City Council Workshop Meeting
Hybrid
New Carrollton Municipal Center
6016 Princess Garden Parkway
New Carrollton, MD 20784
Monday July 7, 2025, 7:00 PM

Workshop Items for Discussion

1.	**Call to Order**	
2.	**Public Comments**	**3 min each**
3.	**Council Announcements**	**10 min**
4.	**Council Lessons from MML**	**5 min each**
5.	**Ordinance to Allow Temporary Signage (Discussion)**	**15 min**
6.	**Waiver for Home Accessibility Modifications (Discussion)**	**10 min**
7.	**Harland Street Demo & Pool Fill**	**10 min**
8.	**Trash-Curb Service**	**10 min**
9.	**Mahoney Woods**	**10 min**
10.	**Westfield Park & Oak Ln Discussion**	**10 min**
11.	**Certified Bridge Construction Inspector Discussion**	**10 min**
12.	**All Bridge Updates**	**10 min**
13.	**Public Comments**	**3 min each**
14.	**Motion to Adjourn-Move into Special Legislative Meeting**	

Special Legislative Meeting Agenda

1. **Call to Order**
2. **Non-Consent Agenda**
    a. **Certified Bridge Construction Inspection**
    Motion: I move that the City Council of the City of New Carrollton approve _____ as the certified bridge construction inspector for the Powhatan Street Bridge project for the City of New Carrollton.
3. **Motion to Adjourn**

PLEASE NOTE: This meeting of the City of New Carrollton Council will be a hybrid meeting. This means that you can attend in person, or virtually by using the below information.

Google Meet Link

City Council Workshop Meeting
Monday, July 7 · 7:00 – 10:00pm
Time zone: America/New_York
Google Meet joining info
Video call link: https://meet.google.com/nuz-hfia-eoj
Or dial: (US) +1 408-831-1011 PIN: 568 618 459#
More phone numbers: https://tel.meet/nuz-hfia-eoj?pin=3597029120139

If you would like to submit comments in writing please email Kaitlyn Schisler, at clerk@newcarrolltonmd.gov by 3:00 pm the day of the meeting. Comments are also welcome after any meeting.

Reunión del taller del Ayuntamiento
Híbrido
Centro municipal de New Carrollton
6016 Princess Garden Parkway
New Carrollton, MD 20784
7 de julio de 2025, 19:00 horas

Temas del taller para debate

1. **Llamar al orden**
2. **Comentarios públicos** — **3 min cada uno**
3. **Anuncios del Consejo** — **10 min**
4. **Lecciones del Consejo de MML** — **5 min cada uno**
5. **Ordenanza para permitir la señalización temporal (Discusión)** — **15 min**
6. **Exención para modificaciones de accesibilidad en el hogar (Discusión)** — **10 min**
7. **Demostración de Harland Street y llenado de la piscina** — **10 min**
8. **Servicio de recogida de basura en la acera** — **10 min**
9. **Bosques de Mahoney** — **10 min**
10. **Discusión sobre West Field Park y Oak Lane** — **10 min**
11. **Discusión sobre inspectores certificados de construcción de puentes** — **10 min**
12. **Todas las actualizaciones del puente** — **10 min**
13. **Comentarios públicos** — **3 minutos cada uno**
14. **Moción para aplazar la sesión y pasar a una reunión legislativa especial**

Agenda de la Reunión Legislativa Especial

1. **Llamar al orden**
2. **Agenda sin consentimiento**
    a. **Inspección certificada de construcción de puentes**
    Movimiento: Propongo que el Ayuntamiento de la Ciudad de New Carrollton apruebe _____ comoInspector de construcción de puentes certificado para el proyecto del puente de la calle Powhatan para la ciudad de New Carrollton.
3. **Moción de aplazamiento**

NOTA: Esta reunión del Consejo Municipal de New Carrollton será híbrida. Esto significa que puede asistir presencialmente o virtualmente utilizando la información a continuación.

Enlace de Google Meet

Reunión del taller del Ayuntamiento
7 de julio · 19:00 – 22:00 horas
Zona horaria: América/Nueva York
Información para unirse a Google Meet
Enlace de videollamada: https://meet.google.com/nuz-hfia-eoj
O marque: (EE. UU.) +1 408-831-1011 PIN: 568 618 459#
Más números de teléfono: https://tel.meet/nuz-hfia-eoj?pin=3597029120139

Si desea enviar comentarios por escrito, envíe un correo electrónico a Kaitlyn Schisler a clerk@newcarrolltonmd.gov antes de las 15:00 h del día de la reunión. También se agradecen los comentarios después de la reunión.

Réunion de l'atelier du conseil municipal
Hybride
Centre municipal de New Carrollton
6016 Princess Garden Parkway
New Carrollton, MD 20784
7 juillet 2025, 19h00

Sujets de discussion de l'atelier

1.	**Appel à l'ordre**	
2.	**Commentaires publics**	**3 min chacun**
3.	**Annonces du Conseil**	**10 min**
4.	**Leçons du Conseil tirées de MML**	**5 min chacun**
5.	**Ordonnance autorisant la signalisation temporaire (discussion)**	**15 min**
6.	**Dérogation aux modifications d'accessibilité du domicile (discussion)**	**10 min**
7.	**Démo et remplissage de piscine de Harland Street**	**10 min**
8.	**Service de ramassage des ordures**	**10 min**
9.	**Bois de Mahoney**	**10 min**
10.	**Remplissage du parcours Vite de Westfield Playgrounds**	**10 min**
11.	**Discussion sur l'inspecteur certifié en construction de ponts**	**10 min**
12.	**Toutes les mises à jour du pont**	**10 min**
13.	**Commentaires du public**	**3 minutes chacun**
14.	**Motion d'ajournement - Déplacement en réunion législative extraordinaire**	

Ordre du jour de la réunion législative spéciale

1. **Appel à l'ordre**
2. **Ordre du jour sans consentement**
   a. **Inspection certifiée de la construction de ponts**
   Mouvement: Je propose que le conseil municipal de la ville de New Carrollton approuve _____ commeinspecteur certifié en construction de ponts pour le projet de pont de la rue Powhatan pour la ville de New Carrollton.
3. **Motion d'ajournement**

ATTENTION : Cette réunion du conseil municipal de New Carrollton sera une réunion hybride. Vous pouvez donc y assister en personne ou virtuellement en utilisant les informations ci-dessous.

Lien Google Meet

Réunion de l'atelier du conseil municipal
7 juillet · 19h00 – 22h00
Fuseau horaire : America/New_York
Informations sur la participation à Google Meet
Lien d'appel vidéo : https://meet.google.com/nuz-hfia-eoj
Ou composez le : (US) +1 408-831-1011 PIN : 568 618 459#
Plus de numéros de téléphone : https://tel.meet/nuz-hfia-eoj?pin=3597029120139

Si vous souhaitez soumettre vos commentaires par écrit, veuillez envoyer un courriel à Kaitlyn Schisler, à l'adresse clerk@newcarrolltonmd.gov, avant 15 h le jour de la réunion. Les commentaires sont également les bienvenus après chaque réunion.

AN ORDINANCE TO ALLOW TEMPORARY SIGNAGE FOR EVENTS BY RESIDENTS WITHIN PUBLIC RIGHTS-OF-WAY OR ON TELEPHONE POLES UNDER LIMITED CONDITIONS

WHEREAS, the City Council of New Carrollton seeks to support civic engagement and local events while maintaining the safety, cleanliness, and aesthetics of public spaces; and

WHEREAS, the City desires to permit temporary signage for local events under a fair and regulated process.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF NEW CARROLLTON, MARYLAND THAT:

SECTION 1. DEFINITIONS.

For the purposes of this ordinance:

- **"Temporary Event Sign"** means a sign advertising a time-limited event, posted for a short duration under a permit issued in accordance with this ordinance.

- **"Right-of-Way"** means publicly owned property used for streets, sidewalks, and public utilities.

- **"Resident"** means a person whose primary domicile is located within the incorporated city limits of New Carrollton, Maryland.

SECTION 2. PERMIT REQUIRED.

A. No person shall post or cause to be posted any Temporary Event Sign within a public right-of-way or on telephone poles within the city limits of New Carrollton without first obtaining a Temporary Event Sign Permit issued by the City.

B. The permit shall authorize the placement of Temporary Event Signs for a period not to exceed forty-eight (48) hours prior to the event being advertised.

SECTION 3. APPLICATION REQUIREMENTS.

A person seeking a Temporary Event Sign Permit must submit the following to the City:

1. A completed permit application form, as provided by the City;
2. A copy of a valid government-issued photo ID and one document establishing proof of residency in the City (such as a utility bill, lease, or voter registration card showing a New Carrollton address);
3. A description of the event being advertised;

4. The proposed dates and approximate locations for sign placement;
5. A non-refundable application fee of [$10] (or such other amount as may be set by the City Council by resolution).

SECTION 4. PLACEMENT AND REMOVAL OF SIGNS.

A. Signs may be posted only in compliance with the approved permit and may not obstruct traffic views, interfere with pedestrian or vehicular movement, or otherwise pose a hazard.

B. All Temporary Event Signs must be removed within twenty-four (24) hours after the conclusion of the advertised event.

C. Signs must be constructed of weather-resistant material and must include the name and contact information of the permit holder on the back or bottom corner.

SECTION 5. PROHIBITIONS AND PENALTIES.

A. It is unlawful to:

1. Post signs without a valid permit;
2. Fail to remove signs within twenty-four (24) hours following the event.

B. Violations of this ordinance are subject to the following penalties:

1. A civil fine of $25 per unauthorized sign for posting without a permit;
2. A civil fine of $50 per sign for failure to remove signs within the required time.

C. The City reserves the right to remove any signs posted in violation of this ordinance at the permit holder's expense.

SECTION 6. SEVERABILITY.

If any section, provision, or clause of this ordinance is held invalid by a court of competent jurisdiction, such invalidity shall not affect the remaining portions of the ordinance.

SECTION 7. EFFECTIVE DATE.

This ordinance shall take effect (21) twenty one days after its adoption by the City Council.

ORDINANCE NO. [XXXX]

AN ORDINANCE AMENDING CHAPTER 41 OF THE NEW CARROLLTON CITY CODE TO PROVIDE FOR A WAIVER OF PERMIT FEES FOR HANDICAP ACCESSIBILITY IMPROVEMENTS UNDER CERTAIN CONDITIONS.

WHEREAS, the City of New Carrollton recognizes the importance of making homes accessible for individuals with disabilities; and

WHEREAS, the City seeks to reduce barriers for homeowners and tenants who wish to improve accessibility in their residences; and

WHEREAS, it is in the interest of the public health, safety, and welfare to support measures that promote accessibility;

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NEW CARROLLTON, MARYLAND, as follows:

SECTION 1. AMENDMENT TO CHAPTER 41

Chapter 41 of the New Carrollton City Code is hereby amended to include the following:

§ 41-XX. Waiver of Permit Fees for Accessibility Improvements.

1. Permit Fee Waiver: Any homeowner or tenant seeking to make their residential property more accessible for individuals with disabilities shall be eligible for a waiver of all permit fees associated with the required permits for such improvements.

2. Eligibility Requirements:
    - The applicant must provide proof of disability, which may include:
    - A letter from a licensed medical professional confirming the disability.
    - Documentation from a government agency certifying the individual's disability status.
    - Proof of disability must be submitted at the time of the permit application.

3. Scope of Improvements: The following types of improvements may qualify for the permit fee waiver:
    - Installation of ramps
    - Widening of doorways
    - Modification of bathrooms and kitchens for accessibility
    - Any other improvements deemed necessary for accessibility by the City's Building Official.

4. Application Process: The applicant shall complete the necessary application forms, provide required documentation, and submit them to the City's Building Department. The Building Department shall verify the submitted proof of disability.

5. Limitations: This waiver applies only to permit fees and does not negate compliance with all other applicable codes and regulations.

SECTION 2. SEVERABILITY

If any provision of this ordinance is held to be invalid, illegal, or unenforceable, the remaining provisions shall continue in full force and effect.

SECTION 3. EFFECTIVE DATE

This ordinance shall take effect on [Insert Date], following its passage and approval.

ENACTED THIS [INSERT DATE] DAY OF [MONTH], [YEAR].

BY ORDER OF THE CITY COUNCIL OF NEW CARROLLTON, MARYLAND.

Pool Fill at 600 Harland Street

Company	Price	Scope of Work
CDM and Associates Worldwide LLC 11325 Random Hills Road Suite 360-A211 Fairfax, Virginia 22030 Charles (Chuck) Desmond Moore / 703.258.5026	**$170,000 ±**	Swimming Pool Demolition – City of New Carrollton Visit the site Secure building permit in our company name Contact Miss Utility Mobilize to the site Break up the concrete pool bottom and walls Call in and pass inspection Backfill pool cavity with broken concrete and concrete flatwork Place stabilization sheet over backfilled concrete Backfill remaining area with existing dirt and asphalt millings Compact material in 6-inch lifts Hold compacted material 12 inches below final grade Import up to 60 loads of unscreened fill dirt for final top cover
Gordian (Cooperative Job Order Contracting) Luke Rinehart Account Manager l.rinehart@gordian.com	Job Order Amount; PO to Contractor: $129,553.12 License Fee (5.00%); PO to Gordian: $6,477.66	**Plumbing** -Cap all plumbing inside the existing pump house to allow for demolition of the structure -Once the existing pump

443-953-6097 **Janus Contractors Inc** Andrew Kook Senior Project Manager andrew@januscos.com 301-850-4770	**Total Project Cost: $136,030.78**	house is demolished, cap all lines 18 inches below grade **Electrical** - Cap and ensure the safety of all electrical components in the existing pump house and pools -Abandon electrical components in place **Site work** -Chip the concrete of the existing pools to a depth of 2 feet below grade -Backfill both pools using the on-site materials provided and existing sidewalk (existing sidewalk to broken into small pieces), up to 1' foot below the finished grade. -Bring in and grade the infill pool areas and the pump house site with topsoil -Demolish the pool house, including concrete floors and sumps -Chip and remove concrete sidewalks surrounding the pools as necessary -Demolish the fence around the smaller pool -Install silt fencing for erosion control during demolition -Removal of all sediment and erosion controls once project is completed -All pool pump equipment will be removed and disposed offsite

		-Final Grading ***Clarification & Assumptions:*** -Proposal is based on standard working hours Proposal is NOT based on Davis-Bacon Wage Scale -Bond is included in our proposal -Perimeter fencing around edge of property will remain. -Hazardous Materials are excluded. If Hazardous Materials are found, the Owner will be notified directly.
Muller, Inc. 400 N Washington St, 3rd Floor Falls Church, VA 22046 Phone# 703-560-4040	**$172,252.00**	-Install typical 50' x 10' construction entrance. -Sawcut concrete from edge of pool deck to fence at kiddie pool. -Demolish concrete flatwork, basketball court with poles, pump house, & remove spoils off-site. -Approximately 3,800 of compacted fill is estimated to be needed based on assumed depths of the pool areas. If dirt fill cannot be locally sourced, assumes RC-6 is acceptable and the top 12" will be capped with clean fill dirt.

Cellular Site Services DBA Alliance Trade Services. LLC 9701 Croom Rd Upper Marlboro, MD 20772 admin@aliancetradeserv.com +1 (301) 627-4822 www.aliancetradeserv.com	**$138,999.00**	**Complete demolition of the old Suburban Aquatic Club located at 6000 Harland St, Lanham, Md 20706. The project will include the following scope of work. (Plumbing infrastructure abandonment) (Electrical main feed abandonment) (Site work and Demolition) All needed permits** **Plumbing:** 1.-Cap all plumbing inside the existing pump house to prepare for its demolition. 2.-After the pump house is demolished, cap all water lines 18 inches below grade. 3.- Cap off the 2" main water supply line after the water meter and provide abandonment documentation. 4.- Cap and fill the sewer main at the existing manhole/ clean-out vault to WSSC plumbing code standards. After abandonment, provide the City of New Carrollton with WSSC plumbing abandonment documentation. **Electrical:** 1.- disconnect all electrical components within the existing pump house and pools. Ensure all electrical work is done in conjunction within the national electrical code safety standards. 2.-Abandon the main electrical feed components to the property in place. 3.- Insure that a l electrical to

		the property is deenergized after the property sub meter base. **Demolition project:** 1.-Demolish the pool house, including concrete floors and sumps. 2.-Demolish the fence around the smaller pool. 3.-Demolish the old pool pump house. 4.-Remove and dispose of all pool pump equipment offsite. 5.- Provide the site demolition permit for this project. **Site work:** 1.- Install silt fencing for erosion control down hill from a site work project. 2.-Chip the concrete of the existing pools to a depth of 2 feet below grade. 3.-Chip and remove concrete sidewalks surrounding the pools as necessary. 4.-Backfill both pools with on-site materials and existing sidewalk (broken into small pieces) up to 1 foot below the finished grade. 5.-Perform final grading of the site work and let soil stabilize. 6.-Remove all sediment and erosion controls upon project completion.

		1 Year labor warranty by Alliance Trade ServicesWarranty: 1-Year Labor Warranty Coverage: This warranty covers the cost of labor for repairs to the plumbing project for a period of one year from the date of completion. Details: This warranty covers the cost of labor for repairs needed due to defects in workmanship of the plumbing abandonment project . It does not cover issues caused by misuse, neglect, or damage caused by others. What is covered: The cost of the technician's labor to diagnose and fix problems caused by defects in workmanship or materials. What is not covered: Damage caused by misuse, neglect, or accidents. Repair or replacement of parts due to normal wear and tear. Labor costs for any work performed beyond the warranty period.

703.494.4220
myCapitolBuilders.com

Capitol Builders Group, Inc.

www.mycapitolbuilders.com
5520 C Hempstead Way
Springfield VA 22151
A Class A Licensed Contractor
Phone 703-494-4220. Fax 703-494-1554
Virginia # 2705124006 // DC # 410519000179 // MHIC # 136813

RESPECTFULLY SUBMITTED TO:
CITY OF NEW CARROLLTON
ATTN: MR. QUENTIN DAWSON
6016 Princess Garden Parkway
New Carrollton, Maryland 20784-2898
301.459.6100 / 667.379.0214 / qdawson@newcarrolltonmd.gov

We Capitol Builders Group, Inc. (CBG) Propose to perform the remodeling work at the above mentioned address owned by you in accordance with this proposal, attached work summary, and The attached plans (if applied).

Any Alteration or deviation from above specifications involving extra costs, Will be executed, only upon written order, and will become an extra charge Over and above and estimate. All agreements contingent upon strikes, accidents and or delays beyond our control Owner to carry fire tornado and other necessary insurance upon above work.

