



Bedford
Regional
Water Authority

Unsolicited PPEA

BEDFORD REGIONAL WATER AUTHORITY (BRWA)

IVY CREEK INTERCEPTOR DIVISIONS 5 and 6

VOLUME I

ENGLISH

Since 1909

English Construction Company, Inc.



HURT & PROFFITT

in association with Hurt & Proffitt, Inc.

615 Church Street, Lynchburg, VA 24504

434-845-0301 | www.englishconst.com

Due Date: July 7, 2020 at 4:00 p.m.

ENGLISH

ESTABLISHED 1969

615 Church Street, Lynchburg, Virginia 24504

P. O. Box P-7000, Lynchburg, Virginia 24505

Tel: (434) 845-0301 Fax: (434) 845-0306

July 7, 2020

Bedford Regional Water Authority
1723 Falling Creek Road
Bedford, Virginia 24523

Attention: Rhonda B. English, PE, Director of Engineering

RE: Unsolicited PPEA
Ivy Creek Interceptor Divisions 5 and 6

Dear Ms. English:

English Construction Company, Inc. in association with Hurt & Proffitt, Inc. is pleased to submit an unsolicited PPEA Proposal to the Bedford Regional Water Authority (BRWA) for the Ivy Creek Interceptor Divisions 5 and 6 project under the Bedford County, Virginia Public-Private Educational Facilities and Infrastructure Act of 2002 as well as the Route 460 Pump Station.

Enclosed you will find twelve (12) bound hard copies of Volume I (non-proprietary) and (1) compact disc PDF format; (12) bound hard copies of Volume II (*confidential and proprietary*) and (1) compact disc PDF format of our proposal. This proposed project qualifies as a PPEA project candidate as a utility infrastructure project.

English is requesting that the BRWA protect certain material as confidential and proprietary information as permitted pursuant to subdivision 11 of Section 2.2-3705.6 of the Freedom of Information Act (FOIA). We are invoking protection in accordance with Section II D.1.c. of the Commonwealth of Virginia Guidelines and Procedures, revised January 17, 2008 which states "Other information submitted by a private entity, where if the record or document were made public prior to the execution of an Interim or Comprehensive agreement the financial interest or bargaining position of the public or private entity would be adversely affected". This information includes the entire Volume II. Information in Volume II is sealed and labeled as such.

Sincerely,

ENGLISH CONSTRUCTION COMPANY, INC.



Henry G. Myers
Vice President | Executive-in-Charge

/ch
Enclosures

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Tab 1 - Qualifications and Experience

Tab 1 - Qualifications and Experience

i. - Identify the legal structure of the entity or consortium of entities making the proposal. Identify the organizational structure for the project, the management approach and how each entity in the structure fits into the overall team.

English Construction Company, Inc. (“English Construction”) will serve as the design builder/prime contractor on the project and will be the BRWA’s primary point of contact. English will lead the Construction Team and will be responsible for the overall performance and quality of the work. English Construction is a Class “A” licensed Contractor in Virginia and several other states. English’s experienced staff will work with the Design Team of Hurt and Proffitt and our quality subcontractors to ensure the project meets all design and operational parameters.

Hurt and Proffitt, Inc. (“H&P”) will provide planning and engineering services for the project and will serve as the Design Team. H&P provides a broad spectrum of engineering services with noteworthy experienced in designing water and wastewater treatment facilities. Their scope of services includes concept planning, design, permitting, inspection, and commissioning services. H&P’s experienced and knowledgeable staff ensures a successful project.

Organizational Structure

Henry G. Myers, Vice President/Executive-in-Charge | English Construction

Henry’s role will be to ensure expectations are exceeded and project goals are being met. He will serve the County as the executive point of contact and will work directly with the English and H&P project team in planning and executing the project. Henry will lead the project team throughout the entire design, procurement, and construction phases of the project. Henry has demonstrated success on water and wastewater facilities, and he will provide support as needed to address project issues and challenges should they arise. While Henry will maintain executive oversight of the project, Pipeline Construction Project Manager, Clu Pettyjohn and Pump Station Construction Project Manager Kayne Foutz will have full authority regarding decision making and the allocation of English resources during construction.

Brian Cossman, PE, CCM, PMP, Design Principal-in-Charge | H&P

Brian is a Vice President with H&P and has over 15 years of wastewater related engineering design and project management experience. Brian’s expertise for this project lies in system funding, construction/contract administration, and total project management. He has experience in the design of water and sewer systems, including layout, modeling, sizing of utilities, pump station design, water tank design, and engineering studies. He specializes in applications and support work required to obtain grants and no- and low-interest loans for capital improvement projects, with successful applications for over \$50 million dollars for municipal clients in the past few years.

Clunet “Clu” Pettyjohn, Construction Project Manager – Ivy Creek Interceptor | English

Clu will serve as Project Manager and will lead the project team throughout the entire design, procurement, and construction phases of the project. Clu will be responsible for establishing and maintaining clear and open lines of communication between the Project Team and the Owner to ensure that all project information is shared on a consistent and timely basis. Clu will be responsible for managing all subcontractors and suppliers and ensuring that they have sufficient manpower and skilled tradesmen to meet the project’s quality and schedule requirements. He will be responsible for coordination of the work, quality control, and most importantly, adhering to the project documents and guaranteeing that the project team meets the project’s objectives for cost, quality, and schedule.

Anthony Gooding, Project Superintendent – Ivy Creek Interceptor| English

Anthony will work alongside Clu Pettyjohn to ensure that schedules are properly updated, and that the project meets required timelines, quality control and safety procedures throughout the duration of the project.

Dennis Amos, PE, Wastewater Task Manager | H&P

Dennis has successfully completed numerous utility projects that have involved the coordination of multiple utility owners within VDOT rights-of-way on complex projects such as this one. His portfolio includes the installation of numerous miles of water and wastewater infrastructure which routinely requires coordination between natural gas, telephone, electric and fiber optic providers among others.

Abram “Kayne” Foutz, Construction Project Manager – Pump Station | English

Kayne will serve as Project Manager of the Route 460 Pump Station and will lead the project team throughout the entire design, procurement, and construction phases of the project. Kayne will be responsible for establishing and maintaining clear and open lines of communication between the Project Team and Bedford County to ensure that all project information is shared on a consistent and timely basis. Kayne will also be responsible for managing all subcontractors and suppliers and ensuring that they have sufficient manpower and skilled tradesmen to meet the project’s quality and schedule requirements. He will be responsible for coordination of the work, quality control, and most importantly, adhering to the project documents and guaranteeing that the project team meets the project’s objectives for cost, quality, and schedule.

James Eggleston, Project Superintendent – Pump Station| English

For this project, James will work alongside Kayne Foutz to ensure that schedules are properly updated, and that the project meets required timelines, quality control and safety procedures throughout the duration of the project.

Matthew Gross, PE, Utility Engineer - Pump Station | H&P

Matthew’s pump station design experience includes the evaluation, design, equipment selection, preparation of construction documents, construction management, start-up, and operational assistance. As part of this water and wastewater experience, he has developed specific expertise with pumps and pumping systems.

Scott Cramer, PE, Utility Engineer – Ivy Creek Interceptor | H&P

Scott's responsibilities for this project include site design, drafting, CAD drafting, land surveying, and consulting services for institutional, commercial, and municipal construction projects.

Chuck Newman, PE, Geotechnical Task Manager | H&P

Chuck's responsibilities include executing studies, reports, and explorations for proposed developments, retaining walls, infrastructure, bridges and structures, and monitoring of construction phase for various commercial, municipal and private construction projects.

Ben Leatherland, PWD, Environmental Task Manager | H&P

Ben is responsible for project management, wetland delineation, stream assessment, erosion and sediment control, NEPA/SEPA environmental review, Section 404/401 water quality permitting, stream and wetland restoration/enhancement (natural channel design), Phase I environmental site assessment (ESA), business development, QA/QC review, and groundwater sampling.

Mike Wilson, PE, Water Task Manager | H&P

Mike's engineering responsibilities include project management, designing and monitoring project infrastructure / construction, review of site plans and construction drawings, and creating documents for municipal sanitary sewer and water main projects.

Adam Bryant, LS, Survey Task Manager | H&P

Adam's experience is well-rounded working in all facets and on various projects and has managed projects involving GPS control networks, route surveys, boundary surveys, ALTA/ACSM surveys, subdivisions and topographic surveys for engineer design.

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Ken Meritt, PG, PE, Inspections Task Manager | H&P

Ken has years of experience in the geotechnical, environmental and construction fields. Ken's geotechnical experience includes laboratory and field soils testing, laboratory and field concrete testing, subsurface drilling investigations, earthwork evaluation and suitability studies, flexible and rigid pavement design, retaining wall and slope stability studies, allowable soil bearing pressures, determination for foundation design, and geotechnical report preparation. Ken also has extensive environmental experience which includes all Phase I, II, and III Environmental Site Assessments.

Chris Nixon, Industrial Hygiene Task Manager | H&P

Chris has extensive experience as an industrial hygienist providing indoor air quality assessments for microbiological agents, methamphetamines and multitudes of other unknown chemicals. He broadens our abilities to provide OSHA compliance monitoring for industrial / manufacturing facilities. He further provides expertise to Hurt & Proffitt, developing Phase I, II and III Environmental Site Assessments, air permitting, Army Corp. of Engineers and DEQ related permitting activities for water and soils contamination.

Melvin “Tony” Reeves, Materials Testing Task Manager | H&P

Tony has also worked on numerous educational projects, ranging from primary to secondary to college / university settings, and many sub-division street projects which include inspection and testing of subgrades, base stone and asphalt paving; reviewed plans, supervised technicians, and performed inspections and materials testing on numerous large private projects with the State.

ii. - Describe the experience of the entity or consortium of entities making the proposal, the key principals and project managers involved in the proposed project, including experience with projects of comparable size and complexity, including prior experience bringing similar projects to completion on budget and in compliance with design, land use, service and other standards. Describe the length of time in business, business experience, public sector experience and other engagements of the entity or consortium of entities.

English Construction is a fourth-generation family-owned business. Over the last century, English has grown steadily, adding advanced skills, resources, and technology to embrace new opportunities along the way. Areas of expertise have expanded through the years to include courthouse and correctional facilities, power plants, water and wastewater treatment facilities, public safety, factories, highways and bridges, and historic renovations.

English is a multi-disciplined construction firm that is licensed to operate in eight states in the southeast with primary work in Virginia, North Carolina, and South Carolina. English maintains a staff of 600 employees forming construction and support teams that, under the leadership of 120 tenured personnel, have supported as many as 40 concurrent projects. English takes pride in providing their clients with quality service during all phases of a construction project. Their experience as a design builder/construction manager/general contractor allows the company to serve their clients through traditional procurement methods. In a constantly changing market, English can tailor their way of doing business and expand their services to facilitate their client’s individual needs. English is a proven leader in PPEA, PPTA, and design-build projects throughout the Mid-Atlantic. English has presented a benchmark of excellence and diversity in construction. An additional list of accomplishments includes:

- Involvement in more public-private partnerships than any Virginia contractor;
- Over 100 years in business... always family-owned;
- Utility line work and treatment plant work
- Experts in excavation and site preparation;
- Extensive experience with historic renovations and restorations;
- Completed work in eight states throughout the Mid-Atlantic and Southeast;
- One of the largest equipment fleets in the Mid-Atlantic region;
- Solid financial standing with same bonding company and workers’ compensation insurance company for more than 80 years.

