TOWN OF FOREST HEIGHTS
TOWN MEETING

Wednesday, October 21, 2020
8:00 pm
Virtual Meeting
Dial-In 1-301-715-8592
Meeting ID 860 0831 6885

Agenda

I. Call to Order

II. Roll Call

III. Moment of Silence

IV. Pledge of Allegiance to the Flag of the United States of America

V. Approval of Agenda

   a. Meeting Minutes from Monday, October 5, 2020 will be presented at November 2, 2020 Work Session Meeting.

VI. Public Period (limit 2 minutes)

VII. Legislation

VIII. New Business

IX. Adjournment

THE TOWN OF FOREST HEIGHTS
RESOLUTION 52-20

A RESOLUTION TO APPROVE A DONATION TO THE FOREST HEIGHTS POLICE DEPARTMENT OF (1) GREEN DUAL PURPOSE K9 FROM SOUND CANINE SERVICES.

Introduced by: Habeeb-Ullah Muhammad, Mayor

WHEREAS, the Town of Forest Heights Police Department has a K9 program which provides Forest Heights police officers assistance with tracking down and apprehending criminals, detecting controlled dangerous substances and help in other scenarios often encountered while performing their law enforcement duties; and

WHEREAS, the Chief of Police finds it necessary to add a second K9 to the Department to fill the void when the existing K9 is not available for service; and

WHEREAS, the Charles County Sheriff's Office and the Federal Government frequently receive K9 animals from Sound Canine Services and has determine them to be a trusted K9 vendor; and

WHEREAS, the acceptance of the K9 will ensure that more officers have an option at their disposal when reacting to escalating safety situations where a K9 can be useful; and

WHEREAS, the Charles County Sheriff's Office has invited the Forest Heights Police Department to participate in their K9 trainer school starting October 30, 2020 at no cost; and

WHEREAS, the Charles County Sheriff's Office has evaluated the K9 (German Shepard) and has deemed it fit for such purposes.

NOW THEREFORE, BE IT RESOLVED that the Mayor and Town Council of the Town of Forest Heights, Maryland hereby authorize the Chief of Police or his designee to accept (1) Green Dual Purpose K9 from Sound Canine Services.

BE IT FURTHER RESOLVED that this Resolution shall take effect immediately upon passage.

PASSED this ___day of October 2020.

APPROVED: By Resolution of the Town Council of The Town of Forest Heights, Maryland

ROLL CALL VOTE	YEA/NAY/ABSTAIN/ABSENT
MUHAMMAD	_____
KENNEDY II	_____
NOBLE	_____

THE TOWN OF FOREST HEIGHTS
RESOLUTION 52-20

BARNES	_____
HINES	_____
ATKINSON	_____
WASHINGTON	_____

ATTEST:

_____
Sherletta Hawkins, Town Clerk

THE MAYOR AND COUNCIL OF THE TOWN OF FOREST HEIGHTS, MARYLAND

By:_____
Habeeb-Ullah Muhammad, Mayor

By:_____
Calvin Washington, Council President

CERTIFICATION

I, hereby certify, as the duly appointed Town Clerk of the Town of Forest Heights, Maryland, that on the __ day of October 2020 with ____Aye votes and ____ Nay votes the aforesaid Resolution __-20 passed.

_____
Sherletta Hawkins, Town Clerk

THE TOWN OF FOREST HEIGHTS

RESOLUTION 53-20

A RESOLUTION TO PURCHASE ONE 2014 FULLY EQUIPPED FOR K9 DODGE CHARGER PURSUIT AND TWO 2012 DODGE CHARGER PURSUIT VEHICLES FOR PATROL FROM THE CITY OF SEAT PLEASANT

Introduced By: Mayor Habeeb-Ullah Muhammad

WHEREAS, the Town Charter, § 33-63(f) authorizes the Town to forego the normal procurement process through cooperative purchasing in certain cases where another government entity has already made a competitive purchase of said item and therefore the Mayor and Council may, without soliciting bids, purchase the item in question at the bid price from the successful bidder, if the Mayor and Council determines that the bid price is competitive, and

WHEREAS, the Town Charter, § 33-63(g) further authorizes the Mayor and Council by a two–thirds vote to waive the competitive bidding requirements of said Charter section for good cause shown for sole source procurements of unique products and services, and that written findings as to the basis of such waiver shall be placed in the journal of the Council's proceedings, and

WHEREAS, the Town Ordinance Code, § 20.4(a)(6) states that upon written findings entered into the journal, the Mayor and Council may exempt the purchase of a good or service from competitive selection processes when the purchase qualifies as a sole source procurement as a result of several circumstances including: One vendor is the only one qualified or eligible or is quite obviously the most qualified or eligible to provide the good or service or the procurement is of such a specialized nature or related to a specific geographic location that only a single source, by virtue of experience, expertise, proximity, or ownership of intellectual property rights, and could most satisfactorily provide the good or service, and

WHEREAS, the Chief of Police finds it necessary to purchase a 2014 Dodge Charger (60,638 miles) that is equipped with a 2019 American Aluminum transport kennel, K9 heat alarm, SoundOff lights and siren, Axon in-car camera system, Verizon Network Fleet GPS system, and a Motorola in car radio that values at $17,000, and

WHEREAS, the Chief of Police finds it necessary to purchase one 2012 Dodge Charger Pursuit (42,315 miles) that is equipped with Lojack, Axon in-car camera system, SoundOff lights and siren, Prograd Prisoner Cage, and a Motorola in -car radio that values at $15,000, and

THE TOWN OF FOREST HEIGHTS

RESOLUTION 53-20

WHEREAS, the Chief of Police finds it necessary to purchase one 2012 Dodge Charger Pursuit (64,576 miles) that is equipped with SoundOff lights and siren and a Motorola in car radio that values $11,567, and

WHEREAS, the Mayor and Council desire to purchase three fully equipped Dodge Charger Pursuit vehicles from the City of Seat Pleasant and where the City of Seat Pleasant to provide a vehicle titles without a lien within one week of receiving payment in full, and

WHEREAS, the Chief of Police had all Dodge Charger Pursuit vehicles inspected by a certified ASE certified mechanic from Norris Garage who regularly works and inspects the Town's vehicles, and

WHEREAS, the City of Seat Pleasant is selling the three fully equipped vehicles well below market value for a price of $15,533.51, and

WHEREAS, the Treasurer has certified that the funds are available under line item 7074 and it has been verified that the City of Seat Pleasant is a unique provider has made government sales, and the procurement is for items of a specialized nature in accordance with Section 20.4(a)(6) of the Ordinance Code for the Town of Forest Heights, and

NOW THEREFORE, BE IT RESOLVED that the Mayor and Town Council of Town of Forest Heights, Maryland hereby authorize the Chief of Police to purchase three fully equipped used Dodge Charger Pursuit vehicles from City of Seat Pleasant for a price not to exceed $15,533.51.This transaction will proceed as further described herein and in the above recitals which are incorporated by reference herein.

PASSED this ___day of May 2020.

APPROVED: By Resolution of the Town Council of The Town of Forest Heights, Maryland

ROLL CALL VOTE	YEA/NAY/ABSTAIN/ABSENT
MUHAMMAD	_____
KENNEDY II	_____
NOBLE	_____
BARNES	_____
HINES	_____
WASHINGTON	_____
ATKINSON	_____

THE TOWN OF FOREST HEIGHTS

RESOLUTION 53-20

ATTEST:

THE MAYOR AND COUNCIL OF THE TOWN OF FOREST HEIGHTS, MARYLAND

_____
Sherletta Hawkins,Town Clerk

By:_____
Habeeb-Ullah Muhammad, Mayor

By:_____
Calvin Washington, Council President

CERTIFICATION

I, hereby certify, as the duly appointed Town Clerk of the Town of Forest Heights, Maryland, that on the __ day of October 2020 with ____Aye votes and ____ Nay votes the aforesaid Resolution __-20 passed.

_____
Sherletta Hawkins, Town Clerk

Exhibit A

City of Seat Pleasant
6301 Addison Road
Seat Pleasant, MD 20743
3013362600

INVOICE

Invoice #	002
Invoice Date	09/15/20
Amount Due:	$15,533.51

Bill To:

Town Forest Heights Police Department
5508 Arapahoe Drive
Forest Heights, MD 20745
United States

Ship To:

5508 Arapahoe Drive
Forest Heights, MD 20745
United States

Due Date	Terms	Sales Rep
10/30/20		Lt. Marcus Jones

Item	Description	Quantity	Price	Amount
Sales	Used Motorola APX 7500 Mobile Radio	3		$2,933.51
Sales	Used 2014 Dodge Charger K9 Unit (VIN: 2C3CDXAG2EH279576)	1	$4,200.00	$4,200.00
Sales	Used 2012 Dodge Charger Unmarked Unit (VIN: 2C3CDXAG7CH304453)	1	$4,200.00	$4,200.00
Sales	Used 2012 Dodge Charger (VIN: 2C3CDXAGXCH305676)	1	$4,200.00	$4,200.00
	)			

Subtotal:	$15,533.51
Sales Tax:	$0.00
Total:	$15,533.51
Payments:	$0.00
Amount Due:	$15,533.51

To pay online, go to https://app.bill.com/p/cityofseatpleasant

THE TOWN OF FOREST HEIGHTS
RESOLUTION 55-20

A RESOLUTION TO SELECT AND APPROVE A FEE PROPOSAL FROM FES GROUP, LLC TO STABILIZE STEEP SLOPES OVERLOOKING SACHEM DRIVE

Introduced by: Mayor Habeeb-Ullah Muhammad

WHEREAS, the Charter, Section 33-73 (Public ways, control) states that the Town of Forest Heights (the "Town") shall have control of all public ways in the Town except such as may be under the jurisdiction of the State Roads Commission of Maryland or Prince George's County and that subject to the laws of the State of Maryland and this Charter, the Town may do whatever it deems necessary to establish, operate, and maintain in good condition the public ways of the Town; and

WHEREAS, pursuant to Section 33-20(b)(11) (Cooperative activities) of the Town Charter, the Council is authorized to make agreements with other municipalities, counties, districts, bureaus, commissions, and governmental authorities for the joint performance of or for cooperation in the performance of any governmental functions; and

WHEREAS, pursuant to Section 33-20(b)(36) (Obstructions) of the Town Charter, the Council is authorized to remove all nuisances and obstructions from the streets, lanes and alleys and from any lots adjoining thereto, or any other places within the limits of the Town; and

WHEREAS, in 1961 the Town entered into an agreement with the State Roads Commission to assume responsibility for maintaining Sachem Drive even though the roadway is located within the State Right -of-Way; and

WHEREAS, the Town wishes to install certain improvements to protect certain vulnerable areas of steep slopes situated adjacent to 5813 Sachem Drive that are causing erosion and potential mudslides into the roadway; and

WHEREAS, the SHA District Engineer for Dist. 3 has agreed to grant the Town permission to enter State property and make the necessary improvements provided the Town assumes responsibility for those improvements and Town Council has approved a Right of Entry and Maintenance Agreement dated March 9, 2020 between the Town of Forest Heights and the State Highway Administration; and

WHEREAS, the Mayor and Council finds that the present condition of the steep slopes along Sachem Drive near or abutting 5813 Sachem Drive poses a real if not an imminent threat to the health, safety and welfare of the travelling public; and

WHEREAS, the Town has formally made a request for proposals for Slope Erosion Repair and Stabilization (RFP No. 01-2020) with a pre-bid meeting on May 19, 2020, a submission deadline on June 1, 2020 and bid/proposal opening occurring on June 5, 2020; and

THE TOWN OF FOREST HEIGHTS
RESOLUTION 55-20

WHEREAS, the necessary improvements have been inspected and surveyed on site and recommended by qualified experts and the staff has obtained two (2) proposals to install certain stabilization design parameters; and

WHEREAS, Arya Civil, LLC has submitted a proposal for slope erosion and stabilization (100 LF) along Sachem Drive to design and construct a retaining wall along with underdrain and riprap on the slope to protect it from erosion in the future at a project cost of $1,022,500.00, which is attached hereto as Exhibit 1; and

WHEREAS, a similar proposal from FES Group to perform the construction for the slope stabilization and the design and geotechnical engineering to be completed by its engineering subcontractor, KCI Technologies, Inc., would repair only the section of the slope that has presently failed (~30' X 100'), with a scope of services consisting of designs, survey, traffic control plan and construction services necessary to construct long-term slope stabilization elements where the existing slopes failed at a project cost of $300,000.00; and

WHEREAS, the Town is further interested in ultimately providing stabilization for the entire length of the slope along Sachem Drive which is several times larger in terms of linear feet; however, staff recommends that the Town initially address and repair the failed section of the slope initially as phase 1 of approximately 100 linear feet, but Staff recommends that the Town proceed with completing the rest of the area over time as more funding is identified for phases 2 or 3, for the approximately 500 additional linear feet remaining that may also need remediation; and

WHEREAS, notwithstanding the fact that in these circumstances competitive proposals were obtained, as described above, the Mayor and Council could reject the proposals and by a two-thirds vote may waive the competitive bidding requirements of said section for good cause shown for sole source procurements of unique products and services provided that written findings as to the basis of such waiver are placed in the journal of the Council's proceedings; and

WHEREAS, the Mayor and Council find that FES Group, LLC's services are the lowest or best bid in terms of the quality of goods and work, time of delivery or completion, and responsibility of bidders being considered and will adequately address the particular needs of the Town in supplying this public works project in an incremental yet cost effective manner.

NOW THEREFORE BE IT RESOLVED that the Town Council hereby awards the proposal, and approves and authorizes a Fee Proposal (Project No. FES19-056) in the amount of $300,000.00 with certain conditions and exclusions enumerated therein, for the design, construction and stabilization of a slope failure along Sachem Drive dated June 26, 2020 and prepared by FES Group, LLC, a Maryland company that is in good standing with the State, which is attached hereto and incorporated by reference herein as Exhibit 2.

AND, BE IT FURTHER RESOLVED that the Town Council hereby authorizes the Mayor to negotiate and finalize a written contract with FES Group, LLC to be paid pursuant to

THE TOWN OF FOREST HEIGHTS
RESOLUTION 55-20

FY21 Budget Line Item 8000 with any proofs of insurance and indemnifications deemed necessary by the Town Administrator to protect the Town and carry out the performance of the project described herein.

AND BE IT FURTHER RESOLVED that the parties shall enter into a service agreement agreed to by both parties and subject to approval by the Mayor and Council of the Town of Forest Heights at a public meeting prior to the commencement of any work; and

AND BE IT FURTHER RESOLVED that this Resolution shall take effect immediately upon its passage.

PASSED this ___ day of October 2020.

APPROVED: By Resolution of the Town Council of The Town of Forest Heights, Maryland.