Note: This proposal may be withdrawn by us if not accepted within 30 days

Acceptance of Proposal
The prices below, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. If payment is not received within thirty (30) days following contract completion, the finance charged in the amount of 18% per annum shall accrue the balance owed until paid in full. If this account is placed in the hands of an attorney for collection the customer shall be liable for all costs of collection including but not limited to attorney fees in the amount of 25% of the balance owed.

Warranties up on acceptance of proposal

- CBG provides a limited warranty on all CBG, and its subcontractors supplied labor and materials used in the job for a period of one year following substantial completion of all work.
- CBG will not warranty any materials furnished by the owner or other contractors and suppliers.
- CBG will not be responsible for any materials damages to part or totally beforehand brought to the job site.
- All materials that are covered by a manufacturer's warranty are strictly covered by the warranty of the manufacturer.

Work cancellations.
Customer has three business days to cancel signed contract without any penalties if desired not to proceed with project, such cancellation must be presented in writing prior to mid night of third business day after signing Contract.

Approval initial: _____ // _____ CBG *HAS GONE GREEN!! WE ARE NOW OFFERING ZERO VOC PAINT.*
OWNER CBG

703.494.4220
myCapitolBuilders.com

Capitol Builders Group, Inc.

QUOTE # 250701CDM099

GENERAL CONDITIONS

A. CHANGES

During the project, the owner may want changes to the scope of work (both additions and deletion). The increase or reduction in cost as related to the said changes will be determined by the agreement of the owner and CBG. All changes to the project (work) will be implemented only after a written change-order has been issued.

The owner should make prompt decisions as related to unspecified items such as colors of paint, finish of wood floor, etc., so as not to delay the progress of the work.

B. EXCLUSIONS

Unless specifically included in the "general scope of work" this agreement does not include labor or materials for the following work

To remove and dispose of any materials containing asbestos or any other hazardous materials as Defined by the EPA. Custom milling of any wood for use in the project. Moving the owner's property around the site. Labor or materials required to repair or replace any owner-supplied material. Repair of concealed underground utilities not located on the plans which are damaged during construction, any survey which may be required to establish accurate property boundaries for setback purposes. Final construction cleaning (CBG will leave site in "broom swept" condition). Landscaping and irrigation work of any kind to correct the existing out-of-plumb or out of –level joists, doors, and windows.

CBG and its subcontractors do not do any engineering or architectural work. All such work, including the plan to obtain the necessary permits, is done by others, and shall be supplied by the owner.

C. CONCEALED CONDITION

This agreement is based solely on the observations CBG was able to make at the time of its visit to its owner to the job site regarding the structure in its current condition. If adverse concealed conditions which were not visible at the time are discovered once work is commenced, CBG will stop work and point out the adverse concealed condition to owner so that owner and CBG can execute a change order for additional work if any.

Capitol Builders Group, Inc., is pleased to present the following work estimate.

CBG, Will Provide Swimming Pool Demolition, Single Story Building Demolition – City of New Carrollton

- Visit the site
- Secure building permit in our company name
- Contact Miss Utility
- Mobilize to the site
- Break up the concrete pool bottom and walls (approximately 36 inches below grade).
- Call in and pass inspection for backfill
- Backfill pool cavity with broken concrete and concrete flatwork
- Place stabilization sheet over backfilled concrete
- Backfill remaining area with existing dirt and asphalt millings

- Compact material in 6-inch lifts
- Hold compacted material 12 inches below final grade
- Import up to 60 loads of unscreened dirt for the final top cover

Estimated Cost: $170,000

Small Building Demolition

- Visit the site
- Contact Miss Utility
- Mobilize to the site
- Demolish the structure
- Haul off all non-structural debris (wood, shingles, etc.)
- Use existing material for back grading
- Hold backfill material 12 inches below final grade
- Import up to 10 loads of unscreened filled dirt
- Grade the area to blend with the surroundings

Estimated Cost: $30,000

Provided by the City of New Carrollton (For Both Scopes):

- Grading plans (if required)
- Erosion and sediment control
- Pool pump plumbing and electrical termination
- Metal fence removal
- Seed and straw mat

Note:

- CBG, needs clear access, water and electricity.
- Remove all interior items from the pool project area provided by others.
- Land disturbance plans, silt fence or ground cover not included.
- No price deducts for quantitative values or measurements apply.
- Charles D. Moore will mark and direct employees to the repair sites.
- All work is based on existing water, electricity, plumbing and HVAC.

Special Note:

- CBG will tidy up the project approach area.
- Temporary orange plastic construction fence installed daily (if necessary).
- CBG will terminate all gas, power and electricity from the home to the pool pump.
- CBG to use seed and straw for erosion control (if necessary).

- Any tree trimming or additional work for access provided by others.
- All documents necessary for a permit (i.e., Plat, etc.) will be provided by others.
- This estimate does not include bonding costs or other fees that may be required by the city or any governing agency and are unknown at this time. Any such requirements will be addressed and itemized in the formal proposal once confirmed.
- As the customer, I acknowledge, I have the authority to direct CBG, and or assigns and all subcontractors, to leave the public roadway and enter private property to make delivery and service and I shall be responsible for any damages incurred, because of such entry and do hereby agree to hold harmless and indemnify CBG and or assigns and all subcontractors against all claims and losses caused thereby. CBG will not disclose the owner's identity or specific address in any videos or photos.

General Project Key Notes:

- ❖ Capitol Builders Group, Inc. is a fully licensed bonded and insured General Contractor
- ❖ A full year of workmanship is part of our warranty on our projects as specified above
- ❖ CBG, INC. to provide all materials to complete projects using materials such as:
  - ❖ Specified on work scope but not limited to upgrades at owner's expense.
  - ❖ Express warranties do not include paint, fading grout or caulking breakage.

This agreement was made this_____ day of _____ 2025, by Capitol Builders Group, Inc. (the "Contractor") and City of New Carrollton Maryland (the "Customer") for work at: 6000 Harland Street Lanham, Maryland 20706 (the "Premises").

CONTRACT ADDENDUM

a.	Deposit	15% $ 30,000.00.
b.	Permit Presentation	10% $ 20,000.00.
c.	Equipment Delivery	15% $ 30,000.00.
d.	Small Building Demolition	20% $ 40,000.00.
e.	Pool Backfill Inspection Approval	30% $ 60,000.00.
f.	Balance at Completion	10% $ 20,000.00.

SUBMITTED TO: _____ DATE: _____
City of New Carrollton / Owner

SUBMITTED TO: _____ DATE: _____
Mr. Martir Hernandez / Contractor Builder

Capitol Builders Group, Inc.

QUOTE # 250701CDM099

Additional notes:

01- _____

02- _____

03- _____

04- _____

05- _____

06- _____

07- _____

08- _____

09- _____

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Building knowledge

Maryland
DEPARTMENT OF GENERAL SERVICES

Project Cost Summary

Attn: MARYLAND DGS - City of New Carrollton
Quentin Dawson

Proposal Date: May 08, 2025
Project No. 139731

Job Order No: 139731.00
Job Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Project Manager: Quentin Dawson
MD DGS Contract #:CTR015452
MD DGS Gordian CTR #: DGS-22-300-JOC

Job Order Amount; PO to Contractor:	$129,553.12
License Fee (5.00%); PO to Gordian:	$6,477.66
Total Project Cost:	**$136,030.78**

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Maryland
DEPARTMENT OF GENERAL SERVICES

Work Order Signature Document

EZIQC Contract No.: CTR015452

[X] New Work Order [ ] Modify an Existing Work Order

Work Order Number:	139731.00	Work Order Date:	05/08/2025
Work Order Title:	NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool		
Owner Name:	City of New Carrollton	Contractor Name:	Janus Contractors Inc
Contact:	Quentin Dawson	Contact:	Andrew Kook
Phone:	301-459-6100	Phone:	(301) 850-4770

Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of EZIQC Contract No CTR015452.

Brief Work Order Description:

Demolition of pool shed and infill of swimming pool.

Time of Performance Estimated Start Date: 06/16/2025
Estimated Completion Date: 08/19/2025

Liquidated Damages Will apply: [ ] Will not apply: [X]

Work Order Firm Fixed Price: $129,553.12

Owner Purchase Order Number:

Approvals

Owner _____ Date

Contractor _____ Date

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Maryland
DEPARTMENT OF GENERAL SERVICES

Detailed Scope of Work

To: Andrew Kook
Janus Contractors Inc
7852 Walker Drive, Suite 375
Greenbelt, MD 20770
(301) 850-4770

From: Quentin Dawson
City of New Carrollton

301-459-6100

Date Printed: May 08, 2025

Work Order Number: 139731.00

Work Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool

Brief Scope: Demolition of pool shed and infill of swimming pool.

☐ **Preliminary** ☐ **Revised** ☒ **Final**

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

All work to be completed per the attached scope of work. No changes shall occur without approval from the City of New Carrollton.

Contractor _____ Date _____

Owner _____ Date _____

Contractor's Price Proposal Summary - CSI

Date:	May 08, 2025
IQC Master Contract #:	CTR015452
Work Order Number:	139731.00
Owner PO #:	
Work Order Title:	NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Contractor:	Janus Contractors Inc
Contract:	CTR015452
Proposal Name:	NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Proposal Value:	$129,553.12

01 - General Requirements	**$51,030.58**
02 - Site Work	**$32,973.52**
31 - Earthwork	**$41,369.38**
32 - Exterior Improvements	**$4,179.64**
Proposal Total	**$129,553.12**

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percentage of NPP on this Proposal: **0.00%**

Owner Project Manager _____ Date _____

Contractor Project Manager _____ Date _____

Contractor's Price Proposal - Detail - CSI

Date: May 08, 2025

IQC Master Contract #: CTR015452
Work Order Number: 139731.00
Owner PO #:
Work Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Contractor: Janus Contractors Inc
Contract: CTR015452
Proposal Name: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Proposal Value: $129,553.12

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)			

01 - General Requirements

1	01 22 16 00-0002			EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	$2,828.28

	Quantity		Unit Price		Factor	=	Total
Installation	2,800.00	x	1.00	x	1.0101	=	$2,828.28

Demolition Permit

2	01 22 20 00-0010			HR	ElectricianFor tasks not included in the Construction Task Catalog® and as directed by owner only.	$1,298.23

	Quantity		Unit Price		Factor	=	Total
Installation	16.00	x	85.41	x	0.9500	=	$1,298.23

Cut, Cap, and Make Safe Electrical

3	01 22 20 00-0015			HR	LaborerFor tasks not included in the Construction Task Catalog® and as directed by owner only.	$566.05

	Quantity		Unit Price		Factor	=	Total
Installation	16.00	x	37.24	x	0.9500	=	$566.05

Maintenance of silt fence

4	01 22 20 00-0024			HR	PlumberFor tasks not included in the Construction Task Catalog® and as directed by owner only.	$2,013.01

	Quantity		Unit Price		Factor	=	Total
Installation	24.00	x	88.29	x	0.9500	=	$2,013.01

Cut, Cap, and Make Safe Plumbing

5	01 22 23 00-0284			WK	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	$10,224.80

	Quantity		Unit Price		Factor	=	Total
Installation	3.00	x	3,587.65	x	0.9500	=	$10,224.80

Used for Infilling Pool, Breaking up sidewalk, hauling milling from Stockpile, dumping concrete sidewalk into pool to include subgrade aggregate

6	01 22 23 00-0296			WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	$2,742.81

	Quantity		Unit Price		Factor	=	Total
Installation	3.00	x	962.39	x	0.9500	=	$2,742.81

Breaking up concrete sidewalk into 4" x 4" pieces for pool infill

7	01 22 23 00-0361			WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	$18,376.77

	Quantity		Unit Price		Factor	=	Total
Installation	3.00	x	6,447.99	x	0.9500	=	$18,376.77

Used for Infilling Pool, Breaking up sidewalk, hauling milling from Stockpile, dumping concrete sidewalk into pool- Operator will be full time

Contractor's Price Proposal - Detail Continues..

Work Order Number: 139731.00
Work Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool

Proposal Name: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Proposal Value: $129,553.12

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)			

01 - General Requirements

8	01 22 23 00-0560			DAY	50 To 60 HP Road Grader With Full-Time Operator							$5,288.89
						Quantity		Unit Price		Factor		Total
					Installation	3.00	x	1,855.75	x	0.9500	=	$5,288.89
					Grader to be used for rough and final grading in all disturbed areas							
9	01 71 13 00-0002			EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed TruckIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.							$542.64
						Quantity		Unit Price		Factor		Total
					Installation	2.00	x	285.60	x	0.9500	=	$542.64
					Skid Steer and Grader							
10	01 71 13 00-0003			EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy-duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.							$1,142.37
						Quantity		Unit Price		Factor		Total
					Installation	1.00	x	1,202.49	x	0.9500	=	$1,142.37
					Excavator							
11	01 74 13 00-0003			CY	Collect Existing Debris And Load Into Truck Or DumpsterPer CY of debris removed.							$2,721.86
						Quantity		Unit Price		Factor		Total
					Installation	254.00	x	11.28	x	0.9500	=	$2,721.86
					Removing all pipe, valve, fittings, and pool accessories into dumpster							
12	01 74 19 00-0015			EA	30 CY Dumpster (4 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.							$3,284.87
						Quantity		Unit Price		Factor		Total
					Installation	4.00	x	864.44	x	0.9500	=	$3,284.87
					pipe, valve, fittings, and pool accessories, and wood pump house							

Subtotal for 01 - General Requirements **$51,030.58**

02 - Site Work

13	02 41 13 13-0030			SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving							$18,771.95
						Quantity		Unit Price		Factor		Total
					Installation	945.00	x	20.91	x	0.9500	=	$18,771.95
					Breaking up sidewalk around pool, and kiddie pool, slab in pump house							
14	02 41 13 13-0030		0013		For >500 To 1,000, Deduct							-$1,876.30
						Quantity		Unit Price		Factor		Total
					Installation	945.00	x	-2.09	x	0.9500	=	-$1,876.30

Contractor's Price Proposal - Detail Continues..

Work Order Number: 139731.00
Work Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool

Proposal Name: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Proposal Value: $129,553.12

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)			

02 - Site Work

15	02 41 16 13-0003			GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck							$4,460.25
						Quantity		Unit Price		Factor		Total
					Installation	750.00	x	6.26	x	0.9500	=	$4,460.25
					Demolition and separation of all Mechanical and Electrical Equipment, pipe, valves, fittings, conduit, etc in pump house							
16	02 41 16 13-0027			CF	Reinforced Concrete Foundation Demolition							$6,008.35
						Quantity		Unit Price		Factor		Total
					Installation	683.00	x	9.26	x	0.9500	=	$6,008.35
					Demolition of top 2' of pool walls							
17	02 41 16 13-0027		0075		For >405 To 810, Deduct							-$1,051.14
						Quantity		Unit Price		Factor		Total
					Installation	683.00	x	-1.62	x	0.9500	=	-$1,051.14
18	02 41 19 13-0063			LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut							$969.76
						Quantity		Unit Price		Factor		Total
					Installation	440.00	x	2.32	x	0.9500	=	$969.76
					Saw Cut 2' from top of pool , saw cut concrete sidewalks where needed to break up slabs							
19	02 41 19 13-0063		0031		For >250, Deduct							-$87.78
						Quantity		Unit Price		Factor		Total
					Installation	440.00	x	-0.21	x	0.9500	=	-$87.78
20	02 41 19 13-0066			LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth							$4,465.15
						Quantity		Unit Price		Factor		Total
					Installation	512.00	x	9.18	x	0.9500	=	$4,465.15
					Saw Cut 2' from top of pool , saw cut concrete sidewalks where needed to break up slabs							
21	02 41 19 13-0066		0030		For Each Additional Pass (Depth To 3"), Add							$1,751.04
						Quantity		Unit Price		Factor		Total
					Installation	512.00	x	3.60	x	0.9500	=	$1,751.04
22	02 41 19 13-0066		0031		For >250, Deduct							-$437.76
						Quantity		Unit Price		Factor		Total
					Installation	512.00	x	-0.90	x	0.9500	=	-$437.76

Subtotal for 02 - Site Work **$32,973.52**

31 - Earthwork

23	31 05 13 00-0007			CY	Common Fill, Native Soil/Dirt							$15,622.75
						Quantity		Unit Price		Factor		Total
					Installation	460.00	x	35.75	x	0.9500	=	$15,622.75
					12" of Top soil on top of millings and fill for pool and kiddie pool and level areas where sidewalks including aggregate under sidewalks are removed, install top soil in abandoned sump pits in demolished pump house							
24	31 05 13 00-0007		0059		For >240, Deduct							-$4,242.51
						Quantity		Unit Price		Factor		Total
					Installation	540.00	x	-8.27	x	0.9500	=	-$4,242.51

Contractor's Price Proposal - Detail Continues..

Work Order Number: 139731.00
Work Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool

Proposal Name: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool
Proposal Value: $129,553.12

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)			

31 - Earthwork

25 31 05 16 00-0011 — CY — #78 Stone Aggregate Fill (3/32" To 1/2") — $11,863.37

	Quantity		Unit Price		Factor	=	Total
Installation X	1,112.00	x	11.23	x	0.9500	=	$11,863.37

Millings to be used for infill of pool and kiddie pool. Millings to be supplied by Owner

26 31 22 19 13-0010 — CSY — Fine Grade, 3 Passes With Grader — $13,203.48

	Quantity		Unit Price		Factor	=	Total
Installation	40.00	x	347.46	x	0.9500	=	$13,203.48

Final Grading of Pool Area and Sidewalks that were removed

27 31 23 16 33-0018 — SY — Compaction of Fill or Subbase for Bulk Excavation by MachinePer Lift — $2,995.12

	Quantity		Unit Price		Factor	=	Total
Installation	7,332.00	x	0.43	x	0.9500	=	$2,995.12

Compaction of 611 SY pool x 12 lifts = 7332

28 31 25 14 26-0008 — LF — 3' High Silt Fence with Stakes at 4' On Center — $1,761.11

	Quantity		Unit Price		Factor	=	Total
Installation	460.00	x	4.03	x	0.9500	=	$1,761.11

Erosion Control around Construction Area

29 31 25 14 26-0017 — LF — Removal Of Silt Fence And Stakes — $166.06

	Quantity		Unit Price		Factor	=	Total
Installation	460.00	x	0.38	x	0.9500	=	$166.06

Removal of Erosion Controls once project has been completed

Subtotal for 31 - Earthwork **$41,369.38**

32 - Exterior Improvements

30 32 31 13 13-0145 — LF — 4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post — $1,054.50

	Quantity		Unit Price		Factor	=	Total
Installation	0.00	x	35.87	x	0.9500	=	$0.00
Demolition	500.00	x	2.22	x	0.9500	=	$1,054.50

Removal of fencing around pool area- Outer Perimeter fencing to remain

31 32 91 13 16-0017 — EA — Pine Straw Mulch BaleCovers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen. — $2,244.24

	Quantity		Unit Price		Factor	=	Total
Installation	308.00	x	7.67	x	0.9500	=	$2,244.24

Seed and Straw all disturbed areas where new top soil is installed

32 32 91 13 16-0017 — 0365 — For >250 To 500, Deduct — -$166.78

	Quantity		Unit Price		Factor	=	Total
Installation	308.00	x	-0.57	x	0.9500	=	-$166.78

33 32 92 19 13-0021 — MSF — Utility Mix, Hydro Or Air Seeding7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass. — $1,047.68

	Quantity		Unit Price		Factor	=	Total
Installation	15.50	x	71.15	x	0.9500	=	$1,047.68

Seed and Straw all disturbed areas where new top soil is installed

Subtotal for 32 - Exterior Improvements **$4,179.64**

Contractor's Price Proposal - Detail Continues..