English Construction in association with H&P will work very hard as a team to provide BRWA with a project that meets their specific need, function, appearance and within their proposed budget. English has

been successful in that endeavor as we collaborate with the Owner from day one and communicate throughout the project to ensure we meet or exceed their expectations. A number of our projects have provided savings to past Owners at completion and we have no legal claims on any of our projects. The members of this Design-Build team have the necessary experience in public-private partnerships, design and construction to provide guarantees and warranties to the satisfaction of BRWA and prospective credit enhancers. The projects submitted as references required various forms of performance and financing guarantees to include performance and payment bonds, liquidated damages and parent guarantees from English. Normal and customary warranties of twelve months for material, equipment and installation are included, however, English Construction has returned to a project long after the warranty has expired to assist the Owner with any defect or equipment warranty to ensure satisfaction.

Bonding Capacity and Insurance Coverages

English Construction has been a valued client of Travelers Casualty and Surety Company of America for over sixty years. Travelers Casualty and Surety Company of America is licensed to transact surety business in all 50 states and is listed on the United States Department of Treasury list of acceptable surety companies. Travelers Casualty and Surety Company of America carries an A.M. Best rating of A++ and has a Financial Size Category of XV. If additional information is needed, please contact Kerry R. Wortzel, Account Executive 804-956-9284.

H&P is a full service, employee-owned engineering and surveying firm providing a comprehensive array of services. The firm maintains a versatile, highly-qualified staff of over 140 employees, including professional engineers, surveyors, environmental scientists, field crews and administrative staff working in 10 departments including civil engineering, surveying, GIS, environmental, geotechnical, construction testing & inspections, industrial hygiene, CCTV pipeline inspections, grant writing/administration and cultural resources.

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H&P is a SWaM certified small business – #9824S – with the Commonwealth of Virginia’s Department of Small Business and Supplier Diversity and a Federal Small Business through the U.S. Small Business Administration (SBA).

H&P’s ability to respond quickly and cost-effectively, connecting across markets and disciplines, gives them an unparalleled ability to innovate. They thrive on collaborating with their clients, communities, and colleagues to create quality work every time. H&P’s high standards, expertise, and work ethic have led to successful partnerships with clients, municipalities, and regulatory agencies. H&P’s Materials Testing Laboratory is AASHTO resource (formerly AMRL) and Cement & Concrete Reference Laboratory (CCRL) certified.

Funding

Hurt & Proffitt routinely assists local municipalities with securing grants and loans to fund capital projects, while helping their clients move through each phase of environmental regulatory analysis and any required regulatory process. During the past five years their funding experts have secured over \$60 million in grants and low interest loans.

iii. - Provide the name, prior experiences, addresses, telephone numbers and e-mail addresses of persons within the entity or consortium of entities who will be directly involved in the project or who may be contacted for further information.

Henry G. Myers, Executive-in-Charge
English Construction Company, Inc.
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615 Church Street (24504)
Lynchburg, VA 24505
Telephone: 434-845-0301 | Facsimile: 434-845-0306
Email: hmyers@englishconst.com

Brian Cossman, PE, CCM, PMP
Principal-in-Charge
Hurt and Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
Telephone: 434-522-7679 | Fax: 434-847-0047
Email: bcossman@handp.com

iv. - Provide a current or most recently audited financial statement of the firm or firms and each partner with an equity interest of twenty percent or greater.

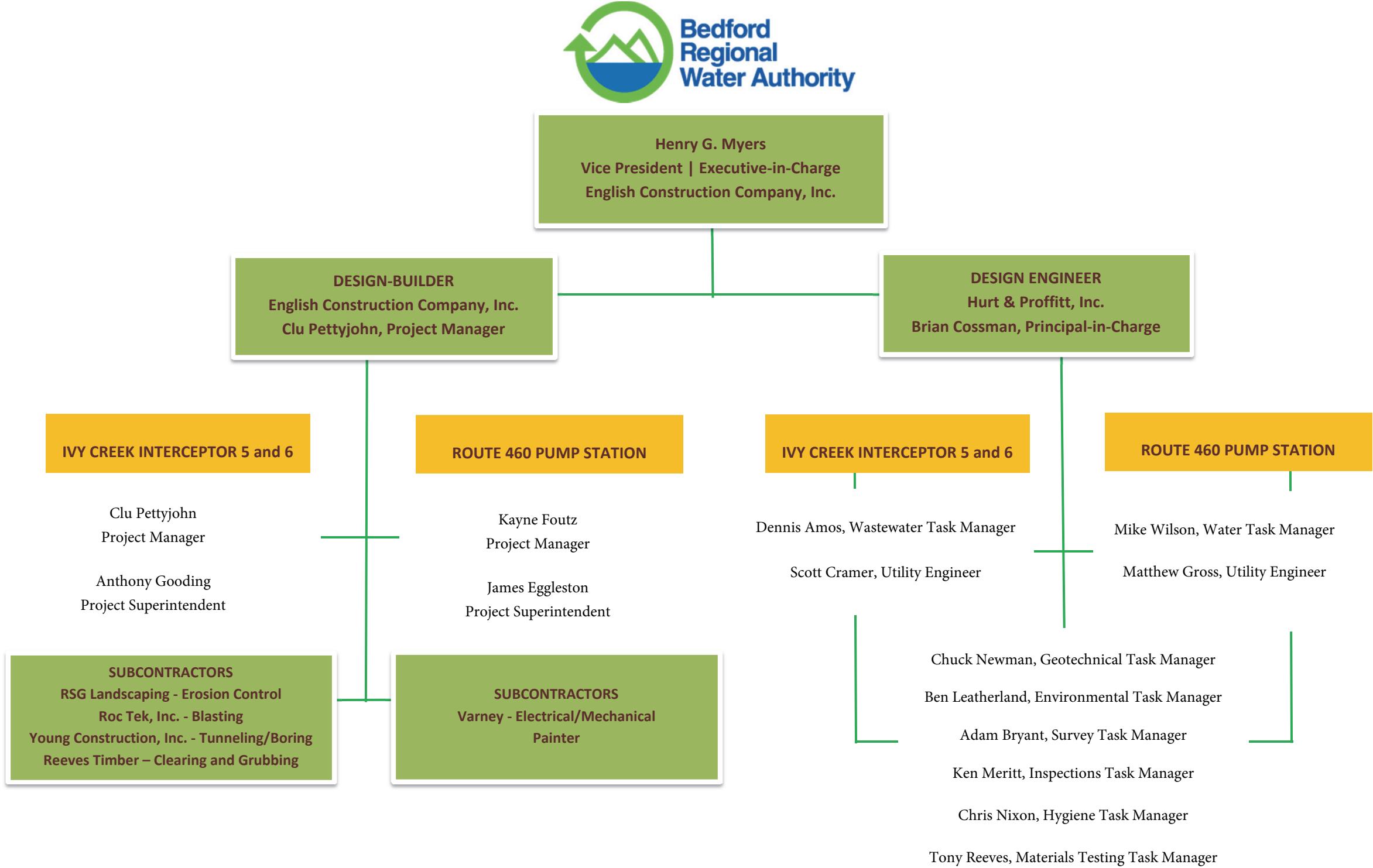
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It is not anticipated that any team members will have equity interest in the proposed project. Therefore, no financial statements are provided at this time.

v. - Identify any persons known to the proposer who would be obligated to disqualify themselves from participation in any transaction arising from or in connection to the project pursuant to the Virginia State and Local Government Conflict of Interest Act, Va. Code §2.2-3100 through §2.2-3131, as amended (“VSLGCIA”).

No persons are known to the proposer who would be obligated to disqualify themselves from participation in any transaction arising from the Virginia State and Local Government Conflict of Interest Act, Va. Code §2.2-3100 through §2.2-3131, as amended (“VSLGCIA”).

TEAM ORGANIZATIONAL CHART





Henry G. Myers

VICE PRESIDENT / PROJECT EXECUTIVE

Henry Myers joined English in June 1998 after completing his Bachelor's degree at the University of Virginia in Civil Engineering. He brings 22 years of construction experience and has been involved in all aspects of construction from field engineer, project coordinator, superintendent and presently executive project manager and vice president /utilities division manager. Henry has worked on a variety of projects where his organizational and problem-solving skills have proven valuable in bringing projects to successful completion. He has also delivered a variety of projects using various procurement methods including Design-Build, negotiated, and competitive bid.

Henry's experience as executive manager will provide invaluable experience in terms of knowing the necessary steps required for reviews, the time-lines required for reviews, inspections and other critical tasks. His experience on water and wastewater projects has helped him understand the critical aspects of working around municipal facilities, with regard to grading, infrastructure, regulatory requirements, etc.

FIRM

English Construction

EDUCATION

Masters of Business
Administration, Lynchburg
College, 2005 graduate

Bachelor of Science Civil
Engineering, University of
Virginia, 1997 graduate

YEARS EXPERIENCE

22+

CERTIFICATIONS

Class A Contractor's License in
Virginia and North Carolina
Member of American Society of
Civil Engineers
OSHA 30 Hour

Contact Information:

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hmyers@englishconst.com

PROJECT EXPERIENCE:

- NRRF Bioenergy #6 & #8, Raleigh, NC
- Mitchell WTP Improvements, Greensboro, NC
- Triangle WWTP Improvements Durham, NC
- City of Lynchburg WWTP CSO Reduction Improv., Lynchburg, VA
- Carvins Cove WTF Filter Upgrade, Roanoke, VA
- Town of Strasburg Wastewater Treatment Plant, Strasburg, VA
- City of Lynchburg Utility and Streetscape Project, Lynchburg, VA
- E. M. Johnson WTP Flocculation & Sedimentation Pilot, Raleigh, NC
- City of Richmond Water Treatment Plant-Sedimentation Basin Improvements, Richmond, VA
- Catlett-Calverton WWTP, Fauquier County, VA
- Town of Broadway WTP and System Improvements, Broadway, VA
- E. M. Johnson Clearwell Rehab, Phase 1, Raleigh, NC
- Bealeton WTP, Fauquier County, VA
- Bland WWTP Upgrade for VA Dept. of Corrections, Bland, VA
- North River WWTF Aeration Improvements, Harrisonburg/Rockingham, VA
- Steele Creek PS Replacement Project, Charlotte, NC
- City of Emporia WTP Solids Handling Facility Modifications, Emporia, VA
- City of Richmond – Effluent Filter Rehab, Phase II, Richmond, VA
- City of Richmond CSO #14 – Solids & Floatable Control Reg., Richmond, VA
- City of Richmond – Effluent Filter Rehab., Richmond, VA
- Henry L. Lanum, Jr. Water Filtration Plant Technology Upgrade, Amherst, VA
- Coeburn Norton Wise Wastewater Treatment Plant Expansion, Coeburn, VA
- Blacksburg VPI Sanitation Authority UV Disinfection & Capital Improvements, Blacksburg, VA
- County of Buckingham Water Treatment Plant, Dillwyn, VA
- North Fork Regional Pump Station and Camelot Pump Station, Charlottesville, VA
- Reedy Fork Wastewater Pumping Station, Kernersville, NC
- Tanglewood Pump Station, Campbell County, VA

Henry Myers (cont.)