ROLL CALL VOTE	YEA/NAY/ABSTAIN/ABSENT
MUHAMMAD	_____
KENNEDY II	_____
ATKINSON	_____
BARNES	_____
HINES	_____
WASHINGTON	_____
NOBLE	_____

ATTEST:

THE MAYOR AND COUNCIL OF THE
TOWN OF FOREST HEIGHTS, MARYLAND

_____
Sherletta Hawkins, Town Clerk

By: _____
Habeeb-Ullah Muhammad, Mayor

By: _____
Calvin Washington, Council President

THE TOWN OF FOREST HEIGHTS
RESOLUTION 55-20

CERTIFICATION

I, hereby certify, as the duly appointed Town Clerk of the Town of Forest Heights, Maryland, that on the __ of October 2020 with ___ Aye votes and ____ Nay vote the aforesaid Resolution __-20 passed.

_____
Sherletta Hawkins, Town Clerk

[Exhibits 1 & 2 Vendor Proposals (2)]

Sachem Drive Hill Slide Fact Sheet

(RFP Responses Received)

ARYA CIVIL, LLC

Proposed Scope of Work:

-Construction of Retaining Wall w/ Underdrain to direct water run-off (Height approximately 10 feet)

-Support of Excavation (SOE) (Metal or wood supports installed temporarily to protect properties during construction)

-Install riprap to prevent future erosion

-Related Engineering Services*

-Removal of Trees in failed area

-Shaping Remaining Portion of Slope to conform

(Total Cost: $1,022,500.00)

FES GROUP

Proposed Scope of Work:

-Construction of 6-foot Modular Retaining Wall w/ shallow swale to direct water run-off to an inlet

-Related Engineering Services*

-Shaping Remaining Portion of Slope to conform

-Slope stabilization system (Galvanized wiring & helical anchors, topsoil)

-Seeding Slope Surface

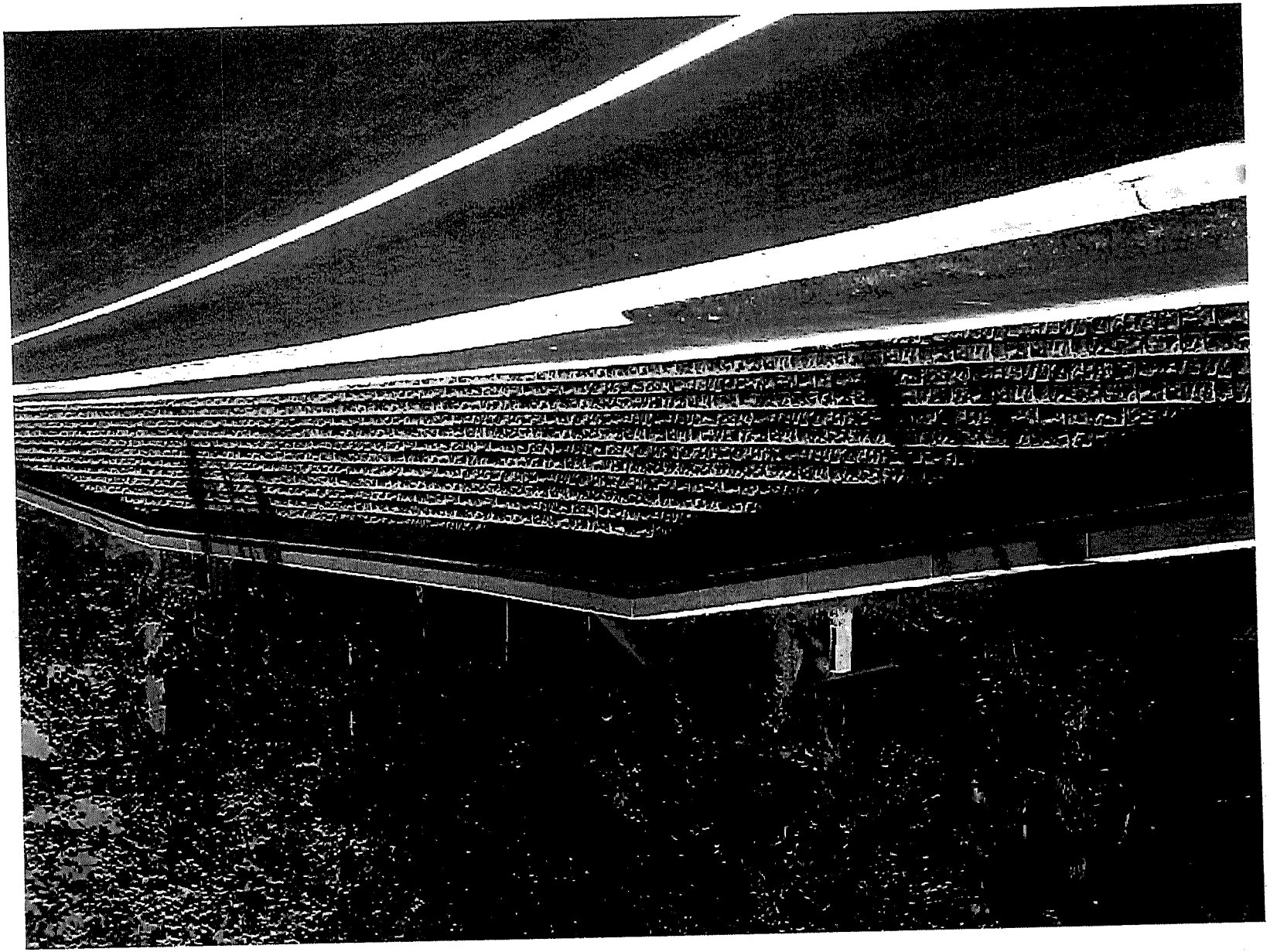
-Removal of Trees & Debris that interferes with construction

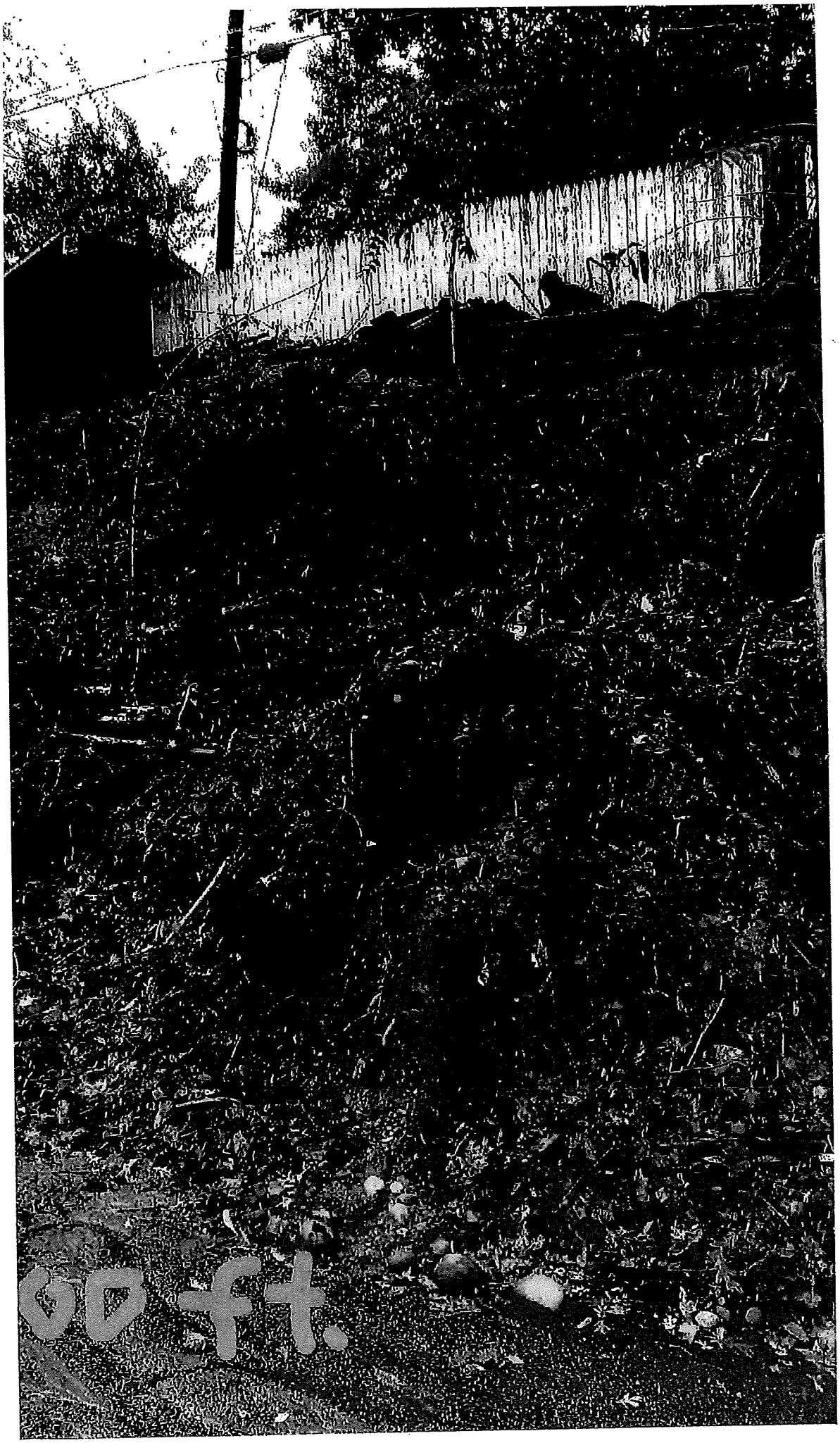
(Total Cost: $300,000.00)

BOTH PROPOSALS INCLUDE APPROX. 100 LINEAR FEET AND APPROX. 30 FEET HIGH PROJECT AREA.

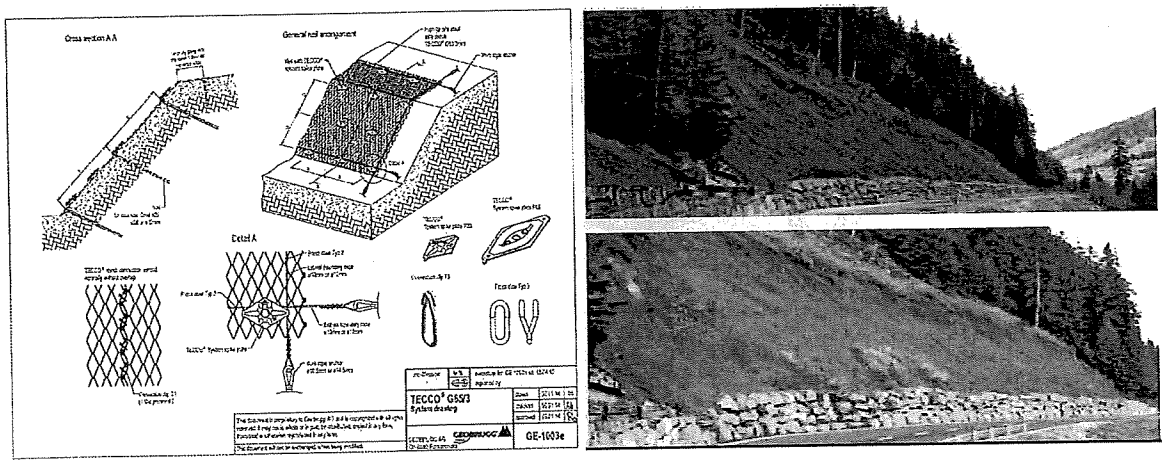
(*See Project Proposal)

SAMPLE WALL.jpg Download Full screen Print Save to OneDrive




GD ff.

Fee Proposal
Engineering, Design, and Construction of Slope Erosion Repair and Stabilization
Forest Heights Slope Erosion Repair and Stabilization
Forest Heights, MD 20745
FES Project No. 19-056



Larry D. Vaughn, Public Works Director
Town of Forest Heights
5508 Arapahoe Drive
Forest Heights, MD 20745
O: 301-839-1030; E: ldvaughn@forestheightsmd.gov

Raja S. El-Awar, MSCE, PE
FES Group, LLC
8296 Sherwick Court
Jessup, MD 20794
O: 301-490-8571 x24; M: 757-287-1737; E: rselawar@cclint.com
June 29, 2020

Table of Contents

SECTION 1:
COVER LETTER

FES Group, LLC
8296 Sherwick Court, Jessup, MD 20794, USA
T: +1 (301) 490 8571 E: info@fes-ccl.com W: www.fes-ccl.com

June 26, 2020

Town of Forest Heights
Municipal Building
5508 Arapahoe Drive
Forest Heights, MD 20745

Larry D. Vaughn, Public Works Director
O: 301-839-1030; E: ldvaughn@forestheightsmd.gov

Re: Cover Letter – Engineering, Design and Construction of Slope Reinforcement and Slope Protection
Forest Heights Slope Erosion Repair and Stabilization
Forest Heights, MD 20745
Project No. FES19-056

Dear Mr. Vaughn,

FES Group is interested in performing the necessary services for this project to meet the requirements of the City of Forrest Heights and the safety of the Public. In this regard, we have assembled a team of engineers and contractors in order to accomplish the tasks necessary to meet the requirements of the RFP as submitted by Forrest Heights. We are requesting the City of Forrest Heights to award FES Group this project.

FES Group specializes in design/build foundations, retaining walls and slope stabilization. The Forest Heights Slope Erosion Repair and Stabilization is a project considered a category of our expertise. We have teamed up with **KCI Technologies, Inc.** a National Multi-Disciplinary Company to perform the design work necessary for this project, which should give us the expertise, depth and the large number of staff to accomplish this project in a timely manner.

Our vision for this project consists of an aesthetically pleasing finish which consists of a modular retaining wall at the base of the slope, which is approximately six (6) feet in height designed and constructed behined the edge of the pavement and approximately a slope of two (2) horizontal to one (1) vertical (2H:1V) that is stabilized with high strength galvanized wiring and helical anchors to the crest of the slope. The finished reinforced slope should allow the growth of grass which will hide the facial reinforcement unit over time. The surface drainage at the crest will be accomodated with a shallow swale to direct the surface run-off away from the slope and protect it from long term erosion issue.

The tasks that will be required to accompplish the end results for this project will consist of the following:

1. Survey of existing features to develop a topgraphic survey to allow us to design a slope reinforcement system.
2. Performance of soil borings and development of limited geotechnical engineering report.
3. Design of the slope stabilizations.

4. Engineering, Design and Shop Drawings. These will be submitted to the City of Forrest heights to review and approve prior to initiating the construction services..
5. Mobilize to the site and construct the silt fence required prior to constructing the slope stabilization elements.
6. Placement of traffic control
7. Removal of trees and debris that enterferes with the construction of the slope protection.
8. Constructing the modular retaining wall at the base of the slope.
9. Shaping the remaining portion of the slope, by either shallow fillingr cutting.
10. Instalation of the helical anchors.
11. Installation of the high strength wiring and topsoil
12. Seeding the surface of the slope.
13. Remove the silt fence.
14. Turn over the project to the City of Forrest Heights.