Work Order Number: 139731.00
Work Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool

Proposal Total **$129,553.12**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

GORDIAN®

Maryland
DEPARTMENT OF GENERAL SERVICES

Subcontractor Listing

Date Printed: 5/8/2025

Work Order Number: 139731.00

Work Order Title: NEWCARROLLTON- Demo Outbuilding and Infill Swimming Pool

JO Amount: $129,553.12

Name of Contractor	Duties	Classification(s)	Amount	%
Janus Contractors Inc	General contractor	No Certification Input	$0.00	0.00

Summary:

Name: Andrew Kook

Title:

Firm or Corporate Name: Janus Contractors Inc

Address: 7852 Walker Drive, Suite 375, , Greenbelt MD 20770

Telephone Number: (301) 850-4770

Signature: _____ Date _____

JANUS

05/8/2025

Attn: Maisha Williams

Project Name: New Carrolton Phase 1: Pool Infill & Pool Pump House Demolition

Project Location: 6000 Harland Street Lanham, MD 20706

Dear Ms. Williams,

Please accept our proposal and thank you for the opportunity to provide a bid for the above-mentioned project. Janus Contractors is pleased to submit this proposal based on the below Scope of Work.

SOW:

- Plumbing
  - Cap all plumbing inside the existing pump house to allow for demolition of the structure
  - Once the existing pump house is demolished, cap all lines 18 inches below grade

- Electrical
  - Cap and ensure the safety of all electrical components in the existing pump house and pools
  - Abandon electrical components in place

- Site work
  - Chip the concrete of the existing pools to a depth of 2 feet below grade
  - Backfill both pools using the on-site materials provided and existing sidewalk (existing sidewalk to broken into small pieces), up to 1' foot below the finished grade.
  - Bring in and grade the infill pool areas and the pump house site with topsoil
  - Demolish the pool house, including concrete floors and sumps
  - Chip and remove concrete sidewalks surrounding the pools as necessary
  - Demolish the fence around the smaller pool
  - Install silt fencing for erosion control during demolition
  - Removal of all sediment and erosion controls once project is completed
  - All pool pump equipment will be removed and disposed offsite
  - Final Grading

Clarification & Assumptions:

- **Proposal is based on standard working hours**
- **Proposal is NOT based on Davis-Bacon Wage Scale**
- **Bond is included in our proposal**
- **Perimeter fencing around edge of property will remain**
- **Hazardous Materials are excluded. If Hazardous Materials are found, the Owner will be notified directly.**

- **Permits are included in our proposal**
- **On site testing is not included in our proposal**
- **MBE participation is not included in our proposal**

Please note*
We expect the duration of this project to take 45 days once all permits are in place and weather permitting.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. All agreements contingent upon strikes, accidents, or delays beyond our control, i.e. weather. Our workers are fully covered by Workmen's Compensation Insurance.

Sincerely,

Andrew Kook
Senior Project Manager
andrew@januscos.com
301-850-4770

Task Order No. 2 Pool Demo & Infill E6050A
Submitted to City of New Carrollton by Muller, Inc.

Muller, Inc.

Erosion & Sediment Control | Hydro Excavation | Utilities
Green Infrastructure | Site Work Packages | Bond Release
Pipe Cleaning/Inspection/Repair | Stormwater Maintenance

mullerec.com | 400 N Washington St, 3rd Fl, Falls Church, VA 22046 | 703-560-4040

SCOPE OF WORK

- Install typical 50' x 10' construction entrance.
- Sawcut concrete from edge of pool deck to fence at kiddie pool.
- Demolish concrete flatwork, basketball court with poles, pump house, & remove spoils off-site.
- Approximately 3,800 of compacted fill is estimated to be needed based on assumed depths of the pool areas. If dirt fill cannot be locally sourced, assumes RC-6 is acceptable and the top 12" will be capped with clean fill dirt.

NOTES AND CLARIFICATIONS

- Assumes standard working hours between 7:00am and 5:00pm Monday through Friday.
- Assumes direct truck & equipment access in all work areas.
- Concrete flatwork demo assumes 6" maximum depth without reinforcement.
- A portion of pool side wall may be pushed in to allow for equipment access but otherwise assumes pool walls & bottom remain in-place.
- Assumes client dewaters the pool and any other work areas, removes any chemicals, and performs final stabilization of the site.

	Description	Estimated Quantity	Unit of Measurement	Unit Price	Extended Price
HEAVY EQUIPMENT - Bidders shall provide pricing for the following equipment with operator:					
1	Backhoe Wheeled 5/8 to 1 Cubic Yard Capacity	0	Hour	$ 165.00	$ -
2	Backhoe-Loader, Wheeled, 5/8 to 1 1/4 Cubic Yard Capacity	0	Hour	$ 165.00	$ -
3	Backhoe-Loader, Wheeled, 1-3/4 C.Y. Loader, 1/2 Cubic Yard Backhoe	0	Hour	$ 165.00	$ -
4	Track hoe (less than 1 Cubic Yard bucket	104	Hour	$ 108.00	$ 11,232.00
5	Track hoe 1 C.Y. to 1 1/2 Cubic Yard bucket	0	Hour	$ 285.00	$ -
6	Bucket Clamshell, General Purpose, 3/8 to 3/4 Cubic Yard Capacity	0	Hour	$ 72.00	$ -
7	Bucket Clamshell, General Purpose, 1 to 2 Cubic Yard Capacity	0	Hour	$ 80.00	$ -
8	Crane, 6000 Lb. Capacity	0	Hour	$ 175.00	$ -
9	Loader, Wheeled, 1 to 1-3/4 Cubic Yard Capacity	0	Hour	$ 165.00	$ -
10	Loader, Wheeled, 2 to 3 Cubic Yard Capacity	0	Hour	$ 195.00	$ -
11	Tractor with Power Broom	0	Hour	$ 155.00	$ -
12	Single Axle Dump Truck	104	Hour	$ 70.00	$ 7,280.00
13	Tandem Axle Dump Truck (Minimum 12 ton Capacity)	30	Hour	$ 84.00	$ 2,520.00
14	Vacuum Truck to 5,000 Gallon Capacity (Vac All)	0	Hour	$ 345.00	$ -
15	Vacuum Truck for the removal of oil layers	0	Hour	$ 205.00	$ -
16	Work Boat (under 27 feet), Skiff Type	0	Hour	$ 120.00	$ -
17	Long Reach Track Excavator (50 foot reach or greater)	0	Hour	$ 350.00	$ -
18	Standard Track Excavator (under 30 foot reach)	104	Hour	$ 199.00	$ 20,696.00
19	Bulldozer	0	Hour	$ 295.00	$ -
20	Watering Truck (2,000 gallons)	0	Hour	$ 145.00	$ -
21	Slope/Ditch Mower (Articulated Arm tractor attachment)	0	Hour	$ 250.00	$ -
SMALL EQUIPMENT - provide pricing for the following equipment which maybe required during BMP projects:					
22	Sump Pump (under 50 GPM) with sediment bags	0	Day	$ 475.00	$ -
23	Compactor, Vibratory Plate 24", 5,000 Lb. Blow	10	Day	$ 556.00	$ 5,560.00
24	Generator (5KW)	0	Day	$ 250.00	$ -
25	Dewatering Pump (300 GPM) with sediment bags	0	Day	$ 275.00	$ -
MATERIALS					
26	Aggregate Base Materials VDOT Type I, 21A/B	0	Ton	$ 30.00	$ -
27	Bedding Material, #57 Stone	0	Ton	$ 42.00	$ -
28	Select Fill Sand VDOT Type I, MIN CBR 20	4560	Cubic Yard	$ 24.30	$ 110,808.00
29	Rip Rap Class I	0	Ton	$ 72.00	$ -
30	Rip Rap Class II	0	Ton	$ 82.00	$ -
31	Rip Rap Class III	0	Ton	$ 120.00	$ -
32	Topsoil (2 inch thick)	0	Square Yard	$ 8.75	$ -
33	Permanent Seed (less than 0.5% weed content with lime, mulch, and fertilizer, as needed)	0	Square Yard	$ 0.39	$ -
34	Silt Fence	0	Linear Feet	$ 0.58	$ -
35	Storm Drain Inlet Protection	0	Each	$ 60.00	$ -
36	Geotextile Filter Fabric	0	Square Yard	$ 1.80	$ -
37	Stone for Erosion Control VDOT Standard EC-1	20	Ton	$ 49.00	$ 980.00
38	Degradable Soil Stabilization Fabric VDOT EC-2	0	Square Yard	$ 0.56	$ -
39	Non-Degradable Geotextile Grid for Slope Stabilization VDOT EC-3	0	Square Yard	$ 3.95	$ -
40	Turbidity Curtain (DCR Type I)	0	Linear Feet	$ 10.00	$ -
41	Offsite Material Disposal - Debris and Excavated Soils	110	Cubic Yard	$ 14.00	$ 1,540.00

	42	Off-Site Material Disposal (Dredge) – Soils, Sediment and Debris removed from below the waterline at pond locations	80	Cubic Yard	$	37.00	$ 2,960.00
	43	Off-Site Material Disposal – Oil layer removed from BMPs	0	Cubic Yard	$	380.00	$ -
LABOR:							
	44	Field Supervisor	50	Hour	$	66.00	$ 3,300.00
	45	Laborer	96	Hour	$	56.00	$ 5,376.00
	46	Certified Flagman	0	Hour	$	85.00	$ -
MISCELLANEOUS:							
	47	Herbicides – Includes application, equipment, safety gear, and warning signs	0	Gallon	$	74.00	$ -
	48	Pesticides – Includes application, equipment, safety gear, and warning signs	0	Gallon	$	74.00	$ -
	49	Traffic Control, including crash truck and arrow board (single lane closure)	0	Day	$	2,600.00	$ -
	50	Construction Surveying	0	Hour	$	275.00	$ -

NPP Non Pre-Priced Item (Added through Amendment) Not in Contract but Needed to Complete Scope of Work

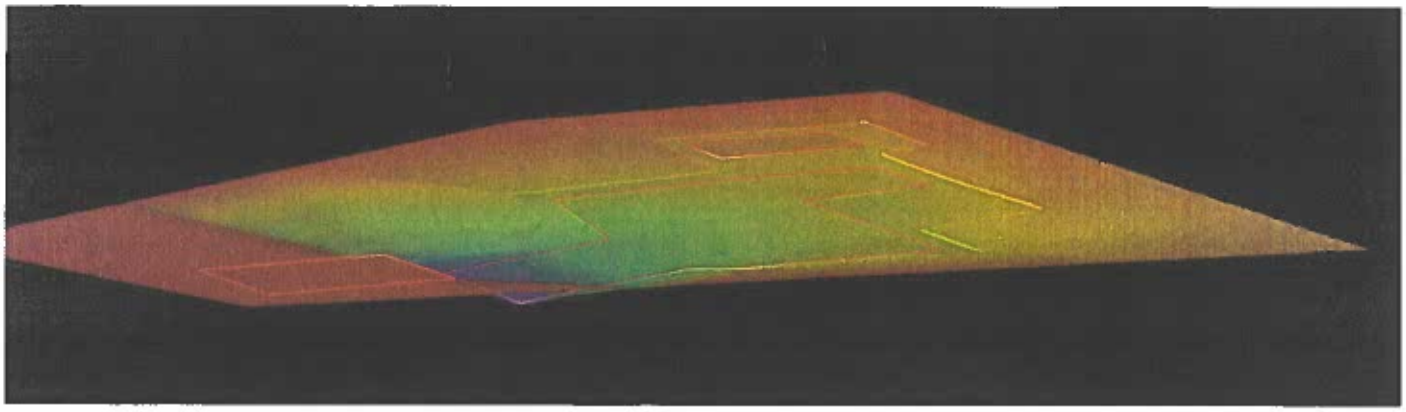
DESCRIPTION OR CLARIFYING NOTES

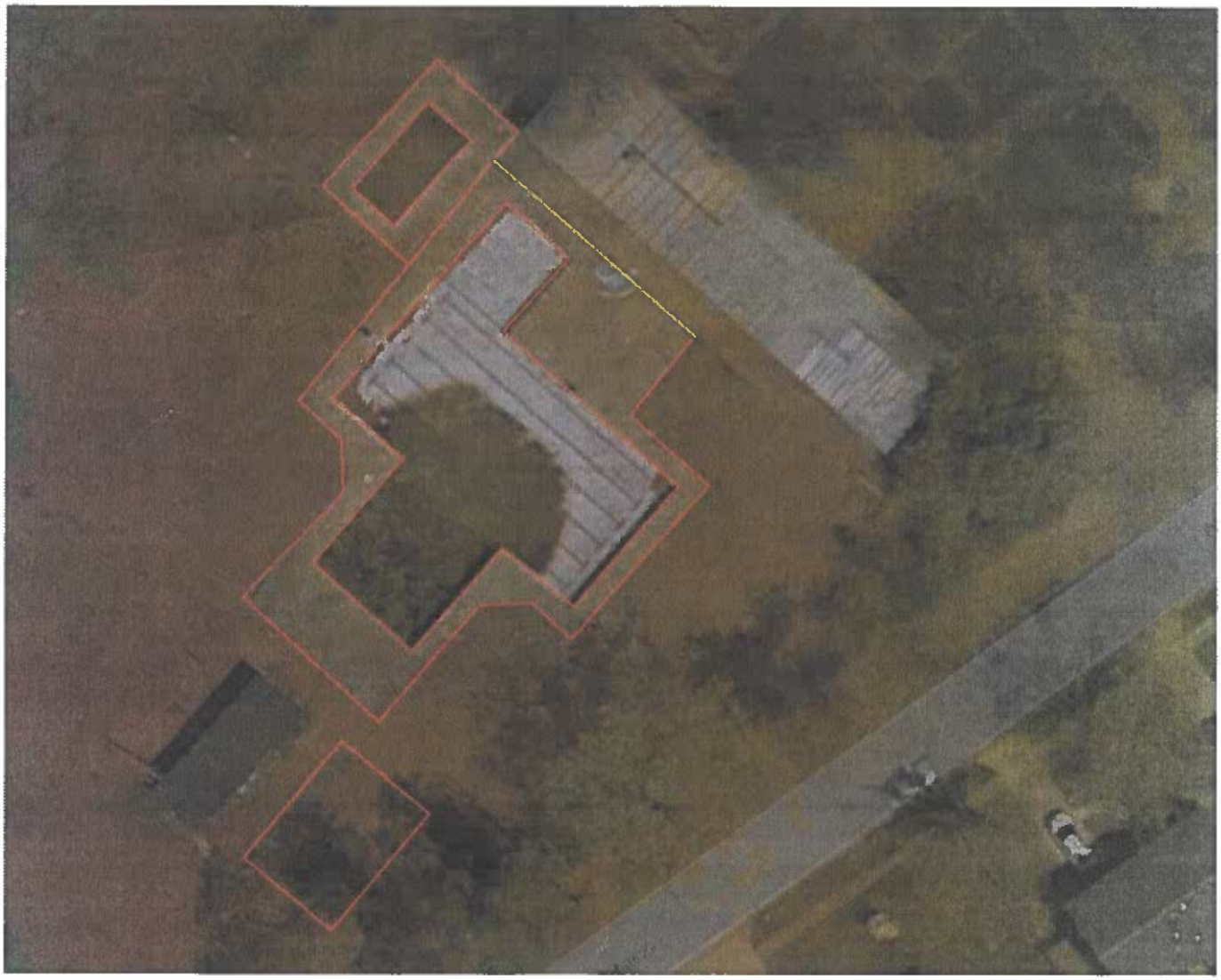
QTY	U/M	UNIT PRICE	TOTAL PRICE
0		$ -	$ -
0		$ -	$ -
0		$ -	$ -
0		$ -	$ -
0		$ -	$ -

Task Order Estimated Total **$ 172,252.00**

*This is a lump sum proposal. Total task order estimated total will be billed unless a scope or site condition dictates the need for a change order.

*In some situations where a specific line item is needed, but is not an available option, another similar item may have a quantity inputted. In which the unit price is +/- the same. For instance, if a tow behind concrete mixer is needed for a task order but is not an available item, another item such as a "generator" may be used, but is understood to represent what is actually needed. The same unit price listed will be billed.





ESTIMATE

Cellular Site Services DBA
Alliance Trade Services. LLC
9701 Croom Rd
Upper Marlboro, MD 20772

admin@alliancetradeserv.com
+1 (301) 627-4822
www.alliancetradeserv.com

Bill to
city
City of New Carrollton
6016 Princess Garden Parkway
New Carrollton, MD 20784
United States

Estimate details
Estimate no.: 1046-Harland St. Demo
Estimate date: 07/03/2025
Expiration date: 08/04/2025

#	Date	Product or service	Description	Amount
1.		**Services**	Complete demolition of the old Suburban Aquatic Club located at 6000 Harland St, Lanham, Md 20706. The project will include the following scope of work. (Plumbing infrastructure abandonment) (Electrical main feed abandonment) (Site work and Demolition) All needed permits	$138,999.00
2.			Plumbing: 1.-Cap all plumbing inside the existing pump house to prepare for its demolition. 2.-After the pump house is demolished, cap all water lines 18 inches below grade. 3.- Cap off the 2" main water supply line after the water meter and provide abandonment documentation. 4.- Cap and fill the sewer main at the existing manhole/ clean-out vault to WSSC plumbing code standards. After abandonment provide the City of New Carrollton with WSSC plumbing abandonment documentation.	
3.			Electrical: 1.- disconnect all electrical components within the existing pump house and pools. Insure all electrical work is done in conjunction within the national electrical code safety standards. 2.-Abandon the main electrical feed components to the property in place.	