- Powhatan Correctional Center Wastewater Treatment Plant Upgrade, State Farm, VA
- Town of Grottoes Wastewater Treatment Plant, Grottoes, VA
- C. N. Chitty Booster Pumping Station Electrical & Pump Upgrades, Winston-Salem, NC
- Richmond Wastewater Treatment Plant, Nutrient Reduction Program Contract 5, Richmond, VA
- Charles City Road Sewage Pumping Station, Henrico County, VA
- Clifton Forge Wastewater Treatment Plant, Clifton Forge, VA
- Neuse River Wastewater Treatment Plant Expansion to 75 MGD, Blower Expansion, Contract 1, Raleigh, NC
- South Church Street Water Treatment Facility, Smithfield, VA
- Parham Landing Wastewater Treatment Plant Upgrade, New Kent County, VA
- Nutrient Removal Upgrade Project, Lexington-Rockbridge Regional WQCF, Lexington, VA
- Fredericksburg Wastewater Treatment Plant Upgrade, Fredericksburg, VA
- Orange County Wastewater Treatment Plant Upgrades, Culpeper, VA
- Westside Wastewater Treatment Plant Upgrades, High Point, NC
- Town of Front Royal Water Treatment Plant Upgrades, Front Royal, VA
- Mt. Jackson Wastewater Treatment Plant, Mt. Jackson, VA
- Middle River Wastewater Treatment Plant Upgrades, Verona, VA
- Town of Lovettsville Wastewater Treatment Plant Upgrades, Lovettsville, VA
- Clevengers Village Water Treatment Plant and Clevengers Village Well and Pump Installations, Culpeper County, VA
- St. Brides Correctional Center Wastewater Treatment Plant Upgrade, Chesapeake, VA
- Chatham Wastewater Treatment Plant, Chatham, VA
- Moore's Creek Influent Screen Facility, Charlottesville, VA
- Moneta Wastewater Treatment Plant & Collection System, Moneta, VA
- Task Order 5 – Main Plant Improvements Lower Potomac Pollution Control Plant, Fairfax Co., VA
- Smith Mountain Lake Development Linework; Bridgewater Bay, Lake Watch, Mariner's Landing, Bedford & Franklin Counties, VA
- Deerfield Correctional Facility Wastewater Treatment Plant, Capron, VA



Clunet “Clu” Pettyjohn

PROJECT MANAGER – IVY CREEK INTERCEPTOR

With over 28 years of experience in the construction industry, Clu Pettyjohn is one of English’s most diverse project managers. Clu brings a wealth of on-site and in-office experience working on a vast array of transportation and building construction projects.

Clu will be responsible for establishing and maintaining clear and open lines of communication between the Project Team and the Authority to ensure that all project information is shared on a consistent and timely basis.

Clu’s experience working on numerous projects involving CSO and water and sewer contracts make him the “front runner” when it comes to project management. He has overseen projects that demanded the complex coordination for traffic, safety, phasing and staging. Mr. Pettyjohn brings a strong resume of on-site project management experience, quality control and superintendent duties, while his in-house experience has been focused on estimating, scheduling and budgeting.

FIRM

English Construction

EDUCATION

Hampden-Sydney College,
Farmville, VA, 1992

YEARS EXPERIENCE

28+

CERTIFICATIONS

First Aid and CPR
Responsible Land Disturber
Erosion and Sediment Control
Contractor Certification
Program
OSHA 30 Hour Training
OSHA 10 Hour Training

Contact Information:

English Construction Co., Inc.
615 Church Street (24504)
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Lynchburg, Virginia 24505
Phone: 434-845-0301, Ext. 131
Fax: 434-845-0306
cpettyjohn@englishconst.com

PROJECT EXPERIENCE:

- Main Street Renewal, City of Lynchburg, VA
- VA Tech Airport, Blacksburg, VA
- NCDOT NC-125 Roanoke Rapids, Halifax Co., NC
- City of Lynchburg Waterline & Streetscape, Lynchburg, VA
- Highland Pellet Project, Pine Bluff, AR
- Virginia Tech, Relocated VT Dairy Sitework, Blacksburg, VA
- Longwood University North Campus Housing, Farmville, VA
- Western State Hospital, Staunton, VA
- Kemper Street Bridge, City of Lynchburg, Lynchburg, VA
- Route 712 Lunenburg Co. Bridge Replacement over North Meherrin River, VDOT, Lunenburg, VA
- Route 720 to Hockman Pike, Tazewell Co., VDOT, Tazewell, VA

PRIOR ENGLISH EXPERIENCE

- 5 Years - Multiple Lynchburg City CSO projects Annual Water and Sewer Contract, City of Lynchburg, VA
- 2 Years – Annual Storm Sewer Contract, City Of Charlotte, NC
- Utility Relocation for Upgrade at Areva, NP, Lynchburg, VA
- Water Treatment Facility, Amherst, VA
- Waterline Upgrades throughout the Town of Amherst, VA
- Waste Water Treatment Facility for Town of Palmyra, VA
- Wastewater Treatment Plant – Areva NP, Lynchburg, VA
- Sitework – Walmart Store, Lynchburg, VA
- Enviva Pellet Plant – Ahoskie, NC
- Mount Rogers Correctional Facility, Grayson County, VA
- Waste Water Treatment Facility, Middleburg, VA
- Route 29 Waterline in Nelson County, VA
- Center for Advanced Engineering & Research (CAER) Facility Sitework and Utilities, New London, VA
- Sitework at Sheetz Store, Forest, VA
- Leesville Landscape Supply Store, Lynchburg, VA



Abram "Kayne" Foutz

PROJECT MANAGER – PUMP STATION

Kayne has over 25 years of experience in the construction field including 10 years of experience serving as a project manager specializing in construction of water / wastewater projects and commercial buildings. Kayne will serve as Project Manager of the *Route 460 Pump Station* and will lead the project team throughout the entire design, procurement, and construction phases of the project.

FIRM

English Construction

EDUCATION

Associates Degree in
Architecture, CVCC, Lynchburg,
VA

Bachelor's Degree in Civil
Engineering, Old Dominion
University, Norfolk, VA

YEARS EXPERIENCE

25+

CERTIFICATIONS

ACI – Concrete Field Technician
OSHA 30 Hour
C.P.R.

Contact Information:

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kfoutz@englishconst.com

Kayne will also be responsible for managing all subcontractors and suppliers and ensuring that they have sufficient manpower and skilled tradesmen to meet the project's quality and schedule requirements. He will be responsible for coordination of the work, quality control, and most importantly, adhering to the project documents and guaranteeing that the project team meets the project's objectives for cost, quality, and schedule.

PROJECT EXPERIENCE:

- Lynchburg WWTP CSO Project, City of Lynchburg, VA (Sub to PC Construction)
- Steele Creek Pump Station Replacement Project, Charlotte, NC
- City of Richmond WTP Sedimentation Basin Improvements, Richmond, VA
- City Fredericksburg Dewatering Project, Fredericksburg, VA
- City of Richmond CSO #14 Solids & Floatable Control Regulatory Project, Richmond, VA
- City of Richmond WWTP Effluent Filter Rehab, Phase 2 Project, Richmond, VA
- City of Fredericksburg Dewatering Project, Fredericksburg, VA
- Rappahannock Regional Jail Kitchen and Roof Renovations, Stafford, VA
- Walker Grant | Fredericksburg Public Schools, Fredericksburg, VA
- Nutrient Removal Upgrade Project, Lexington-Rockbridge Regional WQCF, Lexington, VA
- Clifton Forge Wastewater Treatment Plant, Clifton Forge, VA
- Longwood University Residence Halls, Farmville, VA
- Liberty University Residence Halls, Lynchburg, VA
- Averett University Pritchett Hall, Danville, VA

PROJECT COORDINATOR ON THE FOLLOWING PROJECTS:

- Middle River Wastewater Treatment Plant Upgrades, Verona, VA
- Cosby Road High School, Chesterfield Co., VA



Anthony E. Gooding

PROJECT SUPERINTENDENT – IVY CREEK INTERCEPTOR

Anthony has been a part of the English team for over 26 years. Since joining English in 1994, he has been heavily involved in numerous utility projects as superintendent.

He brings a vast amount of knowledge and understanding of site specific procedures, safety and health requirements.

For this project, Anthony will work alongside Clu Pettyjohn to ensure that schedules are properly updated, and that the project meets required timelines, quality control and safety procedures throughout the duration of the project.

FIRM

English Construction

EDUCATION

Keystone Job Core, Pennsylvania

YEARS EXPERIENCE

34+

CERTIFICATIONS

VTCA/VDOT Erosion and
Sediment Control Contractor
Certification

First Aid and CPR

Responsible Land Disturber

Erosion and Sediment Control
Contractor Certification
Program

OSHA 10 Hour Training

OSHA 30 Hour Training

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agooding@englishconst.com

PROJECT EXPERIENCE:

- Main Street Renewal, City of Lynchburg, VA
- Steele Creek Pump Station Replacement, Charlotte, NC
- Town of Strasburg, VA WWTP, Strasburg, VA
- Phase I Tinker Creek Sanitary Sewer Interceptor Improvements, Daleville, VA
- Moneta Wastewater Treatment Plant & Collection System, Moneta, VA
- Clevengers Village Water Treatment Plant and Well Pump Installations, Culpeper County, VA
- County of Buckingham Water Treatment Plant, Dillwyn, VA
- Henry L. Lanum, Jr. Water Filtration Plant Technology Upgrade, Amherst, VA
- Town of Orange Wastewater Treatment Plant, Orange, VA
- C-N-W Regional Wastewater Treatment Plant Expansion, Wise County, VA
- Richmond Wastewater Treatment Plant, Nutrient Reduction Program Contract 5, Richmond, VA
- North Fork Regional Pump Station and Camelot Pump Station, Charlottesville, VA
- Nutrient Removal Upgrade Project, Lexington-Rockbridge Regional WQCF, Lexington, VA
- Mt. Jackson Wastewater Treatment Plant, Mt. Jackson, VA
- Middle River Wastewater Treatment Plant Upgrades, Verona, VA
- Clifton Forge Wastewater Treatment Plant, Clifton Forge, VA



FIRM

English Construction

EDUCATION

Clover Hill High School,
Clover Hill, VA

YEARS EXPERIENCE

33+

CERTIFICATIONS

Erosion and Sediment Control
Contractor Certification
Permit Required Confined Space
Competent Person
Trenching Competent Person
Scaffold Competent Person
OSHA 10 Hour Training
OSHA 30 Hour Training

Contact Information:

English Construction Co., Inc.
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jeggleston@englishconst.com

James E. Eggleston

PROJECT SUPERINTENDENT – PUMP STATION

James has been a part of the English team for over 26 years. Since joining English in 1994, he has been heavily involved in numerous utility pump station projects as superintendent.

For this project, James will work alongside Kayne Foutz to ensure that schedules are properly updated, and that the project meets required timelines, quality control and safety procedures throughout the duration of the project.

PROJECT EXPERIENCE:

- City of Lynchburg WWTP CSO Reduction Improv., Lynchburg, VA
- Steele Creek PS Replacement, Charlotte, NC
- Town of Strasburg Wastewater Treatment Plant, Strasburg, VA
- Richmond Wastewater Treatment Plant, Nutrient Reduction Program Contract 5, Richmond, VA
- County of Buckingham Water Treatment Plant, Dillwyn, VA
- Neuse River Wastewater Treatment Plant Expansion to 75 MGD, Blower Expansion, Contract 1, Raleigh, NC
- North Fork Regional Pump Station and Camelot Pump Station, Charlottesville, VA
- South Church Street Water Treatment Facility, Smithfield, VA
- Henry L. Lanum, Jr. Water Filtration Plant Technology Upgrade, Amherst, VA
- Parham Landing Wastewater Treatment Plant Upgrade, New Kent County, VA
- Orange County Wastewater Treatment Plant Upgrades, Culpeper, VA
- Westside Wastewater Treatment Plant Upgrades, High Point, NC
- Middle River Wastewater Treatment Plant Upgrades, Verona, VA
- Town of Lovettsville Wastewater Treatment Plant Upgrades, Lovettsville, VA
- Chatham Wastewater Treatment Plant, Chatham, VA
- Moneta Wastewater Treatment Plant & Collection System, Moneta, VA
- Deerfield Correctional Facility Wastewater Treatment Plant, Capron, VA
- New London Pump Station, Forest, VA
- Clarksville Water Treatment Plant, Clarksville, VA
- Task Order 5 – Main Plant Improvements Lower Potomac Pollution Control Plant, Fairfax Co., VA
- Smith Mountain Lake Development Linework; Bridgewater Bay, Lake Watch, Mariner's Landing
- Bedford & Franklin Counties, VA



Brian Cossman, PE

DESIGN PRINCIPAL-IN-CHARGE

Brian is a licensed professional engineer with experience in electrical, civil, and mechanical engineering. His expertise lies in system funding, construction/contract administration, and total project management. He has experience in the design of water and sewer systems, including layout, modeling, sizing of utilities, pump station design, water tank design, and engineering studies. He specializes in applications and support work required to obtain grants and no- and low-interest loans for capital improvement projects, with successful applications for over \$50 million dollars for municipal clients in the past few years.