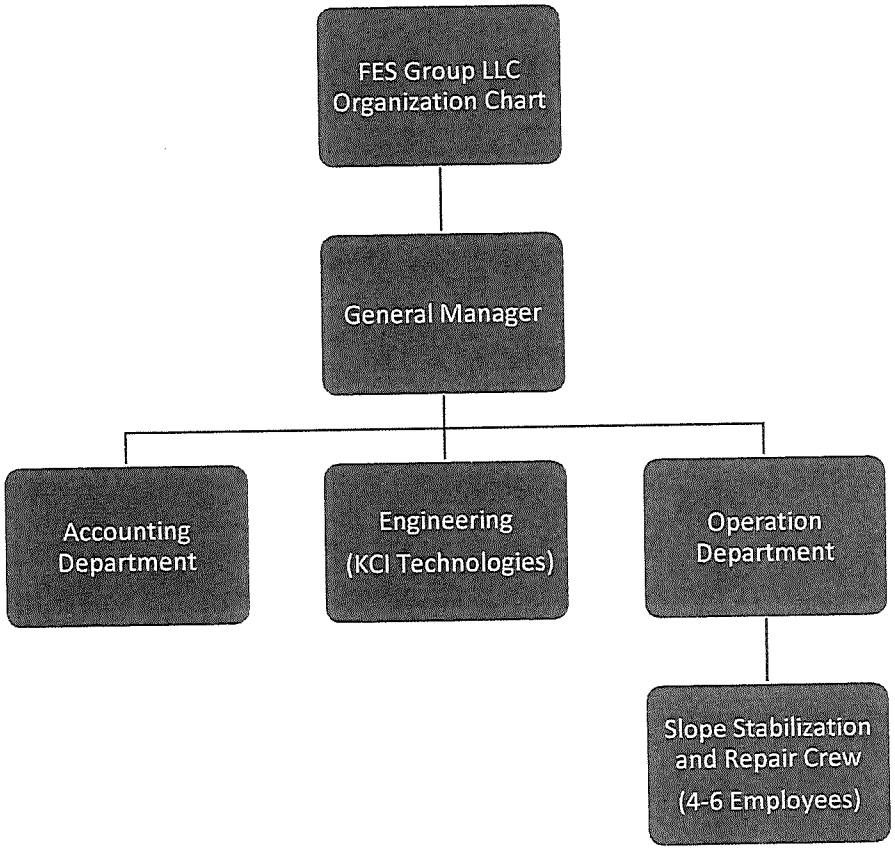
FES Group appreciates the opportunity of submitting this technical and fee proposal to the **City of Forrest Heights** and looks forward to your favorable review and awarding us this contract. Should you have any questions concerning our proposal, please contact us at E: rselawar@cclint.com, O: 301-490-8571 EXT: 24, or M: 757-287-1737.

Respectfully submitted,
FES Group, LLC
Raja S. El-Awar
Raja S. El-Awar, MSCE, PE
General Manager

MD Professional Engineer License 019823 - Expires October 23, 2020
MD Construction Firm License 13019936 - Expires April 30, 2021

F:\Projects\Proposals\FES19-056 Forest Heights Slope Failure, Forest Heights, MD\06 26 2020 FES Group Cover Letter, Forest Heights Slope Erosion Repair and Stabilization, Forest Heights, MD.docx

SECTION 2:
STAFFING PLAN AND RESUMES


FES Group LLC
Organization Chart
General Manager
Accounting
Department
Engineering
(KCI Technologies)
Operation
Department
Slope Stabilization
and Repair Crew
(4-6 Employees)

FES Group, LLC
8296 Sherwick Court, Jessup, MD 20794, USA
T: +1 (301) 490 8571 E: info@fes-ccl.com W: www.fes-ccl.com

Raja S. El-Awar, MSCE, PE
General Manager

Education:

MSCE Civil Engineering (Major in Geotechnical and Transportation), West Virginia University - 1984
* BSCE Civil Engineering, West Virginia University – 1981
* Engineering Honor Societies – Chi Epsilon & Tau Beta Phi, since 1984

Registrations/Certifications:

Professional Engineer: VA, MD, PA, DE & DC
* Contractor: MD, VA & DC
* FHWA - Soils and Foundations; Design and Construction of Geotextile Engineered Products; Drilled Shafts Construction Procedures and Design; Design and Construction of Driven Piles; Design of Piles and Drilled Shafts under Lateral Load.
* Environmental Site Audits Phases I & II
* Certified Diver (NAUI)
* NCDOT – Advanced Management Levels I, II & III
* PSI – Management Training and Environmental Site Assessment Level I
* Tompkins – 30 Hour OSHA, 2010
* Fasteel – Helical Piers & Anchors Installation and Load Tests

Years of Experience:

35 Years

Years with FES Group:

6 Years

Mr. El-Awar manages FES Group's geotechnical specialty contracting (Design/Build) services in the United States. He is a professional engineer with more than thirty-five (35) years of experience as a geotechnical specialist (technical, inspection, design, and contracting services). Mr. El-Awar is responsible for managing and developing the staff, business, projects, proposals, engineering and design, field operations, vendors' product evaluation, finances, contracts, safety, and clients.

High View Condominium Phase 2 Retaining Wall Repair
The project consists of a 1,200 linear foot segmental retaining wall with an average height of 25 feet, which is experiencing signs of failure. The owner employed the services of FES Group to stabilize and reinforce the failing sections of the wall. This consisted of helical anchors, high strength galvanized wire, drainage swales and aluminum safety fences.

AFRRI Buildings #43 and #47, Bethesda, MD
This project consisted of designing and constructing a segmental retaining wall and support of excavation. The segmental wall required steep slope stabilization for the excavation and approximately 15 feet of vertical cut adjacent to the existing building. FES Group constructed the helical anchors and shotcrete required to stabilize the SOE. Mr. El-Awar performed geotechnical analyses and design for stabilizing a retaining wall failure for the building additions with the Armed Forces Radiobiology Research Institute (AFRRI) located on the National Naval Medical Center (NMMC) in Bethesda, Maryland.

Parkway Overlook Apartments, Washington DC
This project consisted of designing and constructing 17 segmental retaining walls and steep slope stabilization. Mr. El-Awar performed geotechnical analyses and design for the segmental retaining walls including the steep slope stabilization and supervised the construction of the steep slope stabilization portion of the project.

Amir Rezaei,
Project Engineer

Education:

Registrations/Certifications:

Years of Experience:

10 Years

Years with FES Group:

3 Years

Mr. Rezaei is a project engineer with FES with approximately three years of experience in geotechnical, civil engineering, and construction monitoring. His expertise includes subsurface exploration, analyses and designs of geotechnical structures including building foundations, earth foundations, retaining walls, reinforced soil slopes, ground improvements, and slope stability. Amir has designed and supervised retaining walls and deep foundation support design and construction, subsurface investigations and evaluations, excavation support and shoring systems, ground improvements and slope stability.

Mr. Rezaei is proficient in developing scopes of work, technical specifications, construction coordination, and observation and documentation to assure quality control of contractor's work throughout project execution. He is responsible for managing multiple projects, interacting with client reps, negotiating and managing project budgets, providing technical leadership, and supervising the work of field personnel.

High View Condominium Phase 2 Retaining Wall Repair

Mr. Rezaei was the task manager and technical lead responsible for engineering analysis, preparing all contract documents, and obtaining permits. Tasks included engineering analysis, preparation of contract documents, and construction oversite and monitoring.

AFRRI Buildings #43 and #47, Bethesda, MD

Mr. Rezaei was the task manager and technical lead responsible for engineering analysis, preparing all contract documents, and obtaining permits. Tasks included engineering analysis, preparation of contract documents, and construction oversite and monitoring.

Parkway Overlook Apartments, Washington DC

Mr. Rezaei was the task manager and technical lead responsible for engineering analysis, preparing all contract documents, and obtaining permits. Tasks included engineering analysis, preparation of contract documents, and construction oversite and monitoring.

Tyler Hagelin, Construction Foreman

Registrations/Certifications:

OSHA 30, Fall Protection, Forklift Certified and All-Terrain off-road license

Years of Experience:

13 Years

Years with FES Group:

2 Years

Mr. Hagelin is an experienced Foreman and Operator of numerous types of construction equipment. Mr. Hagelin has in excess of 10 years of experience in the construction field. His expertise includes constructing and testing deep foundation systems, modular retaining walls and steep slope stabilization projects. He supervises a crew of 3 to 5 skilled and general labor staff to construct the assigned geotechnical specialty projects.

High View Condominium Phase 2 Retaining Wall Repair

Mr. Hagelin was the task foreman to construct the repairs for the failed segmental retaining walls, which included Helical Anchors, High Strength Wire, Swale Construction and Helical Anchor Pull Test. The project consisted of stabilizing an area of approximately 3,500 square feet and the installation of approximately 60 helical anchors.

AFRRI Buildings #43 and #47, Bethesda, MD

Mr. Hagelin was the task foreman to construct the segmental retaining wall, which included Helical Anchors, High Strength Wire and Helical Anchor Pull Test. The project consisted of stabilizing an area of approximately 3,000 square feet and the installation of approximately 60 helical anchors for Steep Slopes and Support of Excavation.

Mr. Hagelin was the task foreman was responsible for the accuracy of the construction of various elements of the geotechnical specialty elements. In addition to the construction, Mr. Hagelin was responsible for the safety of his crew and constructing the designed elements as per the approved shop drawings.

Parkway Overlook Apartments, Washington DC

Mr. Hagelin was the task foreman was responsible for the accuracy of the construction of various elements of the geotechnical specialty elements. In addition to the construction, Mr. Hagelin was responsible for the safety of his crew and constructing the designed elements as per the approved shop drawings.

CHARBEL KHOURY, PHD, PE

Project Manager
Senior Geotechnical Engineer

Education:
PhD / 2010 / Civil Engineering / University of Oklahoma
MS / 2004 / Civil Engineering / University of Oklahoma
BE / 2002 / Civil Engineering / Lebanese American University

Registrations/Certifications:
PE / MD / 45287 / 2013
PE / NJ / 69600 / 2013
PE / VA / 0402052842 / 2014
Also PE in DC, GA, TX

Years Experience:
18 years

Years with KCI:
6 years

Dr. Khoury manages KCI's Geotechnical Engineering Practice. He is a professional engineer, researcher, and instructor with more than 18 years of experience in geotechnical, geo-environmental and pavement engineering applications. His experience includes residential, commercial, and highway projects for private and public agencies. His expertise includes subsurface exploration, analyses and designs of geotechnical structures including building foundations, earth foundations, retaining walls, reinforced soil slopes, ground improvements, slope stability, embankments, and pavements. Dr. Khoury is proficient in developing technical specifications, and assure quality control during construction.

Dr. Khoury is proficient in theoretical and practical geotechnical engineering. He manages multiple projects, supervising other engineering personnel as well as preparing geotechnical reports and proposals. Dr. Khoury has extensive experience and is proficient in applying numerical analysis such as PLAXIS, SEEP/W to solving complex geotechnical engineering projects.

Piscataway Drive – Emergency Slope Failure Repair, Prince George County, MD. As a Senior Project Engineer, Dr. Khoury evaluated the subsurface exploration program which included more than 15 soil test borings, 10 cone penetration tests and piezometers. The project is located on Piscataway Drive, Ft. Washington, MD and lies within the Chesapeake Bay Critical Area known to contain Marlboro clays. A 60-foot high slope encountered sliding/failure along Piscataway Drive with major ground movements, leaving several homes sitting precariously at the edge of the newly formed cliff. Dr. Khoury performed global stability analyses for post-failure slopes and back-calculation analyses for the critical shear strength of the Marlboro clay based on field and laboratory data. He provided mitigation options for slope and roadway repairs, and performed final design of a soil-structural-interaction system consisting of H-piles and geogrid stabilization. Dr. Khoury provided construction specifications and special provisions, and has been overseeing and analyzing the field instrumentation including inclinometers for ground/slope movement, groundwater monitoring wells during and after construction. Dr. Khoury also performed vibration monitoring during installation of piles.

Cougar Drive – Slope Failure Repair, Anne Arundel County, MD. Dr. Khoury performed forensic geotechnical engineering investigation including subsurface exploration, slope stability analyses, and slope remediation design options and recommendations for stabilizing the failed slope for this project. The project consists of 30 feet high steep (1.5H:1V) slope adjacent to an existing private residency in Millersville, Maryland. The wooded slope has experienced significant erosion causing slope failure and unstable site conditions. Field investigation included site reconnaissance to observe and identify slope failures and ground movement, and soil test borings to evaluate the subsurface conditions and soil characteristics. Dr. Khoury investigated and designed slope repair stabilization options including Gabion Baskets, and Riprap Stones systems. He also provided cost estimate for both repair options, and prepared construction documents including plans and special provisions for bidding.

Point Way – Slope Failure Repairs and Retaining Wall Design, Anne Arundel, County. Dr. Khoury performed subsurface exploration, geotechnical analyses and design for stabilizing the Point Way Slope and Wall Failure located near a private residential home in Arnold, Maryland. Due to a septic tank within the retaining wall area, it was necessary to re-align the wall and shift away from the residency and towards the existing roadway. Dr. Khoury evaluated and designed four alternative retaining wall types for protecting the existing road, slope, and existing house. The investigated and design four wall types included Precast Concrete Modular Block with Tie-backs, H-piles and lagging, Cast-In-Place Concrete, and Sheet piles. Dr. Khoury provided full analyses and design as well as detailed cost analyses and advantages/disadvantages for each wall type.

Governor Martin – Slope Failure & Pond Repair, Howard County, MD. Dr. Khoury performed forensic geotechnical engineering studies and developed remedial design to repair failed slope and rehabilitate the existing SWM pond for this project. The project consists of a storm water management pond facility, and a failed channel outfall slope. The site slopes have variable inclinations with the steepest of 1.5H:1V within the deep-seated slope failed area. The slope failure measures approximately 20 to 25 feet wide by 10 to 15 feet deep and extending 45 feet from an existing storm sewer outfall. Investigation included site reconnaissance, soil test borings and forensic slope failure evaluations. Dr. Khoury investigated and designed slope repair stabilization options including Riprap Stone and Gabion Line system with geotextile within the deep-seated failed slope to achieve a 3H:1V slope inclination.

