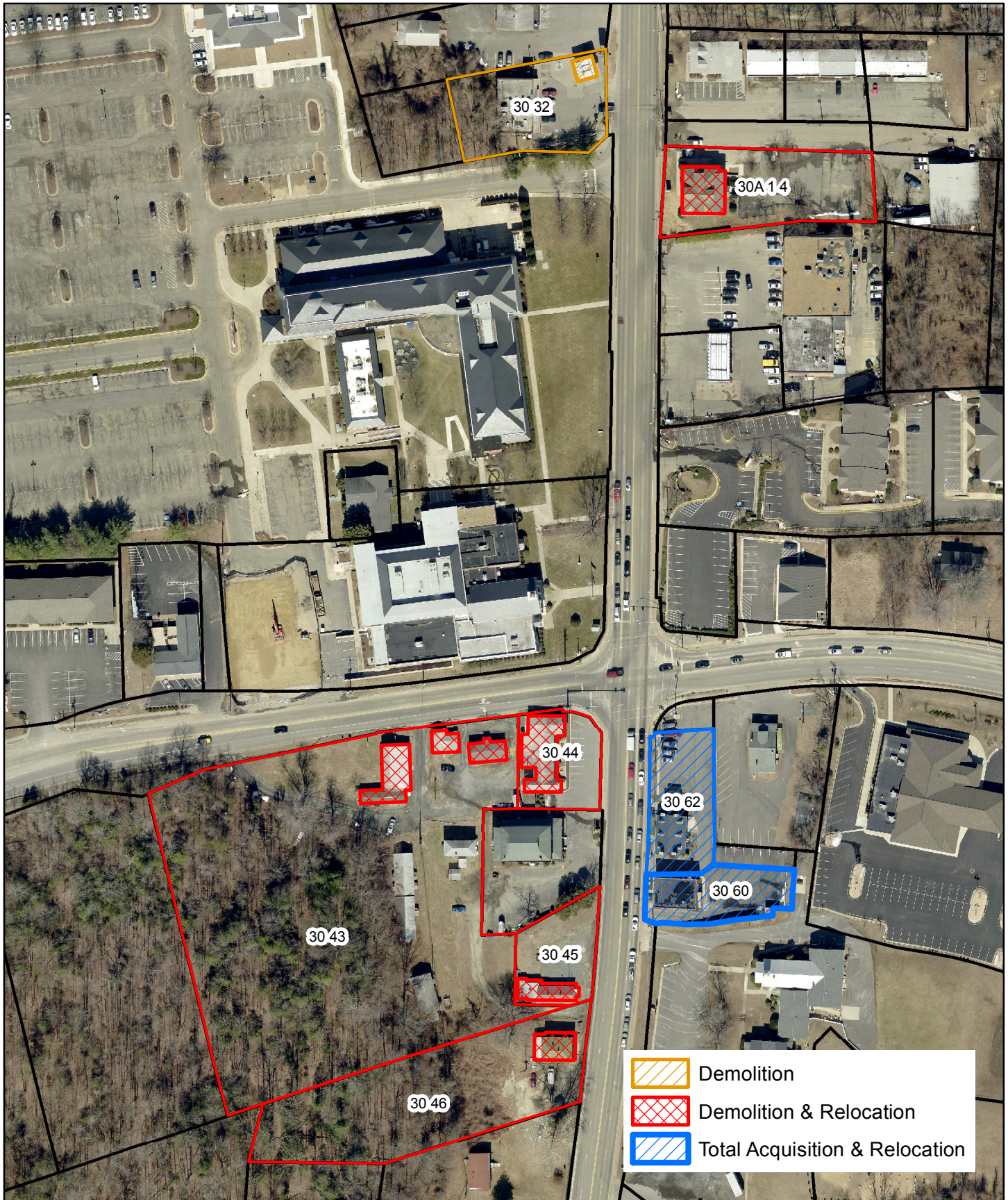
Route 1 and Courthouse Road Intersection Improvement Project

The Route 1 and Courthouse Road Intersection Improvement Project will improve the flow of traffic along Route 1 by widening Route 1 to provide dedicated left-turn lanes at the intersection with Courthouse Road (Rt. 630) and the intersection with Bells Hill Road (Rt. 631) and Hope Road (Rt. 687).

- The County received approval from VDOT to begin the Right of Way acquisition process on February 15, 2018.
- Twenty-nine (29) parcels will be impacted by the Project.
- Inspection letters have been sent out and appraisals are underway for 18 of the affected parcels.
- Project impacts will require building demolition and the total acquisition of 2 parcels. Project impacts will require the demolition of commercial buildings on 5 additional parcels. No residential buildings will be impacted.
- The demolition of the commercial buildings will result in the possible relocation of up to 12 different businesses.
- Displaced businesses will be provided a minimum of 90 days to relocate once the purchase offer has been made to the landowner.
- Relocation assistance is being provided to displaced businesses. Displaced businesses will also be entitled to payment for moving costs, search costs for a replacement location, and re-establishment expenses.
- The Right-of-Way Acquisition process is anticipated to take 8-10 months to complete.
- Utility relocation is currently scheduled to begin in Spring 2019 with a duration of approximately 8-12 months.
- The project is scheduled to be advertised for bids in Winter 2019 with actual construction slated to start in early Spring 2020.
- It is anticipated that construction could take up to two years with the majority of roadwork being performed at night to minimize disruptions to traffic.
- Total Estimated Cost of the Project is \$13.8 million dollars.

Tax Map #	Landowner	Number of Tenants	Property Address	Comments
30A-1-4	Global Millenium LLC	3	2146 Jefferson Davis Hwy	Partial Take - Building to be demolished and tenants relocated
30-32	SEJ Asset Mgmnt & Investmnt Co.	1	2143 Jefferson Davis Hwy	Partial Take - Fueling station to be demolished as part of project
30-62	Troy Farms LLC	0	2108 Jefferson Davis Hwy	Total Take - Building to be demolished, currently no tenants
30-60	Robert & Maggie Hyman	2	2102 Jefferson Davis Hwy	Total Take - Building to be demolished and tenants relocated
30-43	JPI-Fountain Park LLC	3	1284 Courthouse Road	Partial Take - Buildings to be demolished and tenants relocated
30-44	JPI-Fountain Park LLC	2	2107 Jefferson Davis Hwy	Partial Take - Building to be demolished and tenants relocated
30-45	JPI-Fountain Park LLC	1	2097 Jefferson Davis Hwy	Partial Take - Building to be demolished and tenant relocated
30-46	JPI-Fountain Park LLC	0	2089 Jefferson Davis Hwy	Partial Take - Building to be demolished, currently no tenants

Route 1 and Courthouse Road Total Takes and Demolition/Relocation



Discuss Impact Fee Revision

Infrastructure Committee

5-1-18

Background

- The General Assembly adopted Road Impact Fees in 2000 and amended in 2007, which allows local governments to impose impact fees to fund specific projects due to growth
- In 2008 the Board directed staff to investigate how to implement the impact fees
- Much work went into the development including the establishment of an Advisory Committee, hiring a consultant to do the road modeling and another consultant to compile the data from the modeling and prepare a report on the road conditions, an impact fee project list, and justification for impact fees
- The modeling was based on a 2010 base year and a 2020 “future” year
- The Road Improvement Plan and Impact Fee Study (Study) identified fees for Single Family Detached (SFD), Single Family Attached/Townhouses (SFA) and Multifamily. The recommended fees varied from \$5,427 (SFD) to \$3,045 for Multifamily
- The Board decided to set the impact fee rate at \$2,999 for all dwelling types.
- The Board passed the Impact Fee Ordinance in May 2013, with an effective date of May 21, 2014
- State and County Code require the basis for the road impact fee projects to be assessed every two years. To date the staff has assessed the assumptions in the Study and found the current growth matches the assumptions. Therefore the current fees have remained

Considerations for a Revision of Current Impact Fees

- The Board has requested staff investigate amending the current impact fees to charge the full Study amount suggested for each dwelling unit type.
- If the Board chooses to move forward with this action, a full reassessment of the Road Improvement Plan and associated impact fees should be conducted to prepare for any challenges which may arise and to meet the Code requirement
- Staff investigated the cost required to do a full study similar to the original study.