Brian is the only private consulting engineer on the Drinking Water State Revolving Loan Fund Committee charged with maximizing the public health benefits of this Program to our waterworks and the citizens of Virginia. He is also on the University of Richmond Advisory Board directing the Professional Certificate Programs.

PROJECT EXPERIENCE:

Louisa County Water Authority WTP Nanofiltration Upgrade

Louisa County, VA | Project Manager

Maury Service Authority Transmission System Upgrade

Lexington, VA | Project Manager

Fauquier County Catlett/Calverton Wastewater System Upgrade – Owners Rep

Fauquier County, VA | Project Manager

Town of Boones Mill WWTP Influent Pump Station Replacement

Franklin County, VA | Project Manager

Town of Goshen Water System Replacement

Rockbridge County, VA | Project Manager

Appomattox County Route 460 Water Line Extension

Appomattox County, VA | Project Manager

Town of Charlotte Court House Water System Replacement

Charlotte County, VA | Project Manager

FIRM

Hurt & Proffitt

EDUCATION

B.S. | University of Dayton |
Engineering Technology
Electrical Engineering | 1996

Master of Engineering | Project
Management | University of
Maryland | 2009

YEARS EXPERIENCE

Years with H&P: 14
Years of Experience: 24

REGISTRATIONS

Professional Engineer:

VA 039637 | 2004

NC 043344 | 2016

WV 21323 | 2015

MD 05-54762 | 2018

PA 089284 | 2018

GA 045103 | 2019

TX 135925 | 2019

Master Electrician:

VA 041042 | 2003

LEED Accredited Professional
| 2008

Project Management

Professional | 2013

Certified Construction Manager |
2016

Confined Space Entrant

Contact Information:

Hurt & Proffitt, Inc.

2524 Langhorne Road

Lynchburg, VA 24501

bcossman@handp.com

434.546.3325



Dennis Amos, PE

WASTEWATER TASK MANAGER

Dennis began his career with the West Virginia Department of Transportation, prior to moving to private sector engineering. He has been with Hurt & Proffitt, Inc. since 2005. His experience includes work with water and sewer systems, transportation systems, and hydraulic analysis. He brings extensive knowledge of funding requirements and governmental regulations.

FIRM

Hurt & Proffitt

EDUCATION

B.S. | West Virginia University |
Civil Engineering | 1998

YEARS EXPERIENCE

Years with H&P: 15
Years of Experience: 22

REGISTRATIONS

Professional Engineer:
VA #00405041520 | 2005
WV #015419 | 2002

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
damos@handp.com
540.831.9564

Dennis has worked with numerous localities, including Smyth County, on multifaceted utility projects. Many of these projects have included the need to coordinate work within VDOT rights-of-way. The ability to coordinate with multiple utility owners and VDOT is key to a successful project.

Dennis has successfully completed numerous utility projects that have involved the coordination of multiple utility owners within VDOT rights-of-way on complex projects such as this one. His portfolio includes the installation of numerous miles of water and wastewater infrastructure which routinely requires coordination between natural gas, telephone, electric and fiber optic providers among others.

PROJECT EXPERIENCE:

Greenwich Drive Sewer Replacement – Western Virginia Water Authority
Roanoke, VA | Project Manager

City of Lexington Woods Creek Interceptor
Lexington, VA | Project Manager

South Fork Reed Creek Sewer Replacement
Rural Retreat, VA | Project Manager

Gravity Sewer and Main Pump Station – Floyd County Public Service Authority
Floyd, VA | Project Manager

Town of Pearisburg Water & Wastewater System Improvements
Giles County, VA | Project Manager

Bland County Wastewater System Improvements
Bland, VA | Project Manager



FIRM

Hurt & Proffitt

EDUCATION

B.S. | Virginia Polytechnic
Institute & State University |
Civil Engineering | 1997

YEARS EXPERIENCE

Years with H&P: 23
Years of Experience: 23

REGISTRATIONS

Professional Engineer:
VA #0402036447 | 2002

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
mgross@handp.com
540.641.0574

Matthew Gross, PE

UTILITY ENGINEER(PUMP STATION)

Matthew has a wide range of experience in environmental, water, and wastewater systems. He has both designed and managed water and wastewater projects on numerous municipal systems. He has worked extensively on treatment and pump station designs for H&P. This work has included the evaluation, design, equipment selection, preparation of construction documents, construction management, start-up, and operational assistance. As part of this water and wastewater experience, he has developed specific expertise with pumps and pumping systems.

PROJECT EXPERIENCE:

Floyd County PSA Main Pump Station & Interceptor Improvements

Floyd, VA | Project Manager

Town of Rural Retreat Finished Water Pumping Improvements

Wythe County, VA | Project Manager

Water System Evaluation & Improvements

Radford, VA | Project Manager

Jackson Street Pump Station Design

Clifton Forge, VA | Project Manager

Radford Army Ammunition Plant Potable WTP Evaluation & Replacement

Radford, VA | Project Manager

Wolf Creek Interceptor & Wastewater Pump Station

Vinton, VA | Project Manager

Low Moor WWTP Aerobic Digester Rehabilitation

Alleghany County, VA | Project Manager

Raphine/Fairfield Sewage Collection & Conveyance System

Rockbridge County, VA | Project Manager



Scott Kramer, PE

UTILITY ENGINEER (PIPELINE)

Scott is a graduate of Virginia Tech with experience across the state of Virginia. Some of his experience includes, but not limited to, site design, drafting, CAD drafting, land surveying, and consulting services for institutional, commercial, and municipal construction projects.

PROJECT EXPERIENCE:

Mallow & Cherokee Creek Pump Station Replacements

Alleghany County, VA | Project Engineer

Radford University East Main Street Utility Relocation

Radford, VA | Project Engineer

Town of Christiansburg West Main Street Water Improvements

Montgomery County, VA | Project Engineer

South Fork Reed Creek Sewer Replacement

Rural Retreat, VA | Project Engineer

Water Treatment Plant & Booster Station Evaluations

Galax, VA | Project Engineer

Olde Dominion Ag Center Water Booster & WW Pump Stations

Chatham, VA | Project Engineer

Hillsville Water Treatment Plant Evaluation

Carroll County, VA | Project Engineer

Elkton WWTP & Collection System Improvements

Rockingham County, VA | Project Engineer

FIRM

Hurt & Proffitt

EDUCATION

M.S. | Virginia Polytechnic
Institute & State University |
Civil Engineering | 2008

B.S. | Virginia Polytechnic
Institute & State University |
Civil Engineering | 2006

YEARS EXPERIENCE

Years with H&P: 6

Years of Experience: 13

REGISTRATIONS

Professional Engineer:

VA #0402050059 | 2012

VA DEQ Dual Combined
Administrator #DCA0215

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
scramer@handp.com
540.552.5592



Chuck Newman, PE

GEOTECHNICAL TASK MANAGER

Mr. Newman has been involved in the design and construction of a wide variety of geotechnical projects including infrastructure, land development, and vertical construction. Mr. Newman's primary areas of expertise include ground improvement, shallow/deep foundations, chemical modification of soil, and geotechnical remediation. He also has significant experience in design of segmental and cantilever retaining walls, earthen embankments, helical pile underpinning analysis and design, geophysical exploration utilizing electrical resistivity, ground penetrating radar (GPR) and in-situ analysis of foundations. Specific VDOT services include post installation testing, pile dynamic analysis (PDA), and Crosshole sonic logging (CSL). Mr. Newman's responsibilities have included executing studies, reports, and explorations for proposed developments, retaining walls, infrastructure, bridges and structures, and monitoring of construction phase for various commercial, municipal and private construction projects.

FIRM

Hurt & Proffitt

EDUCATION

B.S. | Virginia Tech | Mining & Minerals | 2000

YEARS EXPERIENCE

Years with H&P: 4

Years of Experience: 20

REGISTRATIONS

VA | PE | 40732

MD | PE | 32391

WV | PE | 11178

NC | PE | 35555

KY | PE | 34188

DC | PE | 921982

TN | PE | 122623

E&S Control | VA Combined

Administrator #920

Confined Space Supervisor

OSHA 10 Hour Construction

Contact Information:

Hurt & Proffitt, Inc.

2524 Langhorne Road

Lynchburg, VA 24501

cnewman@handp.com

540.522.5592

PROJECT EXPERIENCE:

DGIF – Lake Frederick Dam Spillway Evaluation

Frederick County, VA | Geotechnical Engineer

City Market Retaining Wall and Parking Upgrades

Lynchburg, VA | Geotechnical Engineer

Virginia Tech Creativity & Innovation Learning Center

Blacksburg, VA | Geotechnical Engineer

Lexington Trail Pedestrian Bridge

Lexington, VA | Geotechnical Engineer

VDOT – Oak Creek Drive Roadway Settlement

Danville, VA | Geotechnical Engineer



Ben Leatherland, PWD

ENVIRONMENTAL TASK MANAGER

Mr. Leatherland is a Virginia-registered Professional Wetland Delineator (PWD), a Virginia-registered Combined Erosion and Sediment Control (E&SC) Administrator, a Professional Wetland Scientist (P.W.S.), and a Certified Professional in Erosion and Sediment Control (CPESC). He has over 18 years of experience in environmental science and natural resource management, with an additional 2 years of experience in urban/regional/municipal planning. He is responsible for project management, wetland delineation, stream assessment, erosion and sediment control, NEPA/SEPA environmental review, Section 404/401 water quality permitting, stream and wetland restoration/enhancement (natural channel design), Phase I environmental site assessment (ESA), business development, QA/QC review, and groundwater sampling.

Additional professional experience has included watershed management and planning, sustainable development planning, habitat restoration and monitoring, lake/pond management, stream geomorphic surveying, urban/regional planning, bioengineering streambank stabilization, construction plan preparation, aquatic bioassessment, wildlife surveying, air pollution monitoring, protected species surveying, cultural/historic resource investigation, plan review, rezoning, surface water/groundwater monitoring, and public speaking.

FIRM

Hurt & Proffitt

EDUCATION

B.S. |University of North Carolina at Charlotte | Earth Science, Biology Minor |1994

Master of Arts |University of North Carolina at Charlotte | Geography |2000

YEARS EXPERIENCE

Years with H&P: 12

Years of Experience: 20

REGISTRATIONS

Professional Wetland Delineator:
VA #3402000117 | 2010
Professional Wetland Scientist:
VA #1360 | 2002
VA Erosion & Sediment Control
Inspector
VA Stormwater Management
Inspector
Virginia Association of Wetland
Professionals
Soil and Water Conservation
Society
Society of Wetland Scientists

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
bleatherland@handp.com
540.520.1533

PROJECT EXPERIENCE:

Community Wastewater Treatment System Project

Fauquier County, VA | PWD, PWS, CPESC

Town of Troutville Water System Replacement

Botetourt County, VA | PWD, PWS, CPESC

Town of Christiansburg Silver Lake Sewer Interceptor

Montgomery County, VA | PWD, PWS, CPESC

Woodhaven Drive Re-alignment Project

Bedford County, VA | PWD, PWS, CPESC

Maury Service Authority Transmission System Upgrade

Rockbridge County, VA | PWD, PWS, CPESC



Michael Wilson, PE

WATER TASK MANAGER

Mike has over 28 years of civil engineering experience, including site design, land development, modeling sanitary sewer systems for infiltration / inflow, as well as analyzing and reporting information collected for contaminated sites. His engineering responsibilities include project management, designing and monitoring project infrastructure / construction, review of site plans and construction drawings, and creating documents for municipal sanitary sewer and water main projects.