KOFI ACHEAMPONG, PHD, PE, ENV SP

Chief Geotechnical Engineer

Education:
PhD / 1996 / Civil & Environmental Engineering (Geotechnical En / University of Massachusetts, Amherst, MA
MS / 1990 / Civil Engineering (Structural Engineering) / Technion- Israel Institute of Technology, Haifa, Israel
BS / 1985 / Civil Engineering / University of Science and Technology, Ghana

Registrations/Certifications:
PE / MD / 0033722 / 2006
PE / CT / 0022321 / 2001
PE / DC / PE905863 / 2010
PE / DE / 17842 /
PE / FL / 76517 / 2013
PE / NC / 041238 / 2014
PE / PA / PE079014 / 2011
PE / SC / 31607 / 2014
PE / VA / 0402048517 / 2011
Envision Sustainability Professional Credential (ENV SP)

Years Experience:
34 years

Years with Firm:
14 years

Dr. Acheampong is a Board Certified Geotechnical Engineer and a licensed Professional Engineer with 34 years of practical project experience and expertise in geotechnical, geo-environmental, geological and civil engineering, construction monitoring and material testing. He has strong technical and multidsciplinary background in geo-structures and geo-forensics. Kofi has designed and supervised subsurface investigations and evaluations, excavation support and shoring systems, shallow and deep foundations, ground improvements, slope stability, retaining walls design, and seismic evaluations. In addition, he has technical expertise in site-specific geologic and seismic hazard evaluations and liquefaction analysis, soil-structure modeling, geo-data analysis tools and software. Dr. Acheampong's unique technical skills in integrating construction knowledge and experiences into the design process have proved invaluable in developing creative and value-engineered solutions for several Design/Build projects.

Dr. Acheampong is proficient in developing scope of work, develop technical specifications, bidding and contractor selection, construction coordination, observation and documentation to assure quality control of contractor's work throughout project execution. He is responsible for managing multiple projects, interacting with client reps, developing proposals, negotiating and managing project budgets, providing technical leadership, and supervising the work of engineering personnel.

Piscataway Drive Emergency Slope Failure Repairs, Prince George's County DPWT, MD. Chief Geotechnical Engineer. Dr. Acheampong led KCI's forensic investigations of this major landslide/slope failures and roadway pavement failure. The project is located on Piscataway Drive, Ft. Washington, MD and lies within the Chesapeake Bay Critical Area known to contain Marlboro clays. A slope failure along Piscataway Drive occurred with major ground movements and roadway pavement distresses. The existing roadway falls in the middle of the slide area as high as 60 feet bordered by steep slopes on both sides with homes perched above and below the roadway. Dr. Acheampong utilized geotechnical explorations and in-situ testing including SPT and Cone Penetrometer soundings and Dilatometer tests, and monitored continuing ground and slope movements via inclinometers and groundwater monitoring well instrumentation to identify critical subsurface conditions such buildup of pore pressures and residual stress states in the local Marlboro Clay as the source of the geologic movements and ground failure. He designed a range of slope stabilization and ground remediation measures options including driven steel piles, re-grading to flatten slopes, and soil reinforcement along the slope surface.

Race Road Slope Failure Repairs and Excavation Support, Anne Arundel County, MD. Project consisted of approximately 120-foot section of an existing slope between Race Road and Deep Run Creek stream bank that had failed with significant ground movements from crest to toe. In addition, significant portions of the stream bank within this area showed evidence of undermining due to scouring and erosive action of water flow within Deep Run Creek. Dr. Acheampong developed and supervised a subsurface exploration program consisting of test borings, undisturbed sampling and lab testing to determine soil strength parameters. He performed geo-forensic evaluations to determine the cause of the slope failures; performed remedial slope stability analyses and developed a permanent excavation support system to protect the roadway. Roadway protection included soldier H-piles and concrete lagging wall along the roadway shoulder. The repair and design also included protection of the toe of slope and creek bank from erosive action of the stream flow using imbricated stone wall system.

MDSHA - Slope Failure Repair on MD 100WB Ramp from MD 170SB, Anne Arundel County, MD. Dr. Acheampong performed forensic engineering investigation including subsurface investigation, slope stability analyses, and slope remediation design for this project. The project consists of 35 to 50 foot high roadway embankment adjacent to an existing over an AMTRAK railroad. The slope failure extends over 1,500 linear feet and included surficial sliding, erosion, washouts, caverns and sales. Field investigation included site reconnaissance to observe and identify slope failures and ground movement, and ten soil test borings. Dr. Acheampong investigated and designed slope repair stabilization options including Cellular Confining System, Anchored Reinforced Geogrid System, Tensioned Wire Mesh Reinfocred System (TWRS) with ground anchors, and Driven Plate Piles. He also provided cost estimate for all repair options.

RYAN BURDETTE, PE, CPSWQ

Water Resources Engineer

Education:
BS / 2003/ Biological Resource Engineering / University of Maryland College Park

Registrations/Certifications:
PE / MD / 45287 / 2013
PE / NJ / 69600 / 2013
PE / VA / 0402052842 / 2014
Also PE in DC, GA, TX
2010 / Maryland Professional Engineer (39696)
2017 / Rosgen / Applied Fluvial Geomorphology (Level I)
2018 / Rosgen / Applied Fluvial Geomorphology (Level II)
2018 / Rosgen / Applied Fluvial Geomorphology (Level III)
2019 / Rosgen / Applied Fluvial Geomorphology (Level IV)
IECA Certified Professional in Storm Water Quality / 00001104
MTBMA Erosion and Sediment Control Yellow Card / 17-182
MDE Erosion and Sediment Control Green Card / 45805
MDE WMA Sediment and Stormwater Plan Reviewer / 2015

Years Experience:
18 years

Years with KCI:
18 years

Mr. Burdette is a senior project manager in KCI's Water Resources Practice with expertise in design and analyses of stormwater management facilities and Environmental Site Design (ESD) micro-practices, erosion and sediment control, open/closed drainage systems, and culvert design, H&H and floodplain analysis, outfall restoration, scour countermeasure design, and preparation of construction drawings and all related deliverables required for permitting and regulatory approvals.

Stormwater and Watershed Management Evaluation /Design/Build Services, CA 14-2018, CA 23-2013 and CA 08-29, Department of Public Works, Bureau of Engineering, Howard County, MD. ***Task Manager.*** Ellicott City, Main Street: Mr. Burdette is the task manager in charge of several projects designed to address the severe flooding that has occurred within Ellicott City. He has been leading the design for culvert and stormdrain upgrades along portions of Main Street, these projects have included surveys, geotechnical investigations, traffic control plans, utility investigations, hydrologic/hydraulics analysis, structural design and public involvement services. All work is being performed on a fast paced schedule due to the urgent need to improve the stormwater conveyance within the City. Whitworth Way Pond Design and Construction: Mr. Burdette was the task manager and technical lead responsible for H&H engineering analysis, stormwater management, drainage, erosion and sediment control design, oversite of support disciplines and subconsultants, preparing all contract documents, and obtaining permits to convert an existing in-stream detention basin into a proposed shallow wetland for water quality restoration credit. Tasks included field investigations, environmental impact permitting, H&H engineering analysis, preparation of contract documents, construction oversite and monitoring, post construction survey, and as-built certification.

Red Cravat Court Pond Barrel Replacement Design and Construction: Mr. Burdette was the project manager and technical lead responsible for H&H engineering analysis, stormwater management, drainage, erosion and sediment control design, oversite of support disciplines and subconsultants, preparing all contract documents, and obtaining permits to replace a large principal spillway and perform major dredging operations to repair and restore this in-stream SWM facility. Proposed improvements required complete diversion of two existing stream channels, removal of accumulated sediment inside of the pond basin, redesigning and replacing the control structure and principal spillway, geotechnical testing and design of filter diaphragm, reconstruction of the pond dam. Ryan also provided construction oversite and monitoring and provided as-built certification.

Shadow Lane SWM Pond Design and Construction: Shadow Lane Pond was a major basin dredging project to restore the pond's storage volume. Mr. Burdette was the task manager and technical lead to facilitate field investigations, environmental impact permitting, H&H engineering analysis, preparation of contract documents, as well as construction oversite and monitoring, post construction survey, and as-built certification. In addition, Ryan worked with the Contractor to design and install an impromptu Class III imbricated riprap wall to stabilize and armor a stream channel slope adjacent to an existing sanitary line that was identified during construction.

Many Mile Mews Pond Enhancements Design: Mr. Burdette is currently managing engineering and permitting services to design and prepare construction documents to replace the existing pond principal spillway, incorporate water quality enhancements, and restore and stabilize the contributing stream channel to Many Mile Mews pond. The design phase of the project is currently under development. Ryan is the technical lead for design tasks including field investigation and surveys, geotechnical testing, H&H engineering analysis, stormwater management design to convert the basin into an forebay and shallow wetland for restoration credit, channel stabilization design, preparation of project contract documents, environmental impacts reporting, and securing all permits and regulatory approvals.

Ashmede Drive Pond Enhancements Design and Construction: Mr. Burdette was the task manager responsible for H&H engineering analysis, stormwater management design, erosion and sediment control design, preparing contract documents, and obtaining permits to replace a deteriorated control structure and incorporate water quality enhancements into the existing Ashmede Drive pond. During construction, Ryan coordinated installation of an observation well to monitor groundwater elevations, a dewatering pipe through the embankment using a horizontal directional drilling rig, underdrains to drawdown surface water, and a toe drain for seepage prevention.

ROBERT SOUTHARD, PLS

Survey Manager

Education:
AA / 1980 / Surveying Technology / CCBC Catonsville

Registrations/Certifications:
PLS / MD / 239 / 1983

Years Experience:
46 years

Years with KCI:
3 years

Mr. Southard has over 40 years of surveying experience, beginning as a rodman on a survey crew and advancing through various positions both in the field and in the office. After one year of college studying Surveying Technology he began working as a rodman while continuing his education at night. He advanced through several positions in the field, moved inside as a drafter, a survey computations tech, field crew manager and survey project manager. After completing the two-year college degree program he obtained his Property Line Surveyor's License. Working as part of a survey crew or in the office he has been involved with all types of surveys including boundary, topographic, hydrographic, construction, ALTA and elevation certificates. Mr. Southard has performed boundary determinations, prepared subdivision record plats, right of way plats and metes and bounds descriptions. He also has experience on numerous construction projects including residential subdivisions, retail centers, business parks, hospitals, college campuses and high-rise multi-use buildings.

Lakemont Memorial Gardens, Service Corporation International. Davidsonville, MD. **Project Manager.** KCI is providing surveying services to prepare an updated cemetery map, which identifies new lots, mausoleum sites where space is available, and site improvements.

Surveying Services, Maryland-National Capital Park and Planning Commission. Prince George's County, MD. **Survey Chief.** KCI provided on-site survey support to the Commission for a multi-year open-end contract. The firm's survey staff assisted with downloading data from the M-NCPPC survey crew's collector and processed it on a weekly basis.

Rockville Design and Permit, Pepco Holdings, Inc.. Mongomery County, MD. **Survey Manager.** Engineering design, permitting, survey and bid document preparation for replacement of fuel and oil storage and dispensing systems at the PHIRockville Maintenance Facility.

Locust House Apartments, , Westminster, MD **Project Surveyor.** Mr. Southard was responsible for the preparation of an ALTA Survey on an existing seven-story apartment building. Surveys were performed to determine the property outline as well as locating improvements to make parking and walkways compliant with the Americans with Disabilities Act (ADA).

Belle Haven Subdivision, Baker Development & K. Hovnanian Homes, Glenwood, Howard County, MD **Survey Manager.** Construction of roads, storm drains, stormwater management facilities and hoses for a 47 large lot single family subdivision. Services included all stakeouts and location surveys for homes. Also performed as-built surveys of stormwater management ponds, roads and storm drains for acceptance by the county. Mr. Southard supervised the surveying services.

MD Rte. 210 - Indianhead Highway, MDOT State Highway Administration Central Office, Prince George's County, MD **Survey Technician/Drafter.** Project was for the widening and realignment of an existing highway. Mr. Southard was responsible for reducing field notes of property location surveys, determining property lines, computing new right-of-way lines, areas of taking and easements, drafting plats and submitting to SHA for approval. Mr. Southard was responsible for the preparation of right-of-way plats

JENNIFER BIRD

Senior Project Manager
Natural Resources Management

Education:
BS / 1996 / Environmental Science / Susquehanna University

Registrations/Certifications:
2011 / MD DNR Qualified Professional to Prepare Forest Stand Delineations and Forest Conservation Plans
2012 / Eastern Mountains & Piedmont/Coastal Plain Regional Supplement Wetland Delineation Training
2014 / Seminar – Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region
2014 / State of Maryland Erosion and Sediment Control Certification

Years Experience:
22 years

Years with KCI:
12 years

Jennifer is an environmental scientist with extensive experience conducting ecological resource, water quality, and permitting projects that focus on freshwater environments and adjacent upland habitats for a variety of public and private clients. These projects have included, but have not been limited to, extensive field studies, the analysis and interpretation of field and geographic information systems (GIS) data, literature reviews for use in permit preparation, and the preparation of environmental documentation for federal, state, and local agencies. Through her work in environmental permitting efforts, Jennifer has been involved in development of environmental compliance and permitting documents for a variety of projects including large-scale utility installation/infrastructure projects, solid waste facilities, stream restoration, bridge rehabilitation and construction, combined sewer/stormwater management facilities, and pipeline installation.

Stormwater Management Design/Build Open-End (CA 08-29). Howard County, MD. **Senior Environmental Scientist:** KCI is performing planning, design, and permitting for various design / build project assignments under this open-end contract. Jennifer is responsible for performing wetland delineations and developing permit application materials for submittal to MDE and USACE in order to secure the authorization of work within wetlands for several tasks under this contract. She regularly conducts meetings with MDE and USACE personnel to reach a consensus on permitting issues. Jennifer coordinates with MHT, MDNR, and USFWS to determine existence of historic or archaeological resources and rare, threatened, or endangered species within project limits. She develops forest stand delineations, forest conservation plans, and associated waivers / exemptions. Under this contract, Jennifer is working with the HODPW Bureau of Highways to obtain waterway construction permits for culvert improvements along New Cut Road in Ellicott City and Woodbine-Morgan Road in Woodbine.

Transportation Design Services (BCS 2011-09G). District 3. Senior Environmental Scientist. KCI is performing planning, surveying, design, environmental permitting, and construction services for various highway projects in SHA District 3. Jennifer assisted SHA in the development of the Joint Permit Application (JPA) for unavoidable impacts associated with the I-270 at Watkins Mill Road project. Jennifer coordinated permitting efforts based off of previous wetland delineations, forest stand delineations, and RTE studies performed by others. Jennifer developed the JPA, evaluated temporary and permanent impacts, designed the 8.5x11 impact graphics, and coordinated with the wetland mitigation designers. Jennifer assisted SHA in revisions to those documents based on design changes associated with the roadway and stormwater management designs. Jennifer also assisted with public outreach efforts, including presentation materials for public meetings.

MD 121/I-270 Interchange Improvements, Cabin Branch Management, LLC. Montgomery County, MD. Senior Environmental Scientist. KCI performed final design for the MD 121/I 270 Interchange Improvements project for Cabin Branch Management. Jennifer performed Natural Resources Inventory services including a wetland delineation and forest stand delineation for proposed interchange improvements in Montgomery County. She also performed permitting services including development of a Forest Conservation Plan and Roadside Tree Permit application.