		3.- Insure that all electrical to the property is de-energized after the property sub meter base.	
4.		Demolition project: 1.-Demolish the pool house, including concrete floors and sumps. 2.-Demolish the fence around the smaller pool. 3.-Demolish the old pool pump house. 4.-Remove and dispose of all pool pump equipment offsite. 5.- Provide the site demolition permit for this project.	
5.		Site work: 1.- Install silt fencing for erosion control down hill from site work project. 2.-Chip the concrete of the existing pools to a depth of 2 feet below grade. 3.-Chip and remove concrete sidewalks surrounding the pools as necessary. 4.-Backfill both pools with on-site materials and existing sidewalk (broken into small pieces) up to 1 foot below the finished grade. 5.-Perform final grading of the site work and let soil stabilize. 6.-Remove all sediment and erosion controls upon project completion.	
6.	**1 Year labor warranty by Alliance Trade Services**	Warranty: 1-Year Labor Warranty Coverage: This warranty covers the cost of labor for repairs to the plumbing project for a period of one year from the date of completion. Details: This warranty covers the cost of labor for repairs needed due to defects in workmanship of the plumbing abandonment project . It does not cover issues caused by misuse, neglect, or damage caused by others. What is covered: The cost of the technician's labor to diagnose and fix problems caused by defects in workmanship or materials. What is not covered: Damage caused by misuse, neglect, or accidents. Repair or replacement of parts due to normal wear and tear. Labor costs for any work performed beyond the warranty period.	$0.00

Total **$138,999.00**

Expiry date 08/04/2025

Accepted date **Accepted by**

Department of Public Works
6318 Westbrooke Drive
New Carrollton, MD 20784

Transitioning from Back Door Service to Curbside Sanitation Collection

The City of New Carrollton is committed to providing efficient, reliable, and cost-effective sanitation services to all residents. As part of the recycling analysis, I have run across a few areas of concern dealing with Back Door Services. The Back Door Service is immensely helpful for residents dealing with a disability and or accessibility situation however over 52% of residents have normal Back Door Service (such as cans with trash lids properly fastened and trash bags neatly packaged). There are several situations where the dumpers have to deal with animals in the can or in the backyard, trash cans not directly in back of the home, residents have been placing their cans to the back of the their property, not to mention the dumpers have to deal with pulling the trash cans through all weather conditions and property structures. The City has dealt with insurance claims, where the dumpers have dumped the wrong can that resulted in the City reimbursing the residents for their items. The following benefits below will help with service delivery for the residents and the City:

Operational Benefits

1. **Improved Efficiency and Speed**
    - Curbside collection allows for faster routes, reducing time spent at each property.
    - More homes can be serviced in less time with fewer personnel.

2. **Lower Labor Costs**
    - Fewer staff are needed for curbside collection since workers do not enter properties or walk long distances.
3. **Reduced Workplace Injuries**
    - Backdoor collection increases the risk of trips, falls, and dog bites.
    - Curbside pickup limits exposure to hazards and physically demanding tasks.
4. **Optimized Use of Equipment**
    - Semi-automated trucks can be used more effectively at the curb.
    - Reduced wear and tear on vehicles from frequent stops and starts at irregular property locations.

Financial Benefits

1. **Lower Operational Costs**
    - Reduced fuel, maintenance, and personnel costs lead to budget savings.
    - Savings can be reinvested into other public services or equipment upgrades.
2. **Extended Equipment Life**
    - Efficient routes mean trucks run more smoothly and last longer.

Environmental Benefits

1. **Reduced Emissions**
    - Shorter, more efficient routes mean fewer vehicle emissions.
    - Helps municipalities meet climate and sustainability goals.

Service Delivery Benefits

1. **Standardization of Service**
    - Clear, uniform guidelines for residents to reduce confusion and complaints.
    - Easier enforcement of solid waste regulations.
2. **Encouragement of Resident Responsibility**
    - Residents become more engaged in waste management (e.g., sorting recyclables, container use).

Long-Term Strategic Benefits

1. **Improved Data and Route Planning**
    - Easier to integrate with GPS and route optimization software.
    - Better tracking of bins, tonnage, and compliance.
2. **Supports Modernization Goals**
    - Aligns with smart city initiatives, automation trends, and efficient public works management.

City of New Carrollton RFP-NC-2025-13 Request for Mahoney Woods Amphitheater Proposal
Bid Opening
Thursday, May 15,2025 at 2:00 p.m.

Company Name & Address	Bid Amount	Company Representative	Date & Time Submitted 1 Original, 2 Copies	Notes Enter pertinent information and cost. Look at scope of work
CAPITAL Construction Group **3321 12th Street NE** **Suite 3** **Washington, DC 20017-4008**	$495,514.00	Reginald Herndon General Manager rherndon@ccg-wdc.com.	5/15/25 1:55pm	-Stage Area $169,379 -Amphitheater Structure $117,746 -Accessibility $115,393 -Access $92,996 **Grand Total $495,514**
County Welding, LLC **15873 Commerce Court** **Upper Marlboro, MD 20774** **(240) 714-5208**	$229,221.00	Trevor Ramoutar President, trevor@weldingdc.com	5/15/25 9:34AM	Stage Area $65,928.00 Miscellaneous $19,800.00 Accessibility $54,183.00 Access $89,310.00 **Grand Total $229,221.00**

COUNTY WELDING
15873 Commerce Court, Upper Marlboro, MD 20774
Tel: 240-882-5617 Office: 240-714-5208 Fax: 240-714-5209

6/June/2025

City of New Carrollton
Mr. Quentin Dawson, Procurement
6016 Princess Garden Parkway
New Carrolton, MD 20784

RE: Mahoney Woods Amphitheater Proposal

Mr. Dawson,
County Welding, LLC is pleased to provide our design build proposal for the above referenced project. We acknowledge Addendum #1.

We look forward to working with the city on this project.

If you have any questions or need additional information, please do not hesitate to contact me at trevor@weldingdc.com.

Thank you.

Trevor Ramoutar
President, County Welding, LLC

DAVID ICENHOWER
Project Manager

Education
Northern High School, High School Diploma - 2002
40-Hour Construction Project Management Accelerated Program at PGCC - 2012

Years of Experience
14 years

Certifications
USACE Quality Management for Contractors Certified
OSHA 30-Hour Occupational Safety and Health
Certified in Adult CPR and First Aid

Profile
Mr. Icenhower has over 14 years' experience in the construction industry and has proven to be very effective in the daily administration, management and facilitation of construction projects, from preconstruction to final close-out. His former experience with other trades, and continuing education makes him well suited for this position.

Experience
Project Manager, County Welding, LLC **11/24 to Current**
Mr. Icenhower serves as Project Manager on our General Construction side and in responsible for owner/architect correspondence, RFIs, scheduling, subcontract purchase, award and administration, shop drawings/submittals, claims avoidance and resolution, cost control, monthly reports, changer order and submittal review, Owner meetings, progress meetings, contract close-out, warranty work, quality control and safety

- **Shifflett Properties Design Build Accounting Office**
  Mr. Icenhower served as the Project Manager for this Design build project with a modular 12' x 22' office space with associated earthwork, exterior improvements, concrete walkways and electrical.

- **Fairfax County Park Pavillion**
  Design build project with a 20' x 30' covered pavilion with associated earthwork, exterior improvements, concrete walkways and electrical.

Project Manager, Rich Moe Enterprises, LLC **10/09 to 11/24**
As Project Manager he has proven very effective in the daily administration, management, and facilitation of RME's construction projects, from preconstruction to final close-out. His specific duties include owner/architect correspondence, RFIs, scheduling, subcontract purchase, award and administration, shop drawings/submittals, claims avoidance and resolution, cost control, monthly reports, changer order and submittal review, Owner meetings, progress meetings, contract close-out, warranty work, quality control and safety.

- **Courthouse Cafeteria Renovation**
  Mr. Icenhower served as the Project Manager to renovate this 13,540 sf existing Cafeteria in the Prince George's County Courthouse. The Cafeteria is an existing open 2-story space, connected by (2) sets of stairs, however, this project removed (1) set of stairs, and replaced them w/ an Electric Traction Passenger Elevator as necessary to connect the 2 stories. The general intent of this project was to demolish the existing kitchen, dining area, serving lines, dishwashing room & equipment, bathrooms, storage rooms, office areas, staircase, kitchen equipment, flooring, wall & ceiling finishes, etc., remove/replace existing rooftop HVAC equipment (RTU-2, MAU-1, exhaust fans, etc.), remove/replace existing kitchen exhaust hoods and provide new updated Design/Layout, Equipment, & Finishes throughout the space as to modernize and provide efficient functionality for the End User and their customers (Building Staff). The Mechanical, Plumbing, & Electrical Infrastructure was renovated to meet the new Design and Building Codes. The Sprinkler System was renovated to match the new layouts, and a new Fire Alarm System was installed to meet current Building Codes.

Superintendent, Rich Moe Enterprises, LLC **7/07 to 10/09**
As Superintendent, Mr. Icenhower was responsible for all field activities, including day-to-day subcontractor scheduling and on-site coordination, RFIs, shop drawings/submittals, claims avoidance and resolution. He also has the task of project close-out, ensuring all punch list items are taken care of on a timely basis and to the satisfaction of the client.

Construction Foreman, Shelton Construction **1/05 to 7/07**
Responsible for all types of carpentry involving a wide range of construction materials and equipment. Communicate with team members to identify and complete project objectives on schedule.

Carpenter, Stallings National Enterprises, Inc. **8/03 to 1/05**
Gained valuable knowledge in building industry operations as an employee for a full service residential developer. Consistently met strict time constraints/deadlines. Applied skills and knowledge to complete a broad range of construction phases from project initiation through completion of residential restoration.

HVAC Technician, Premaire Home Services **07/02 to 08/03**
Responsible for installation of HVAC ductwork, routing of refrigerant and suction line sets, conserve, install, & recycle CFC refrigerants, installation of electrical connections to HVAC components.

Painter, Century Painting **01/01 to 06/02**
Acquired a deep proficiency in applying coating materials and paint by cutting in, rolling, brushing out, and spraying. Consistently met the project schedule.

SUBCONTRACTOR LIST

County Welding, LLC will self-perform all work on this project.

PROJECT UNDERSTANDING

County Welding, LLC is pleased to provide the attached concept drawing of our design and also the concept Amphitheater drawings.

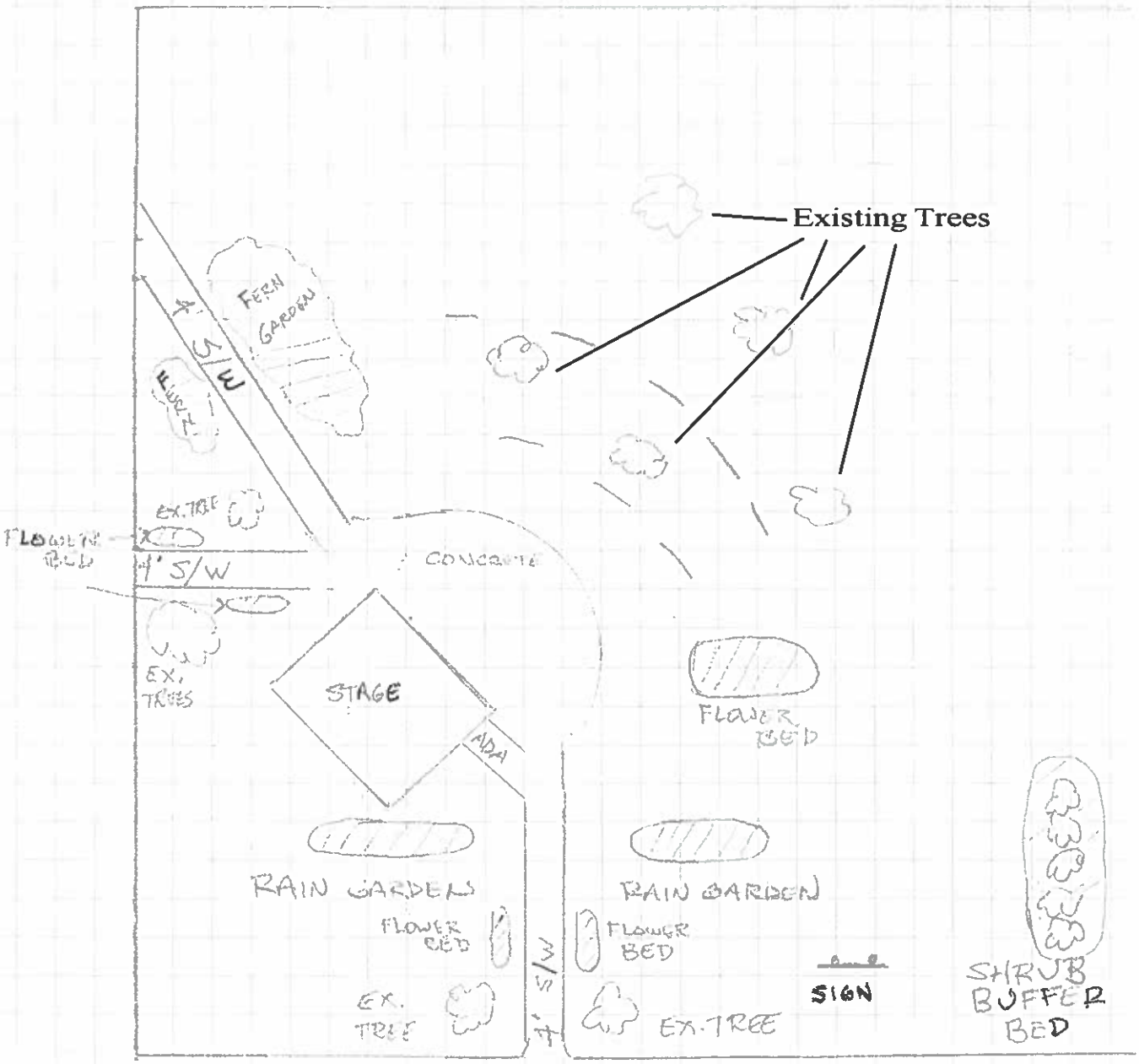
In order to meet the city's budget, County Welding, LLC proposes a concrete slab raised 4"-8" taking advantage of the sites natural slope and keep costs within your budget. We have also kept the earthwork disturbance under 5000 sf, to avoid DPIE involvement.

We have included three concrete walkways for one ADA access, rain garden for storm water management, benches, gardening beds, signature pad and landscaping with all existing trees to remain.

Scope of Work

The Contractor shall perform the following services in accordance with the terms of this agreement:

- Install Stone Construction Entrance (SCE).
- Import and place 60 cubic yards of fill material in 8-inch compacted lifts.
- Excavate and install 60 linear feet of 1.5-inch PVC conduit for electrical routing.
- Cut, grade, and prepare sidewalks (95 square yards).
- Excavate and form a 30' x 20' turndown slab for the stage.
- Excavate rain gardens and bench footings.
- Provide and install a stone base for slab and stage area.
- Furnish and install 3,500 psi concrete for slab, sidewalks, stage area, and bench footings.
- Install eight (8) 6-foot benches.
- Construct ten (10) mulched beds with ferns, shrubs, small trees, and shade-tolerant perennials.
- Supply and install media for rain gardens.
- Furnish and install signage.
- Fine grade and stabilize disturbed area with seed and straw


Existing Trees
FERN GARDEN
4' S/W
FLOWER BED
EX. TREE
FLOWER BED
4' S/W
CONCRETE
EX. TREES
STAGE
ADA
FLOWER BED
RAIN GARDEN
RAIN GARDEN
FLOWER BED
FLOWER BED
EX. TREE
EX. TREE
SIGN
SHRUB BUFFER BED
RIVERDALE RD.

NTS

WELDING

PROPOSED PRICE

RFP# NC-2025-10 Mahoney Woods Amphitheater Proposal

Stage Area	$65,928.00
Miscellaneous	19,800.00
Accessibility	$54,183.00
Access	$89,310.00
COST NOT TO EXCEEED	$229,221.00

COMPARABLE PROJECTS

Shifflett Properties Accounting Office
Design build project with a modular 12' x 22' office space with associated earthwork, exterior improvements, concrete walkways and electrical.

Completed: 2024 Cost: $175,000.00

Reference: Susan Shifflett
Shifflett Properties
410-610-1846
Sshifflett_20678@yahoo.com

Fairfax County Park Pavillion
Design build project with a 20' x 30' covered pavilion with associated earthwork, exterior improvements, concrete walkways and electrical.

Completed 2024 Cost: $220,000.00

Reference: Jay Irwin
Irwin Design
301-252-7313
jay@irwdesign.com

REFERENCES

Susan Shifflett
Shifflett Properties
410-610-1846
Sshifflett_20678@yahoo.com

Jay Irwin
Irwin Design
301-252-7313
jay@irwdesign.com

Don Malnati
Renovations Unlimited
202-415-2577
donmalnati@mmgdevelopment.com

DRUG FREE WORKPLACE CERTIFICATION

1. The City has published a statement to its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the City's workplace. The City has also communicated to its employees the actions that will be taken against employees for violation of this policy.

2. Further, the City also informs employees of the dangers of drug abuse in the workplace; the City's policy of maintaining a drug free workplace; drug counseling, rehabilitation and employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

3. The Contractor is required to give any employee engaged in the performance of this contract a copy of the statement that "the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the City's workplace".

4. It is further required of the Contractor that all employees working under this Contract, as a condition of employment under this Contract be advised, in writing, that they:

a. must abide by the terms of this statement; and

b. must notify their employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

5. The Contractor must notify the City in writing, within ten calendar days after receiving notice under subparagraph 4 (b) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer or other designee on whose grant activity the convicted employee was working, unless the federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant.

6. Contractor must take one of the following actions, within 30 calendar days of receiving notice under subparagraph 4 (b), with respect to any employee who is convicted of a criminal drug statute:

a. Taking appropriate personnel action against such employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or

b. Requiring such employees to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency.

7. Contractor must make a good faith effort to continue to maintain a drug-free workplace through the implementation of paragraphs 1, 2, 3, 4, 5 and 6.