FIRM

Hurt & Proffitt

EDUCATION

B.S. |Michigan Technological
University | Civil Engineering
|1992

YEARS EXPERIENCE

Years with H&P: 13
Years of Experience: 28

REGISTRATIONS

Professional Engineer
VA #044203 | 2007
MI #45768 | 1999
OH #61602 | 1997

American Water Works
Association

NASSCO Certified

American Society of Civil
Engineers

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
mwilson@handp.com
434.546.6156

PROJECT EXPERIENCE:

Amherst County Service Authority Facility Plan Update

Amherst County, VA | Project Manager

Eagle Eyrie Water System Disinfection Byproduct Removal

Dillwyn, VA | Project Manager

Amherst County Service Authority – Sanitary Sewer Rehabilitation - CDBG

Amherst County, VA | Project Manager

Town of Crewe Source Water Development PER

Nottoway County, VA | Project Manager

Town of Glasgow Water System Replacement

Rockbridge County, VA | Project Manager

Amherst County Service Authority Henry L. Lanum Water Filtration Plant Upgrade

Amherst County, VA | Project Manager

City of Lynchburg 12th Street Water Line Replacement

Lynchburg, VA | Project Manager



Adam Bryant, LS

SURVEY TASK MANAGER

Adam's survey experience began with rural boundary surveys and subdivision in central Virginia followed by GPS surveys of proposed gas wells and gas lines throughout the Appalachian Plateau. His experience is well-rounded working in all facets and on various projects and has managed projects involving GPS control networks, route surveys, boundary surveys, ALTA/ACSM surveys, subdivisions and topographic surveys for engineer design.

FIRM

Hurt & Proffitt

EDUCATION

B.S. | Emory & Henry College |
Geography | 2000

YEARS EXPERIENCE

Years with H&P: 18
Years of Experience: 20

REGISTRATIONS

Professional Land Surveyor:
VA #2863 | 2007
WV #2277 | 2014
Guam #083 | 2015

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
abryant@handp.com
434.665.9543

PROJECT EXPERIENCE:

Sprouses Corner Sewer System Improvements

Buckingham County, VA | Project Surveyor

Town of Crewe Sewer System Replacement

Nottoway County, VA | Project Surveyor

Maury Service Authority Transmission System Improvements

Rockbridge County, VA | Project Surveyor

Town of Christiansburg Silver Lake Sewer Interceptor

Montgomery County, VA | Project Surveyor

Town of Troutville Water System Replacement

Botetourt County, VA | Project Surveyor

Town of Glasgow Water System Replacement

Rockbridge County, VA | Project Surveyor

AEP Falling Branch-Merrimac Transmission Line Survey

Montgomery County, VA | Project Surveyor

AEP South Lynchburg Transmission Line Survey

Lynchburg, VA | Project Surveyor

**FIRM**

Hurt & Proffitt

EDUCATION

B.S. | Virginia Polytechnic
Institute and State University |
Geology | 1984

YEARS EXPERIENCE

Years with H&P: 15
Years of Experience: 29

REGISTRATIONS

Professional Engineer:
VA #49743 | 2012

Professional Geologist:
VA #1075

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
kmeritt@handp.com
434.841.1857

Ken Meritt, PG, PE

INSPECTIONS TASK MANAGER

Ken is the Director of Geotechnical and Materials Testing for Hurt & Proffitt. He has years of experience in the geotechnical, environmental and construction fields. Ken's geotechnical experience includes laboratory and field soils testing, laboratory and field concrete testing, subsurface drilling investigations, earthwork evaluation and suitability studies, flexible and rigid pavement design, retaining wall and slope stability studies, allowable soil bearing pressures, determination for foundation design, and geotechnical report preparation. Ken also has extensive environmental experience which includes all Phase I, II, and III Environmental Site Assessments.

PROJECT EXPERIENCE:**Lynchburg Regional Airport Hangar**

Lynchburg, VA | Geotechnical Engineer

Greater Lynchburg Transit Company Maintenance & Training Facility

Lynchburg, VA | Geotechnical Engineer

Liberty University Health and Science Building

Lynchburg, VA | Geotechnical Engineer

Liberty University Layhae Building Addition

Lynchburg, VA | Geotechnical Engineer

Lynchburg College Burton Hall Addition

Lynchburg, VA | Geotechnical Engineer

Sweet Briar College Cochran Library Expansion

Amherst County, VA | Geotechnical Engineer

Colonel Jamerson Boulevard

Culpeper, VA | Geotechnical Engineer

9th Street Retaining Wall Project

Lynchburg, VA | Geotechnical Engineer



Chris Nixon

INDUSTRIAL HYGIENE TASK MANAGER

Chris has over 27 years of experience within the environmental and industrial hygiene industry. He has extensive experience as an industrial hygienist providing indoor air quality assessments for microbiological agents, methamphetamines and multitudes of other unknown chemicals. He broadens our abilities to provide OSHA compliance monitoring for industrial / manufacturing facilities. He further provides expertise to Hurt & Proffitt, developing Phase I, II and III Environmental Site Assessments, air permitting, Army Corp. of Engineers and DEQ related permitting activities for water and soils contamination.

FIRM

Hurt & Proffitt

EDUCATION

Associates | Central Virginia
Community College |
Engineering Technology | 1991

B.S. | Warren National
University | Environmental
Management | 2002

YEARS EXPERIENCE

Years with H&P: 12
Years of Experience: 27

REGISTRATIONS

Asbestos Inspector: VA
#3303003214
Asbestos Supervisor: VA
#3304001520
Asbestos Management Planner:
VA #3304001520
Asbestos Project Designer: VA
#3305001148
Asbestos Project Monitor: VA
#3309001428
Lead Risk Assessor: VA
#3356000940
RCRA Hazardous Waste
Generator Inspector

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
cnixon@handp.com
434.841.3893

PROJECT EXPERIENCE:

Halifax County Former Jail, Sheriff's Office, Courthouse – E&S, Fuel Tank Management and Closure

Halifax, VA | Project Manager

Heritage High School Demolition – Underground Storage Tank Management

Lynchburg, VA | Project Manager

Lynchburg College - McWane Hall Demolition Management and Tank Removal Coordination

Lynchburg, VA | Project Manager

Abbott Laboratories, SPCC Plan Updates (2013 & 2018)

Altavista, VA | Project Manager

Environmental Study on Former Correctional Facility

Mecklenburg County, VA | Project Manager

Campbell County Public Schools-SPCC and ODCP Updates

Rustburg, VA | Project Manager

Lynchburg Redevelopment Housing Authority – Lead Safe Program

Lynchburg, VA | Project Manager

Bedford Economic Development – Remediation

Bedford County, VA | Project Manager



Melvin A. Reeves

MATERIALS TESTING TASK MANAGER

Mr. Reeves has over 39 years of construction inspection experience. His areas of expertise include supervising construction inspectors who oversee work related to VDOT road building, asphalt overlays according to VDOT requirements and placement of base stone, and the development of subgrades according to the standards of VDOT. Mr. Reeves is also responsible for daily reports detailing contractor activities and maintaining quantities of construction materials used on each project.

Mr. Reeves has also worked on numerous educational projects, ranging from primary to secondary to college / university settings, and many sub-division street projects which include inspection and testing of subgrades, base stone and asphalt paving; reviewed plans, supervised technicians, and performed inspections and materials testing on numerous large private projects with the State.

PROJECT EXPERIENCE:

Lynchburg Juvenile & Domestic Relations Courthouse

Lynchburg, VA | Senior Engineering Technician / Senior Inspector

Blue Ridge Regional Jail

Lynchburg, VA | Senior Engineering Technician / Senior Inspector

Bluestone Business Park

Tazewell County, VA | Technician Supervisor

William Tuck Airport – Fuel Storage Facility and New Hangar

South Boston, VA | Senior Engineering Technician / Senior Inspector

Dominion Power

Altavista, VA | Technician Supervision / Senior Inspector

Business Park

Prince Edward County, VA | Senior Engineering Technician / Senior Inspector

FIRM

Hurt & Proffitt

EDUCATION

Specialized Classes | Central
Virginia Community College

25 years in the Army and
National Guard – Retired
Sergeant Major

Military Engineering Courses

YEARS EXPERIENCE

Years with H&P: 32
Years of Experience: 39

REGISTRATIONS

VDOT Certifications in
Bituminous Concrete, Hydraulic
Cement Concrete, Central Mix
Aggregate Inspections, Asphalt
Paving Inspections, Portland
Cement Concrete Inspections

National Institute for
Certification in Engineering
Technologies – Soils, Concrete,
Asphalt

Troxler Certified

Certified DCR E&S Inspector

Contact Information:

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
treeves@handp.com
434.665.9517

ENGLISH CONSTRUCTION PPEA EXPERIENCE

With the inception and passage of PPEA guidelines in the Commonwealth of Virginia, English has successfully completed numerous public sector projects. English Construction has been entrusted with more public/private projects than any other construction company in Virginia.

- Moneta Wastewater Treatment Plant, Moneta, VA (*First Utility PPEA in Virginia*)
- Town Of Strasburg Design Build Upgrade and Expansion of the Wastewater Treatment Plant and Relocation of the Department of Public Works, Strasburg, Virginia
- Broadway Water Treatment Plant, Broadway, VA
- City of Fredericksburg Dewatering Project, Fredericksburg, VA
- City of Fredericksburg Wastewater Treatment Facility Improvements, Fredericksburg, VA
- Montvale Wastewater Treatment Plant, Bedford County, VA
- Deerfield Detention Facility Wastewater Treatment Plant, Emporia, VA
- Chatham Detention Facility Wastewater Treatment Plant, Chatham, VA
- City of Fredericksburg Police Headquarters, Fredericksburg, VA
- Rappahannock Regional Jail Roof and Kitchen Upgrades, Rappahannock Regional Jail, VA
- Meherrin River Regional Jail, Brunswick County, VA
- Mecklenburg Regional Jail, Mecklenburg County, VA
- Medium Security Facility at Mt. Rogers Prison, Grayson County, VA
- Centex Prison – Pocahontas, Virginia, Pocahontas, Virginia
- Circuit and General District Courthouse, City of Fredericksburg, VA
- Interim and Juvenile and Domestic Relations Court Facility, City of Fredericksburg, VA
- Visitor Center Renovations, City of Fredericksburg, VA
- Cosby Road High School, Chesterfield County, VA
- Lafayette Upper Elementary School, Fredericksburg City Public Schools, VA
- James Monroe High School, Fredericksburg City Public Schools, VA
- Northumberland Middle School/High School, Northumberland County, VA
- Green Ridge Recreation Center, Roanoke County, VA
- Old Walker Grant School Renovation, City of Fredericksburg, VA
- I-85 Rest Stop, Mecklenburg County, VA
- I-64 Rest Stop, New Kent County, VA
- I-895 Connector Project, Pocahontas Parkway, Chesterfield/Henrico Counties, VA (*First PPTA in Virginia*)
- Rte. 288 Goochland County, VA (PPTA)
- I-895 Connector Project Richmond, VA (PPTA)
- North Gayton Road Extension, Henrico County, VA (PPTA)
- Route 288, Goochland County, VA (PPTA)
- APM Terminal Access Road, Portsmouth, VA (PPTA)

TOWN OF STRASBURG DESIGN BUILD UPGRADE AND EXPANSION OF THE WASTEWATER TREATMENT PLANT and RELOCATION OF THE DEPARTMENT OF PUBLIC WORKS | Strasburg, Virginia (PPEA)



27

English Construction was the Design Builder for the upgrade and expansion of a WWTP and relocation of the Department of Public Works for the Town of Strasburg, VA.