Transportation Design Services (BCS 2011-02A). District 1. Senior Environmental Scientist. KCI is performing planning, surveying, design, environmental permitting, and construction services for various highway projects in SHA District 1. Jennifer has managed and completed wetland delineations in accordance with USACE (1987) protocols and the Coastal Plain regional supplement, and forest stand delineations in accordance with the MD Reforestation Act at the MD 413 and Tulls Corner Road and MD 16 at Woods Road Roundabout project. For the MD 16 at Woods Road Roundabout project, Jennifer performed wetland delineations, identified forest stands, and GPS recorded specimen trees, overall forest health, and invasive species. Jennifer conducted a pre-application meeting with MDE and USACE to reach a consensus on permitting issues and obtained wetland permits from MDE and USACE. For the MD 413 from South of Hinman Lane to US Route 13 project, Jennifer is coordinating permitting efforts based off of previous wetland delineations, forest stand delineations, and RTE studies performed by others. This project will require a Joint Permit Application submitted to MDE and USACE, as well as coordination with the Critical Area Commission for the Chesapeake and Atlantic Coastal Bays.

AARON HOTTENSTEIN, PE, PTOE

Senior Project Manager

Education:
MSCE / Civil Engineering / Texas A&M University
BSCE / Civil Engineering / Pennsylvania State University

Registrations/Certifications:
PE / DC / 900787
PE / DE / 12894
PE / GA / PE034724
PE / MD / 27032
PE / OH / 73173
PE / PA / PE075575
PE / VA / 0402 044779
SHA Temporary Traffic Control Traffic Manager
PTOE / 1510

Years Experience:
22 years

Years with KCI:
22 years

Mr. Hottenstein is a traffic and transportation engineer with more than 22 years of experience as a traffic engineer with a focus on a wide range of work zone traffic control projects. This experience includes preparing traffic control plans for utility installation, roadway widening, intersection improvements including roundabouts, and major interchange construction and rehabilitation. These projects have involved the application of the MUTCD traffic control guidelines in rural areas, as well in urban settings of major cities. Projects have included preparation of transportation management plans and maintenance of traffic alternatives analyses.

West End (8600 Main Street) Culvert and Storm Drainage Enhancement Project, Ellicott City, Maryland, Howard County Department of Public Works. Traffic Engineer responsible for preparation of a detour plan and signing and pavement marking plans for this flood mitigation project. This project was initiated in support of area-wide flood mitigation activities commissioned by Howard County in response to extreme flood events that devastated Ellicott City in July 2016 and March 2018.

MD 146 over Three Drainage Ditches, Baltimore County, Maryland, Maryland State Highway Administration, BCS 2009-03F and BCS 2014-21J. Traffic Engineer responsible for the preparation of a Maintenance of Traffic Alternatives Analysis (MOTAA) and traffic control plans for the replacement of three small culverts (Structure Nos. 03189X0, 03190X0 and 03192X0) on MD 146. MSHA chose to have KCI develop a traffic control plan with staged construction using flaggers while maintaining one lane of traffic during weekend work and a plan for a full closure of MD 146 with the use of a detour.

Odenton Area Sidewalks, Anne Arundel County Department of Public Works, Maryland. Traffic Engineer responsible for the preparation of signing and pavement marking and traffic control plans. This project will add sidewalk to one side of the roadway on three roadway segments: Monie Road from Maple Ridge Lane to Higgins Drive, Higgins Drive from Monie Road to Hammond Lane, and Hammond Lane from Higgins Drive to Maple Ridge Lane / Greenwood Street.

Duct Bank and Small Cell Program, Verizon Wireless, District of Columbia. Traffic Engineer responsible for approximately 75 projects in the District of Columbia involving the preparation of traffic control plans to support public space occupancy permit applications. The traffic control plans required KCI to prepare pedestrian traffic control to maintain active pedestrian crossings with temporary ADA ramps, temporary sidewalks and detectable pedestrian barricades. Closure of the pedestrian crosswalk required detouring pedestrians around the intersection. Closure of a sidewalk could require detouring pedestrians into a curb lane protected by detectable pedestrian barricades using temporary ADA ramps and temporary sidewalks to cross grass sidewalk strips and curbs. Maintenance of bicycle lanes required the use of shared lanes or restricting of parking to provide a temporary separate lane for bicycle use

Water Line Upgrades, Montgomery and Prince George's Counties, MD, Washington Suburban Sanitary Commission. Traffic Engineer responsible for the preparation of traffic control plans to support permit applications for the upgrade or replacement of water lines on State and County roads. The projects typically involve daily off-peak traffic control set-ups with lane closures and/or flagging operations

Survey and Engineering Services, District 1 – BCS 2011-02A, Maryland State Highway Administration. MD 16 at Woods Road Roundabout, Dorchester County. Traffic Engineer responsible for the preparation of a draft Design Request, preliminary and final signing, pavement marking, lighting and maintenance of traffic plans for this intersection improvement project. *MD 413 at Tulls Corner Road Intersection Improvement*, Somerset County. Traffic Engineer responsible for the preparation of a draft Design Request, preliminary and final signing, pavement marking, lighting and maintenance of traffic plans for this intersection improvement project. *MD 413 Shared Use Path*, Somerset County. Traffic Engineer responsible for preliminary and final signing, pavement marking, parking lot lighting and maintenance of traffic plans for the design of this 4.5-mile path. *US 50 Shared Use Path, Wicomico County*. Traffic Engineer responsible for the preparation of a draft Design Request, preliminary and final signing, pavement marking, traffic signal modification, and maintenance of traffic plans for this hiker/biker path

C. ALLEN PAUGH, RPLS

Senior Project Surveyor, Associate

Education:
AA / 1982 / Surveying Technology / Catonsville Community College
AA / 1979 / General Studies / Essex Community College

Registrations/Certifications:
PLS / MD / 475 / 1989
LS / WV / 917 (Lapsed) / 1991

Years Experience:
42 years

Years with KCI:
34 years

Mr. Paugh organizes and coordinates the work of personnel engaged in surveying, checks the accuracy of the work, and estimates field survey costs. Mr. Paugh is skilled in the preparation of large topographic and boundary surveys, and computations for GPS surveys. His expertise includes the ability to verify existing legal descriptions of properties, and he provides accurate depiction of easements and right-of-ways, existing utilities and roadways, topography, wetlands, significant structures and facilities on site as required to support general site development.

Piscataway Drive Slope Stabilization Geotechnical Studies, Transportation Design and Construction Management (S10-029), Prince George's County. Prince George's County, MD. **Surveyor.** KCI provided geotechnical studies, transportation design and construction management services for more than 1,500 lf of failing slopes and ground movements along Piscataway Drive in Fort Washington. Piscataway Drive experienced a severe slope failure in May of 2014, triggered by heavy rainfall and saturated soil on top of the Marlboro Clay layer in an area of steep slopes.

Architectural and Engineering Services - Civil Engineering, City of Rockville. Rockville, MD. **Survey Party Chief.** Under two consecutive four-year contracts, KCI provided site/civil, environmental, geotechnical, and traffic engineering; landscape architecture; and surveying services.

Chancelet Court, City of Rockville. Rockville, MD. **Surveyor.** KCI performed services for the City of Rockville. The Farm Haven subdivision experienced significant flooding, as much as three feet of standing water would backup in the street. KCI evaluated the existing system to determine if a new system was required or if a bypass storm drain could be built to carry the excess flows and eliminate the flooding of the street. KCI eventually designed a bypass(parallel system) to resolve the flooding issues.

IDC for Comprehensive A/E Ecosystem Restoration, Survey, Design, Engineering, and Investigative Services in Support of the Civil Works Program, US Army Corps of Engineers Baltimore District. Baltimore, MD. **Surveyor.** This was a five-year, multi-discipline contract for architectural and engineering services for levees, dams, and other flood damage reduction, navigation, hurricane protection, shoreline protection, design and modeling for streams, wetlands, and other ecosystem restoration projects, hydrology/hydraulics, sediment transport, stream morphology and coastal and estuarine analysis. Mr. Paugh's task include: Washington Aquaduct Surveys - records research and review of public records as well as information provided by the USACE, field boundary survey, mapping services, the setting of property corners as well as a final survey, interim reports, and a final summary. Wright's Creek Ecosystem Restoration - bathymetric survey/creek bottom comparison. Carlisle Barracks Survey - boundary survey for three parcels of land and resubdivision between the RCI and the Army. Bloomsberg Flood Damage Reduction Survey - Mr. Paugh is performing survey work to ensure that the ASPRS map accuracy standards are met. Controls will be obtained to support production of digital orthophotos, planimetric mapping, and topographic mapping standards. Poplar Island Mapping - Survey and mapping services in order to produce updated digital orthophotos and planimetric data products.

Henson Creek Golf Course Bridge and Pier, Maryland-National Capital Park and Planning Commission (PG). Prince George's County, MD. **Surveyor.** The Henson Creek Golf Course Bridge was damaged by a tree falling on it and heavy rain, which undermined the base of a pier for the 40-foot-span bridge. KCI provided engineering services for stabilizing the reinforced concrete pier in Henson Creek.

Lyman's Loop Road, Alpine Services Inc.. Fort Belvoir, VA. **Surveyor.** KCI conducted a field topographic survey of an approximate three-acre site, and prepare an existing conditions/demolition plan, grading plan, site plan, erosion and sediment control plan and two bio-retention facilities for drainage off the bleacher pad and dugout roofs for stormwater management/CPV. Plans included a three-inch water line, a two-inch meter connection, and conduit for lighting of the exit lane next to the field. Light locations and pole bases were designed. SHPO letters were filed for rare and endangered species in the area of the work and plans will be submitted to the Fort Belvoir Department of Public Works for review. Additionally, KCI will assist the client with filing for permits and reviews. Mr. Paugh completed the topographic survey for this project.

SECTION 3:
COST PROPOSAL

FES Group, LLC
8296 Sherwick Court, Jessup, MD 20794, USA
T: +1 (301) 490 8571 E: info@fes-ccl.com W: www.fes-ccl.com

June 29, 2020

Town of Forest Heights
Municipal Building
5508 Arapahoe Drive
Forest Heights, MD 20745

Larry D. Vaughn, Public Works Director
O: 301-839-1030; C: 240-993-9243, E: ldvaughn@forestheightsmd.gov

Ref: Fee Proposal – Design and Construction of Slope Erosion Repair and Stabilization
Forest Heights Slope Erosion Repair and Stabilization
Forest Heights, MD 20745
Project No. FES19-056 **R2**

Dear Mr. Vaughn,

FES Group is pleased to submit this technical and budget fee proposal for the design and construction of a slope stabilization required for the recent slope failure that occurred along Sachem Drive within the Town of Forest Heights, MD. FES Group will be performing the construction for the slope stabilization and the design and geotechnical engineering will be completed by our subcontractor, KCI Technologies, Inc.

Based on a site visit with your personnel and yourself, KCI Technologies Personnel and myself conducted on April 19, 2019, we learned that a section of a steep slope has failed due to excess surface drainage from the residence located at the crest of the slope and at address 5813 Sachem Drive. The slope plan dimension was measured to be approximately 100 feet in width by approximately 30 feet in height. The slope currently appears to be steeper than 1.5H: 1V and contains several trees and stumps of recently removed trees. The crest of the failed slope contains several residences that are built approximately 15 feet or so from the crest of the slope.

The roadway located at the toe of the recently failed slope is a two-way road, not heavily travelled, approximately 20 feet in width and located approximately 20 feet above a State Road, which is maintained by SHA. The soils located within the slope appeared to consist of sandy SILT (ML) to sandy CLAY (CL) with gravel. These soils do not possess the shear strength or cohesion to sustain steep slopes greater than 2H: 1V without the potential to fail due to surface run-off or extended rainfall events.

1.0 Terms of Reference

1. Civil Grading & Utility Plans: We are requesting the Town to provide any plans, including utility plans and real estate plans for the residences located at the crest of the slope failure and adjacent areas.

2.0 FES Group Company Information

1. Date Business Started: September 12, 2014;

2. Company Description: FES Group provides specialized geotechnical engineering and construction services to the private, commercial, and public sectors. FES offers a wide range of geotechnical specialty services designed by our engineers from performing contracting for new and repair projects for scopes

of services such as slope stabilization, deep foundation support, retaining walls, ground improvements, and concrete to consulting by offering geotechnical design, value engineering, and repair solutions.

3. Total Number of FES Group Employees: 15
4. Principal Officers:
   a. Marc S. Khoury, Chief Operations Officer, T: 617-719-2064, E: mkhoury@cclint.com
   b. Raja S. El-Awar, PE, General Manager, T: 757-287-1737, E: rselawar@cclint.com

3.0 FES Group Financial Information

1. Federal Employee Identification Number (FEIN)- 471870717
2. FES Group and our parent company CCL USA have never filed for bankruptcy or any form of reorganization under the Bankruptcy Code. FES Group and our parent company CCL USA have never received sanctions and is not currently under investigation by any regulatory or governmental body.

4.0 Scope of Work – Slope Reinforcement and Slope Protection: FES Scope of services will consist of designs, survey, traffic control plan and construction services necessary to construct long-term slope stabilization elements where the existing slopes failed. The wok will be accomplished as follows:

ENGINEERING SERVICES:

1. Subsurface Exploration and Field Sampling and Testing.
2. Geotechnical Engineering Study Report.
3. Survey of the existing conditions to develop grading plan as it exists.
4. Design of slope stabilization, which will include a short retaining wall and stabilized slope, which shall include the design parameters, slope stability, design of the anchoring system, materials to be utilized in the slope stabilization.
5. Shop Drawings and Design Submittals.
6. Construction Details of the System to be designed. This will include a short gravity wall approximately 6 feet in height and a stabilized slope with helical anchors, galvanized high strength wire, minor grading and seeding to allow grass to grow on the surface of the slope. In addition, we will construct a shallow swale at the crest of the slope to accommodate surface run-off.
7. Drainage improvements to prevent future failure.

CONSTRUCTION SERVICES:

8. Install traffic control as required by plan.
9. Install silt fence where required by erosion and sediment control plan.
10. Clear the existing slope from debris, trees and existing stumps. Live trees will not be cut; instead we will stabilize the slope around them to preventing them from being cut down.
11. Install a short six (6) foot high modular retaining wall along the street level at the toe of the slope stabilization.
12. Fill/grade the slope to allow for a smooth surface in the area to be stabilized.
13. Install Helical Anchors and High Strength Galvanized Wire for the Steep Slope Stabilization on the existing slope without changing the existing grades.
14. The slop will receive a layer of topsoil to allow seed to grow prior to installing the high strength galvanized wire.
15. Responsible for checking utility lines, coordinating and maintaining information.

16. Contact Forest Heights Geotechnical Engineer for Required Inspections, if any are required to certify the construction. We have added a budget for this inspection of approximately $15,000.00.