Bidder: **County Welding, LLC**

(Print Name of Firm)

Address: City/State/Zip: **15873 Commerce Court, Upper Marlboro, MD 20774**

By: Trevor Ramoutar

Signature of Person Authorized to Sign Bid

Trevor Ramoutar, President

Print Name and Title of Person Authorized to Sign Bid)

90 County

State of Maryland
License

16357880
16583902
15015943

25

COUNTY WELDING LLC
COUNTY WELDING
15873 COMMERCE COURT
UPPER MARLBORO MD 20774

COUNTY WELDING LLC
COUNTY WELDING
15873 COMMERCE COURT
UPPER MARLBORO MD 20774

CODE	UNIT	TYPE OF LICENSE	NO OF LIC	COST
77	015	CONSTRUCTION FIRM (NOT FOR HOME IMPROVEMENT)	1	15.00

DATE OF ISSUE
MO DAY YR
04/22/2025

MONTHS PAID
12

ISSUING FEES	2.00		
TOTAL	17.00		AMOUNT PAID 17.00

THIS LICENSE MUST BE PUBLICLY DISPLAYED
AND EXPIRES ON **APRIL 30, 2026**

ISSUED BY
MAHASIN EL AMIN, CLERK OF CIRCUIT COURT
14735 MAIN STREET
UPPER MARLBORO, MARYLAND 20772-9987 (301)952-3331
CRS

The information below is for the Clerk's Office use only, customers can disregard.
These barcodes are for use with the new Cashiering System. When your site is upgraded, you will be given instructions for their use.

These barcodes must be scanned in order for RCS:

Scan this one first

Scan this one second

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 4/17/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Munro Insurance Services LLC	
Munro Insurance Services LLC 1155 Sportfisher Dr. Suite 140 Oceanside CA 92054	PHONE (A/C, No, Ext): 760-621-3844	FAX (A/C, No):
	E-MAIL ADDRESS: certs@munroinsuranceservices.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Sutton Specialty Insurance Company	16848
INSURED County Welding LLC 15873 Commerce Court Upper Marlboro MD 20774	INSURER B :	
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:	Y	Y	ISCP04000047909	3/13/2025	3/13/2026	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 50,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS [ ] HIRED AUTOS [ ] NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident)	$
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
A	[ ] UMBRELLA LIAB [X] OCCUR [X] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			ISCCX03000007262	4/16/2025	3/13/2026	EACH OCCURRENCE	$ 1,000,000
							AGGREGATE	$ 1,000,000
								$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N [ ] N / A If yes, describe under DESCRIPTION OF OPERATIONS below						[ ] PER STATUTE [ ] OTH-ER	
							E.L. EACH ACCIDENT	$
							E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Daniel Munro

COUNT-4 OP ID: KD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 04/18/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER 301-937-1500 Day, Deadrick & Marshall, Inc. P.O. Box 1840 Beltsville, MD 20704-1840 James Andrew Day, CIC	CONTACT NAME: Melissa H Albers, CBIA PHONE (A/C, No, Ext): 301-937-1500 FAX (A/C, No): 301-937-9120 E-MAIL ADDRESS: malbers@ddminsurance.com
INSURED County Welding, LLC Trinity Management, LLC 15873 Commerce Ct. Upper Marlboro, MD 20774	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A : Chesapeake Employers Insurance — 11039 INSURER B : Agency Insurance Company — 35173 INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	[ ] CLAIMS-MADE [ ] OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	[ ] POLICY [ ] PRO-JECT [ ] LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
B	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 500,000
	[ ] ANY AUTO			CA 0050535	07/15/2024	07/15/2025	BODILY INJURY (Per person)	$
	[X] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	[ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	[ ] UMBRELLA LIAB [ ] OCCUR						EACH OCCURRENCE	$
	[ ] EXCESS LIAB [ ] CLAIMS-MADE						AGGREGATE	$
	[ ] DED [ ] RETENTION $							$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						[X] PER STATUTE [ ] OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N [ ] N / A			CHESAPEAKE EMPLOYERS	11/15/2024	11/15/2025	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

MVA CLOSE OUT ROOM REPAIRS & ASSOCIATED SITE WORK - IFB NUMBER V-HQ-25058-C

CERTIFICATE HOLDER MARY-12

Maryland Motor Vehicle Administration
6601 Ritchie Hwy NE
Glen Burnie, MD 21062

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

STATE OF MARYLAND
Department of Assessments and Taxation

I, MICHAEL L. HIGGS OF THE STATE DEPARTMENT OF ASSESSMENTS AND TAXATION OF THE STATE OF MARYLAND, DO HEREBY CERTIFY THAT THE DEPARTMENT, BY LAWS OF THE STATE, IS THE CUSTODIAN OF THE RECORDS OF THIS STATE RELATING TO LIMITED LIABILITY COMPANIES , OR THE RIGHTS OF LIMITED LIABILITY COMPANIES TO TRANSACT BUSINESS IN THIS STATE, AND THAT I AM THE PROPER OFFICER TO EXECUTE THIS CERTIFICATE.

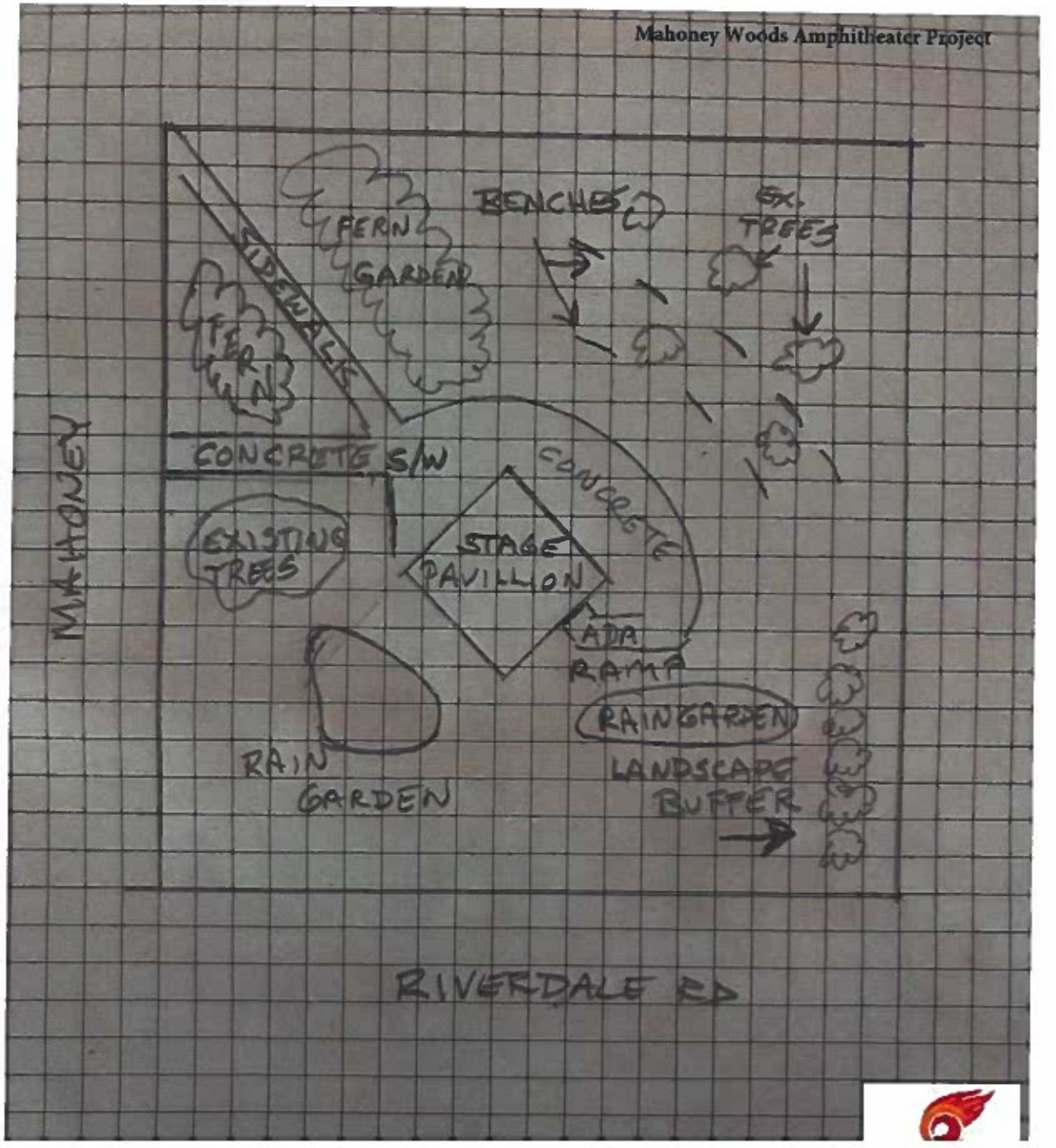
I FURTHER CERTIFY THAT COUNTY WELDING, LLC (W14704761) , REGISTERED JUNE 04, 2012, IS A LIMITED LIABILITY COMPANY EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF MARYLAND, AND THAT THE LIMITED LIABILITY COMPANY IS AT THE TIME OF THIS CERTIFICATE IN GOOD STANDING TO TRANSACT BUSINESS.

IN WITNESS WHEREOF, I HAVE HEREUNTO SUBSCRIBED MY SIGNATURE AND AFFIXED THE SEAL OF THE STATE DEPARTMENT OF ASSESSMENTS AND TAXATION OF MARYLAND AT BALTIMORE ON THIS MARCH 13, 2025.

Michael L. Higgs
Director

301 West Preston Street, Baltimore, Maryland 21201
Telephone Baltimore Metro (410) 767-1340 / Outside Baltimore Metro (888) 246-5941
MRS (Maryland Relay Service) (800) 735-2258 TT/Voice

Online Certificate Authentication Code: JLH38SU3uEuYJSFBITMdEw
To verify the Authentication Code, visit http://dat.maryland.gov/verify


BENCHES
EX. TREES
FERN GARDEN
SIDEWALK
FERN
CONCRETE S/W
CONCRETE
EXISTING TREES
STAGE PAVILLION
ADA RAMP
RAINGARDEN
LANDSCAPE BUFFER
RAIN GARDEN
MAHONEY
RIVERDALE RD

Mahoney Woods-3D Rendering


Mahoney Park


Mahoney Park

MEMORANDUM

Date: July 7, 2025 meeting

To: Mayor Nembhard and City Council

From: Maisha Williams, City Administrative Officer

Subject: Poured-in-Place (PIP) Safety Surfacing Overview and Proposals

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Poured-in-Place (PIP) safety surfacing is a durable and seamless flooring solution commonly used in playgrounds and recreational areas. This system involves mixing rubber granules with a binder on-site and applying the material directly to the designated area, resulting in a cushioned, continuous surface. PIP surfacing is widely recognized for its safety benefits, ADA accessibility compliance, and minimal maintenance requirements.

Below are three vendor proposals for the installation of PIP safety surfacing at Oak Lane Park and West Field Parks. The projects are eligible for funding through reimbursable state grants.

West Field Park and Fitness Stations

Grant Funding:

A $150,000 reimbursable award has been allocated through the *State Revitalization Programs Grant* to support site development. This includes the installation of PIP surfacing at West Field, along with five outdoor fitness stations.

Vendor Proposals:

- East Coast Surfacing: $105,834.50
- Metro Recreation, Inc.: $158,179.00
- Pro Playground: $130,299.00

Oak Lane Park

Grant Funding:

A $200,000 reimbursable award has been provided by the *Maryland Department of Natural Resources Grant* for site development, including the installation of PIP safety surfacing and new playground equipment at Oak Lane Park.

Vendor Proposals:

- East Coast Surfacing: $38,587.00
- Metro Recreation, Inc.: $42,250.00
- Pro Playground: $49,499.00

These proposals represent reputable vendors with experience in PIP installations. The final vendor selection will align with the project scope, cost efficiency, and compliance with grant requirements.

	Oak Lane Park Expenses
Grant Award:	$200,000.00
Expenses:	
Equipment	$68,947.00
Freight	
Install	$36,680.00
PIP	$43,286.00
Wood Boarders	$11,233.00
Crushed Stone	
Product by others	
Minus total expenses:	$160,146.20
Remaining balance:	$39,853.80

Oak Lane, West Field and The (5) Fitness Stations PIP Proposal

Company	Price	Scope of Work
East Coast Surfacing Rock Hall, MD 21661 Phone# 410-778-3420 Dawn Holden	**$144,421.50**	**<u>Oak Lane Park: $38,587.00 (1,642sqf)</u>** Poured-In-Place Safety Surfacing per square foot 4" Total Depth to include 1/2" EPDM (up to 9' fall height) 50% Standard Color & 50% Black Mix Regular Binder **<u>West Field Park: $34,944.50 (1,487sqf)</u>** Poured-In-Place Safety Surfacing per square foot 4" Total Depth to include 1/2" EPDM (up to 9' fall height) 50% Standard Color & 50% Black Mix Regular Binder **<u>(5)Fitness Stations: $70,890.00 (4,170sqf)</u>** Poured-In-Place Safety Surfacing per square foot 2" Total Depth to include 1/2" EPDM (up to 5' fall height) 50% Standard Color & 50% Black Mix Regular Binder ***Does not include any site work or prep, PIP surfacing has to be installed on at least 4" Compacted stone. Some type of edging is required for the surfacing, to be supplied and installed by others. Any Applicable Sales Taxes will be added on final invoice is sales tax exempt certificate is not received at order placement. This pricing is for all areas to be done at the same time.***
Metro Recreation Inc Jefferson, MD 21755 Phone# 240-409-2870	**$200,429.00**	**<u>Oak Lane Park: $42,250.00 (1,642sqf)</u>** **DEMO** Cut and dispose of existing rubber safety surfacing "edge" to create a seam for new poured-in-place rubber safety surfacing. **PJP** 3.5" of poured-in-place rubber safety surfacing (50% color and 50% standard color/black) for an 8' fall height. Price includes

		freight. **<u>West Field Park: $42,012.00 (1,487sqf)</u>** **BORDERS** 2 Tier 4" x 6" borders to surround each area 186 linear feet. **PIP** Pour-in-place (PIP) rubber surfacing, 3.5 inches thick, for an 8-foot fall height. **STONE** Installation of millings. Material to be provided and delivered to the site by the customer metro rec will install and compacted the material **<u>(5)Fitness Stations: $116,167.00(4,170sqf)</u>** **DEMO** Scrape the sites and remove existing borders to prepare for the stone base. Existing 14 year and older Fitness Units **BORDERS** 2 Tier, 4"x6" wood borders will surround each area. Total linear feet: 589. **PIP** Rubber Surfacing: All 5 areas, 8ft fall height, 50% Black/50% Standard Color. **STONE** Installation of millings. Material to be provided and delivered to the site by the customer metro rec will install and compacted the material
Pro Playground Tallahassee, FL 32311 Kevin Walther Account Executive (Ph) 1-800-573-7529 (122)	$230,097.00	**<u>Oak Lane Park: $49,499.00 (1,642sqf)</u>** Furnish Labor and Materials to: 1. Installation of 22 tons of aggregate sub base at a 4" depth. 2. Install 1,642 sq ft of poured in place rubber surfacing with SBR at a 3" thickness (8' fall

		height) with 1/2" TPV top layer at a 50% color and 50% black granule mix. NOTE: This does not include the removal of any existing surfacing materials prior to installation. ***Price for West Field and Fitness Stations: $130,299.00*** **West Field Park: (1,487sqf)** 1. Removal of existing wood mulch and borders and ground preparation 2. Installation of 77 tons of aggregate subbase at a compacted 4" depth. 3. Installation of 1,487 sq ft of pour in place rubber surfacing with a 3" SBR thickness (8ft fall height) and a 0.5" TPV thickness with 50/50 color granule and black granule mix under existing playground. **(5)Fitness Stations: (4,170sqf)** 1. Removal of existing surfacing and borders and ground preparation 2. Installation of 99 tons of aggregate subbase at a compacted 4" depth. 3. Installation of combined total of 4,170 sq ft of pour in place rubber surfacing for 5 areas with a 3" SBR thickness (8ft fall height) and a 0.5" TPV thickness with 50/50 color granule and black granule mix under existing fitness equipment.

Oak Lane Park Harland St. & Rycroft Ave.

West Field Park Carrollton Pkwy & Westbrook Dr.

(5)Fitness Stations Carrollton Pkwy & Westbrook Dr.

Metro Recreation Inc
4907 Camden Pl N
Jefferson, MD 21755-7312 USA
+12404092870
mike@metrorecreation.com
www.metrorecreation.com

Proposal

ADDRESS
CITY OF NEW CARROLLTON
6016 PRINCESS GARDEN PKWY
NEW CARROLTON, MD 20784

SHIP TO
OAK LANE PARK-SAFETY SURFACING
CITY OF NEW CARROLLTON
6016 PRINCESS GARDEN PKWY
NEW CARROLTON, MD 20784

PROPOSAL #	DATE
3338	06/04/2025

ACTIVITY	QTY	RATE	AMOUNT
Demo CUT AND DISPOSE OF EXISTING RUBBER SAFETY SURFACING "EDGE" TO CREATE A SEAM FOR NEW POURED IN PLACE RUBBER SAFETY SURFACING.	1	1,200.00	1,200.00
PIP 3.5" OF 50% COLOR AND 50% STANDARD COLOR AND BLACK POURED IN PLACE RUBBER SAFETY SURFACING FOR AN 8' FALL HEIGHT. PRICE INCLUDES FREIGHT	1,642	25.00	41,050.00
Note PRICE DOES NOT INCLUDE STONE BASE REQUIRED FOR POURED IN PLACE RUBBER SURFACING. STONE BASE NEEDS TO BE CR-6 OR EQUIVALENT, COMPACTION NEEDS TO BE AT 95% FOR THE SUB-BASE. SUB-BASE ERRORS MAY RESULT IN ADDITIONAL MOBILIZATIONS.	1	0.00	0.00

Thank you for your business! Attached is your invoice. We accept payment directly through the secure link. Please contact us if you have questions about your invoice.
Proposals are valid for thirty days.