- In order to fully reassess the road network and the impact of future growth, the road modeling will need to be redone and that work will then need to be evaluated a road improvement plan developed and costs associated with those improvements identified. Those costs would then be used to calculate a new set of impact fees
- The cost to complete the modeling would be approximately \$55,000 and another \$60,000 for a consultant's assistance on the evaluation of the data and preparation of another report to identify the Road Improvement projects and possible impact fees.
- The funding for this project was not included in the proposed budget; therefore, a funding source would need to be identified
- If the Board does not choose to do this study at this time, it should be considered in next year's budget to align our program with the State code through a full assessment of the road improvement plan

BOARD OF SUPERVISORS

Agenda Item

Meeting Date:	May 1, 2018
Title:	Consider Adoption of the Virginia Department of Transportation FY2019-FY2024 Secondary System Six-Year Improvement Program
Department:	Public Works
Staff Contact:	Keith C. Dayton, Interim Director
Board Committee/ Other BACC:	Infrastructure Committee
Staff Recommendation:	Approval
Fiscal Impact:	Approximately \$3.2 million in state funding over the FY2019-FY2024 period
Time Sensitivity:	May 31, 2018

ATTACHMENTS:

1.	Background Report	3.	Proposed Secondary Six-Year Plan Summary
2.	Proposed Resolution R18-88		

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

REVIEW:

X	County Administrator	<i>Thomas C. Foley</i>
X	County Attorney (legal review only)	<i>Ryshede M. McIlhenny</i>

DISTRICT:	N/A
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BACKGROUND REPORT

Each year the Board holds a joint public hearing with the Virginia Department of Transportation (VDOT) to solicit public input on the Secondary System Six-Year Program (SSYP). Funding for the SSYP is provided from two sources: telecommunication services (Tele Fees) and unpaved road funding. The current SSYP approved by the Board for FY2018-FY2023 requested funding for the County's road priorities as follows:

FY2018 Road Priorities:**FY2018 Allocations:**

1. Poplar Road-Mountain View Road	\$115,657
2. Courthouse Road Widening Project	\$160,543
3. Juggins Road	\$151,927
4. Maintenance Paving	\$ 32,644
5. Countywide Traffic Services	<u>\$ 36,205</u>
TOTAL	\$496,976

The County's anticipated funding from Tele Fees in FY2019-FY2024 is estimated at \$466,800 annually. Estimated funding for unpaved roads varies, and ranges from \$32,766 in FY2022 to \$55,351 in FY2021. Over the six-year period, total allocations are estimated at approximately \$3.2 million. In a departure from previous practice, VDOT has requested that the Board resolution identify project funding priorities, without assigning specific amounts for funding, which would be assigned by VDOT's Central Office at a later date, taking into account the Board's request.

After consultation with VDOT and the Board's Infrastructure Committee, staff prepared the proposed FY2019-FY2024 SSYP with the project priorities (Attachment 3). The list below includes the priorities and requested FY2019 funding amounts for new and ongoing projects, as well as road safety initiatives desired by the Board. Requested funding shown on Attachment 3 for FY2020-FY2024 reflects the Board's desire to fully fund the Courthouse Road Widening Project, and the continuation of on-going efforts to improve safety on Stafford County roads.

FY2019 Road Construction Priorities:**ANTICIPATED FY2019 Allocations:**

1. Courthouse Road Widening Project	\$ 86,039
2. Quarry Road - Pave the unpaved section which is state maintained	\$109,200
3. Countywide right-of-way for the Telegraph Road - Drainage improvements	\$150,000
4. Brent Point Road - Pave the unpaved section which is state maintained	\$ 41,018
5. Maintenance Paving - Shoulder wedge improvements	\$ 42,738
6. Countywide Traffic Services - Traffic calming measures	<u>\$ 79,160</u>
TOTAL	\$508,155

Other staff recommendations for the SSYP funding are as follows:

- Funding safety improvements to rural secondary roads with high traffic volumes and high crash rates;
- Remove funding for the private portion of Raven Road. Two property owners have expressed opposition to having this private road made public, increasing the likelihood that condemnation actions would be required and condemnation is not eligible for SSYP funding;
- Maintain funding for repaving of the state-maintained section of Raven Road to provide improved access to Crow's Nest; and
- Continue funding for qualifying neighborhood traffic safety initiatives.

The proposed allocation is consistent with present economic conditions, the current budget situation, and current VDOT policies for identifying projects in the SSYP. Staff recommends approval of proposed Resolution R18-88, which, pursuant to Virginia Code §33.2-331, authorizes the County to adopt VDOT's proposed FY2019-FY2024 SSYP.

R18-88

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 1st day of May, 2018:

MEMBERS:

Meg Bohmke, Chairman
Gary F. Snellings, Vice Chairman
Jack R. Cavalier
Thomas C. Coen
L. Mark Dudenhefer
Wendy E. Maurer
Cindy C. Shelton

VOTE:

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

A RESOLUTION TO ADOPT THE VIRGINIA DEPARTMENT OF
TRANSPORTATION FY2019-FY2024 SECONDARY SYSTEM
SIX-YEAR IMPROVEMENT PROGRAM

WHEREAS, the Board sets priorities for the road improvement projects in the County and for the Virginia Department of Transportation (VDOT) Secondary System Six-Year Improvement Program (SSYP); and

WHEREAS, the Board desires to receive the funding provided by the FY2019-FY2024 SSYP, to complete road improvement priorities in the County, as identified below; and

WHEREAS, pursuant to Virginia Code § 33.2-331, the Board and VDOT representatives held a joint public hearing on May 1, 2018 on the FY2019-FY2024 SSYP; and

WHEREAS, the Board considered the recommendations of VDOT and staff, and the public testimony, if any, received at the public hearing;

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the 1st day of May, 2018, that the Virginia Department of Transportation (VDOT) FY2019-FY2024 Secondary System Six-Year Improvement Program be and it hereby is adopted identifying the following road priorities in Stafford County:

1. Courthouse Road Widening Project
2. Quarry Road - pave the unpaved section which is state maintained
3. Countywide right-of-way for the Telegraph Road - drainage improvements
4. Brent Point Road - pave the unpaved section which is state maintained
5. Maintenance paving - shoulder wedge improvements
6. Countywide traffic services - traffic calming measures

; and

BE IT FURTHER RESOLVED that a copy of this Resolution be forwarded to the VDOT Residency Administrator.