5.0 FES Exclusions – City Provided Services

1. Bond and permit.
2. Access to the property owners above the failed slopes.
3. Guard Rails & Fences - design, foundation design, foundation installation or construction.
4. Relocation of existing utilities.
5. Means and methods other than those specified.
6. Pumping groundwater that includes rainwater run-off, drainage from drainage pipes and groundwater dewatering.

Summary of Slope Stabilization or Cantilevered Retaining Wall					
OPTIONS	Width (feet)	Slope Length (feet)	Hav. (feet)	Stabilization Area (SF)	Remarks
Slope Stabilization	100	35	30	3,000	**Design by KCI, Shop Drawings and Construction by FES Group**
Gravity Retaining Wall	100	N/A	6	600 Exposed	

6.0A Engineering Services Fees for Geotechnical Engineering Study & Design of Slope Stabilization

1.	Subsurface Exploration and Field-Testing	LS	INCLUDED
2.	Laboratory Testing & Classification	LS	INCLUDED
3.	**Topographic Survey**	**LS**	**EXCLUDED**
4.	Geotechnical Engineering Study Report	LS	INCLUDED
5.	Design of Steep Slope Stabilization	LS	INCLUDED
6.	Design of Cantilevered Retaining Wall	LS	INCLUDED

TOTAL LUMP SUM BID $60,000.00

6.0B Construction Services Fees for Shop Drawings and Submittals for Slope Stabilization Alternate

1.	Engineering and Design	LS	INCLUDED
2.	Shop Drawings and Submittals	LS	INCLUDED
3.	Mobilization/Demobilization	LS	INCLUDED
4.	Clearing of Existing Slopes of Trees, Stumps and Debris	LS	INCLUDED
5.	Install Gravity Retaining Wall	LS	INCLUDED
6.	Grade slope above the gravity retaining wall	LS	INCLUDED
7.	Anchor Pull Tests	LS	INCLUDED
8.	Installation of Helical Anchors	LS	INCLUDED
9.	Installation of Filter Fabric and High Strength Galvanized Wire Mesh	LS	INCLUDED
10.	Construction of Striking Plates and Tightening on The Helical Anchors	LS	INCLUDED
11.	Drainage Improvements – Prevent future surface water runoff	LS	INCLUDED

TOTAL LUMP SUM BID $240,000.00

6.0C Equipment & Tools

12. Mini Excavator and Skid Steer	LS	INCLUDED
13. Drive Head & Torque Meter	LS	INCLUDED
14. Miscellaneous Tools	LS	INCLUDED
15. Large Excavator	LS	INCLUDED
16. Truck and Fuel	LS	INCLUDED

7.0 Schedule of Work – Slope Stabilization Alternate

1. Subsurface Exploration, Field Testing & laboratory Classification	Three (3) Weeks
2. Topographic Survey and Plans	Three (3) Weeks
3. Geotechnical Engineering & Design of Slope Stabilization/Cantilevered Wall	Two (2) Weeks
4. Shop Drawings & Plans	Three (1) Weeks
5. Clearing & Steep Slope Stabilization Construction	Three (3) Weeks
6. Gravity Wall & Slope Stabilization	Four (4) Weeks
7. Drainage Improvements	One (1) week

The schedule to perform the retaining walls is based on availability of the wall locations continuously without any interruptions. Should the scope of work be altered from what has been provided above, our fees may be altered within the boundaries as set forth by the unit prices provided below.

8.0 Unit Prices

1. Mobilization/Demobilization – Additional (Each)	$15,000.00
2. Aluminum 48" High Fence with Posts @ 6' On Center (LF)	$65.00
3. Bond Rate	2.5%

9.0 General Conditions

Any alterations or deviations from the referenced specifications or plans, involving extra costs will be executed only upon written orders and will become an extra charge over and above this proposal. All agreements are contingent upon strikes, accidents or delays beyond our control.

This agreement shall be incorporated into the contract between **FES** and the Client. In addition, the fee shown above is valid for a period of sixty (60) days from the date of this proposal/agreement.

10.0 Assumption and Conditions

1. We shall indemnify and hold harmless the Owner and Client from and against claims, damages, losses and expenses arising out of or resulting from performance of the Work provided that such claims, damages, loss or expense is attributable to bodily injury, sickness, disease or death or injury to or destruction of tangible property (other than work itself) but only to the extent caused solely by our negligent acts or omissions. Under no circumstances do we accept responsibility for inconsequential or incidental damages.
2. Centerline of all piles shall be a minimum of 24 inches from existing structures, including any protrusions or overhead (lower than 20 feet) obstructions or attached to existing structures.

3. The site working grade will be provided at an elevation that is not lower than 5 feet below pile butt elevation and shall be firm and clear as to properly support the unhindered movement of our equipment and personnel around the site in its entirety.
4. All piles will be installed to required depth/torque or refusal, whichever occurs first. Refusal criteria shall be defined as reaching allowable torque of helical piles or penetration of less than one foot per minute for no longer than one minute.
5. Stable roadway access for all equipment and delivery of materials to FES Group work areas.
6. All work will be completed in accordance with the plans and specifications provided, except as modified by this proposal.
7. We shall not be bound by oral arrangements for work performed or material furnished by others and shall only be responsible for such charges when ordered by us in writing. We shall not be responsible for any changes, claims, or demands based on alleged neglect, default, or damage on our part unless written notice thereof shall have been delivered to us within 10 days after the occurrence of such alleged neglect, default or damage.
8. This proposal is valid for acceptance and performance prior to 60 days from proposal date.
9. Full payment will be made to us upon your receipt of payment from your client but not later than 30 days of FES Group invoice date.
10. **Ten (10) percent retention. Retention will be reduced to five (5) percent at 90 days following completion of the Slope Stabilization and the balance five (5) percent will be paid after the Slope Stabilization bond is released.**
11. Work area will be free from all subsurface, surface, and above surface obstructions which might interfere with our work. The working grade and access ramps (8H:1V) will be dry, firm, stable, level and capable of supporting the efficient movement of our equipment.

FES Group appreciates the opportunity of submitting this fee proposal to your company and looks forward to your favourable review and awarding us this contract. Should you have any questions concerning our proposal, please contact us at E: rselawar@cclint.com, O: 301-490-8571 EXT: 24, or M: 757-287-1737.

Respectfully submitted,
FES Group, LLC
Raja S. El-Awar
Raja S. El-Awar, MSCE, PE
General Manager

MD Professional Engineer License 019823 - Expires October 23, 2020
MD Construction Firm License 13019936 - Expires April 30, 2021

F:\Projects\Proposals\FES19-056 Forest Heights Slope Failure, Forest Heights, MD\FES Group Fee Proposal, Forest Heights Slope Erosion Repair and Stabilization, Forest Heights, MD, June 29, 2020.doc

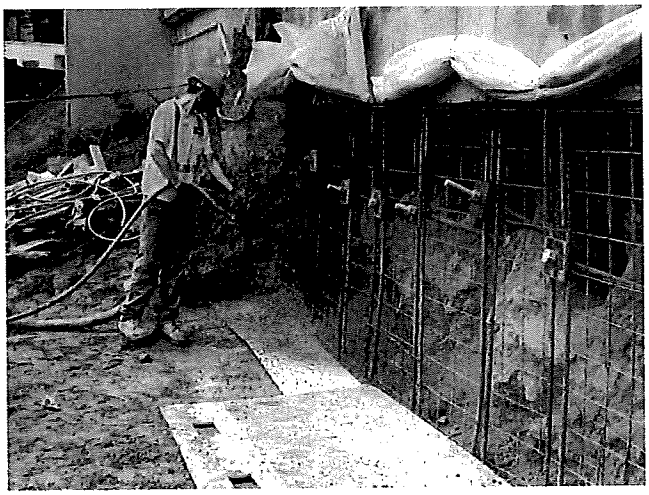
SECTION 4:
EXPERIENCE AND REFERENCES

FES Group, LLC
8296 Sherwick Court, Jessup, MD 20794, USA
T: +1 (301) 490 8571 E: info@fes-ccl.com W: www.fes-ccl.com

RETAINING WALLS & SLOPE STABILIZATION REFERENCES

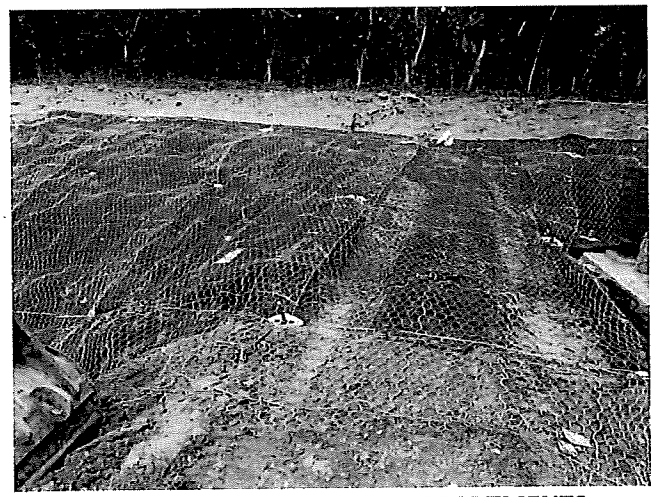
PROJECT	CLIENT	CONTACT
AFRRI Buildings #43 and #47 Bethesda, MD Slope Stabilization 15 Feet Deep – 1,760 SF	**Kirlin Builders, LLC,** 515 Dover Road Rockville, MD 20850	**Miguel Prendes** **Senior Construction Manager** T: 240-551-9962 **"Medical Facility Additions"**
GMBC PPW Foundation Towson, MD Slope Stabilization 18 Feet Deep – 5,000 SF	**Concrete Restoration & Protection** 2811 Lord Baltimore, Drive Baltimore, MD 21244	**Kevin Kline, PM** T: 443-506-8266 **"Hospital Facility"**
Parkway Overlook Apartments SE Washington DC Slope Stabilization 32 Feet Deep - 2000 SF	**MCN Build** 1214 28th Street NW Washington DC, 20007	**Reeve Johnson** **Project Manager** T: 202-333-3424 **"Residential Development"**
High View at Hunt Valley Apartments Hunt Valley, MD Repair 30-Foot High Modular Retaining Wall 1 Section – 3,900 SF	**High View at Hunt Valley Apartments** 400 Symphony Circle Hunt Valley, MD 21030	**Jim Miller** **Regional Property Manager** T: 410-825-6060 **"Residential Development"**

RETAINING WALLS & SLOPE STABILIZATION PICTURES

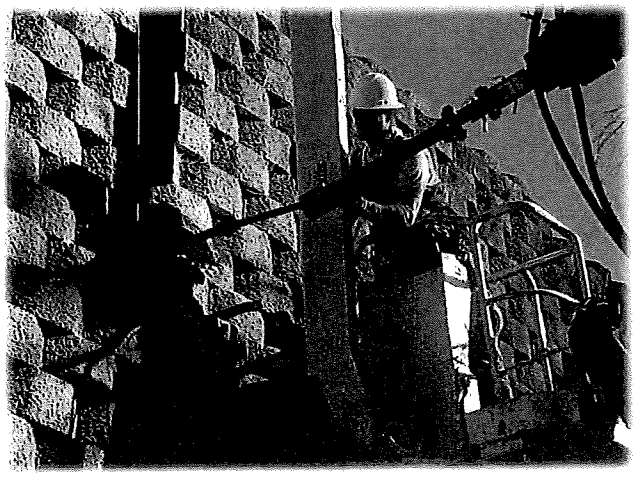


AFRRI BUILDINGS #43 AND #47
BETHESDA, MD

GBMC STEEP SLOPE STABILIZATION
TOWSON, MARYLAND



PARKWAY OVERLOOK APARTMENTS
SE WASHINGTON DC



HIGH VIEW AT HUNT VALLEY APARTMENTS
HUNT VALLEY, MARYLAND

FES GROUP SLOPE STABILIZATION AND REPAIR PROJECTS

PROJECT NO.	PROJECT NAME LOCATION	CLIENT	AWARD DATE	PROJECT BUDGET	CHANGE ORDERS	FINAL BUDGET	COMP. DATE	% COMP.	$ COMP.	REMARKS
18001	AFRRI Buildings #43 and #47, Bethesda, MD	Kirlin Builders, LLC, Miguel Prendes, E: mprendes@jjkllc.com, T: 240-551-9962, O: 301-605-1863	Sep-18	$402,529	$0	$402,529	Jun-19	100	$402,529	Temporary support of excavation, Additional Wall Face Area, Mass Excavation and Slope Stabilization
18008	Parkway Overlook Apartments, SE Washington DC	MCN Build, Reeve Johnson, O: 202-333-3424, E: reeve.johnson@mcnbuild.com	Jun-19	$71,200	$0	$71,200	Jul-19	100	$71,200	2000 SF of Steep Slope Stabilization with 26 Helical Tieback Anchors
17007	High View at Hunt Valley Phase II Retaining Wall Reinforcement, Hunt Valley, MD	High View at Hunt Valley Condominiums, Owner Representative, Karl Knutsen, PE, Cell: 410-415-5091, E: karlk3@verizon.net	May-17	$205,900	$16,640	$222,540	Dec-17	100	$222,540	Retaining Wall Repair- 59 Helical Tieback Anchors, and TECCO Wire
16010	GBMC PP West Foundation Waterproofing, Towson, MD	Concrete Protection and Restoration, Kevin Kline, Project Manager C: 443-506-8266	Oct-16	$210,500	$28,100	$238,600	Mar-17	100	$238,600	Slope Stabilization with 90 Helical Tieback Anchors and Excavation

SECTION 5:
MARYLAND LICENSES

Maryland

DEPARTMENT OF LABOR

Results for Active Licensed Professional Engineers: 1

The following results do not include current licensees who are on inactive status.

Name	City	State	Zip	Expiration	Category	Reg. #
RAJA SLEIMAN ELAWAR	HUNT VALLEY	MD	21030	2020-10-23	PROFESSIONAL ENGINEER	19823

[NEW SEARCH FOR ACTIVE LICENSED INDIVIDUALS]

[Home] [Return to Licensing Queries]

SECTION 6:
CERTIFICATE OF INSURANCE

ARYA CIVIL
Green Design Builder

Arya Civil Work and Timeline Summary:

Date: 6/1/2020

Technical Proposal: **RFP#01-2020, Town of Forest Heights-Slope Erosion and Stabilization Proposal**

Understanding of the Project:

The Town of Forest Heights is looking for qualified firms based on a review of similar project experience, to perform necessary mitigation in order to repair erosion damage and reinforce a hillside easement within a wooded area located on Sachem Dr. in the Town of Forest heights, MD. (aka "Sachem Hill"). The Department of Public Works is intending to obtain the best qualified, responsible firm to perform professional engineering services for Slope Erosion, Repair and Stabilization.

Scope of Work:

The scope of this project includes slope stabilization, including removal of trees within the damaged easement and alongside the eroded area, and to reshape and/ or minimize the severity of the slope to provide appropriate slope ratio. It is also required to evaluate. Recommend and install best management practices in order to minimize erosion, sub-surface drainage and provide slope stabilzation for the estimated 100 LF of hill/ slope.