The project was to upgrade the Town of Strasburg Wastewater Treatment Plant to permit the plant operators to meet the Chesapeake Bay Area Nutrient Limits per regulation number 9 VAC 25- 820-10 et seq. The effluent limits are 7,999 lbs/yr of total nitrogen (TN) and 689 lbs/yr of total phosphorus (TP) on a delivered waste load allocation basis. The permitted monthly average concentrations are 3 mg/l for total nitrogen and 0.3 ppm for total phosphorus. The design will meet these concentration limits at an average daily flow of 2.0 MGD.

Upgrades to the wastewater treatment plant include but not limited to: influent pump station, blower building, grit removal facilities, biological reactors including secondary clarifiers, and filters in a cast-in-place concrete structures, chemical feed facilities, sludge dewatering facilities, sludge stabilization, residual solids storage, control building modifications, various site improvements including: new paving, drainage improvements, site and process piping, electrical improvements, process control and instrumentation improvements and an emergency generator.

OWNER

Town of Strasburg
174 East King Street
Strasburg, VA 22657
Contact: Jay McKinley
Tel.: 540.465.9197

ENGINEER

Wendel Engineering
1420 King Street
Strasburg, VA 22657
Contact: Andrew Casolini
Tel.: 703.229.8718

Contract Amount \$26,623,400

Completion Date: August 2017

- 10 MGD - 7,400 CY structural concrete
- 1,100 tons rebar - 10,217 LF of pipe (primarily yard pipe 4" – 30")

Key Personnel Proposed:

Henry Myers, Executive-in-Charge

Town of Broadway Water Treatment Plant

Broadway, VA



English Construction as the Design Builder installed a new river intake structure, new raw water feed pumps and discharge piping, new rapid mix basin and two new flocculation basins with mixers, upgrade sedimentation basins with a Sludge Removal System, install of a Pall Membrane System housed in a new 30'x40' precast concrete building, new MCC in membrane building, install new pre-cast concrete clearwell, replace finished water pumps, demolish existing sand filters and fill basins, modify existing WTP building to provide outside access to existing chemical feed room, and install 150,000gallon well storage tank.

OWNER

Town of Broadway
P.O. Box 156
Broadway, VA 22815
Contact: Kyle O'Brien, Town Manager
Tel.: 540.896.5152

ENGINEER

Bowman Consulting Group, Ltd
460 McLaws Circle, Suite 120
Williamsburg, VA 23185
Contact: Ken Baybutt
Tel.: 757.229.1776

Contract Amount: \$5,974,000
Completion Date: May 2019

Key Personnel Proposed:
Henry Myers, Executive-in-Charge



Moneta Wastewater Treatment Plant and Collection System

Moneta, Virginia



English Construction and Hurt & Proffitt

The Moneta Regional Sewer System in Bedford County, Virginia was a landmark project for the State of Virginia in that it was the first PPEA (Public-Private Education Facilities and Infrastructure Act of 2002) project in the Commonwealth whereby private financing was combined with public funding to construct a new regional sewer system. The PPEA process took a 48-month (conventional) project and reduced it to a time-frame of 24 months from concept through completion. The project, a backbone of the area's sanitary sewer infrastructure, includes over 6 miles of sanitary sewer lines, four major sewage pump stations, and a 500,000 GPD wastewater treatment plant. With approximately 60,000 linear feet of horizontal alignment, this project necessitated procurement of extensive easements and rights-of-way. The plant is owned and maintained by the Bedford County Public Service Authority.

OWNER

Bedford County Public Service Authority
1723 Falling Creek Road
Bedford, VA 24523
Contact: Brian Key
Tel.: 540.586.7679

ENGINEER

Hurt & Proffitt, Inc.
2524 Langhorne Road
Lynchburg, VA 24501
Contact: Brian Cossman
Tel.: 434.546.3325

Contract Amount: \$10,250,000
Completion Date: January 2007

Montvale Wastewater Treatment Plant Upgrade

Bedford County, Virginia



English Construction completed an upgrade of the existing Montvale Wastewater Treatment Plant by 50,000 GPD with laboratory building modifications and site improvements.

OWNER

Bedford County Public Service Authority
1723 Falling Creek Road
Bedford, VA 24523
Contact: Brian Key
Tel.: 540.586.7679

ENGINEER

ACS Design, LLC,
Peters Creek Road NW
Roanoke, VA 24017
Contact Dan Early
Tel.: 540.562.2345

Contract Amount: \$621,067
Completion Date: December 2006

Lexington-Rockbridge Regional WQCF Nutrient Removal Upgrade

Lexington, Virginia



English Construction

The existing Lexington WWTP was upgraded to improve the treatment capability of the facility in response to the increasingly stringent environmental regulations. The construction to this facility included a new influent screen, a new tertiary filtration system, new aerobic digesters, modifications to existing digesters, new sludge storage tank building, modifications to the existing storage tank and additions to the existing sludge control facility. The existing plant featured an Orbal oxidation ditch system that required modifications to the aeration system. This was extremely challenging as the oxidation is a critical treatment process central to the wastewater treatment plant. The English team developed and executed a plan and sequence of construction that allowed the facility to remain in service during the construction, continue to meet the existing permit requirements and eliminate expensive and risky bypass pumping. This plan was developed as a result of English's first-hand experience on a previous wastewater treatment plant upgrade that was designed and constructed as part of another VADOC project in Chatham, VA by the English/Thompson & Litton team. The Lexington WWTP upgrade was completed on time and within budget.

OWNER

Maury Service Authority
P.O. Box 785
Lexington, VA 24450
Contact: Joe Milo, Exec. Director
Tel.: 540.463.3566

ENGINEER

Stearns & Wheeler, PLLC
3128 Highwoods Blvd, Suite 140
Raleigh, NC 27604
Contact: Nicholas G. Hatala, P.E.
Tel.: 919.790.6770

Contract Amount \$12,198,786
Completed December 2011

Key Personnel Proposed:
Henry Myers, Executive-in-Charge

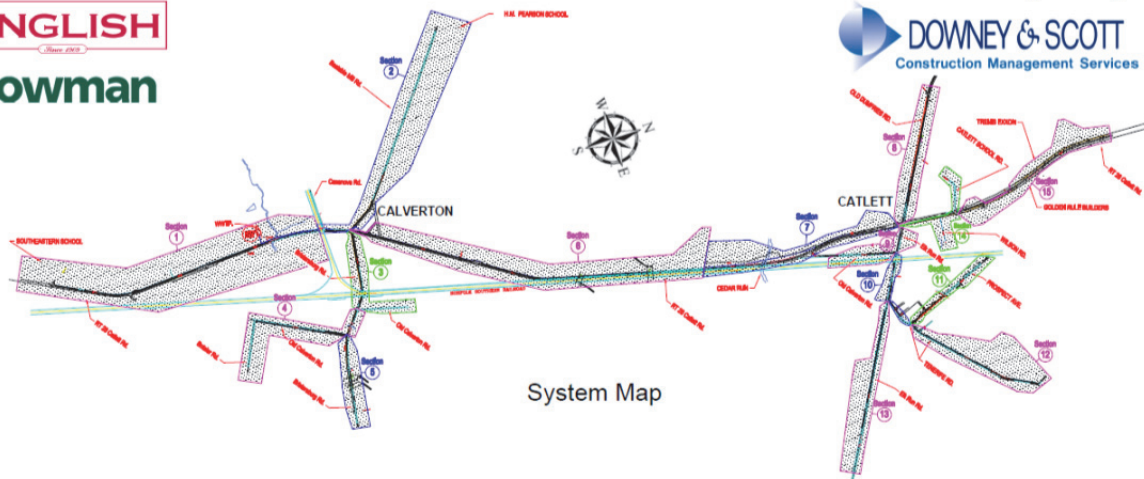
Catlett-Calverton Wastewater Treatment System

Fauquier County, Virginia

Designed and Constructed by:



Construction Management by:



English Construction as the Design-Builder will install 10+ miles of sewer force main. Over 100 homes and businesses are signed up to be connected. The treatment plant capacity is 80,000 GPD or 308 homes.

H&P provided consulting services related to solicitation and award of a design-build contract for a wastewater treatment plant & collection system.

OWNER

Fauquier County
320 Hospital Drive, Ste. 23
Warrenton, VA 20186
Contact: Susan Monaco
Tel.: 540.422.8348

ENGINEER

Bowman Construction
460 McLaws, Cir., Ste. 120
Williamsburg, VA 23185
Contact: Ken Baybutt
Tel.: 757.229.1776

Contract Amount \$7,490,500

Completion Date: On schedule to complete January 2022

Key Personnel Proposed:

Henry Myers, Executive-in-Charge

H&P SIMILAR PROJECTS

SILVER LAKE SEWER INTERCEPTOR

Town of Christiansburg, VA

CLIENT

Town of Christiansburg, VA

Mr. Justin St. Clair

540-382-6120

PROJECT TYPE

Municipal

SERVICES

Civil Engineering

Sanitary Sewer Modeling

Surveying

Environmental Review & Permitting

Easement Preparation

PROJECT DESCRIPTION

H&P was selected to perform all survey, permitting, and design services for a 10,000 linear feet of 12" interceptor sewer line. The project will take an old and outdated pump station off line. The project involved permits from DEQ for wetland and stream crossings. In addition to the survey and design aspects of the project H&P also modeled the service area to ensure the pipe size handled current and future sewer flows. A preliminary engineering report was prepared outlining the model results and alternatives to the alignment of the interceptor. The project is being completely funded by the Town under their Capital Improvement Plan.

WILLIAMS RUN SEWER INTERCEPTOR

Amherst County, VA

CLIENT

Amherst County Service Authority

Mr. Dan French

434-845-1605

PROJECT TYPE

Municipal

SERVICES

Civil Engineering

Surveying

Environmental

Construction Administration

Construction Testing

PROJECT DESCRIPTION

H&P was responsible for managing all civil design, surveying, environmental, and construction administration and testing services for the William's Run project located in Amherst, VA. This was the replacement of approximately 11,000 LF extension of 18" and 24" of brand new sanitary sewer lines. This provided public sewer service to unserved and under-served areas of the County. The project took an existing public sewer pump station offline and to increase the County's water capacity in the northern part of their system. The project involved significant coordination of pumping around and maintaining existing flow.

SANITARY SEWER IMPROVEMENTS

Town of Crewe, VA

CLIENT

Town of Crewe, VA

Mr. Wade Walker

434-645-9453

PROJECT TYPE

Municipal

SERVICES

Civil Engineering

Surveying

Environmental

Construction Administration

Construction Testing

PROJECT DESCRIPTION

H&P was responsible for the design of sanitary sewer system improvements to the existing sewer infrastructure and pump stations. Following an approved Preliminary Engineering Report (PER), H&P, working closely with the Town and the Department of Environmental Quality (DEQ), designed a replacement to approximately 5,100 linear feet of sanitary sewer including 18 manholes, in-situ lining of 22,000 linear feet of sewer pipe and lining of 82 sanitary manholes. The project was due to the deteriorated conditions of the existing sanitary sewer infrastructure. Additional improvements to the sewer system include the addition of security improvements at each of the eight sanitary sewer pump stations, providing standby power connections and transfer power switches at four pump stations, and providing electronic magnetic flow meters at each pump station to accurately determine and log the flow rates at each station. Each station was provided with cellular supervisory control and data acquisition equipment to monitor pump station activities, flow meter readings, standby-generator status, and alarm status.

WASTEWATER SYSTEM IMPROVEMENTS

Town of Hillsville, VA

CLIENT

Town of Hillsville, VA

Mr. Darrick Mayes

276-728-2128

PROJECT TYPE

Municipal

SERVICES

Civil Engineering

Surveying

Funding

Construction Administration

PROJECT DESCRIPTION

Hurt & Proffitt performed surveying, and prepared plans and technical specifications for approximately 3,850 linear feet of interceptor along West Grayson Street, a pump station along Rt. 58 and a portable generator set. H&P also prepared bidding documents and performed contract administration services during construction.