TCF:KCD:tbn

Secondary Six Year Plan Summary

Projects	Estimated Cost	Previous Funding	Additional Funding Needed	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	Balance to Complete	Total Project Funding	Scope of Work
Poplar Road												
From: 0.08 Miles North West of Intersection of Route 616 & Route 627	2,021,621	2,021,621	-	-	-	-	-	-	-	-	2,021,621	Safety Improvement
To: 0.27 Miles South of Intersection of Route 616 & Route 627												
Courthouse Road												
From: 0.10 Miles West of Route 628	35,966,920	35,209,947	756,973	86,039	321,813	349,121	-	-	-	-	35,966,920	Reconstruction with Added Capacity
To: 0.22 Miles West of Route 732												
Quarry Road												
From: 0.75 Miles South of Intersection with Route 658	109,200	-	109,200	109,200	-	-	-	-	-	-	109,200	Resurfacing Unpaved State Road
To: Dead End												
Juggins Road												
From: End of State Maintenance	2,253,905	2,253,905	-	-	-	-	-	-	-	-	2,253,905	Reconstruction and Paving Unpaved State Road
To: 0.28 Miles North of Route 659 Doc Stone Road												
Raven Road - Phase 2 (0.311 miles)												
From: 0.31 Miles South of Brooke Road	199,545	199,545	-	-	-	-	-	-	-	-	199,545	Resurfacing
To: Brooke Road (north intersection)												
Brent Point Road (1.78 miles)												
From: Intersection of 635 Decatur Rd	253,125	-	253,125	41,018	39,422	55,351	32,766	42,439	42,439	-	253,435	Resurfacing Unpaved State Road
To: Intersection of 633 Arkendale Rd												
Maintenance Paving (Subdivisions)	TBD	308,472	TBD	42,738	78,198	416,800	379,300	416,800	416,800	TBD	2,059,108	TBD Misc. Paving Locations
Resurfacing existing subdivision roads												
Countywide Traffic Services	TBD	240,124	-	79,160	66,789	50,000	87,500	50,000	50,000	-	623,573	Neighborhood Safety Initiatives
Services include neighborhood traffic calming and cut through measures, speed & traffic studies, & signage improvements												
Countywide Rural	TBD	-	-	-	-	-	-	-	-	TBD	-	Safety Enhancement Without Added Capacity
Reconstruction without added capacity												
Countywide Right-of-Way	TBD	705	TBD	150,000	-	-	-	-	-	TBD	150,705	Right-of-Way Acquisition
Use when impractical to open a project: Attorney Fees & Acquisition Cost												
Countywide Engineering & Survey	TBD	48,629	TBD	-	-	-	-	-	-	TBD	48,629	Preliminary Engineering
Minor Survey & Preliminary Engineering for Budget Items & Incidental Type Work												
Total	\$ 44,170,442	\$ 40,282,948	3,887,494	\$ 508,155	\$ 506,222	\$ 871,272	\$ 499,566	\$ 509,239	\$ 509,239	\$ 832,000	\$ 46,135,008	

Funding Sources	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	Later Years Funding	Total Project Cost
CTB Formula/HB 1887 DGP- Unpaved State Roads	41,018	39,422	-	-	-			80,440
TeleFee	466,800	466,800	466,800	466,800	466,800	466,800		2,800,800
District Grant - Unpaved	-	-	55,351	32,766	42,439	42,439		172,995
Reallocation from completed projects	337		349,121					
Total Funding Sources Identified	\$ 508,155	\$ 506,222	\$ 871,272	\$ 499,566	\$ 509,239	\$ 509,239	\$ -	\$ 3,054,235

BOARD OF SUPERVISORS

Agenda Item

Meeting Date:	May 1, 2018
Title:	Authorize the County Administrator to Execute Project Agreements for Current and Future Revenue Sharing Projects
Department:	Public Works
Staff Contact:	Keith C. Dayton, Interim Director
Board Committee/ Other BACC:	N/A
Staff Recommendation:	Approval
Fiscal Impact:	See Background Report
Time Sensitivity:	Current Agreement Expires June 30, 2018

ATTACHMENTS:

1.	Background Report	3.	Draft VDOT Programmatic Agreement
2.	Proposed Resolution R18-100		

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

REVIEW:

X	County Administrator	<i>Thomas P. Foley</i>
X	County Attorney (legal review only)	<i>Ryshede M. McCendon</i>

DISTRICT:	N/A
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BACKGROUND REPORT

The County is currently administering several projects that use funding from the Commonwealth of Virginia's Revenue Sharing Program (Revenue Sharing). The County and the Virginia Department of Transportation (VDOT) entered into a Programmatic Project Administration Agreement (Agreement) in 2012 to define the responsibilities of each party to the Agreement for projects administered by the County and funded through Revenue Sharing. The Agreement was extended in 2015 and expires on June 30, 2018. The Agreement cannot be extended further and must be replaced by a new agreement (New Agreement).

The New Agreement (Attachment 3) allows the County to administer multiple projects with a single agreement, eliminating the need for the County and VDOT to execute new agreements for each project. The Board must still approve each project. New Revenue Sharing projects approved by the Board and the Commonwealth Transportation Board would be added to the Agreement.

The County is currently administering the projects listed below that use Revenue Sharing funds:

<u>Project</u>	<u>Revenue Sharing (Million)</u>
Brooke Road	\$1.803
Garrisonville Road Widening	\$2.000
Route 1 & Courthouse Road	\$1.800
Berea Church Road	<u>\$1.098</u>
TOTAL	\$6.701 Million

To receive the Revenue Sharing funds, and participate in the New Agreement, VDOT requires a resolution from the Board granting authority to the County Administrator, or his designee, to execute the New Agreement.

Staff recommends approval of proposed Resolution R18-100, which authorizes the County Administrator to execute new Programmatic Project Administration Agreement with VDOT for current and future revenue sharing projects.

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 1st day of May, 2018:

MEMBERS:

Meg Bohmke, Chairman
Gary F. Snellings, Vice Chairman
Jack R. Cavalier
Thomas C. Coen
L. Mark Dudenhefer
Wendy E. Maurer
Cindy C. Shelton

VOTE:

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

A RESOLUTION AUTHORIZING THE COUNTY ADMINISTRATOR TO
EXECUTE A PROGRAMMATIC PROJECT ADMINISTRATION
AGREEMENT WITH THE VIRGINIA DEPARTMENT OF
TRANSPORTATION

WHEREAS, the Board requested funding from the Commonwealth Transportation Board (CTB) for revenue sharing projects and is currently administering several projects using revenue sharing funding; and

WHEREAS, the CTB approved and allocated the funding to the Virginia Department of Transportation (VDOT) for these projects; and

WHEREAS, VDOT has developed a Programmatic Project Administration Agreement (Agreement), which will streamline the process for administering the funding, and define the responsibilities of both parties to the Agreement; and

WHEREAS, VDOT requires a resolution authorizing the County Administrator, or his designee, to execute the Agreement to allow the County to administer current and future revenue sharing projects;

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the 1st day of May, 2018, that the County Administrator, or his designee, be and he hereby is authorized to execute a Programmatic Project Administration Agreement with the Virginia Department of Transportation (VDOT) for current and future revenue sharing projects; and

BE IT FURTHER RESOLVED that the VDOT Fredericksburg District Administrator be provided with a copy of this Resolution.

PROGRAMMATIC PROJECT ADMINISTRATION AGREEMENT
Revenue Sharing Projects

THIS AGREEMENT, made and executed in triplicate this ____ day of _____, 20__, by and between the County of Stafford, Virginia, hereinafter referred to as the LOCALITY and the Commonwealth of Virginia, Department of Transportation, hereinafter referred to as the DEPARTMENT.

WHEREAS, the LOCALITY may, in accordance with §33.2-357 of the *Code of Virginia* (1950), as amended (the *Code*), and Commonwealth Transportation Board (CTB) policy, submit application(s) for Revenue Sharing funding and may also administer projects approved for Revenue Sharing funding by the CTB; and

WHEREAS, Appendix A documents the funding allocated to each Project and shall be developed and included as an attachment to this agreement. Such attachment may be amended, revised or removed or an additional Appendix A may be added as additional projects or funding is approved by the CTB and allocated to the LOCALITY to finance the Project(s) within the term of this Agreement without the need to execute an additional project administration agreement; and

WHEREAS, current and future projects approved for Revenue Sharing funding by the CTB within the term of this agreement and subject to the terms and conditions specified herein shall be identified on a list which will be included as an attachment to this Agreement as Appendix B. Such attachment may be amended as additional projects are approved by the CTB and shall be signed by an authorized LOCALITY and VDOT official, without the need to execute an additional project administration agreement. If any active project with an existing agreement is incorporated herein, the original project agreement shall automatically terminate upon inclusion in this programmatic agreement of an updated Appendix A and an amended Appendix B to reflect that project; and

WHEREAS, both parties have concurred in the LOCALITY's administration of the phase(s) of work for the respective Project(s) listed in the attachments in accordance with applicable federal, state and local laws and regulations and that the locality will certify compliance with those laws and regulations as prescribed by the Department.

NOW THEREFORE, in consideration of the mutual premises contained herein, the parties hereto agree as follows:

1. This agreement shall be effective for an initial period of THREE fiscal years (each year beginning July 1st - June 30th) and may be extended by an addendum signed by each party for one additional term of THREE fiscal years unless a change in policy or the *Code* necessitates a change in terms and conditions before the term of this agreement shall have passed. This Agreement shall NOT extend beyond SIX fiscal years. In the event that a new agreement becomes necessary during the life of this Agreement, Appendix A and Appendix B may be incorporated within the new approved agreement upon mutual agreement by both parties.