SUBTOTAL	42,250.00
TAX	0.00
TOTAL	**$42,250.00**

Accepted By

Accepted Date

Metro Recreation Inc
4907 Camden Pl N
Jefferson, MD 21755-7312 USA
+12404092870
mike@metrorecreation.com
www.metrorecreation.com

Proposal

ADDRESS	SHIP TO
CITY OF NEW CARROLLTON 6016 PRINCESS GARDEN PKWY NEW CARROLTON, MD 20784	CITY OF NEW CARROLLTON WESTFIELD PARK ORIGINAL 5 FITNESS AREAS AND NEW 5-12 FITNESS AREA COMBINED

PROPOSAL #	DATE
3347	06/27/2025

ACTIVITY	QTY	RATE	AMOUNT
Demo REMOVE EXISTING BORDERS AND ALL EXISTING MULCH TO PREP FOR STONE BASE-COMPLETED BY THE CUSTOMER EXISTING 14 YR AND OLDER FITNESS UNITS	1	0.00	0.00
Borders 2 TIER 4"X 6" WOOD BORDERS TO SURROUND EACH AREA 589 LINEAR FEET	589	38.00	22,382.00
PIP POURED IN PLACE RUBBER SURFACING FOR ALL 5 AREAS. PRICING IS FOR AN 8' FALL HEIGHT COLOR TO BE 50% BLACK AND 50% STANDARD COLOR	4,170	22.00	91,740.00
Stone INSTALLATION OF MILLINGS. MATERIAL TO BE PROVIDED AND DELIVERED TO THE SITE BY THE CUSTOMER. METRO REC WILL INSTALL AND COMPACTED THE MATERIAL NEW 5-12 PLAYGROUND FITNESS AREA	1	2,045.00	2,045.00
Borders 2 TIER 4"X 6" WOOD BORDERS TO SURROUND EACH AREA 186 LINEAR FEET	186	38.00	7,068.00
PIP 3.5" OF POURED IN PLACE RUBBER SURFACING FOR AN 8' FALL HEIGHT.	1,487	22.00	32,714.00
Stone INSTALLATION OF MILLINGS. MATERIAL TO BE PROVIDED AND DELIVERED TO THE SITE BY THE CUSTOMER. METRO REC WILL INSTALL AND COMPACTED THE MATERIAL	1	2,230.00	2,230.00

Thank you for your business! Attached is your invoice. We accept payment directly through the secure link. Please contact us if you have questions about your invoice.
Proposals are valid for thirty days.

SUBTOTAL	158,179.00
TAX	0.00
TOTAL	**$158,179.00**

Accepted By

Accepted Date

EAST COAST SURFACING
Safe ground for your playground

PO Box 488
Rock Hall, MD 21661

Phone: 410-778-3360
Fax: 410-778-3420

QUOTE

Date	Quote #
06/25/25	AAAQ18770-02

Your Sales Representative
Dawn Holden

To:
City of New Carrollton
Quentin Dawson
, MD 20784

Phone: (301)459-6100
Fax:

Project Name	City	State
New Carrolton Parks	New Carrolton	MD

We are pleased to offer our quotation for the above referenced project, subject to the terms and conditions listed, below.

Ln #	Qty	Part #	Description	Unit Price	Ext. Price
1			**Oak Lane Park**		
2	1,642	PIP	Poured-In-Place Safety Surfacing per square foot 4" Total Depth to include 1/2" EPDM (up to 9' fall height) 50% Standard Color & 50% Black Mix Regular Binder	$23.50	$38,587.00
3			**West Field Park**		
4	1,487	PIP	Poured-In-Place Safety Surfacing per square foot 4" Total Depth to include 1/2" EPDM (up to 9' fall height) 50% Standard Color & 50% Black Mix Regular Binder	$23.50	$34,944.50
5			**Fitness Stations**		
6	4,170	PIP	Poured-In-Place Safety Surfacing per square foot 2" Total Depth to include 1/2" EPDM (up to 5' fall height) 50% Standard Color & 50% Black Mix Regular Binder	$17.00	$70,890.00
7			**Does not include any site work or prep, PIP surfacing has to be installed on at least 4" Compacted stone. Some type of edging is required for the surfacing, to be supplied and installed by others.**		

Ln #	Qty	Part #	Description	Unit Price	Ext. Price
			Any Applicable Sales Taxes will be added on final invoice is sales tax exempt certificate is not received at order placement.		
			This pricing is for all areas to be done at the same time.		

SubTotal	$144,421.50
Sales Tax	$0.00
Shipping	$0.00
Total	**$144,421.50**

Here is the quote you requested.

Prices subject to review of specifications, scaled drawings and/or site visit.

EXCLUSIONS: This proposal does not include union wages, sub-base work or prep,filter fabric,dumpster, porta potty, fencing or security at night or during the curing period.

STANDARD COLORS:
Terra Cotta, Green, Blue or Beige
(All other colors are slightly higher priced)

Shipping packages are usually heavy and awkward and require mechanical handling to accomplish truck unloading at destination. Truck unloading is not included

When you are ready to place this order, please sign below and mail your deposit check to:

East Coast Surfacing, Inc.
PO Box 488
Rock Hall, MD 21661

TERMS & CONDITIONS:
1. Quotes are based on standard colors, which include Black, Terracotta, Blue, Green and Beige.
2. Prices quoted are good for 30 days and subject to our confirmation thereafter.
3. Quote does not include, taxes, permits, state or local approvals, utility mark-outs, performance bond, engineering seals, testing, site preparation, borders, unloading, storage, security at night or during the curing period, temporary fencing or filter fabric..
4. Customer to verify quantities and/or square footage, if additional material is required, it will be invoiced at the per square foot charge noted above.
5. Geotextile fabric MUST be installed on stone sub-base applications (provide by others unless noted above).
6. Asphalt and concrete must cure for thirty (30) days prior to installation.
7. Quote does not include prevailing wages unless stated above, The customer is responsible for providing wage rates at the time of quotation if applicable.
8. East Coast Surfacing, Inc. reserves the right to utilize East Coast Surfacing crews or East Coast Surfacing Certified (sub-contracted) Installers.
9. Customer is responsible for providing dumpster at the site for East Coast Surfacing, Inc. trash & waste removal.
10. Customer is responsible for arranging and paying for the Field Test Requirements of ASTM F1292-09 (if required).
11. This quotation does not allow for a retainage and payment terms are as stated.
12. This quotation does not include Payment or Performance bonds.
13. All orders under $5,000.00 are to be paid in full to process order.
14. All orders over $5,000.00 require a 50% deposit.
15. Balance due upon completion or Net 30 (subject to credit approval).
16. Credit card payments will be charged a 3% processing fee.
17. This quotation is based on site access at ground level, if the site is not at ground level and materials and equipment can not be accessed to site by man power, contractor is reponsible for providing any equipment needed to get the materials and equipment to the site.
18. A minumum charge of $1500.00 will be billed for jobsites that are not ready when out crews arrive on sites.

NOTE: ALL COLORS WILL FADE. While a normal amount of color fading can be expected on all colors, especially in outdoor use, accelerated color changes can occur on "Special" colors, including but not limited to eggshell, purple, gray, green & blue. In addtion, all colors may "Amber". Ambering is a temporary discoloration of the rubber that may occur immediately after installation. It is caused by a chemical reaction that is created when the polyurethane binder comes in contact with the UV rays. The ambering is only on the top of the Color Layer and has no effect on the quality & integrity of your surface. It is most evident in warmer climate projects, but will fade with normal rainfall. This process can take weeks or even months.

NOTE: East Coast Surfacing, Inc.'s surface temperature will vary with the ambient temperature. Child care guidelines suggest that children should refrain from heat exposure. CPSC Guidelines suggest that a playground should be in a shaded location and that the customer is responsible for providing warnings that the equipment and surfacing exposed to intense sun can burn. East Coast Surfacing, Inc. assumes no liability to such exposure of surfacing temperature as this should be monitored prior to use of the surfacing. East Coat Surfacing, Inc. also assumes no liability to the expansion and contraction of the surfacing during freeze/thaw events.

Order Accepted By:

Company Name: _____

Accepted by (Signature): _____

Print Name and Title: _____

Date: _____

Must be signed by an officer of the company.

PRO PLAYGROUNDS
The Play & Recreation Experts

Pro Playgrounds
8490 Cabin Hill Road
Tallahassee, FL 32311

Quote

Date	Estimate #
6/23/2025	45429

Project Name
Oak Lane Park - PIP

IPEMA CERTIFIED to ASTM F1292 | IPEMA CERTIFIED to ASTM F2075 | IPEMA CERTIFIED to ASTM F1487

GUARANTEED BEST PRICE GUARANTEED

WE WILL BEAT ANY PRICE BY 5%!

Customer / Bill To	Ship To
City of New Carrollton Byron Gwinn Gavin St. New Carrollton, MD 20784	City of New Carrollton Byron Gwinn Gavin St. New Carrollton, MD 20784

Item	Description	Qty	Cost	Total:
	Furnish Labor and Materials to: 1. Installation of 22 tons of aggregate sub base at a 4" depth. 2. Install 1,642 sq ft of poured in place rubber surfacing with SBR at a 3" thickness (8' fall height) with 1/2" TPV top layer at a 50% color and 50% black granule mix. NOTE: This does not include the removal of any existing surfacing materials prior to installation.			
	SURFACING MATERIALS			
TPV-BT	Premium 1350 Black Granules T	35	37.00	1,295.00
TPV-CT24	Color TPV Granules T	35	127.00	4,445.00
SBRT	SBR Buffings T	222	38.00	8,436.00
ARODT	PremArc Aromatic T Binder Drum	5	1,768.90	8,844.50
AROPT	PremArc Aromatic Binder-T Pail	1	165.00	165.00
Shipping	Combined Shipping and Freight Charges	1	3,900.00	3,900.00
	MATERIALS & INSTALLATION			
AGG	Locally sourced crushed aggregate base materials (ABC Crush and Run Typical)	22	52.00	1,144.00
LBR	Labor and Installation	1	21,269.50	21,269.50

AGREED AND ACCEPTED:
If the above total price, scope of work, specifications, terms and conditions are acceptable, sign below indicating your acceptance and authorization for Pro Playgrounds to proceed with the work and/or sales transaction described in this quotation. Upon signature and payment in accordance with this quote, Pro Playgrounds will proceed with the work and/or sales transaction.

Signature _____ Name / Title _____ Date ___/___/___

Subtotal:	$49,499.00
Sales Tax: (7.5%)	$0.00
Total:	$49,499.00

Terms and Conditions - Price valid for 30 days and subject to change. 1. If installation is not included with your purchase, client will be responsible for coordinating, receiving and unloading of all goods, delivery drivers will not help unload goods. 2. Client will be responsible to inspect goods for defect, damage or missing parts, any deficiency or missing parts must be noted on delivery slip. 3. Client will be responsible for costs due to cancelled or missed delivery appointments. 4. Client has reviewed all items, colors and descriptions on this quote for accuracy and correctness. 5. If quote includes installation of goods, the installation is subject to the terms and conditions of Pro Playgrounds "Standard Installation Agreement" a copy of which may be obtained from your Sales Representative.

PRO PLAYGROUNDS
The Play & Recreation Experts

Pro Playgrounds
8490 Cabin Hill Road
Tallahassee, FL 32311

Quote

Date	Estimate #
6/16/2025	45056

Project Name
PIP West Field

IPEMA CERTIFIED to ASTM F1292 | IPEMA CERTIFIED to ASTM F2075 | IPEMA CERTIFIED to ASTM F1487

GUARANTEED BEST PRICE GUARANTEED

WE WILL BEAT ANY PRICE BY 5%!

Customer / Bill To	Ship To
City of New Carrollton Myron Gwinn 6318 Westbrook Dr. New Carrollton, MD 20784	

Item	Description	Qty	Cost	Total:
	Furnish labor and materials for the following Playground: 1. Removal of existing wood mulch and borders and ground preparation 2. Installation of 77 tons of aggregate subbase at a compacted 4" depth. 3. Installation of 1,487 sq ft of pour in place rubber surfacing with a 3" SBR thickness (8ft fall height) and a 0.5" TPV thickness with 50/50 color granule and black granule mix under existing playground. Fitness areas: 1. Removal of exising surfacing and borders and ground preparation 2. Installation of 99 tons of aggregate subbase at a compacted 4" depth. 3. Installation of combinded total of 4,170 sq ft of pour in place rubber surfacing for 5 areas with a 3" SBR thickness (8ft fall height) and a 0.5" TPV thickness with 50/50 color granule and black granule mix under existing fitness equipment. **SAFETY SURFACING** Playground Area			

AGREED AND ACCEPTED:
If the above total price, scope of work, specifications, terms and conditions are acceptable, sign below indicating your acceptance and authorization for Pro Playgrounds to proceed with the work and/or sales transaction described in this quotation. Upon signature and payment in accordance with this quote, Pro Playgrounds will proceed with the work and/or sales transaction.

_____ / /
Signature | Name / Title | Date

Subtotal:	
Sales Tax: (7.5%)	
Total:	

Terms and Conditions - Price valid for 30 days and subject to change. 1. If installation is not included with your purchase, client will be responsible for coordinating, receiving and unloading of all goods, delivery drivers will not help unload goods. 2. Client will be responsible to inspect goods for defect, damage or missing parts, any deficiency or missing parts must be noted on delivery slip. 3. Client will be responsible for costs due to cancelled or missed delivery appointments. 4. Client has reviewed all items, colors and descriptions on this quote for accuracy and correctness. 5. If quote includes installation of goods, the installation is subject to the terms and conditions of Pro Playgrounds "Standard Installation Agreement" a copy of which may be obtained from your Sales Representative.

PRO PLAYGROUNDS
The Play & Recreation Experts

Pro Playgrounds
8490 Cabin Hill Road
Tallahassee, FL 32311

Quote

Date	Estimate #
6/16/2025	45056

Project Name
PIP West Field

IPEMA CERTIFIED to ASTM F1292 | IPEMA CERTIFIED to ASTM F2075 | IPEMA CERTIFIED to ASTM F1487

GUARANTEED BEST PRICE GUARANTEED

WE WILL BEAT ANY PRICE BY 5%!

Customer / Bill To	Ship To
City of New Carrollton Myron Gwinn 6318 Westbrook Dr. New Carrollton, MD 20784	

Item	Description	Qty	Cost	Total:
TPV-B	Premium 1350 Black Granules	31	35.00	1,085.00
TPV-C	Color TPV Granules	31	119.00	3,689.00
SBR	SBR Buffings	201	35.00	7,035.00
ARO6080D	PremArc Aromatic Binder 60-80 Drum	4	1,461.00	5,844.00
ARO6080P	PremArc Aromatic Binder 60-80 Pail	6	147.00	882.00
	SAFETY SURFACING			
	Fitness Areas (5 total areas)			
TPV-B	Premium 1350 Black Granules	89	35.00	3,115.00
TPV-C	Color TPV Granules	89	119.00	10,591.00
SBR	SBR Buffings	565	35.00	19,775.00
ARO6080D	PremArc Aromatic Binder 60-80 Drum	13	1,461.00	18,993.00
Shipping	Combined Shipping and Freight Charges	1	4,703.60	4,703.60
	Sub Total			75,712.60
	LABOR, INSTALLATION, RAW MATERIALS, MISC			
LBR	Labor and Installation	1	37,299.12	37,299.12
LBR	Labor and Removal and Ground Preperation	1	9,367.28	9,367.28
AGG	Locally sourced crushed aggregate base materials (ABC Crush and Run Typical)	176	45.00	7,920.00

AGREED AND ACCEPTED:
If the above total price, scope of work, specifications, terms and conditions are acceptable, sign below indicating your acceptance and authorization for Pro Playgrounds to proceed with the work and/or sales transaction described in this quotation. Upon signature and payment in accordance with this quote, Pro Playgrounds will proceed with the work and/or sales transaction.

Signature _____ Name / Title _____ Date ___/___/___

Subtotal:	$130,299.00
Sales Tax: (7.5%)	$0.00
Total:	$130,299.00

Terms and Conditions - Price valid for 30 days and subject to change. 1. If installation is not included with your purchase, client will be responsible for coordinating, receiving and unloading of all goods, delivery drivers will not help unload goods. 2. Client will be responsible to inspect goods for defect, damage or missing parts, any deficiency or missing parts must be noted on delivery slip. 3. Client will be responsible for costs due to cancelled or missed delivery appointments. 4. Client has reviewed all items, colors and descriptions on this quote for accuracy and correctness. 5. If quote includes installation of goods, the installation is subject to the terms and conditions of Pro Playgrounds "Standard Installation Agreement" a copy of which may be obtained from your Sales Representative.

June 2, 2025

CPJ Associates
Saifuddin Ahmed, PE
Public Sector Division Manager
6305 Ivy Lane, Suite 710
Greenbelt, Maryland 20770

RE: Powhatan Street Bridge Rehabilitation

Dear Saifuddin Ahmed, PE:

Brudis & Associates, Inc. (BAI) is pleased to submit this scope and budget to provide construction management and inspection services under the Powhatan Contract with Prince George's County, Maryland; New Carrollton (20th) Election District. The budgeted term of work will be scheduled from NTP for a period of six (6) months; the cost & price breakdown are on the following pages. The staff for this project will be estimated as follows:

BAI	**Title/Classification**
• Project Manager	Daniel T. Lamb, PE, CCM
• Project Manager	James Good, PE, PMP, CQA
• Bridge Inspector	Henri Sanders, EIT (Team Leader)
• Bridge Inspector	Marc Sangebusch, EIT (Team Leader)
• Bridge Inspector	Rachael Temple, EIT
• Construction Inspector	Girum Gebregziabiher

We are pleased to attach the qualifications of two project managers, Daniel T Lamb & Mike Good. Both individuals hold professional engineering degrees, equipping them with a foundation and civil engineering and bridge inspection principles and practices. The project manager role will be held either in the field or in the office as the manager supervises the overall performance of the BAI team.

In addition, we would like to clarify the requirements for the bridge inspection team leaders as they pertain to our proposal. Typically, bridge inspections are conducted by teams of two (one team leader one inspector) for pre-inspection planning, inspection, and report preparation/QC; more details below. Also, within our proposal, we have included the cost of construction inspectors who will be on site every day, ensuring thorough reporting back to key stakeholders, and in accordance with FHWA guidelines, our approach only necessitates one designated team leader for each inspection. We are pleased to confirm that both Marc and Henri possess the requested qualifications to serve as team leaders for the inspection teams. (resumes attached) The team leaders will be called on to site at designated times due to their roles as they relate to only the pre inspection planning, inspection, and report preparation/QC.

Our Bridge Inspection team will perform a hands-on inspection (HOI) in accordance with FHWA and SHA requirements. If the bridge is already open to traffic, the bridge deck will be inspected from the bridge walkway or shoulder. All other elements will receive a HOI element level inspection. The report will be opened in SHA's Structure Asset Management (SAM) system (using Bentley's AssetWise) as soon after the inspection as possible, but in no case will it be more than 48 hours after the inspection has been started.

If the attached construction inspectors need to be replaced due to availability, a alternate resume with similar qualifications will be submitted for review and approval by project related stakeholders.