Prior to the start of this project, H&P prepared a DEQ Virginia Clean Water Revolving Loan Fund application and funding was awarded for this project.

MAIN PUMP STATION & INTERCEPTOR IMPROVEMENTS

Floyd County, VA

CLIENT

Floyd-Floyd County PSA, VA

Mr. Richard Burton

540-586-7679

PROJECT TYPE

Municipal

SERVICES

Preliminary Engineering Report

Surveying

Civil Engineering

Construction Administration

Construction Inspection

PROJECT DESCRIPTION

H&P was responsible for the PER, survey, design, permitting, bidding, construction contract administration and full time inspection services for the replacement or rehabilitation of approximately 5,000 linear feet of gravity sewer pipe to combat inflow and infiltration as well as allow for potential growth of the system. In addition, the project replaced the vulnerable Main Pump Station with a new suction lift pump station. Backup power was incorporated in the replacement pump station design. The project was funded by the Virginia Department of Environmental Quality through the revolving loan program.

MANHOLE REHABILITATION

Town of Pearisburg, VA

CLIENT

Town of Pearisburg, VA

Mr. Kenneth Vittum

540-921-0340

PROJECT TYPE

Municipal

SERVICES

Civil Engineering

Bidding Assistance

Funding Assistance

Construction Inspection

PROJECT DESCRIPTION

This project included the rehabilitation of a portion of manholes described in the Wastewater Inflow & Infiltration Preliminary Engineering Report (PER) previously prepared by Hurt & Proffitt, Inc. on August 1, 2008. Our work on this project included the development of mapping showing the location of the manholes to be rehabilitated, visual inspections, preparation of contract documents and technical specifications, and providing bidding assistance and inspection services. The Town obtained funding for this project through a grant from the Southeast Rural Community Assistance Project (SERCAP). H&P assisted the Town with the funding application process.

ENFIELD AREA SEWER IMPROVEMENTS, PHASE I

City of Lexington, VA

CLIENT

City of Lexington

Mr. Jeff Martone

540-463-3154

PROJECT TYPE

Municipal

PROJECT DESCRIPTION

This project was broken down into two divisions. Division 1 entailed lining or replacement of the Battery Lane, Pickett Street, and Confederate Circle sewer lines totaling approximately 1,600 linear feet of lining or replacement. Division 2 added the Lampe Circle and Willow Lane sewer lines totaling approximately 430 linear feet of sewer lining or replacement. H&P prepared topographic and property surveys and design for the improvements, as well as bidding, and construction administration.

SERVICES

Civil Engineering

Surveying

Bidding

Construction Administration

ENFIELD AREA SEWER IMPROVEMENTS, PHASE II

City of Lexington, VA

CLIENT

City of Lexington

Jeff Martone

540-463-3154

PROJECT TYPE

Municipal

PROJECT DESCRIPTION

Phase II of the project incorporated the design of planned point repairs to the McClung Area of the City, replacement of the sewer along upper Lime Kiln Road, and lining of the sewers behind Fairview Place and along lower Lime Kiln Road. H&P prepared topographic property surveys, design of improvements, as well as bidding and construction administration services.

SERVICES

Civil Engineering

Surveying

Bidding

Construction Administration

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CHEROLKEE TRAIL & MOUNTAIN VIEW DRIVE SEWER REHABILITATION

Alleghany County, VA

CLIENT

Alleghany County, VA

Mr. Jon Lanford

540-863-6600

PROJECT TYPE

Municipal

PROJECT DESCRIPTION

Hurt & Proffitt provided engineering services to line the existing sewer on Cherokee trail and Mountain View Drive (approximately 4,100 linear feet) to combat the ongoing inflow and infiltration problems on the line. The project also included lining of sewer lateral along Mountain View Drive and several point repairs. The project was designed and bid in compliance with the VA DEQ Revolving Loan Fund.

SERVICES

Survey

Design

Bidding

Construction Administration

Inspection

OTMH CDBG CONSTRUCTION READY SANITARY SEWER REHABILITATION

Amherst County Service Authority, VA

CLIENT

Amherst County Service Authority

Mr. Robert Hopkins

434-845-1605

PROJECT TYPE

Municipal

SERVICES

Civil Engineering

Survey

Bidding

Construction Administration

Inspection

PROJECT DESCRIPTION

Hurt & Proffitt was responsible for the development of construction plans, specifications, and bid documents for improvements to an aging portion of the sanitary sewer system. The project is part of the improvements identified after video tapping portions of the sewer system in 2014. The proposed improvements will be part of the Community Development Block Grant (CDBG) Construction Ready program. ACSA received \$500,000 construction ready grant from CDBG for Improvements that include lining existing sanitary sewers, replacing sanitary sewer, service lateral improvement, and manhole rehabilitation. Construction activities, which include project coordination, construction administration and inspections.

SKYVIEW SEWER IMPROVEMENTS

Pulaski County, VA

CLIENT

Pulaski County, VA

Mr. Jared Linkous

540-980-7710

PROJECT TYPE

Municipal

SERVICES

Preliminary Engineering Report

Design

Construction Administration

PROJECT DESCRIPTION

We have provided preliminary engineering, survey, design, bidding, CA and inspection services associated with three phases of the Skyview sewer project. We also assisted with the funding application process, and the County was successful in obtaining funding through DHCD and Rural Development. Phase I, we designed 3,300 feet of gravity sewer to serve the Skyview Subdivision and Fairground Areas. Phase II consisted of the design of 5,100 feet of 8" gravity sewer. Phase III included the design of 10,120 feet of 8" gravity sewer, a pump station, and 2,950 feet of 4" force main to serve Collier Street, Fair Acres, and Hubbard Way areas.

MEADOWLARK AREA SEWER PROJECT

Town of Appomattox, VA

CLIENT

Town of Appomattox, VA

Mr. Jeff Elder

434-352-8268

PROJECT TYPE

Municipal

SERVICES

Civil Engineering

Surveying

Environmental

Construction Administration

Construction Testing

PROJECT DESCRIPTION

Hurt & Proffitt was responsible for the design of over 17,000 feet of 8", 10" and 12" gravity sanitary sewer line in the Meadowlark Area of the Town of Appomattox. The Meadowlark Area was a previously unserved residential and commercial section of the Town that was experiencing failing drainfield systems and/or direct discharges to the surface or surface waters. The project involved environmental permitting for wetland and stream crossings and numerous road crossings and utility conflict coordination. There were more than 75 properties involved in easement acquisitions and Hurt & Proffitt was involved in the easement plat creation and public relations components of that process. Hurt & Proffitt worked on every aspect of the project from Planning to Construction Administration and Inspection, including funding applications, survey, PER, design, permitting, bidding, and project closeout.

WRF OUTFALL LINE

Town of Appomattox, VA
CLIENT

Town of Appomattox, VA
Mr. Jeff Elder
434-352-8286

PROJECT TYPE

Municipal

SERVICES

Civil Engineering
Surveying
Environmental
Construction Administration
Construction Testing

LAKEVIEW AREA, PHASES I, II, & III

Amherst County, VA

CLIENT

Amherst County Service Authority
Mr. Dan French
434-845-1605

PROJECT TYPE

Municipal

SERVICES

Civil Engineering
Surveying
Environmental
Construction Administration
Construction Testing

MONETA AREA SEWER PROJECT

Bedford County, VA

CLIENT

Bedford County PSA
Mr. Brian Key
540-586-7679

PROJECT TYPE

Municipal

SERVICES

Civil Engineering
Surveying
Environmental
Construction Administration
Construction Testing

PROJECT DESCRIPTION

When the Town of Appomattox upgraded their wastewater treatment plant the outfall line had to be relocated over 9,350 feet downstream to meet new permit discharge requirements. The project involved the design and construction of new 9,350 feet of 12" gravity sanitary sewer. Hurt & Proffitt performed all survey, route study, environmental delineations and permitting, PER, design, bidding, construction administration and inspection and project closeout for the project. The project crossed eight (8) different properties, requiring easement plat creation for the acquisition process. Hurt & Proffitt assisted the Town throughout all aspects of the project.

PROJECT DESCRIPTION

Hurt & Proffitt was responsible for the design of over 23,800 feet of 8", 10" and 12" gravity sanitary sewer line in the Lakeview Area of Amherst County. The Lakeview Area was a previously unserved residential and commercial section of the County that was experiencing failing drainfield systems. In addition, the project area had been designated by the Authority Board as a customer base expansion area. The project involved environmental permitting for wetland and stream crossings and numerous road crossings and utility conflict coordination. There were more than 100 properties involved in easement acquisitions and Hurt & Proffitt was involved in the easement plat creation and public relations components of that process. Hurt & Proffitt worked on every aspect of the project from Planning to Construction Administration and Inspection, including funding applications, survey, PER, design, permitting, bidding, and project closeout.

PROJECT DESCRIPTION

Hurt & Proffitt was responsible for the design of sanitary sewer system improvements to the existing sewer infrastructure and pump stations. Following an approved Preliminary Engineering Report (PER), Hurt & Proffitt working closely with the Town and the Department of Environmental Quality (DEQ) design replacement to approximately 5,100 linear feet of sanitary sewer including 18 manholes, in-situ lining of 22,000 linear feet of sewer pipe and lining of 82 sanitary manholes. The project was due to the deteriorated conditions of the existing sanitary sewer infrastructure. Additional improvements to the sewer system include the addition of security improvement at each of the eight sanitary sewer pump stations, providing standby- power connections and transfer power switched at four pump stations, and providing electronic magnetic flow meters at each pump station to accurately determine and log the flow rates at each of the pump stations. Each pump station was provided with cellular supervisory control and data acquisition equipment to monitor pump station activities, flow meter readings, standby-generator status, and alarm status.

CATLETT/CALVERTON WASTEWATER SYSTEM

Fauquier County, VA



H&P provided consulting services related to solicitation and award of a design-build contract for a wastewater treatment plant & collection system. This was the first D/B project procured by the Owner and assistance was required throughout the entire procurement process. H&P assisted in preparation of the D/B Request for Proposals, including specifications and bridging documents used by the D/B proposers, participate in D/B team proprietary meetings with Owner, prepare necessary addendums to the RFP, review D/B proposals for compliance with the RFP requirements, provide scoring evaluations of D/B proposals in accordance with the RFP, and provide technical assistance during Board of Supervisor meetings related to the approval of the D/B contract. Project construction costs estimated at \$7M+. Environmental reports and evaluations required for funding of project were added to scope of services.

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Client

Fauquier County

Contact

Ms. Susan Monaco
540.422.8348



Cost

\$7M

Completed

2018



Services

Preparation of RFP
Civil Engineering
Bridging Documents
Environmental



WATER TRANSMISSION SYSTEM UPGRADES

Lexington, VA



H&P has been responsible for the water transmission system upgrades that are ongoing with the Maury Service Authority. Design included 16" transmission line system from the MSA water treatment plant to the Enfield Water Tank and around the western edge of the City of Lexington. H&P is responsible for the design of a total of 25,000 LF of 16" transmission line, a 4.0 MGD booster system, 1.0 MG ground storage tank, improvements to existing 3.0 MG ground storage tank, SCADA system, WTP finished water system upgrades, and infrastructure security. The project included the installation of 7,000+ of 16" fusible PVC installed by horizontal directional drilling. This project was funded by USDA – Rural Development with a \$7.7M low interest loan based on PER and ERR created by Hurt & Proffitt.