2. The LOCALITY shall:

- a. Be responsible for all activities necessary to complete the noted phase(s) of each Project shown on the Appendix B and on the respective Project's Appendix A, except for activities, decisions, and approvals which are the responsibility of the DEPARTMENT, as required by federal or state laws and regulations or as otherwise agreed to, in writing, between the parties.
- b. Receive individual prior written authorization from the DEPARTMENT to proceed with each project.
- c. Administer the Project(s) in accordance with guidelines applicable to state funded Locally Administered Projects as published by the DEPARTMENT.
- d. Provide certification by a LOCALITY official of compliance with applicable laws and regulations on the State Certification Form for State aid projects or in another manner as prescribed by the DEPARTMENT for each project included in Appendix B.
- e. Maintain accurate and complete records of each Project's development of all expenditures and make such information available for inspection or auditing by the DEPARTMENT. Records and documentation for items for which reimbursement will be requested shall be maintained for not less than three (3) years following acceptance of the final voucher on each Project.
- f. No more frequently than monthly, submit invoices with supporting documentation to the DEPARTMENT in the form prescribed by the DEPARTMENT. The supporting documentation shall include copies of related vendor invoices paid by the LOCALITY and also include an up-to-date Project summary and schedule tracking payment requests and adjustments.
- g. Reimburse the DEPARTMENT all Project expenses incurred by the DEPARTMENT if, due to action or inaction solely by the LOCALITY, the project becomes ineligible for state reimbursement, or in the event the reimbursement provisions of Section 33.2-348 or Section 33.2-331 of the *Code*, or other applicable provisions of state law or regulations require such reimbursement.
- h. Pay the DEPARTMENT the LOCALITY's matching funds for eligible Project expenses incurred by the DEPARTMENT in the performance of activities set forth in paragraph 3.a.
- i. Administer the Project in accordance with all applicable federal, state, and local laws and regulations. Failure to fulfill these obligations may result in the forfeiture of state-aid reimbursements. DEPARTMENT and LOCALITY staffs will work together to cooperatively resolve any issues that are identified so as to avoid any forfeiture of state-aid funds.

- j. If legal services other than those provided by staff counsel are required in connection with condemnation proceedings associated with the acquisition of Right-of-Way, the LOCALITY will consult the DEPARTMENT to obtain an attorney from the list of outside counsel approved by the Office of the Attorney General. Costs associated with outside counsel services shall be reimbursable expenses of the project.
 - k. For projects on facilities not maintained by the DEPARTMENT, provide, or have others provide, maintenance of the Project upon completion, unless otherwise agreed to by the DEPARTMENT.
3. The DEPARTMENT shall:
- a. Perform any actions and provide any decisions and approvals which are the responsibility of the DEPARTMENT, as required by federal or state laws and regulations or as otherwise agreed to, in writing, between the parties.
 - b. Upon receipt of the LOCALITY's invoices pursuant to paragraph 2.f, reimburse the LOCALITY the cost of eligible Project expenses, as described in Appendix A. Such reimbursements shall be payable by the DEPARTMENT within 30 days of an acceptable submission by the LOCALITY.
 - c. If appropriate, submit invoices to the LOCALITY for the LOCALITY's share of eligible Project expenses incurred by the DEPARTMENT in the performance of activities pursuant to paragraph 2.a.
 - d. Audit the LOCALITY's Project records and documentation as may be required to verify LOCALITY compliance with applicable laws and regulations.
 - e. Make available to the LOCALITY guidelines to assist the parties in carrying out responsibilities under this Agreement.
4. Appendix A identifies the specific funding sources for each Project under this Agreement, phases of work to be administered by the LOCALITY, and additional project-specific requirements agreed to by the parties. There may be additional elements that, once identified, shall be addressed by the parties hereto in writing, which may require an amendment to this Agreement.
5. If designated by the DEPARTMENT, the LOCALITY is authorized to act as the DEPARTMENT's agent for the purpose of conducting survey work pursuant to Section 33.2-1011 of the *Code*.
6. Nothing in this Agreement shall obligate the parties hereto to expend or provide any funds in excess of funds agreed upon in this Agreement or as shall have been included in an annual or other lawful appropriation. In the event the cost of a Project under this agreement is anticipated to exceed the allocation shown for such Project on the respective Appendix A, both parties agree to cooperate in providing additional funding for the Project or to terminate the Project before its cost exceeds the allocated amount, however

the DEPARTMENT and the LOCALITY shall not be obligated to provide additional funds beyond those appropriated pursuant to an annual or other lawful appropriation.

7. Nothing in this agreement shall be construed as a waiver of the LOCALITY's or the Commonwealth of Virginia's sovereign immunity.
8. The Parties mutually agree and acknowledge, in entering this Agreement, that the individuals acting on behalf of the Parties are acting within the scope of their official authority and the Parties agree that neither Party will bring a suit or assert a claim against any official, officer, or employee of either party, in their individual or personal capacity for a breach or violation of the terms of this Agreement or to otherwise enforce the terms and conditions of this Agreement. The foregoing notwithstanding, nothing in this subparagraph shall prevent the enforcement of the terms and conditions of this Agreement by or against either Party in a competent court of law.
9. The Parties mutually agree that no provision of this Agreement shall create in the public, or in any person or entity other than parties, rights as a third party beneficiary hereunder, or authorize any person or entity, not a party hereto, to maintain any action for, without limitation, personal injury, property damage, breach of contract, or return of money, or property, deposit(s), cancellation or forfeiture of bonds, financial instruments, pursuant to the terms of this of this Agreement or otherwise. Notwithstanding any other provision of this Agreement to the contrary, unless otherwise provided, the Parties agree that the LOCALITY or the DEPARTMENT shall not be bound by any agreements between either party and other persons or entities concerning any matter which is the subject of this Agreement, unless and until the LOCALITY or the DEPARTMENT has, in writing, received a true copy of such agreement(s) and has affirmatively agreed, in writing, to be bound by such Agreement.
10. This agreement may be terminated by either party upon 30 days advance written notice. Eligible Project expenses incurred through the date of termination shall be reimbursed in accordance with paragraphs 2.f, 2.g, and 3.b, subject to the limitations established in this Agreement and Appendix A. Should the LOCALITY unilaterally cancel a project agreement, the LOCALITY shall reimburse the DEPARTMENT all state funds reimbursed and expended in support of the project, unless otherwise mutually agreed-upon prior to termination.

THE LOCALITY and DEPARTMENT acknowledge and agree that this Agreement has been prepared jointly by the parties and shall be construed simply and in accordance with its fair meaning and not strictly for or against any party.

THE LOCALITY and the DEPARTMENT further agree that should Federal-aid Highway funds be added to any project, this agreement is no longer applicable to that project and the applicable Appendix A shall be removed from this agreement and the Standard Project Administration Agreement for Federal-aid Projects executed for that project.

THIS AGREEMENT, when properly executed, shall be binding upon both parties, their successors, and assigns.

THIS AGREEMENT may be modified in writing by mutual agreement of both parties.

IN WITNESS WHEREOF, each party hereto has caused this Agreement to be executed as of the day, month, and year first herein written.

COUNTY OF STAFFORD, VIRGINIA:

Typed or printed name of signatory

Title

Date

Signature of Witness

Date

NOTE: The official signing for the LOCALITY must attach a certified copy of his or her authority to execute this agreement.