Proposed solution:

Arya Civil, LLC proposes to design and construct a retaining wall along with an underdrain to achieve the stabilization of about 100 LF of slope that abuts some single-family homes on Sachem Dr. We also propose to address the erosion problem by adding a riprap on the slope to protect from future erosion.

ARYA
80 M Street, SE, Washington DC 20003, 1st Floor @ WeWork
4700 Stamp Road, Unit 2D, Temple Hills, MD 20748.
Phone: (443)-535-2325.
email: ngevaria@aryacivil.com
MDOT DBE Cert. # 12-262; DDOT/WMATA DBE Cert. #1877-W

ARYA CIVIL
Green Design Builder

Construction Management:

The General Contractor shall rovide overall supervision and management of project construction included in this task. This includes project design, planning, budgeting, scheduling and performace.

Site Safety and Clean up:

Arya Civil, LLC's Project team will:

- Provide a safe and efficient project area with controlled access
- Be responsible for project area security.
- Remove construction debris off the Project Area in accordance with all applicable rules and regulations of those jurisdictions having authority.
- Be responsible for the Cost of temporary power used during the construction of the Project as needed, including, but not limited to, the Cost of installing such temporary wiring as may be required to bring power to the Project Area.
- Be responsible for all temporary construction necessary on the Project Area.

Schedule:

For the schedule of the subject project, it is anticipated that the survey and geotechnical work will take one month. Design and approval from SHA PRD and DPIE may take up to three months. Anticipated construction timeline is one month after receiving the permits.

Quality Assurance and Control Plan Safety:

Project safety is always of primary concern on all Arya Civil LLC's projects. Arya Civil LLC has OSHA certified and CPR First Aid trained personnel on site at all times. Major safety concerns specific to this project will include planning for and maintaining proper Maintenance of Traffic measures, proper separation of traffic, pedestrians, and Traffic Safety. Our staff is experienced in working around roadway traffic and has trained and certified flaggers to control traffic in and around construction work zones.

ARYA
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ARYA, CIVIL
Green Design Builder

Conclusion:

We are very excited about the opportunity to work on this project. We have successfully completed projects with GTBID, DOEE, District of Columbia agencies etc. and believe that this project has all the elements of work suited to our expertise. If you have any questions or need additional information, please contact us at (443) 535-2325 or

ngevaria@aryacivil.com.

Sincerely,

Nandlal Gevaria, PE.

ARYA
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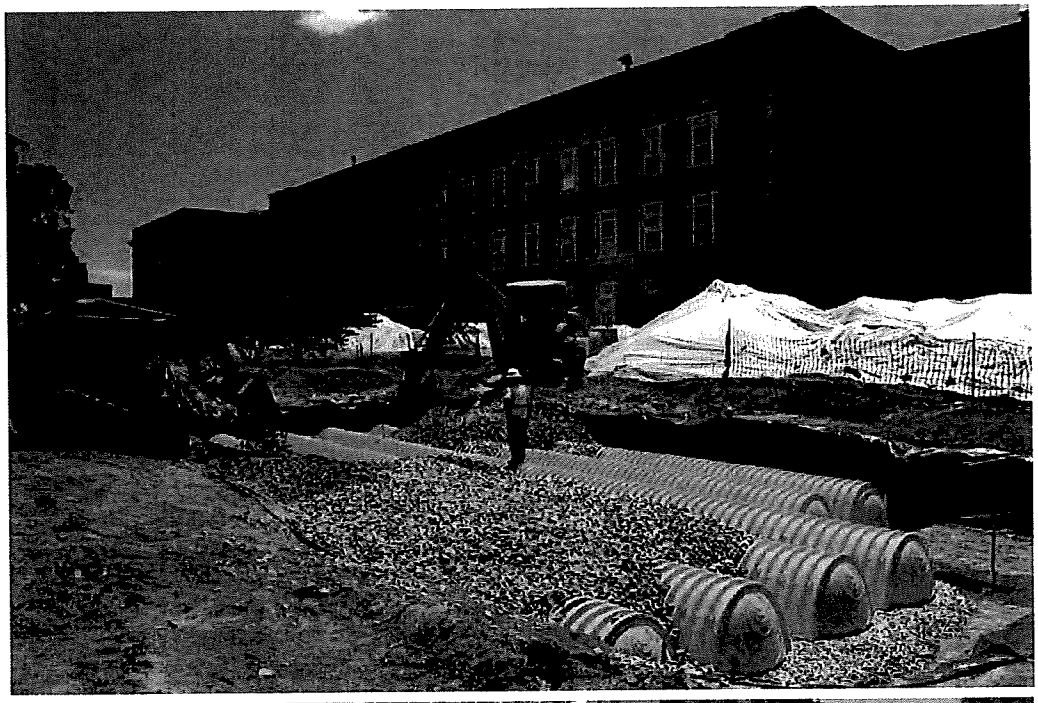
Attachment- a: Relevant Project Experience

Description of completed bioretention/LID designs/installation Projects:

Project 1			
Project	RIVERSMART WASHINGTON MCFARLAND MIDDLE SCHOOL LOW IMPACT DEVELOPMENT PROJECT		
Address	4400 IOWA AVENUE NW WASHINGTON DC 20011		
Description of Work	Furnish and Installed infiltration galleries, storm drain manholes, storm under drains and pervious pavers in to the parking lot. Performed maintenance of traffic, project management, and permitting and as built drawings preparation for the Riversmart Washington McFarland Middle School Low Impact Development Project in Washington DC. The project site was within the city's Combined Sewer System (CSS)		
Project Contact Person/Owner		DOEE: Steve Saari	
Telephone	202-535-2961	Email:	Steve.saari@dc.gov
Contract $	$714,000		
Duration	120 CALENDAR DAYS (JULY – NOVEMBER 2015)		
Reference for Skill Areas	**CONSTRUCTION LID CONTRACT**; SEDIMENT CONTROL AND STORMWATER FACILITIES; GRADING AND DRAINAGE; UTILITIES, INCLUDING PLUMBING; TREE PROTECTION AND PRESERVATION; CRAFTSMANSHIP; FILTRATION GALLERY, PERVIOUS PAVERS, HIGH QUALITY SAW-CUT JOINTS, ETC; LANDSCAPE PLANTING AND MAINTENANCE		



4700 Stamp Road Unit D2, Temple Hills MD 21748;
Phone: (443)-535-2325, Fax: (443) 283-4081; email: aryacivilllc@gmail.com

Project : 2			
Project	THE GOLDEN TRIANGLE 19 & L STREET BIORETENTION PROJECT		
Address	INTERSECTION BETWEEN 19 & L STREET, WASHINGTON DC		
Description of Work	Design and install bioretention cells along the sidewalk on 19th Street on all four corners of the intersection of 19th Street and L Street, NW. The bioretention cells will serve as a demonstration project for integrating Low Impact Development projects into the existing urban infrastructure. The project site is within the city's Combined Sewer System (CSS) so during heavy rainfall both sewage and stormwater sometimes empty directly into the rivers. This project will help lessen the impact on the CSS by retaining an amount of stormwater and slowing down the remaining runoff. The project will also beautify a major intersection in the central business district. 19th Street has a high level of pedestrian activity partly due to its role as a top destination in the central business district for dining and outdoor cafes. This project has the opportunity to demonstrate that bioretention cells can be integrated into the urban fabric while creating a high quality and functional landscape and hardscape that builds on the context of the site.		
Project Contact Person/Owner		GOLDEN TRIANGLE BID WASHINGTON DC / MR. DAVID SULS	
Telephone	202-463-3517	Email	DSULS@GOLDENTRIANGLEDC.COM
Contract Amount	$175,000	Construction Cost	$160,000
Contract Duration	120 CALENDAR DAYS		
Reference for Skill Areas	**DESIGN BUILD LID CONTRACT**; SEDIMENT CONTROL AND STORMWATER FACILITIES; GRADING AND DRAINAGE; UTILITIES, INCLUDING ELECTRICAL AND PLUMBING; TREE PROTECTION AND PRESERVATION; CRAFTSMANSHIP; CAST-IN-PLACE CONCRETE USING COLOR ADDITIVES, STONE AND PAVER INSETS, EXPOSED AGGREGATE, HIGH QUALITY SAW-CUT JOINTS, ETC; LANDSCAPE PLANTING AND MAINTENANCE		

4700 Stamp Road Unit D2, Temple Hills MD 21748;
Phone: (443)-535-2325, Fax: (443) 283-4081; email: aryacivilllc@gmail.com

Project-3			
Project	THE GOLDEN TRIANGLE LID DEMONSTRATION PROJECT AT THE INTERSECTION OF RHODE ISLAND AVENUE AND CONNECTICUT AVENUE AND M STREET NW WASHINGTON DC		
Project Address	INTERSECTION RHODE ISLAND, CONNECTICUT AVE AND M STREET		
Description of Work	Designed, obtained required permits from DCRA, DDOE and public space, and constructed advanced bioretention facility on a traffic island at the intersection of Rhode Island Avenue, Connecticut Avenue and M Street NW(which covered impervious area in the surrounding high pedestrian and vehicular traffic area). The island had underground utilities such as communication, electric duct banks and combined sewers. This was the best location for a Low Impact Development demonstration project in the heart of highly influential downtown Washington, D.C. Arya Civil LLC successfully obtained permits from all the agencies and constructed advance bioretention facility aesthetically appealing to the surrounding, converted impervious area to pervious area, installed educational sign, railings and sidewalk with ADA compliance. Accomplishment: This project was a high profile project in the heart of highly influential downtown Washington, D.C. This was one of the DDOE's best whish projects. Arya Civil, LLC completed this project very successfully in June 2012 and it is functioning as designed.		
Project Contact Person/Owner		GOLDEN TRIANGLE BID WASHINGTON DC / MR. DAVID SULS	
Telephone Number	202-463-3517	Email	DSULS@GOLDENTRIANGLEDC.COM
Contract	$95,000	Construction Cost	$85,000
Duration	95 CALENDAR DAYS		
Reference for Skill Areas	**DESIGN BUILD LID CONTRACT** ; S&E CONTROL , STORMWATER FACILITIES; GRADING, DRAINAGE; UTILITIES, TREE PROTECTION CONCRETE, PAVERS, SAW-CUT, LANDSCAPE PLANTING & MOT		

4700 Stamp Road Unit D2, Temple Hills MD 21748;
Phone: (443)-535-2325, Fax: (443) 283-4081; email: aryacivilllc@gmail.com

Project- 4	
Project	**Takoma Recreation Center LID Project, NW Washington DC**
Addresses	**Takoma Recreation Center, Van Buren Street NW, Washington DC**
Description of Work	Designed, obtained required permits from DCRA, DDOE and public space and constructed two bioretention (31'x13'x4.5' and 51'x35'3.5'), grass swale (10'x6'), and installed under drain pipes to treat run off from three existing double tennis courts, replaced damaged concrete sidewalk, maintained and stabilized construction site and prepared as-built drawings for Tacoma Recreation Center, 300 Van Buren Street, NW, Washington DC Accomplishment: This project was awarded in month of May 2009 for design services, obtained necessary permits form DCRA and completed construction and reestablished construction site by 1st week of October 2009.
Project Contact Person/Owner	Friends of Takoma Recreation Center/: Ms. Ann Beman
Telephone Number	202-726-5642
Contract Amount	$45,000
Contract Duration	180 CALENDAR DAYS
Reference for Skill Areas	**DESIGN BUILD LID CONTRACT** ; SEDIMENT CONTROL AND STORMWATER FACILITIES; GRADING AND DRAINAGE; UTILITIES, INCLUDING ELECTRICAL AND PLUMBING; TREE PROTECTION AND PRESERVATION; CRAFTSMANSHIP; UNDERDRAIN; LANDSCAPE PLANTING AND MAINTENANCE

4700 Stamp Road Unit D2, Temple Hills MD 21748;
Phone: (443)-535-2325, Fax: (443) 283-4081; email: aryacivilllc@gmail.com

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ARYA CIVIL
Green Design Builder

Arya Civil Cost Proposal

Project Name: Town of Forest Heights Slope Erosion Repair and Stabilization
To: The Town of Forest Heights, 5508 Arapahoe Dr., Forest Heights, MD 20747
Project Address: Sachem Dr., Town of Forest Heights

Date Prepared: 06/1/2020

Mr. Vaughn,

Arya Civil, LLC is pleased to submit the following cost proposal for the referenced project.

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Extension Amount
1	Retaining Wall Structure, Excavation, backfill (including Riprap)	100	LF	$ 6,925.00	$ 692,500.00
2	SOE (Support of Excavation)	100	LF	$ 2,700.00	$ 270,000.00
3	Engineering Services	1	LS	$ 60,000.00	$ 60,000.00
				Total	$ 1,022,500.00

If you have any questions or need additional information, please call (443) 535-2325 or email ngevaria@aryacivil.com

Sincerely,

Nandlal Gevaria, PE.

ARYA
80 M Street, SE, Washington DC 20003, 1st Floor @ WeWork
4700 Stamp Road, Unit 2D, Temple Hills, MD 20748.
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email: ngevaria@aryacivil.com
MDOT DBE Cert. # 12-262; DDOT/WMATA DBE Cert. #1877-W

MAYOR AND COUNCIL
THE TOWN OF FOREST HEIGHTS

ORDINANCE NO. 03–20

AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE TOWN OF FOREST HEIGHTS, MARYLAND REVISING ARTICLE 15 (PARKING AND TRAFFIC) OF THE TOWN ORDINANCE CODE, BY CHANGING, AMENDING, RENAMING OR RE-ADOPTING CERTAIN PROVISIONS OF SAID ARTICLE INCLUDING SECTION 15.3. (AUTHORITY TO ERECT SIGNS REGULATING PARKING AND TRAFFIC) TO AUTHORIZE THE TOWN TO INSTALL AND OPERATE TRAFFIC CONTROL SIGNAL MONITORING SYSTEMS AT CERTAIN INTERSECTIONS WITHIN THE TOWN AND IMPOSE CERTAIN FINES AND FEES FOR RED LIGHT VIOLATIONS; AND TO AMEND SECTION 15.13 (PENALTIES; FEES) TO PROVIDE FOR A CIVIL PENALTY TO BE ESTABLISHED FOR RED-LIGHT CAMERA VIOLATIONS AND TO AUTHORIZE REGISTRATION FLAGGING AND CERTAIN LATE AND DEBT COLLECTION FEES TO BE ASSESSED OR CHARGED TO SUCH VIOLATIONS INCLUDING PARKING VIOLATIONS; TO MODIFY AND RE-ENUMERATE CERTAIN SUBSECTIONS OF SAID SECTIONS; AND GENERALLY RELATING TO THE COLLECTION OF FINES, FEES AND THE REGULATION OF TRAFFIC AND PARKING WITHIN THE TOWN OF FOREST HEIGHTS.