39



Client

Maury Service Authority

Contact

Mr. Jordan Combs, Director
540.463.3566



Cost

\$7.7M

Completed

2015



Services

Civil Engineering
Water Line Design
SCADA Design
Geotechnical Engineering
Materials Testing/Inspections

Prelim Engineering Report
Pump Station Design
Water Tank Design
Funding Applications

Environmental Permitting
WTP Design
Surveying
Construction Administration



NORTHEAST CREEK WTP UPGRADES

Louisa County, VA



H&P worked with the LCWA to remove THM's and HAA's from the water distribution system. Team was responsible for evaluation of existing LCWA distribution system and providing recommendations on improvements to water age and disinfection byproducts (DBP) issues, including system modeling to evaluate system water age. Scope included design of 200k gallon elevated water storage tank to replace an existing 600k gallon standpipe, tank spray aeration system, system interconnection design, and automatic flushing stations.

We were also responsible for evaluation of plant modifications to remove disinfection byproducts (DBP) precursors, specifically TOC & DOC. Responsible for the execution of multiple pilot evaluations, including ion exchange, chlorine dioxide, granular activated carbon, MIEEX, ozone, and reverse osmosis/nanofiltration. Designed 1 MGD nanofiltration membrane system, remineralization system, new filtration building, extended clearwell, pumping systems, SCADA system, surface discharge permit, and chemical systems.

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Client

Louisa County Water Authority

Contact

Ms. Pam Baughman, General Manager
540.967.1122



Cost

\$3.5M

Completed

2017



Services

Civil Engineering
Surveying
Bidding Services

Water Line Design
Environmental Permitting
Construction Admin

Water Treatment Design
Funding Application
Inspections & Materials Testing



SILVER LAKE SEWER INTERCEPTOR

Christiansburg, VA



H&P was selected by the Town of Christiansburg to perform all survey, permitting, and design services for an 10,000 linear feet of 15" interceptor sewer line. The project, located on the west side of town, will take an old and outdated pump station off line. The project involved permits from DEQ for wetland and stream crossings and a railroad permit from Norfolk Southern for boring beneath their right of way.

In addition to the survey and design aspects of the project H&P also modeled the service area to ensure the pipe size handled current and future sewer flows. A preliminary engineering report was prepared outlining the model results and alternatives to the alignment of the interceptor.

The project is being completely funded by the Town of Christiansburg, under their Capital Improvement Plan.



Client

Town of Christiansburg

Contact

Mr. Justin St Clair, PE
Engineering Project Manager
540.391.3196



Cost

\$1.6M

Completed

Ongoing



Services

Surveying
Design

Permitting
Construction Admin



Tab 2 - Project Characteristics

Tab 2 - Project Characteristics

i. - Provide a description of the project including conceptual design. Describe the proposed project in sufficient detail so that the type and intent of the project, location and the communities that may be affected are clearly identified.

Refer to Section 2i. Confidential and Proprietary, Volume II.

ii. – Provide drawings and/or mapping which shows the location of the project, a site plan of the project (if applicable), the conceptual layout of the project, and any other plans that are needed to adequately show the scope of the project.

Refer to attachments following Section 2ii Confidential and Proprietary, Volume II.

iii. - Identify and fully describe any work to be performed by the Authority.

- Easement deed preparation, acquisition, and recording costs
- Hazardous material disposal costs
- Third-party testing / consulting not specifically included in this proposal
- Owner inspection services and oversight
- Owner administration and engineering services
- BRWA / City of Lynchburg coordination effort costs
- Permit costs

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iv. - Include a list of all federal, state and local permits and approvals required for the project and a schedule for obtaining such permits and approvals.

- VDOT Land Use Permit – Approval 6 weeks after plan submittal to VDOT
- Bedford County Land Disturbing Permit – Approval 6 weeks after plan submittal to County
- USACE Joint Permit Application – Approval 12 weeks after plan submittal to USACE
- VSMP Stormwater Permit – Approval 6-8 weeks after submittal
- City of Lynchburg Land Disturbing Permit – Approval 6 weeks after submittal to City
- Bedford County Building Permit – Approval (2-4) weeks after submittal to County

v. -Identify any anticipated adverse social, economic, environmental and transportation impacts of the project measured against the jurisdictions comprehensive land use plan and applicable ordinances and design standards. Specify the strategies or actions to mitigate known impacts of the project.

Refer to Section 2v. Confidential and Proprietary, Volume II.

vi. - Identify the positive social, economic, environmental and transportation impacts of the project.

Refer to Section 2vi. Confidential and Proprietary, Volume II.

vii. - Identify the proposed schedule of work for the project, including sufficient time for the Authority's review and the estimated time for completion.

From approval of the Design-Build Contract, the project is expected to take approximately **24** months to complete. Our proposed Schedule of Activities/approvals on this project is included in Section 2vii. Confidential and Proprietary, Volume II.

viii. - Propose allocation of risk and liability, for work completed beyond the agreement's completion date and assurance for timely completion of the project.

Refer to Section 2viii. Confidential and Proprietary, Volume II.

ix. - State assumptions related to ownership, legal liability, law enforcement and operation of the project and the existence of any restrictions on the Authority's use of the project.

Non-applicable. No change is anticipated in ownership, legal liability, law enforcement and operations.

x. - Provide information relative to phased openings of the proposed project prior to completion of the entire work.

The gravity sewer and booster pump station projects are not dependent on one another. They will be placed into service as they are tested and available for the beneficial use by the Owner.

xi. - List any other assumptions relied on for the project to be a success.

Refer to Section 2xi. Confidential and Proprietary, Volume II.

xii. - List any contingencies that must occur for the project to be successful.

Refer to Section 2xii. Confidential and Proprietary, Volume II.

Tab 3 - Project Financing

Tab 3 - Project Financing

i. -Provide a preliminary estimate and estimating methodology of the cost of work by phase, segment, or both.

Refer to Section 3i. Confidential and Proprietary, Volume II.

ii. - Submit a plan for the Development, financing, and Operation of the project showing the anticipated schedule of which funds will be required. The operational plan should include appropriate staffing levels and associated. Including supporting due diligence studies, analyses, or reports. Describe the anticipated costs of and proposed sources and uses for such funds.

Refer to Section 3ii. Confidential and Proprietary, Volume II.

iii. - Include a list and discussion of assumptions underlying all major elements of the plan. Assumptions should include all significant fees associated with financing given the recommended financing approach. In addition complete disclosure of interest rate assumptions should be included. Any ongoing operational fees if applicable, should also be disclosed as well as any assumption with regard to increases in such fees.

Refer to Section 3iii. Confidential and Proprietary, Volume II.

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iv. - Identify the proposed risk factors and methods for dealing with these factors.

Refer to Section 3iv. Confidential and Proprietary, Volume II.

v. - Identify any local, state or federal resources that the proposer contemplates requesting for the project along with an anticipated schedule of resource requirements. Describe the total commitment, if any, expected from governmental sources and the timing of an anticipated commitment. Such disclosure should include any direct or indirect guarantee or pledge of the Authority's credit or revenue.

Refer to Section 3v. Confidential and Proprietary, Volume II.

vi. -Identify the amounts and the terms and conditions for any revenue sources.

Refer to Section 3vi. Confidential and Proprietary, Volume II.

vii. - Identify any aspect of the project that could disqualify the project from obtaining tax exempt financing.

We have assumed that this project is eligible for a sales tax exemption and we are unaware of an aspect that could disqualify the project from obtaining tax exempt financing.

Tab 4 - Project Benefit and Compatibility

Tab 4 - Project Benefit and Compatibility

i. - Identify who will benefit from the project, how they will benefit and how the project will benefit the overall community, region, or state.

The beneficiaries of this project will be the citizens of Forest, VA, the City of Lynchburg, and the Authority's wastewater facility operations staff.

- The elimination of the Lake Vista pump station will benefit the local community by eliminating the foul odor source that currently exists with the pump station location.
- The addition of the gravity sewer system through a portion of the City and County will make sewer service available to areas without current sewer service.
- The gravity sewer capacity will eliminate the capacity limitation that currently exists with the Lake Vista pump station, allowing increased development to the service area within the County.
- The Authority's staff will benefit by the elimination of the operation and maintenance burden of the existing Lake Vista pump station.
- The 460 pump station will allow for an improved water system with higher, more consistent pressures and reliability.

ii. - Identify any anticipated public support or opposition, as well as any anticipated government support or opposition, for the project.

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- We anticipate positive public support given that this project has been previously planned in the Authority's budget.
- Neighbors of Lake Vista Pump Station would support the removal of the facility as it currently produces foul odors on a regular basis.
- City of Lynchburg and BRWA would be able to potentially increase revenue streams with this additional infrastructure.
- Residents and Businesses in the immediate vicinity of the construction activities will experience temporary, negative effects and may express opposition. This opposition will be mitigated by pro-active and inclusive communication measures.
- Residents and Businesses in the Forest area will support the project for its potential growth and improved public utility support.

iii. - Explain the strategy and plans that will be carried out to involve and inform the general public, business community, and governmental agencies in areas affected by the project.

- During design Bill Overacre, Licensed Real Estate Broker/Appraiser, will be utilized by the Design Build team to work with BRWA and the City of Lynchburg to negotiate easement acquisition from local property owners.
- The City of Lynchburg Economic Development Authority will be requested to collaborate on communication and coordination with affected properties in the City limits.
- The VADEQ will be informed of the changes being made to the existing facility and its operation.
- Communication tools such as project websites and mass emails to stake holders would be created and updated often to keep interested parties informed to help reduce incorrect rumors and ensure proper conveyance of information.

iv. - Describe any anticipated significant benefits to the community, region, or state including anticipated benefits to the economic condition of the Authority and whether the project is critical to attracting or maintaining competitive industries and businesses to the Authority or the surrounding regions.

BRWA will benefit from this wastewater system upgrade with increased capacity to existing service areas and elimination of an operations and maintenance obligation. BRWA and the City of Lynchburg will both benefit from new service areas that will allow potential development and new customers. The Lynchpin Industrial Park in particular would receive an immediate benefit with additional sewer service and capacity.

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v. - Describe compatibility with the local comprehensive plan, local infrastructure development plans, the capital improvements budget, or other government spending plan.

The 460 Pump Station project is anticipated to be in accordance with the BRWA budget. The Ivy Creek Interceptor Divisions 5 & 6 gravity sewer is a project that has been on the BRWA “wishlist” for many years. It appears that the anticipated current debt service reduction which will occur in 2022 will allow the BRWA to fund this portion of the project utilizing the VRA loan process.

vi. - Provide a statement setting forth participation efforts that are intended to be undertaken in connection with this project with regard to the following types of businesses: (i) minority-owned businesses, (ii) woman-owned businesses, and (iii) small businesses.

English Construction in association with Hurt and Proffitt, a Virginia Certified small business, is well versed in compliance with the Virginia Resources Authority Revolving Loan Fund. Specifically, we are familiar with the Six Affirmative Steps associated with MBE/WBE compliance. Our team will work diligently to ensure that qualified small, minority and women’s business enterprises are aware of the opportunities afforded by the project. The project will be divided into economically feasible tasks and/or quantities to maximize participation. Documentation will be provided as required related to project participation and good faith efforts in order to comply with all loan requirements.

vi. - Provide a statement setting forth participation efforts that are intended to be undertaken in connection with this project with regard to the following types of businesses: (i) minority-owned businesses, (ii) woman-owned businesses, and (iii) small businesses.

English Construction in association with Hurt and Proffitt, a Virginia Certified small business, is well versed in compliance with the Virginia Resources Authority Revolving Loan Fund. Specifically, we are familiar with the Six Affirmative Steps associated with MBE/WBE compliance. Our team will work diligently to ensure that qualified small, minority and women's business enterprises are aware of the opportunities afforded by the project. The project will be divided into economically feasible tasks and/or quantities to maximize participation. Documentation will be provided as required related to project participation and good faith efforts in order to comply with all loan requirements.