COMMONWEALTH OF VIRGINIA, DEPARTMENT OF TRANSPORTATION:

Chief of Policy

Date

Commonwealth of Virginia
Department of Transportation

Signature of Witness

Date

Attachments

Appendix A (for each project covered under this Agreement)

Appendix B (listing each project covered under this Agreement)

Stafford Comprehensive Road Study Update

- The Board endorsed initiation of a comprehensive study of County roads for the purpose of assessing current performance and to develop a data driven priority list for the allocation of scarce transportation funding
- Staff has worked with designated Board members in the development of the study team and methodology for this effort.
- Study Members include:
 - Board members (2)
 - Public Works Staff (3)
 - Sheriff's Office (1)
 - VDOT Staff (2)
 - SCPS
 - Fire & Rescue
- In an effort to define the scope in a manner which allows an expeditious conclusion, we have made certain initial assumptions regarding the scope as follows:
 - Focus on major secondary roads, excluding subdivision streets
 - Limit the initial analysis to roads with 1,000 vehicle trips per day or greater
 - Evaluate roads using multiple criteria including vehicle use, safety, and implementation considerations related to improvements
- Beside study team development, other efforts are underway, including:
 - Initial development of a spreadsheet for evaluation
 - Acquired traffic count data for 2016 and 2017
 - Initiated acquisition of crash data through VDOT and the Sheriff
 - Acquired public input from the CAO
- Next steps
 - Break major roads into logical segments
 - Solicit input from Board members and other stake holders regarding other roads that should be included
 - Input crash data when available
 - Evaluate roads for physical conditions (road width, pavement condition, shoulders, clear zone/recovery areas, etc.)
 - Assimilate road input from study partners
 - Identify recommended improvements and apply cost/funding factors
 - Assign weighting factors
 - Finalize prioritization

BOARD OF SUPERVISORS

Agenda Item

Meeting Date:	May 1, 2018
Title:	A Resolution Requesting that the Utilities Commission Hold a Public Hearing to Consider the General Water and Sewer Improvement Program and Utilities Pro-Rata Fees
Department:	Utilities
Staff Contact:	Jason Towery, P.E., Director
Board Committee/ Other BACC:	N/A
Staff Recommendation:	Approval
Fiscal Impact:	N/A
Time Sensitivity:	N/A

ATTACHMENTS:

1.	Background Report	4.	Proposed Resolution R18-116
2.	Proposed Resolution R18-111	5.	Updated General Water and Sewer Improvement Program (Will be provided in hard copy on May 1 st)
3.	Proposed Ordinance O18-25		

<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	<i>For: Frederick J. Ashley</i>
<input checked="" type="checkbox"/>	County Attorney (legal review only)	<i>Rysheda M. Miller</i>
<input checked="" type="checkbox"/>	Finance and Budget	<i>Mario J. Pennington</i>

DISTRICT: N/A

BACKGROUND REPORT

In 2007, the Board adopted R07-12 adopting the General Water and Sewer Improvement Program (GWSIP). The GWSIP documents are based on the proposed Water and Sewer Master Plan (Plan) and identify projects (and estimated costs) needed to provide water and service over the next 20 years. These projects are included in the Utilities Capital Improvement Program, which is updated annually by the Board. Pro-rata fees are calculated by dividing the total cost of the planned improvements, as shown in the GWSIP, by the build-out flow for that area. The Utilities Commission (UC) will review the proposed GWSIP and Pro-rata fee changes after the final approval of the Plan by the Board. The UC will make recommendations for the Boards consideration for amendments to the GWSIP and Pro-rata Fees.

Attachment 4 provides the proposed updates to the GWSIP and the calculation of the proposed Pro-rata Fees shown below:

Pro Rata Charges (Per Gallon)

<u>Pressure Zone</u>	<u>Water Fees</u>		<u>Sewer Fees</u>		<u>County Code Sec. Section</u>
	<u>Current</u>	<u>Proposed</u>	<u>Current</u>	<u>Proposed</u>	
Aquia	1.92	<u>2.27</u>			25-72.1 &
Berea	2.24	<u>3.56</u>			25-72.2
Central	4.00	<u>6.38</u>			
Falmouth	3.40	<u>4.13</u>			
Garrisonville	2.61	<u>3.22</u>			
 <u>Drainage Area</u>					
Accokeek			9.26	<u>10.57</u>	
Aquia			7.47	<u>4.59</u>	
Austin Run			5.34	<u>2.17</u>	
Claiborne Run			5.80	<u>3.63</u>	
Falls Run			10.49	<u>5.23</u>	
Little Falls Run			9.93	<u>14.32</u>	
Potomac Creek			16.55	<u>28.22</u>	
Rocky Pen Run			19.47	<u>13.57</u>	

Staff recommends approval of proposed Resolution R18-111 requesting the UC to hold a public hearing to consider the GWSIP and proposed Utilities Pro-rata fees. Attachments 3 and 4 (proposed Ordinance 018-25 and proposed Resolution R18-116) are included here for the Board's review but will be brought for a vote at a later date when the Board holds its public hearing on Pro-rata fees and the General Water and Sewer Improvement Program.

R18-111

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 day of , 2018:

MEMBERS:

Meg Bohmke, Chairman
Gary F. Snellings, Vice Chairman
Jack R. Cavalier
Thomas C. Coen
L. Mark Dudenhefer
Wendy E. Maurer
Cindy C. Shelton

VOTE:

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

A RESOLUTION REQUESTING THAT THE UTILITIES
COMMISSION HOLD A PUBLIC HEARING TO CONSIDER
CHANGES TO THE GENERAL WATER AND SEWER
IMPROVEMENT PROGRAM AND PRO-RATA FEES

WHEREAS, the Board desires to provide reliable water and wastewater service to the residents and businesses of Stafford County; and

WHEREAS, the Board desires that future service needs be carefully planned;
and

WHEREAS, the rates and fees must be commensurate with the cost of providing service in order that the Utilities fund be self-supporting; and

WHEREAS, County Code Sec. 25-72.1 and 25.72.2 require sub-dividers and developers to pay a pro rata share of off-site water and sewer costs; and

WHEREAS, Virginia Code § 15.2-2243(A), requires the establishment of a general water and sewer improvement program in order to collect Pro-rata fees;

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the day of , 2018, that Utilities Commission be and it hereby is requested to hold a public hearing to consider changes to the General Water and Sewer Improvement Program and Pro-rata fees.

O18-25

PROPOSED

BOARD OF SUPERVISORS
COUNTY OF STAFFORD
STAFFORD, VIRGINIA

ORDINANCE

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 day of , 2018:

MEMBERS:

Meg Bohmke, Chairman
Gary F. Snellings, Vice Chairman
Jack R. Cavalier
Thomas C. Coen
L. Mark Dudenhefer
Wendy E. Maurer
Cindy C. Shelton

VOTE:

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

AN ORDINANCE TO AMEND AND READOPT PRO-RATA FEES
FOR PROVIDING PUBLIC WATER AND SEWER SERVICE

WHEREAS, the Board is authorized to set reasonable fees and charges for public water and sewer service; and

WHEREAS, such authority can be found in Virginia Code Sections 15.2-2111, 15.2-2122, and 15.2-2243; and

WHEREAS, the Board desires to set fees for these services commensurate with the services provided by the County; and

WHEREAS, County Code Sec. 25-72.1 and 25-72.2 require sub-dividers and developers to pay a pro-rata share of water and sewer infrastructure costs; and

WHEREAS, the General Water and Sewer Improvement Programs have been updated to reflect current estimates of the costs to construct water and sewer infrastructure in the common areas; and

WHEREAS, the Board has carefully considered the recommendation of the Utilities Commission, staff and the testimony, if any, at the public hearing;

NOW, THEREFORE, BE IT ORDAINED by the Stafford County Board of Supervisors on this the day of , 2018, that the fees for providing public water and sewer service be and they hereby are amended and readopted as follows:

Pro Rata Charges (Per Gallon)

	<u>Water Fees</u>		<u>Sewer Fees</u>		County
<u>Pressure Zone</u>	<u>Current</u>	<u>Proposed</u>	<u>Current</u>	<u>Proposed</u>	<u>Code Sec.</u>
<u>Section</u>					
Aquia	1.92	<u>2.27</u>			25-72.1 &
Berea	2.24	<u>3.56</u>			25-72.2
Central	4.00	<u>6.38</u>			
Falmouth	3.40	<u>4.13</u>			
Garrisonville	2.61	<u>3.22</u>			
<u>Drainage Area</u>					
Accokeek			9.26	<u>10.57</u>	
Aquia			7.47	<u>4.59</u>	
Austin Run			5.34	<u>2.17</u>	
Claiborne Run			5.80	<u>3.63</u>	
Falls Run			10.49	<u>5.23</u>	
Little Falls Run			9.93	<u>14.32</u>	
Potomac Creek			16.55	<u>28.22</u>	
Rocky Pen Run			19.47	<u>13.57</u>	

BE IT FURTHER ORDAINED that this Ordinance shall be effective _____, 2018.