CPJ Associates
Saifuddin Ahmed, PE
Public Sector Division Manager
6305 Ivy Lane, Suite 710
Greenbelt, Maryland 20770

Our estimated budget for the proposed services is shown below. BAI estimates for this scope of services, man-hour estimate and cost & price summary. The total estimated budgeted amount for this work is in the amount of $258,630.00

BAI	Title/Classification	Estimated Hours	Rate per Hour	Estimated Cost
Daniel Lamb, PE, CCM	Project Manager	250 Hours	$175.00	$43,750.00
James Good, PE, PM, CQA	Project Manager	40 Hours	$180.00	$7,200.00
Henri Sanders, EIT	Team Leader / Bridge Inspector	80 Hours	$128.00	$10,240.00
Marc Sangebusch, EIT	Team Leader / Bridge Inspector	80 Hours	$128.00	$10,240.00
Rachel Temple, EIT	Bridge Inspector	1040 Hours	$90.00	$93,600.00
Girum Gebregziabhier	Construction Inspector	1040 Hours	$90.00	$93,600.00
			Total Estimated Cost:	**$258,630.00**

Our estimate is in accordance with the RFP # 2025-10 Powhatan Street Bridge Rehabilitation Contract_Baseline_PS1.1 (Schedule) - (Dated (Run Date) 30-May-25 12:21)

In addition, Brudis & Associates, Inc. (BAI) will not provide a final bridge certification; this service is provided by other(s), and final inspection by others. Also, we anticipate that this proposal will be valid for 30 days after date of submission.

If you have any questions or require additional information, please contact me at 667-290-4059. We look forward to providing ongoing support for the bridge inspection work on this project.

Very Truly Yours,
BRUDIS & ASSOCIATES, INC.

Daniel T. Lamb, PE, CCM
Director, Construction Management Services

Resumes Attached

cc: Brandon Freeman, CPJ
Haitham Hijazi, CPJ
Mike Good, BAI
Shayaq Amhed, BAI
Ray Daghar, BAI
File, BAI

DANIEL T. LAMB, PE, CCM
DIRECTOR

Daniel Lamb currently serves as Director of the Construction Management & Inspection Division at Brudis & Associates, Inc. His inspection experience include the inspection of mechanical systems, plumbing systems, electrical systems, structural steel members, building finishes, horizontal and vertical concrete system, and underground site utilities. Prior work experience included over 10 years of experience in new construction, rehabilitation/reconstruction of existing tenant interiors for retail, commercial, public and private clients, and claim analysis. He has served in a management role for directing and maintaining land development, building renovations (including tenant interiors and retail), new commercial construction, and construction management as Owners Representative. Additionally, he has a working knowledge of design/build operations, commercial construction operations, sustainable construction, estimating and purchasing, and concrete and asphalt paving. Relevant projects include:

BRUDIS & ASSOCIATES, INC.

PROJECT ASSIGNMENT:

Construction Management & Inspection

PROFESSIONAL REGISTRATION:

2022 / MD Registered Professional Engineer #59837

2024 / Certified Construction Manager (CCM) # 503725255

2015 / MD General Contractor's License #103935

State of Maryland – Department of State Police – Office of the Fire Marshal – Authorized Electrical Inspector – EI-1289

EDUCATION:

BS / 2004 / Civil Engineering

AS / 2002 / Civil Engineering

2011 / Certified Inspector of Sediment & Erosion Control #40588

2007 / OSHA 30-Hour Construction Outreach Training #600178365

2008 / OSHA 10-Hour Construction Outreach Training #001990950

CPR Certified #1761362

Public Notary

RELEVANT EXPERIENCE:

20+ Years of Experience

BAI EXPERIENCE

Glen Burnie Renovations Construction Engineering & Inspection, Maryland Vehicle Administration, Glen Burnie, Maryland. Project Manager for technical support to the inspector, quality control of documentation, and task administration. Provided full-time staff augmentation for construction inspection, project management, and administrative support for the renovations and upgrade of the MVA facilities. Inspected the work performed by assorted contractor trades onsite, maintaining daily progress field inspection reports with progress photos, and performing inspections necessary during construction to ensure work complies with the contract plans.

Maryland Aviation Administration Construction Management & Inspection Services, BWI Thurgood Marshall Airport. QA/QC Manager responsible for oversight of construction management and inspection (CMI) services for highways, facilities, environmental, utilities, and maintenance projects. CMI services included checking construction stakeout, calculating quantities, inspecting on-site materials, plant testing, materials sampling and testing, final measurements of completed work, quality assurance testing, approval of contractor quality control plan, and quality control plan compliance. Provided project and personnel oversight/staffing, as-built certification, client interface, billing, safety training, technical certification training/renewal guidance, construction claims and quality assurance. The project also included building permit reviews and inspections for electrical, mechanical, plumbing, civil and structural disciplines, and fire protection inspections and compliance.

Construction Management & Inspection, SHA Traffic Operation Division. QA/QC Manager for the oversight and staffing to provide professional construction management and inspection services of highways, bridges/structures, facilities, environment, utilities, system preservation projects, and maintenance projects. Services included constructability reviews, detailed inspection of all construction work, inspecting environmental measures and maintenance of traffic, scheduling and conducting progress meetings and other meetings, materials testing, monitoring project schedules and cash flow, and review/process of progress payments.

Statewide Construction Inspection of Traffic Control Devices, SHA. QA/QC Manager for oversight of construction inspection services that involved traffic signal installations, signing and lighting improvements, pedestrian signals, ADA compliance upgrades, ITS installations (DMS, CCTV and speed enforcement), ADA ramps, curb, gutter, roadway, intersection control beacon installations, overhead sign structures, electrical service equipment, inspection of foundations, structures, conduit, loop detectors, cables, luminaries, controllers and cabinets.

Harford County - Construction and Program Management Services. Construction Management Team Leader for multiple projects funded under Harford County Government. Responsibilities include RFP preparation, contract administration, design consultant management, and construction management and inspection services. The primary intent of this contract is to inspect the SWM facilities at local Harford County Projects such as bridge, culvert, road bank, stream bank and other highway related repairs. Typical assignments will require the preparation of daily reports, review of contract plans, specifications and bid documents,

preparation and report with recommendations. Other task assignments include: SWM retrofits, SWN inspections within current construction projects, calculating quantities, on site material inspecting, and final measurements of completed work.

Ft. Smallwood Park Ph II CMI, Anne Arundel County DPW. Construction Inspector for improvements including the restoration of a concession stand, and addition of new amenities: comfort station/concession stand and a maintenance building. Also inspected the work to construct new well and water treatment facilities, new BAT units and septic fields, and demolish the existing maintenance building and wastewater treatment facility. Performed a constructability review of the plans & specifications, reviewed the progress schedule, shop drawing submittals, and consulted with the County and designer concerning acceptability. Provided on-site materials inspections and observed the progress/quality of the work performed. Attended regular meetings with the Contractor, served as the County's liaison with the Contractor, and completed/maintained Inspectors Daily Reports (IDRs) and a project diary

Construction Management & Inspection Services – Glycol Dump Relocation, MAA. Construction Inspector provided CMI services for the Glycol Dum Relocation project located at BWI Airport. The project work included the construction of two glycol recovery vehicle dump pits, including cast-in-place concrete structures, submersible pumps and associated piping, miscellaneous mechanical equipment, associated electrical improvements, and a prefabricated control booth. Performed full-time, detailed inspection of all construction work to assure quality workmanship in conformance with contract requirements. Construction inspection will include but may not be limited to checking construction stakeout and grades, calculating quantities, inspecting on-site materials, sampling and materials testing, soil compaction tests, and final measurements of the completed work

Construction and Program Management Services, Charles County DPW. Construction Management Team Leader for multiple projects funded under Charles County Government's Enhanced Transportation Capital Improvement Program. Responsibilities include RFP preparation, contract administration, design consultant management, and construction manage it for major roadway and stormwater management retrofit projects. Task assignments include: SWM retrofits, SWN inspections within current construction projects, calculating quantities, on site material inspecting, and final measurements of completed work.

PRIOR BAI EXPERIENCE

Comprehensive Construction Management and Inspection Services, Baltimore/Washington International, Thurgood Marshall (BWI), and Martin State Airports, Maryland Aviation Administration. Construction Manager for oversight of the construction management and inspection services, constructability reviews, materials and quality assurance testing, project controls, project documentation, final inspections, start-up and commissioning, as-built documentation, project closeout support, and agency coordination. Reviewed contract documents and coordinated with the architect/engineer and provided feedback, completed shop drawing reviews, verified material quantities and their delivery, and provided QA/QC. Enforced safety practices for workman, materials, and equipment; and compliance with all federal, state and local laws, governing authorities, statutes, ordinances, rules and regulations, including OSHA and MAA equivalent standards, reported violations to hold the party accountable. Also responsible for review of progress payments as it related to the actual work, resolved disputes as necessary, reviewed and provided feedback for the ongoing project schedule, and ensured sufficient staffing on the job to avoid project delays. These services were provided for a variety of projects in the airport's capital improvement program under an on-call agreement.

Airfield Lighting Vault Relocation (ALV) at BWI Marshall MAA-CO-22-002

I worked on the airfield lighting vault relocation at BWI Airport, a significant project valued at $24 million with a duration of 580 calendar days. The scope of work included the installation of a 70' x 100' concrete and brick building, complemented by a 30-foot-wide hot mix asphalt apron made of bituminous asphalt on all four sides, along with vehicle service roads that connected the apron to existing service routes. Additionally, the project involved installing underground duct banks and conduits for incoming electrical power, fiber optics, communication, outgoing power for airfield circuits, and the icing facilities, complete with grounding and lightning protection. My responsibilities extended to reviewing contract documents and coordinating design elements with architects and engineers, ensuring effective communication with all involved parties. I meticulously assessed the scope of work, evaluated shop drawings and submittals, and ensured the accurate delivery of material quantities while upholding rigorous quality assurance and quality control standards. I enforced safety policies concerning workmen, materials, and equipment, and managed all changes within the contract documents, ensuring compliance with federal, state, and local regulations, including OSHA standards applicable to the airport. My proactive approach facilitated project awareness and resource allocation, allowing me to prevent any potential delays and maintain the project's momentum.

Corporate Hangar Stormwater System Improvements, Martin State Airport (MTN), Baltimore, Maryland.

During my tenure with the Maryland Aviation Administration as a Construction Manager/Inspector and Coordinator, total project value at $4,100,000.00 with a contract duration of 265 calendar days. I played a pivotal role in overseeing the construction management and inspection processes for this project. My responsibilities encompassed a thorough review of contract documents, coordination of design elements with architects and engineers, and effective communication with all involved parties. I meticulously assessed the scope of work, evaluated shop drawings and submittals, and ensured the accurate delivery of material quantities, all while upholding rigorous quality assurance and quality control standards. I enforced safety policies related to workmen, materials, and equipment, and managed changes to contract documents, ensuring compliance with federal, state, and local regulations, including OSHA standards. My proactive approach facilitated project awareness and resource allocation to prevent delays, while my inspections verified tradesmen's skills and adherence to safety and health requirements. Notably, I provided construction management and inspection services for a complex stormwater management system at Martin State Airport, navigating the challenges posed by existing infrastructure. This involved coordinating with local utility companies and managing design changes to maintain contract compliance while successfully implementing new stormwater pipes, waterlines, and oil-water separators. My commitment to professionalism and diligence was instrumental in delivering projects that met both regulatory standards and operational needs.

Remote Transmitter/Reciever (RTR) Relocation Infrasturure at Baltimore/Washington International Thurgood Marshall Airport (BWI) I served as a construction manager for the Maryland Aviation Administration on the Remote Transmitter and Receiving Tower (RTR) project at Baltimore/Washington International (BWI) Airport. This project, managed by the Federal Aviation Administration (FAA), involved the installation of a 21' x 30' concrete shelter building and a 37-foot high steel antenna tower, along with associated infrastructure. The tower's platform measured 16 feet wide by 20 feet long and included an underground duct bank for electrical power and fiber optics, as well as grounding and lightning protection systems. My role encompassed overseeing the construction and inspection processes, which included the installation of a new 50 kVA transformer, outdoor power distribution rack, and the excavation and placement of concrete footings for both the shelter and antenna tower. I also managed site grading, stormwater facilities, and the installation of a wind cone and foundation with segmented circle markers for aircraft guidance. Throughout the project, I meticulously reviewed contract documents, coordinated design elements, and ensured the accuracy of shop drawings and material deliveries. The total contract value was $5.5 million, with a construction timeline of 365 calendar days. My involvement was pivotal to the successful execution of this complex aviation infrastructure project.

Midfield Cargo – Vehicle Service Road (VSR)
I served as the construction manager for the Midfield Cargo Vehicle Service Road project adjacent to the Amazon sorting facility and airplane terminal. This project, valued at $3.1 million and scheduled for completion within 180 calendar days, involved providing comprehensive construction management and inspection services. My responsibilities included overseeing the entire construction process, coordinating closely with architects and engineers to ensure alignment with design specifications. I actively communicated with all parties involved, reviewing contract documents and the scope of work, as well as evaluating and providing feedback on shop drawing submittals. Throughout the project, I managed the ongoing schedule, resolved disputes as they arose, and reported any violations, holding all parties accountable while enforcing compliance with federal, state, and local regulations, including OSHA standards and Maryland Aviation Administration provisions. I worked diligently and professionally to maintain project awareness, ensuring an adequate workforce was present to prevent delays. My oversight included supervising various construction activities such as asphalt paving, demolition, base course installation, Portland cement concrete construction (P501), pavement marking installation, and the removal and relocation of waterlines and fire hydrants. Through effective communication and respect for tasks, I upheld the quality of the construction while prioritizing safety on site.

Midfield Cargo – Airline Maintenance Facility and Taxiway F at Baltimore/Washington Internaitional Thurgood Marshall Airport (BWI): I was responsible for overseeing the construction management and inspection process for a $4 million project at the Maryland Aviation Administration at BWI Airport, which included Taxiway F and the Airline Maintenance Facility for Southwest Airlines. My role involved reviewing and managing contract documents, coordinating with design teams,

architects, and engineers, and effectively communicating with stakeholders to provide feedback throughout the project. I meticulously reviewed the scope of work and offered insights on all shop drawings and submittals. Additionally, I verified material quantities and deliveries while ensuring quality assurance and quality control, all while enforcing stringent safety practices for personnel, materials, and equipment. My responsibilities extended to supervising the clearing and grubbing of approximately 1,700,000 cubic yards of excavated and stockpiled material, as well as overseeing the placement of topsoil, landscaping, and the construction of security fences and gates. I managed site preparation and the renewal of various asphalt and concrete pavements on existing taxiways, alongside the rehabilitation of storm drain systems, potable water services, sanitary sewers, electrical services, and communication systems. Furthermore, I oversaw the relocation of the Federal Aviation Authority's concrete duct, as well as airfield electrical lighting and fiber optic services, ensuring all aspects of the project were executed to the highest standards.

Prior BAI and MBI Projects:

A Plus Carpet and Flooring, Tenant Interiors, Columbia, Maryland. $259,000, 11,000 SF (Design Build)

Arumdaun Senior Daycare, Tenant Interiors, Columbia, Maryland. $475,000, 10,000 SF (Design Build)

Snowden River South - 3 Base Buildings, New Buildings, Columbia, Maryland. $6,900,000, 60,000 SF (Design Build)

Soldier Fit - Fitness Center, Tenant Interiors, Columbia, Maryland. $150,000, 10,000 SF

Cross Fit Columbia Cove – Fitness, Tenant Interiors, Columbia, Maryland. $175,000, 10,000 SF

Benchmark Motors – Automotive, Tenant Interiors, Columbia, Maryland. $350,000, 9,000 SF (Design Build)

Stone Wood - Parking Lot, Design/Build - Exterior, Columbia, Maryland. $250,000, 10,000 SF

Fort McHenry National Monument, Design/Build, New Building, Baltimore, Maryland. $7,100,000, 18,000 SF

H. Carl Moultrie Courthouse, Renovation, Washington, D.C. $2,300,000, 11,000 SF

Washington Sports Club – Kalorama, Tenant Interiors, Washington, D.C. $3,200,000, 33,000 SF

Addison Elementary School, Restoration & Renovation, Washington, D.C. $5,200,000, 16,750 SF

Building # 200 Washington Navy Yard, Office Suites, Washington DC $10,250,000, 50,000 SF (Design Build)

Restore and Modernize Hubbard, Design/Build Restoration & U.S. Naval Academy, Annapolis Hall Renovation, Maryland. $13,500,000, 35,000 SF (Design Build)

Hotel Motel Monaco, Restoration & Renovation, Alexandria, Virginia. $26,000,000, 198,299 SF

New Shiloh Village Senior Living, New Building, Baltimore, Maryland. $7,100,000, 80,280 SF

Cove Point Apartments – Senior Living, New Building, Dundalk, Maryland. $6,700,000, 98,000 SF

Cove Point Apartments II – Senior Living, Phase 2, Second Building, New Building, Dundalk, Maryland. $3,100,000, 50,000 SF

Previous Work History

The Sanford Companies, Private Development Company, Commercial Construction Manager. Developed land in Howard County, Anne Arundel County, Baltimore County, and Washington D.C. Directed the commercial construction department, establishing relationships with county personnel. January 2, 2014 - March 23, 2015

Thomas Archer Construction, Construction Manager. Served as a management source for directing and maintaining design/build operations, commercial construction operations, sustainable construction, estimating and purchasing, and concrete and asphalt paving. June 2010 - December 2013

Forrester Construction Company, Construction Manager. Serve as a management source for maintaining construction activities on commercial job sites. May 2007 - June 2010

The Whiting-Turner Contracting Company, Project Engineer/Project Manager. Serve as the primary management source for directing job site responsibilities at both commercial and residential construction sites. December 2004 - May 2007

Resume Updated: 7/12/2024
Date of Hire: 7/2024

BAI Experience: <1 year
Prior Experience: 20 years

Community Activities

- Cold Weather Shelter
- Volunteer for Christ Memorial Presbyterian Church (CMPC)
- Serve as a Property Committee Member for Christ memorial Presbyterian Church (CMPC)
- Serve as a kitchen Staff Leader and Volunteer at Christ memorial Presbyterian Church (CMPC)
- Serve as a Helper for Summer Vacation Bible School Camp at Christ Memorial Presbyterian Church (CMPC)

Continuing Education/Training

- Certified Construction Manager (CCM)
- Active Shooter Awareness in public locations
- SIDA – Safe Driving on Taxiways
- BWI/MTN – Airfield Safety Training
- AED Safety Training

Honors and Awards

- Maryland Member of Phi Sigma Theta National Honor Society.
- Member of the Montgomery College Engineering Club, team leader.