Introduced By: Mayor Habeeb-Ullah Muhammad

WHEREAS, pursuant to § 33-20(a) of the Town Charter, the Council shall have the power to pass all such ordinances not contrary to the Constitution and laws of the State of Maryland or said Charter as it may deem necessary for the good government of the Town; for the protection and preservation of the Town's property, rights, and privileges; for the preservation of peace and good order; for securing persons and property from violence, danger, or destruction; and for the protection and promotion of the health, safety, comfort, convenience, welfare, and happiness of the residents of the Town and visitors thereto and sojourners therein; and

WHEREAS, pursuant to § 21-202(h)(1) of the Transportation Article of Md. Ann. Code, vehicular traffic facing a steady circular red signal alone: (i) Shall stop at the near side of the intersection: 1. At a clearly marked stop line; 2. If there is no clearly marked stop line, before entering any crosswalk; or 3. If there is no crosswalk, before entering the intersection; and (ii) Except as provided in subsections (i), (j), and (k) of this section [21-202], shall remain stopped until a signal to proceed is shown, and under § 21-202.1(d)(2) a civil penalty for owner or driver of vehicle in violation of § 21-202(h) may not exceed $100; and

WHEREAS, pursuant to § 21-202(h)(1) of the Transportation Article of Md. Ann. Code, unless a sign prohibits turning on red, after coming to a complete stop, a driver may turn right or

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turn left from a one way street to another one-way street, and when turning on a red signal, a driver must yield the right of way to pedestrians and all other traffic, and if a vehicle proceeds into the intersection after the signals have turned red, pictures and/or video are then taken, but a motorist in the intersection when the signal changes to red (waiting to turn left, for example) is not a red light runner; and

WHEREAS, pursuant to § 21-202.1 of the Transportation Article of Md. Ann. Code, a law enforcement agency primarily responsible for traffic control at an intersection is authorized to issue citations through the operation of a device known as a "traffic control signal monitoring system" which uses one or more motor vehicle sensors working in conjunction with the traffic control signal to produce recorded images of motor vehicles entering an intersection against a red signal indication; and

WHEREAS, according to Section 1.7 of the Town Ordinance Code and pursuant to Md. Ann. Code, LG Art., § 4-111, unless the provisions of the Town Ordinance Code expressly states otherwise, the Town is generally exempt from all legislation heretofore or hereafter enacted by the County relating to any subject upon which the Town has been heretofore or is hereafter granted legislative authority to act, either by public general law or by the Town Charter, and upon which subject the Town in fact acts, and legislation of Prince George's County pertaining to a subject as to which the Town has not acted shall be in effect in the Town unless and until the Town specifically exempts itself therefrom; and

WHEREAS, pursuant to a Memorandum of Understanding for Jurisdictional Police Services between the County and the Town dated Oct. 3, 2011, original and follow-up investigations of all crimes or all incidents, occurring within an area under Town jurisdiction shall be handled by the Forest Heights Police Department ("FHPD"), except for the certain specifically enumerated serious crimes or incidents, and their attempts and conspiracies to commit them, in which cases the follow-up shall be handled by the County Police; and

WHEREAS, the Mayor and Council finds that automated enforcement detects and identifies violators of the law without the dependency of a police presence, and has proven to reduce the number of red light violations by 40 percent; and

WHEREAS, the Mayor and Council further finds that, within the Town's corporate limits and as defined in §21-202.1(a)(2) of the Md. TR Article, the FHPD is the law enforcement agency primarily responsible for traffic control at intersections having traffic control signals operated and maintained under the control of the State; and

WHEREAS, the Mayor and Council further finds that the County Police under contract with Conduent, Incorporated operates Red Light Cameras and issues violators a $75 citation in at least 48 locations throughout Prince George's County including inside the Town along State Route 210 at Audrey Lane (inactive); and

WHEREAS, the Mayor and Council intends to enhance the Town police department's traffic control capability by implementing a red-light camera program and assuming primary responsibility and control over the regulation of vehicles and traffic within the Town's corporate limits by the use of such devices along all public ways and highways except along those highways owned and maintained by the County.

SECTION 1.

NOW THEREFORE, BE IT ORDAINED AND ENACTED BY THE MAYOR AND COUNCIL OF THE TOWN OF FOREST HEIGHTS, that Article 15 (Parking and Traffic), Section 15.3 (Authority to erect signs regulating parking and traffic) and Section 15.13 (Penalties; Fees) of the Town of Forest Heights Ordinance Code as written herein below are hereby enacted, adopted, revised and amended such that said Ordinance Code and said Article shall henceforth read as follows:

* * *

ARTICLE 15 – PARKING AND TRAFFIC

Section 15.3. Authority to erect signs regulating parking and traffic AND INSTALL TRAFFIC CONTROL SIGNALS AND MONITORING DEVICES.

A. Whenever in the judgment of the Mayor of the Town of Forest Heights, it is necessary for the safety and control of vehicle or pedestrian traffic or for the regulation of the use of parking areas, the Mayor is authorized to erect or cause to be erected "Stop," "No Parking," "Speed Limit," "One Way," or any other traffic control devices designed to control, regulate, warn or guide traffic or limit parking on public streets, highways, or other areas in the Town, provided that no such signs or devices shall be erected or posted for other than temporary and emergency purposes for a period not to exceed 60 days duration without the final approval of the Town Council.

B. Such final approval as stated in Subsection A shall be made by resolution of the Council, and a statement of said final decision to erect or post a specific traffic control device shall be placed in the list described in Subsection D.

C. It shall be the duty of all persons to observe such signs or devices, and, any person failing to observe any such sign or device shall be in violation of this Article.

D. A list and description of such posted signs or devices shall be available for public inspection at the office of the Forest Heights Police Department.

E. All traffic control signs, signals, and devices shall conform to the specifications approved by the State Highway Administration and published in the latest edition of the Manual on Uniform

Traffic Control Devices.

F. Unless otherwise permitted by state or county law, no such signs or traffic control devices shall be erected or posted on a County or State highway without the consent of the appropriate State or County authority having possession, title or responsibility for the maintenance of said highway.

G. EXCEPT FOR HIGHWAYS OWNED AND MAINTAINED BY THE COUNTY, THE MAYOR, IN CONJUNCTION WITH THE CHIEF OF POLICE, IS AUTHORIZED TO DETERMINE THOSE INTERSECTIONS WHERE TRAFFIC CONTROL SIGNAL MONITORING SYSTEMS ARE TO BE INSTALLED AND OPERATED TO REGULATE TRAFFIC. THE MAYOR IS FURTHER AUTHORIZED TO CONTRACT WITH A PRIVATE VENDOR, THE STATE OF MARYLAND OR ANY OF ITS POLITICAL SUBDIVISIONS FOR THE INSTALLATION AND OPERATION OF TRAFFIC CONTROL SIGNAL MONITORING SYSTEMS AT INTERSECTIONS LOCATED WITHIN THE TOWN.

* * *

SECTION 15.13: PENALTIES; FEES.

* * *

(D) RED-LIGHT CAMERA VIOLATIONS.

(1) A CIVIL PENALTY IN THE AMOUNT OF $75 PER VIOLATION IS ESTABLISHED FOR RED-LIGHT CAMERA VIOLATIONS.

(2) THE PENALTY SHALL BE PAID TO THE TOWN OF FOREST HEIGHTS, AND ALL UNPAID VIOLATIONS SHALL BE FORWARDED TO THE TOWN'S CONTRACTOR FOR COLLECTION. EXCEPT IN UNCONTESTED CASES INVOLVING A RED-LIGHT CAMERA ADMINISTRATIVE COLLECTION ACTION, THE PENALTY SHALL BE COLLECTED BY THE DISTRICT COURT OF MARYLAND IN ACCORDANCE WITH §7-302(A) OF THE COURTS AND JUDICIAL PROCEEDINGS ARTICLE OF THE MARYLAND ANNOTATED CODE AND § 21-202.1 OF THE TRANSPORTATION ARTICLE OF THE MARYLAND ANNOTATED CODE, AND DISTRIBUTED IN ACCORDANCE WITH §12-118 OF THE TRANSPORTATION ARTICLE OF THE MARYLAND ANNOTATED CODE, AS ANY OF THE FOREGOING MAY BE AMENDED FROM TIME TO TIME.

[~~(D)~~](E) Other violations. A violation of subsection (v) of Section 15.3.2 (Parking and truck restrictions) shall be deemed a municipal infraction, and the penalty shall be a fine of $250. If not paid within 20 days of the date of violation of notice, the fine shall double to a fine of $500.

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[~~(E)~~](F) [~~Where applicable, the procedures for prosecuting violations of this Article shall be further governed by the provisions of the Maryland Transportation Article of the Annotated Code of Maryland.~~] Late fee. Unless otherwise stated on the citation form as authorized by State law or ordinance, any person issued a citation under this Article shall pay the fine within 20 days of the issuance of the citation. [~~Except in cases where the fine is doubled as provided for in Subsection (B),~~] A[~~a~~]ny person issued a citation who fails to pay the penalty set forth in this Article within the prescribed time, or should any person fail to elect to stand trial within the prescribed time, a late fee in the amount of $25 shall be assessed the person liable for the citation under this Article. Except for late fees accrued for unpaid or untimely paid speed camera (i.e., speed-monitoring system) violations issued pursuant to Section 15.6 or RED-LIGHT CAMERA VIOLATIONS ISSUED PURSUANT TO SECTION 15.3, all other late fees assessed under this Article [~~shall~~] MAY accrue without further notice. The late fee assessed to a speed OR RED-LIGHT camera violation OR PARKING VIOLATIONS COLLECTED BY AN AUTOMATED SYSTEM shall accrue upon written notification by the Town.

[~~(F)~~](G) Returned check fee. Any person who pays any penalty assessed under this Article shall further pay a returned check fee of $35 to the Town should the check be returned unpaid for any reason by the payor's bank.

[~~(G)~~](H) Flagging fee. The Chief of Police shall, in accordance with the procedures prescribed by the State Motor Vehicle Administration and State law, give or cause to be given notice to the Administration and the respective owners of all vehicles registered by the State and the subject of any UNSATISFIED CONTESTED OR UNCONTESTED [~~outstanding~~] and past due parking, RED-LIGHT or speed-monitoring system violations of this Article thereby requesting that the Administration refuse registration or transfer of registration of the subject vehicle, until notified by the Town that the violation penalty has been satisfied. In such cases, the Chief of Police shall impose an additional cost or municipal administrative flagging fee of $40 for each registration or transfer to be withheld, suspended or denied, and the owner of the vehicle shall be liable or further subject to the payment of such costs, and all other fines, penalties, fees and charges that have accrued or have been assessed pursuant to this Article before notice is given to the Administration that the subject violation penalty has been satisfied and the registration is to be released.

[~~(H)~~](I) Debt collection fee. Any fine or associated fees or costs permitted by this Article that remain uncollected from an owner or operator made civilly OR CRIMINALLY liable under this Article [~~but not subject to a vehicle registration flagging request by the Town as would otherwise be authorized pursuant to § 26-305 of the Transportation Article of the Annotated Code of Maryland~~], after at least 30 days from the date the debt accrues and written notice is provided to the owner or operator, said debt owed to the Town may be referred to a collection agency or attorney for collection [~~and reporting to a major credit bureau~~], in accordance with state and federal law. Said fee or cost for collection of the delinquent debt (i.e., fine, late fee, returned check fee, and/or flagging fee) as permitted by this subsection shall not exceed two times the past due amount or total sum indebted to the Town. The Town may alternatively or further elect to file a civil suit

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against the responsible party to recover the fine and associated fees.

[~~(I)~~](J) Boot fee. In addition to any other authorized charges, a boot or immobilization fee of $100 shall be charged a vehicle owner who violates this Article or is otherwise responsible which results in immobilization as described in this Article to defray the Town's cost of installing, removing and maintaining the boot device.

[~~(J)~~](K) Resolutions establishing fines, charges and fees. The Town Council is hereby authorized to specifically establish, set, adopt, amend or change from time to time by formal resolution any fines, fees, allowed interest, or charges established by this Article or as otherwise permitted by state law.

* * *

SECTION 2. AND BE IT FURTHER ORDAINED AND ENACTED, that any prior ordinances adopting and enacting any provision of Article 15 of said Code or any other ordinance or resolution previously adopted pertaining to a subject or subjects embodied by the title of this Ordinance or the provisions found herein shall be deemed repealed and superseded by the provisions of this Ordinance. Should a previously enacted ordinance cover a provision or subject that is not covered by this Ordinance, it shall remain in full force and effect unless it directly conflicts with the express language of this Ordinance.

SECTION 3. AND BE IT FURTHER ORDAINED AND ENACTED, that except for highways under the jurisdiction of Prince George's County, the Town of Forest Heights hereby exempts itself from any County legislation authorizing the use of traffic control signal monitoring systems at certain intersections that may be installed to regulate traffic within the Town.

SECTION 4. AND BE IT FURTHER ORDAINED AND ENACTED, that this Ordinance shall take effect thirty (30) calendar days following adoption by the Town Council, having been passed by the required yea and nay votes of the Mayor and Council of the Town of Forest Heights.

SECTION 5. AND BE IT FURTHER ORDAINED AND ENACTED, that upon passage, the Town Clerk shall cause to be published a summary of this Ordinance at least twice in the town newsletter or a newspaper having general circulation within the Town of Forest Heights.

HAVING BEEN INTRODUCED AND HAVING BEEN READ, as an ordinance and passed by a yea and nay vote of the Mayor and Council of the Town of Forest Heights with the affirmative votes of at least four (4) of the members of the legislative body including the Mayor as indicated below at a Public Meeting of The Mayor and Council of the Town of Forest Heights held on this ___ day of _____ 2020, at _____ o'clock ___.m., in the Municipal Building in Forest Heights, Maryland.

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ROLL CALL VOTE	YEA/NAY/ABSTAIN/ABSENT
MUHAMMAD	_____
BARNES	_____
HINES	_____
KENNEDY	_____
ATKINSON	_____
NOBLE	_____
WASHINGTON	_____

I HEREBY CERTIFY that the above Ordinance No. 03-20 was passed by the required yea and nay vote of the Mayor and Council of the Town of Forest Heights on the ___ day of _____ 2020.

ATTEST:

THE TOWN OF FOREST HEIGHTS

_____
Sherletta Hawkins, Town Clerk

By:_____
Habeeb-Ullah Muhammad, Mayor

By:_____
Calvin Washington, Council President

CERTIFICATION

I HEREBY CERTIFY that following its passage, a summary of this Ordinance No. 03-20 has been published at least twice in the Town newsletter or a newspaper having general circulation in the Town of Forest Heights and that an executed copy of this ordinance has been delivered to General Code, LLC for codification.

Date: _____

_____
Sherletta Hawkins, Town Clerk

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