TCF:JDT:JAE:sd

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 day of , 2018:

MEMBERS:

Meg Bohmke, Chairman
Gary F. Snellings, Vice Chairman
Jack R. Cavalier
Thomas C. Coen
L. Mark Dudenhefer
Wendy E. Maurer
Cindy C. Shelton

VOTE:

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

A RESOLUTION ADOPTING THE GENERAL WATER AND SEWER
IMPROVEMENT PROGRAM AS SHOWN IN THE DOCUMENT
TITLED “GENERAL WATER AND SEWER IMPROVEMENT
PROGRAM”

WHEREAS, the Board desires to provide reliable water and wastewater service to the citizens of Stafford County; and

WHEREAS, the Board desires that future service needs be carefully planned;
and

WHEREAS, the rates and fees must be commensurate with the cost of providing service in order that the Utilities fund be self-supporting; and

WHEREAS, County Code Sections 25-72.1 and 25-72.2 require sub-dividers and developers to pay a pro rata share of off-site water and sewer costs; and

WHEREAS, Virginia Code § 15.2-2243(A) requires the establishment of a general water and sewer improvement program in order to require the collection of pro-rata fees; and

WHEREAS, the Utilities Commission held a public hearing and recommends changes to the County's General Water and Sewer Improvement Program in order to continue to effectively manage the growth of its water and sewer system, and ensure proper collection of pro-rata fees;

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the day of , 2018, that it be and hereby does amend the General Water and Sewer Improvement Program as shown in the document titled "General Water and Sewer Improvement Program."

TCF:jt

Stafford County General Water and Sewer
Improvement Program

April 26, 2018

Stafford County General Water Improvement Program

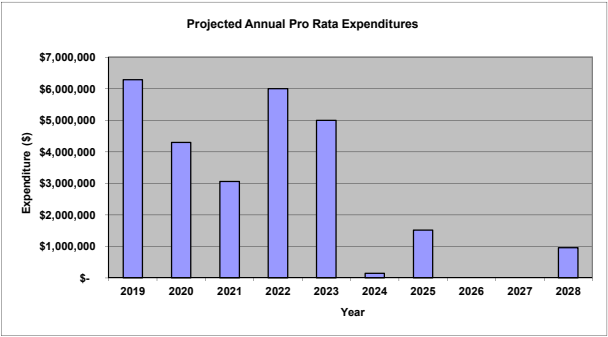
Schedule for CIP Improvements (FY19-28)														April 26, 2018	
Project No	Description	Cost	Developer Projects	Prior Appropriation	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Beyond 2028
310 Zone															
Piping															
310-01	Construct 8-inch main from Jlb Drive to Hope Springs Lane	\$ 540,000													\$ 540,000
310-03	Construct 12-inch main along Jefferson Davis Highway from Sunnyside Drive to	\$ 249,600													\$ 249,600
310-05	Construct 12-inch main along Aquia Drive from Coal Landing Road to Washingh	\$ 1,284,000													\$ 1,284,000
310-06	Construct 12-inch main along Washington Drive from Aquia Drive to Jefferson D	\$ 1,816,800													\$ 1,816,800
310-07	Construct 24-inch main along Garrisonville Road (Rt. 610) from Salisbury Drive t	\$ 1,410,000													\$ 1,410,000
310-08	Replace existing 8-inch main along Coal Landing Road with a 12-inch main from	\$ 582,000													\$ 582,000
310-10	Construct 24-inch main from I-95 to 12-inch main along Jefferson Davis Highway	\$ 1,310,400													\$ 1,310,400
310-12	Construct 12-inch main along Forest Wood Drive from White Pine Circle to conf	\$ 361,200													\$ 361,200
310-13	Construct 6-inch main along Pilgrim Drive to connect the existing 6-inch to the n	\$ 44,400													\$ 44,400
Pumping															
310-200	Expand Smith Lake Pumping Station to 14 mgd	\$ 1,555,200													\$ 1,555,200
Valving															
310-300	Construct emergency pressure reducing valve between 370/310 Zone near Wall	\$ 97,200													\$ 97,200
310-301	Construct emergency pressure reducing valve between 370/310 Zone along Bel	\$ 97,200													\$ 97,200
310-302	Construct emergency pressure reducing valve between 370/310 Zone along Old	\$ 97,200													\$ 97,200
342 Zone															
Piping															
342-01A	342 PZ Ph 1 Construct 24-inch main along Olde Forge Road to Beagle Road. C	\$ 13,800,000		\$2,800,000				\$6,000,000	\$5,000,000						
342-06	Construct 24-inch main along Truslow Road and Enoch Road to Hulls Chapel Ro	\$ 3,380,000				\$300,000	\$3,060,000								
342-10	Construct 12-inch main along Primmer House Road	\$ 109,200													\$ 109,200
342-15	Replace existing 16-inch main with 24-inch main along Hulls Chapel Road from	\$ 4,100,000			\$100,000	\$4,000,000									\$ 4,100,000
Storage															
342-101	Construct new 2 MG elevated storage tank at the site of the existing Abel Lake 1	\$ 6,168,000		\$168,000	\$6,000,000										
370 Zone															
Piping															
370-02	Construct 12-inch main along Ramoth Church Road and American Legion Road	\$ 1,178,400	\$1,178,400												
370-03	Construct 24-inch main from Ramoth Church Road to Courthouse Road	\$ 3,771,600	\$3,771,600												
370-05	Construct 16-inch main along Courthouse Road from west of I-95 west to 433 Z	\$ 1,140,000	\$1,140,000												
Pumping															
370-201	Construct 11.1 mgd pumping station along Centreport Parkway near Aviation W	\$ 4,315,200													\$ 4,315,200
410 Zone															
Valving															
410-300	Construct pressure reducing valve between 480/410 Zone along Celebrate VA R	\$ 97,200													\$ 97,200
410-301	Construct pressure reducing valve between 480/410 Zone along Warrenton Roa	\$ 97,200													\$ 97,200
433 Zone															
Piping															
433-05	Construct 16-inch main along Courthouse Road from pumping station at 433/371	\$ 951,600													
433-06	Construct 12-inch main from Moncure Pumping Station to 8-inch main south of t	\$ 90,000			\$90,000									\$951,600	
Pumping															
433-200	Construct 4.4 mgd pumping station along Courthouse Road at 433 Zone bound	\$ 1,711,200													\$ 1,711,200
472 Zone															
Piping															
472-01	Construct 8-inch main along Shelton Shop Road from existing 12-inch at Soaring	\$ 95,000			\$95,000										
Storage															
472-100	Construct 0.5 MG storage tank along Garrisonville Road near Ripley Road	\$ 1,656,000								\$145,200	\$1,510,800				
Pumping															
472-200	Construct 0.9 mgd pumping station along Lightfoot Road near Mountain View R	\$ 350,400													\$ 350,400
480 Zone															
Piping															
480-01	Construct 24-inch main from the existing 24-inch main at Greenbank Road and	\$ 602,400													\$ 602,400
480-02	Construct 16-inch main from existing 12-inch main at Celebrate Virginia Parkway	\$ 486,000													\$ 486,000
Valving															
480-300	Construct pressure reducing valve between 520/480 Zone along Village Parkwa	\$ 810,001													\$ 810,001
520 Zone															
Piping															
520-02	Construct 16-inch main along Warrenton Road from New Pump Station to West	\$ 2,612,000													\$ 2,612,000
Storage															
520-100	Construct 0.75 MG elevated storage tank along Warrenton Road in vicinity of Cl	\$ 2,070,000													\$ 2,070,000
Pumping															
520-200	Construct 2.3 mgd pumping station along Warrenton Road near Cardinal Forest	\$ 745,000													\$ 745,000
	Master Plan (divided equally between water zones/sewer sheds)	\$ 96,171		\$96,171											
TOTAL	(includes Master Plan)	\$ 59,857,773	\$ 6,090,000	\$ 3,064,171	\$ 6,285,000	\$ 4,300,000	\$ 3,060,000	\$ 6,000,000	\$ 5,000,000	\$ 145,200	\$ 1,510,800	\$ -	\$ -	\$ 951,600	\$ 27,551,001

Availability Fee Funded projects															
	Smith Lake			\$ 1,496,000	\$ 500,000	\$ 1,679,000									
	Abel Lake														
	Lake Mooney						\$ 1,250,000			\$ 945,000		\$ 5,000,000	\$ 4,650,000		
	Other														
	Water Line Extensions				\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 350,000	\$ 400,000	\$ 450,000	\$ 500,000	
	Total				\$ 750,000	\$ 1,929,000	\$ 1,500,000	\$ 250,000	\$ 250,000	\$ 1,245,000	\$ 350,000	\$ 5,400,000	\$ 5,100,000	\$ 500,000	\$ -

Operations Funded Projects															
	Water Lines, Tank, and Pumping Stations - Operations				\$ 1,422,200	\$ 1,250,000	\$ 1,500,000	\$ 1,350,000	\$ 1,350,000	\$ 2,000,000	\$ 5,750,000	\$ 1,950,000	\$ 2,150,000	\$ 2,350,000	
	Smith Lake					\$ 80,000									
	Abel Lake						\$ 80,000								
	Rocky Pen Run														
	Total				\$ 1,422,200	\$ 1,330,000	\$ 1,580,000	\$ 1,350,000	\$ 1,350,000	\$ 2,000,000	\$ 5,750,000	\$ 1,950,000	\$ 2,150,000	\$ 2,350,000	

Total - all water projects:

\$ 8,457,200 \$ 7,559,000 \$ 6,140,000 \$ 7,600,000 \$ 6,600,000 \$ 3,390,200 \$ 7,610,800 \$ 7,350,000 \$ 7,250,000 \$ 3,801,600 \$ 27,551,001



Develop ProRata: \$ 6,090,000
Prior Appropriation: \$ 3,064,171
Totals 2019-2028 \$ 27,252,600
Total - Beyond 2028 \$ 27,551,001

CIP Total - Pro Rata \$ 63,957,773

Stafford County General Sewer Improvement Program

Schedule for CIP Improvements (FY19-28)

April 26, 2018

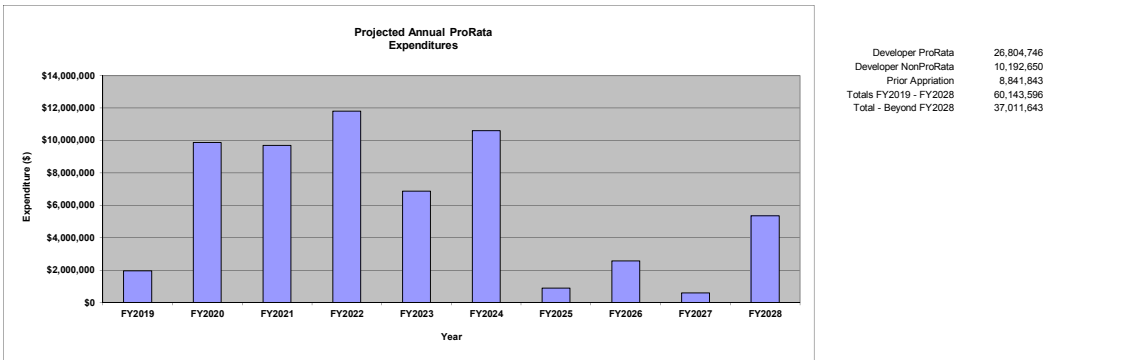
Project No		Project Name	Cost	Developer ProRata Projects	Developer Non-Pro Rata Projects	Prior Appropriation	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2019 - FY2028	Beyond FY2028
Aquia Wastewater Treatment Facility Service Area																		
Gravity Piping																		
A-4	Construct 12-inch gravity main along Accokeek Creek from location downstream of	\$	819,000						\$81,900	\$737,100							\$819,000	
A-14	Replace 8-inch and 10-inch with 18-inch gravity main along Jefferson Davis Highway	\$	2,600,000						\$260,000	\$2,340,000							\$2,600,000	
A-16	Replace 8-inch with 12-inch gravity main from vicinity of Nina Cove to Jefferson Drive	\$	450,000															\$450,000
A-18	Replace 24-inch with 36-inch gravity main along Austin Run from Whitsons Run to	\$	3,300,000						\$330,000	\$2,970,000							\$3,300,000	
A-23	Replace 10-inch with 12-inch gravity main along unnamed tributary to Aquia Creek	\$	1,140,000															\$1,140,000
A-27	Construct approximately 600' of 8-inch gravity main from area of existing Autumn Ridge	\$	150,000		\$150,000													\$150,000
A-31	Construct 12-inch gravity main along unnamed tributary to Accokeek Creek from	\$	688,000							\$68,800	\$619,200						\$688,000	
A-32	Construct 10-inch gravity main from Rowser PS to interceptor along Accokeek Creek	\$	513,000							\$51,300	\$461,700						\$513,000	
A-33	Construct 18-inch gravity main along Accokeek Creek from vicinity of Jumping Bra	\$	1,580,000	\$1,580,000						\$158,000	\$1,422,000						\$1,580,000	
A-37	Construct 8-inch gravity main from interceptor along Austin Run near Winding Creek	\$	610,500		\$610,500													\$610,500
A-38	Replace approximately 3,900' of 10-inch and 12-inch with 18-inch gravity main along	\$	1,705,200	\$1,705,200							\$61,050	\$549,450						\$1,705,200
A-39	Replace 18-inch with 24-inch gravity main along Whitsons Run from vicinity of Hig	\$	3,720,000	\$3,720,000														\$3,720,000
A-40	Replace 8-inch with 12-inch gravity main along Aquia Drive from Delaware Drive to	\$	532,000									\$53,200	\$478,800				\$532,000	
A-42	Replace 8-inch with 18-inch gravity main along Jefferson Davis Highway from Aquia	\$	214,000															\$214,000
A-47	Replace 8-inch with 15-inch gravity main near Voyage Drive	\$	341,000									\$34,100	\$306,900				\$341,000	
A-48	Construct approximately 1,700' of 8-inch gravity main to serve area near Mt. Ararat	\$	360,000		\$360,000													\$360,000
A-50	Construct 15-inch gravity main for conveying flows from Plan Areas GWV and Coal	\$		\$0														\$0
A-51	Replace 12-inch with 15-inch gravity main along Coal Landing Rd from Jefferson C	\$	444,000				\$44,400	\$399,600									\$444,000	
A-53	Replace 8-inch with 12-inch gravity main along Courthouse Rd	\$	750,000	\$750,000														\$750,000
A-55	Construct 8-inch gravity main from Stafford Hospital PS to Lower Accokeek PS	\$	1,875,000															\$1,875,000
A-56	Construct approximately 1,000' of 8-inch gravity main from Germanna CC Campus	\$	270,000															\$270,000
A-57	Construct 8-inch gravity main from Stafford Middle School PS to near Old Potomac	\$	423,600		\$423,600													\$423,600
Force Mains																		
A-100	Replace 10-inch with 16-inch force main along Cedar Lane from Upper Accokeek	\$	2,841,696	\$2,841,696											\$284,170	\$2,557,526	\$2,841,696	
A-103	Construct 12-inch force main along Jefferson Davis Highway from Lower Accokeek	\$	4,020,000							\$402,000	\$3,618,000						\$4,020,000	
A-112	Construct approximately 1,050' of 6-inch force main from Toluca Road PS to 8" gr	\$	438,000	\$438,000														\$438,000
A-114	Replace 8-inch and 10-inch force mains with 18-inch force main from Aquia Creek	\$	800,000	\$800,000														\$800,000
A-115	Replace 14-inch and 12-inch force mains from Aquia at Bridge PS to existing 18-in	\$	2,147,000				\$214,700	\$1,932,300									\$2,147,000	
Pumping																		
A-205	Expand Upper Accokeek PS	\$	1,440,000		\$1,440,000													\$1,440,000
A-207	Construct Lower Accokeek PS	\$	3,300,000			\$571,000				\$330,000	\$2,970,000				\$144,000	\$1,296,000	\$3,300,000	
A-212	Expand Aquia Creek PS	\$	285,000															\$285,000
A-231	Construct Toluca Road PS	\$	300,000		\$300,000													\$300,000
A-234	Expand Azelea Woods @ Galway Lane PS	\$	18,000									\$1,800	\$16,200				\$18,000	
A-235	Decommission Stafford Middle School PS	\$	100,000		\$100,000													\$100,000
A-237	Decommission Stafford Hospital PS	\$	100,000															\$100,000
A-238	Decommission Rowser PS	\$	100,000				\$10,000	\$90,000									\$100,000	
A-239	Decommission Wyche Ind PS	\$	100,000				\$10,000	\$90,000									\$100,000	
A-240	Decommission Aberley PS	\$	100,000															\$100,000
A-241	Decommission Autumn Ridge PS	\$	100,000		\$100,000													\$100,000

Little Falls Run Wastewater Treatment Facility Service Area

Gravity Piping																	
LFR-3	Replace 15-inch and 12-inch with 24-inch gravity main along Falls Run from 30-in	\$ 4,916,400					\$491,640	\$2,212,380	\$2,212,380					\$4,916,400			
LFR-13	Replace 15-inch with 21-inch gravity main along Potomac Creek from vicinity of Je	\$ 1,489,200	\$1,489,200											\$1,489,200			
LFR-14	Replace 18-inch and 24-inch with 27-inch gravity main along Claiborne Run from	\$ 3,347,000												\$3,347,000			
LFR-15	Replace 18-inch, 15-inch and 12-inch with 24-inch gravity main along Claiborne R	\$ 2,475,600						\$247,560	\$2,228,040					\$2,475,600			
LFR-22	Construct 15-inch gravity main from force main serving Upper Potomac Creek PS	\$ 841,000	\$42,050	\$798,950										\$841,000			
LFR-24	Construct 15-inch gravity main along Horsepen Run from Westlake Industrial Park	\$ 1,009,000	\$1,009,000											\$1,009,000			
LFR-27	Construct 12-inch gravity main along unnamed tributary to Potomac Creek from C	\$ 575,000												\$575,000			
LFR-30	Construct 12-inch gravity main along unnamed tributaries to CVA PS from HCC P	\$ 1,420,000						\$142,000	\$1,278,000					\$1,420,000			
LFR-31	Replace 15-inch with 21-inch gravity main along Falls Run from Pennsbury Court	\$ 2,258,400	\$2,258,400											\$2,258,400			
LFR-32	Construct 18-inch gravity main along Falls Run from vicinity of Averil Court to vicin	\$ 1,242,000												\$1,242,000			
LFR-34	Construct 15-inch gravity main along Potomac Creek upstream of Upper Potomac	\$ 632,000		\$632,000										\$632,000			
LFR-46	Construct 8-inch gravity main along unnamed tributary to Potomac Creek in vicini	\$ 536,400		\$536,400										\$536,400			
LFR-51	Construct 10-inch gravity main to serve future Central POA growth	\$ 294,000		\$294,000				\$29,400	\$264,600				\$294,000				
LFR-55	Construct 18-inch gravity main along Warrenton Rd from Holly Corner Rd to Poplar	\$ 1,207,200	\$1,207,200											\$1,207,200			
LFR-58	Replace 8-inch with 15-inch gravity main along Cambridge St from the FM to Mich	\$ 162,000	\$162,000					\$16,200	\$145,800					\$162,000			
LFR-59	Replace 8-inch with 10-inch gravity main from Nelms Cir to Auction Dr	\$ 1,654,800										\$165,480	\$1,489,320	\$1,654,800			
Force Mains																	
LFR-101	Construct 10-inch force main from Westlake Industrial Park PS to Falls Run interc	\$ 3,124,800	\$3,124,800											\$3,124,800			
LFR-102	Construct 8-inch force main from Upper Potomac Creek PS No. 1 to 15-inch gravit	\$ 1,933,200		\$1,933,200										\$1,933,200			
LFR-109	Construct 6-inch force main from Sherwood Forest PS to Little Falls Run WWTP	\$ 1,684,000		\$1,684,000										\$1,684,000			
LFR-120	Construct 30-inch force main from Falls Run PS to Little Falls Run WWTP	\$ 12,107,000			\$6,214,000	\$1,210,700	\$5,448,150	\$5,448,150						\$12,107,000			
LFR-129	Replace 8-inch with 16-inch force main from Potomac Creek PS	\$ 2,904,000	\$2,904,000						\$290,400	\$2,613,600				\$2,904,000			
Pumping																	
LFR-202	Construct Westlake Industrial Park PS	\$ 583,000	\$583,000											\$583,000			
LFR-204	Expand Celebrate VA PS	\$ 545,600	\$545,600								\$54,560	\$491,040		\$545,600			
LFR-209	Replace Falls Run PS	\$ 6,842,400					\$684,240	\$3,079,080	\$3,079,080					\$6,842,400			
LFR-214	Expand Claiborne Run PS	\$ 1,500,000												\$1,500,000			
LFR-215	Expand Hickory Ridge PS	\$ 118,800												\$118,800			
LFR-217	Expand Stratford Place PS	\$ 63,600	\$63,600											\$63,600			
LFR-222	Construct Upper Potomac Creek PS	\$ 392,000		\$392,000						\$6,360	\$57,240			\$392,000			
LFR-226	Expand Potomac Creek PS	\$ 1,200,000	\$1,200,000							\$120,000	\$1,080,000			\$1,200,000			
LFR-227	Expand Cannon Ridge PS	\$ 101,000												\$101,000			
LFR-228	Expand Ingleside PS	\$ 101,000								\$10,100	\$90,900			\$101,000			
LFR-229	Expand Sweetbriar Woods PS	\$ 63,000				\$6,300	\$56,700							\$63,000			
LFR-230	Decommission Day's Inn PS	\$ 100,000												\$100,000			
Master Plan (divided equally between water zones/sewersheds)		56,843		56,843										56,843			
Total ProRata Projects (including Master Plan)		\$7,155,239	\$26,804,746	\$10,192,650	\$8,841,843	\$1,943,340	\$9,873,930	\$9,680,030	\$11,790,420	\$6,862,280	\$10,593,810	\$892,350	\$2,570,940	\$593,650	\$5,342,846	\$60,143,596	\$37,011,643

[illegible]

Total - All Sewer Projects	\$4,377,340	\$13,573,930	\$13,270,030	\$18,690,420	\$19,972,280	\$12,563,810	\$6,474,563	\$8,185,128	\$3,339,030	\$10,514,008	\$110,960,539	\$37,011,643
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Courthouse Area Development- Court Building Alternatives Review/Update Meeting Schedule

Date	Time	Group	Location
4/23	1:00	Sponsor Group	ABC Conf Room (Review of alternatives) (Complete)
4/23	2:00	Court Users Group	ABC Conf Room (Review of alternatives) (Complete)
5/1	1:30	Infrastructure Committee	ABC Conf Room (Review of schedule and alternatives)
Week of May 21(Tentative)		Sponsor Group	TBD (Review of Proposed alternatives)
Week of May 21(Tentative)		Court Users Group	TBD (Review of Proposed alternatives)
6/5	1:30	Infrastructure Committee	ABC Conf Room (Presentation of Proposed Alternative)
6/5	3:00	Board of Supervisors	Board Chambers (New Business Presentation of Proposed Alternative)
6/19	3:00	Board of Supervisors	Board Chambers (Old Business Approval of Proposed Alternative)