Presentations

- Maryland Aviation Administration Weekly Construction Progress Brief
- Maryland Aviation Administration Schedule Review Presentation
- Progress Meetings as it relates to project status at the Maryland Aviation Administration

Continuing Education/Training

- Cold Stress in the Workplace, 3/1/2023
- Confined Space Awareness, 3/8/2023
- Construction Safety, 2/28/2023
- Distracted Driver, 3/2/2023
- Driver Safety, 3/2/2023
- Electrical Safety for Construction, 3/4/2023
- Excavation and Trenching, 3/3/2023
- Fall Protection, 3/7/2023
- Fire Safety, 3/2/2023
- Globally Harmonized System, 3/2/2023
- Health and Safety Orientation, 3/8/2023
- Hearing Conservation, 3/4/2023

- Heat Stress in the Workplace, 3/1/2023
- Ladder Safety, 3/4/2023
- Lockout/Tagout for Construction, 3/9/2023
- Mobile Elevated Work Platform Safety, 4/1/2023
- Night Classes for the Fundamental of Engineering License
- Traffic Control Manager with the State Highway Administration
- Personal Protective Equipment, 2/28/2023
- Portable Fire Extinguishers, 3/2/2023
- Respiratory Protection, 3/8/2023
- Silica Awareness for Construction, 3/8/2023
- Slips, Trips and Falls in the Construction Industry, 2/28/2023
- Stop, Look, Assess, and Manage (SLAM) the Field Training, 2/28/2023
- Stop, Look, Assess, and Manage (SLAM) the Office Training, 3/9/2023
- Vehicle Backing Safety, 6/12/2023

Computer Skills

- Accubid Estimating
- Adobe Acrobat Professional
- Adobe Premiere
- Bentley ProjectWise
- FastTrack Scheduler
- Microsoft Excel
- Microsoft Office Suite
- Microsoft Project
- Photo Editor
- Primavera Expedition
- Primavera Project Scheduling
- Prolog
- Timberline Estimating
- Primavera PM Tools suite and MS Access

J. MICHAEL GOOD, PE, PMP, CQA, CBSI
DIRECTOR, STRUCTURES & BRIDGE DEPARTMENT

Mr. Good is a Professional Engineer and Project Manager with over 30 years of extensive and diverse experience in project management and quality control; new and rehabilitative bridge design; and bridge inspection, including element level hands-on condition assessment in accordance with the National Bridge Inspection Standards (NBIS), Structure Inventory and Appraisal (SI&A) criteria, and Pontis. He is experienced in value engineering, repair and rehabilitation of vertical structures, and construction management. Responsibilities include transportation project development; project management, including schedule and budget oversight; quality assurance and quality control (QA/QC); structural design and bridge inspection oversight; design team development; subconsultant coordination; proposal development; invoicing; client interaction and support. Relevant projects include:

BRIDGE INSPECTION & LOAD RATING

VDOT, Safety Inspections of Highway Structures and Bridges in the NOVA District (#52257), Oversee and coordinate inspection of highway bridges in the Northern Virginia (NOVA) district. Work includes coordination of shoulder and lane closure permits, maintenance of traffic (MOT), access equipment; inspection team management; quality control review of reports prepared using VDOT's InspectX online reporting program. Coordinate work with prime consultant (Volkert). (3/25 – Present)

City of Frederick, MD: Minor Bridge Inspections, Coordinate inspection and load rating of 3 minor bridges and 5 miscellaneous structures within the City of Frederick, Maryland. One bridge structure has a concrete slab superstructure, while the other two have glue-laminated timber slab superstructures. Oversee the inspection activities and provide QC of reports and load rating calculations. (7/24 – 11/23)

Washington County, MD: 2024 Minor Bridge Inspections (PUR-1421), Coordinate inspection of 200 minor bridges and 5 miscellaneous structures throughout Washington County, including QA/QC of inspection reports and subconsultant oversight. Prepare Letters of concern and perform load ratings as needed based on inspection findings. Miscellaneous structures include a prefabricated pedestrian bridge, two bridges on airport runways/taxiways crossing local roads, and an historic masonry arch bridge. (4/24 – 11/23)

Bridge Condition Inspections for State, County and Local Bridges (BCS 2020-04D), MDOT/SHA, City of Baltimore, Garrett County, Worchester County, Maryland. Project Manager for coordination of inspection activities including routine biennial bridge safety inspections of bridges throughout the City of Baltimore, Garrett County, Worcester County. Work included NBIS hands-on inspection and documentation of bridge decks, superstructures, and substructures; railroad coordination; maintenance of traffic coordination; access equipment coordination; use of Underbridge Access Vehicles ("snoopers") and bucket trucks to reach structural

BRUDIS & ASSOCIATES, INC.

PROJECT ASSIGNMENT:
Structural Engineering

PROFESSIONAL REGISTRATION:

1998 / Maryland Registered Professional Engineer #23457

2003 / West Virginia Registered Professional Engineer #015770

2005 / Virginia Registered Professional Engineer #041537

2005 / D.C. Registered Professional Engineer #PE901595

2008 / Pennsylvania Registered Professional Engineer #PE076136

2008 / North Carolina Registered Professional Engineer #034589

2010 / Delaware Registered Professional Engineer #16839

2015 / Ohio Registered Professional Engineer #79894

2016 / New Jersey Registered Professional Engineer #24GE05266000

2019 / South Carolina Registered Professional Engineer #36929

2011 / Project Management Professional (PMP), #1416308

2022 / ASQ Certified Quality Auditor (CQA), #73118

EDUCATION & TRAINING:

BS / 1993 / Architectural, Civil Engineering

Inspection Training:

- NHI-130053: Bridge Inspection Refresher Training (5/23)
- NHI-130055: Safety Inspection of In-Service Bridges
- NHI-130078: Fracture Critical Inspection Training
- NHI-130087: Inspection and Maintenance of Ancillary Highway Structures
- NHI-130091: Underwater Bridge Inspection
- NHI-130110: Tunnel Safety Inspection
- PennDOT certified CBSI

members. Provided QC of field data and inspection reports generated using Bentley's AssetWise prior to submitting them for approval. (4/22 – 11/23)

Bridge Condition Inspections for State, County and Local Bridges (BCS 2020-04J), MDOT/SHA, Howard, Anne Arundel, and Washington Counties, Maryland. Project Manager for coordination of inspection activities including routine biennial bridge safety inspections of bridges throughout Howard, Anne Arundel & Washington Counties, Maryland. Work includes NBIS hands-on inspection and documentation of bridge decks, superstructures, and substructures. Provide QC of field data and inspection reports generated using Bentley's AssetWise prior to submitting them to the County for approval. Work also includes coordination of the inspection of a 28-span bridge in Anne Arundel County involving lane closures, coordination with USCG and underside inspection from bucket boat. (4/22 – 11/23)

Bridge Condition and Inspection (21-FQ19172-INFR-012), Washington Area Metropolitan Transportation Authority (WMATA). Project Manager / Inspection Team Leader for routine annual bridge safety inspections of workhorse, pedestrian and complex aerial structures in the WMATA electrified rail system, which consists of 162 bridges, 1,515 spans that total more than 27 miles in length. Aerial structures consist of direct fixation tracks on concrete decks over steel girders, fracture critical steel box girders, post-tensioned cast-in-place girders, precast concrete segmental girders and precast AASHTO box girders. Work includes NBIS hands-on inspection and documentation of bridge decks, superstructures, substructures and track works, and employs confined space operations, as well as dye penetrant testing, when needed. High Reach, Aspen Aerial and Catenary Maintenance vehicles are being employed to reach structural members. Provide QC of field data, defect tickets and inspection reports generated using Bentley's AssetWise prior to uploading them to SharePoint for final QC by Prime Consultant. Oversee and provide QC review of load rated structures, including concrete slab transfer structure, precast concrete tunnel bridge (elevated precast tunnel sections carrying trains in tunnel and vehicles on top), 3-span concrete slab bridge on pier columns Participate in weekly project coordination calls. (9/21 – 11/23)

County Bridge Inspection, Pennsylvania Department of Transportation (PennDOT) District 6-0, Bucks & Montgomery Counties, Pennsylvania (E05687). Project Manager / Inspection Team Leader responsible for the inspection of bridges and preparation of reports for county-owned bridges throughout Bucks and Montgomery Counties. Duties include project oversight, coordination of inspection activities and providing quality control review of field data and inspection reports. Review field data (field notes, digital photos, photo logs, locally-required field forms, etc.) and provide QC of inspection reports (narrative and iForms). (7/23 – 11/23)

County Bridge Inspection, Pennsylvania Department of Transportation (PennDOT) District 2-0, Mifflin County, Pennsylvania (E04933). Project Manager / Inspection Team Leader who oversaw the NBIS hands-on bridge inspection and reported preparation for county-owned bridges in Mifflin County, PA. Duties include project oversight, coordination of inspection activities and providing quality control review of field data and inspection reports. Review field data (field notes, digital photos, photo logs, locally-required field forms, etc.) and provide QC of inspection reports (narrative and iForms). Oversee and perform post-flood inspections, including reporting in PennDOT's BMS2. (4/21 – 11/23)

County Bridge Inspection, Pennsylvania Department of Transportation (PennDOT) District 6-0, Chester County, Pennsylvania (L00077). Project Manager / Inspection Team Leader responsible for the inspections of approximately 95 bridges and preparation of reports for county-owned bridges throughout Chester County. Duties include project oversight, coordination of inspection activities and providing quality control review of field

EDUCATION & TRAINING (cont):

Roadway Worker Protection Training:

- Amtrak
- WMATA
- CSX
- NS
- MTA Metro
- MTA Light Rail (Onsite Coordinator)

OSHA Training:

- 30-Hour Training for Construction
- 10 Hour Training for Construction (OEC-7056161)
- Confined Space Entry Training (CFR1910.146, Entrant, Attendant, Supervisor)
- Fall Protection Training

Other Training:

- MDOT MSHA Temporary Traffic Control Manager
- CPR
- First Aid

RELEVANT EXPERIENCE:

30 Years of Experience

data and inspection reports. Review field data (field notes, digital photos, photo logs, locally-required field forms, etc.) and provide QC of inspection reports (narrative and iForms). Oversee and perform post-flood inspections, including reporting in PennDOT's BMS2. (7/19 – 11/23)

NBIS Bridge Inspections, Pennsylvania Department of Transportation (PennDOT) Pennsylvania Statewide Local Bridges (E04359). Project Manager / Inspection Team Leader who performed routine, interim and special NBIS hands-on inspection of PennDOT's locally-owned structures, ranging from < 8' concrete box culverts, single- and multi-span bridges with multibeam steel girders, prestressed concrete box beams, closed spandrel concrete arches on rural local and State Park and Forest roads, to Harrisburg's historic State Street Bridge. Provide QC of field data and inspection reports prior to uploading them to BMS2. Inspection includes District 4-0 (Scranton and Wyoming County) and PA Department of Conservation and Natural Resources (DCNR). (7/19 – 6/21)

Aerial Structure Inspection (19-FQ15191-TRST-002), Washington Area Metropolitan Transportation Authority (WMATA). Project Manager / Team Leader who coordinated CCJM inspection activities. Performed routine annual bridge safety inspections of complex aerial structures in the WMATA electrified rail system, which consists of 162 bridges, 1,515 spans that total more than 27 miles in length. Aerial structures consist of direct fixation tracks on concrete decks over steel girders, fracture critical steel box girders, post-tensioned cast-in-place girders, precast concrete segmental girders and precast AASHTO box girders. Work included NBIS hands-on inspection and documentation of bridge decks, superstructures, substructures and track works for WMATA's priority structures, and employs confined space operations, as well as dye penetrant testing, when needed. High Reach, Aspen Aerial and Catenary Maintenance vehicles were employed to reach structural members. Provided QC of field data, inspection reports and defect tickets prior to uploading them to SharePoint. Participated in weekly project coordination calls. (6/19 – 4/21)

NBIS Local Inspections, Pennsylvania Department of Transportation (PennDOT) District 2-0, McKean County, Pennsylvania (E03342). Project Manager / Inspection Team Leader responsible for the annual and biennial inspections of approximately 130 structures ranging from culverts to multi-span bridges located on local roads throughout McKean County, PA. Duties included performing inspections to evaluate the conditions of the structures and to update the inspection reports including a bridge load capacity rating/re-rating and/or posting evaluation and recommendation as warranted. Organizedd field data (field notes, digital photos, photo logs, locally required field forms, etc.) and prepared inspection reports (narrative and iForms). (6/19 – 5/20)

Harrison Street Bridge Inspection & Load Rating, Evans City Borough. Project Manager who performed initial inspection of 16-foot-long bridge consisting of 44 adjacent prestressed concrete box beams on masonry and reinforced concrete abutments. Documented findings in field notes and with digital photos. Provided guidance and QC for preparation and load rating of structure. (3/19 – 9/19)

Culvert Inspection, City of Manassas Park, Virginia. Team Leader who conducted hands-on NBIS Inspection of and prepared Inspection Reports for three culverts in the City of Manassas, Park, Virginia. (5/18)

Deck Surveys, MDTA Contract AE-2793 Comprehensive Design Services, Baltimore, Maryland. Task Manager/Team Leader who coordinated and performed deck surveys for 8 bridges at the interchange between I-95, I-395 and MD 295 in Baltimore, MD. Included permitting and coordination of maintenance of traffic for partial and full ramp closures. Used chain drag and other sounding methods to identify areas of potential delamination between the structural deck and the concrete overlay. Coordinated locations for obtaining deck core samples with coring subconsultant, using GPR to identify subsurface rebar locations. Core samples were forwarded to laboratory for petrographic analysis and testing for ASR & DEF. Provided detailed reports to client describing our observations, analysis and interpretation of laboratory testing, and recommendations for repairs. (11/17 – 9/18)

Task 4: Inspection of the Bridges on Baltimore's Central Light Rail Line, MTA 1368-A, Baltimore, Maryland. Task Manager who prepared task proposal, schedule, and Quality Management Plan. Oversaw element level inspection of 28 bridges on MTA's Central Light Rail Line in Baltimore, Maryland, including JV Partner and subconsultants. Managed budget, schedule, subconsultants and subcontractors, including DBE requirements. Prepared contract supplements and coordinated subconsultant contract and insurance modifications, as needed. Task included element level inspection, fracture critical inspection, reporting using Bentley InspectTech's online reporting

program, schedule maintenance, and coordination with Amtrak and CSX for Right-of-Entry to inspect bridges crossing their properties. Performed QC reviews of reports, including QA of JV and subconsultant reports. (9/17 – 5/19)

Biennial Bridge Inspections, Hudson Bergen Light Rail Transit, Jersey City & Bayonne, New Jersey. Team Leader who inspected light rail bridges in Jersey City and Bayonne, New Jersey, consisting of straight, curved and splayed girder configurations crossing multiple streets and privately-owned commercial properties; coordinated maintenance of traffic operations and off-duty police presence; coordinated with private property owners for access. Identified crack in the web of a fracture critical member, notified client immediately, and obtained data necessary for effecting a repair. (1/14 – 5/14)

8920 Dogwood Road Culvert Inspection, Baltimore Gas & Electric (BGE) Company, Baltimore County, Maryland. Task Manager who prepared task proposal, led the inspection, and performed quality control check of the inspection report for a 3-cell reinforced concrete pipe culvert carrying a privately owned driveway over an unnamed branch of Brice Run, which BGE uses to access remote areas of their power and gas supply lines. (5/13)

Ritter Road Bridge Inspection, Baltimore Gas & Electric (BGE) Company, Baltimore County, Maryland. Task Manager who prepared task proposal and performed quality control check on report for the inspection of a rolled steel beam bridge carrying a privately owned driveway over Dogwood Run, which BGE uses to access remote areas of their power and gas supply lines. (5/13)

Connecticut River Mainline (CRML) Bridge Inspection, MassDOT Rail and Transit, West Central Massachusetts. Quality Control Manager who provided detailed quality control review of inspection reports for inspection of bridges on the CRML railroad line through west central Massachusetts. Also provided consultation on an as-needed basis for development of procedures for special inspections of bridge substructures and superstructures. (12/17 – 3/18)

Inspection Report Quality Assurance Review, MDTA Contract AE-2544 Comprehensive Design Services. Task Manager/Project Engineer who provided Quality Assurance review on behalf of MDTA for biennial bridge inspection reports, interim high mast light inspection reports, and interim sign structure inspection reports, on various facilities owned by the Maryland Transportation Authority. Reports were prepared by other consultants under the MDTA's On-Call Bridge Inspection contract, and QA review comments were submitted in ASIR (MDTA's Asset Management Database). (1/14 – 12/15)

Audit Inspection of Bridge B-X703001, MDTA Contract AE-2544 Comprehensive Design Services. Task Manager Coordinated the Audit Inspection of Bridge B-X703001, a 4-span steel multi-girder bridge on I-95 over Gunpowder Falls, including obtaining lane closure permits and securing bridge access equipment. Conducted onsite review of conditions observed by the inspection team; developed letters of concern with recommended repairs to address cracked welds not previously identified during biennial inspection; performed quality control review of findings and report, and ensured that reported findings were uploaded in ASIR (MDTA's Asset Management Database). (9/15 – 11/15)

Development of Underwater Inspection Methodology for the Potomac Piers on the Chesapeake Bay Bridge, MDTA Contract AE-2544 Comprehensive Design Services. Task Manager who provided management of budget and schedule for subconsultant during the development of underwater inspection techniques to provide accurate and repeatable reporting of defects on the Potomac Piers on both spans of the William Preston Lane Memorial Bridge on U.S. 50 over the Chesapeake Bay. Also managed the development of loading and application of defects for use in Finite Element Analysis of the Potomac Piers. (10/11 – 7/13)

NBIS Bridge Inspection, City of Baltimore 2009 Bridge Inspection Program (BC #1105), City of Baltimore, Maryland. Project Manager who prepared proposals and oversaw the NBIS inspection of 305 City-owned bridges throughout Baltimore and the surrounding area, including the underwater inspection of 28 bridges; inspection of 16 bridges over MTA's Light Rail, 20 bridges over Amtrak's Northeast Corridor, 48 bridges over CSX/NS freight lines; and three additional load rating and structural repair design tasks. Managed budgets, schedules, coordinated with DOT and railroad agencies, subconsultants and subcontractors, including ensuring DBE requirements were met. Prepared

contract supplements and coordinated subconsultant contract and insurance modifications, as needed. (10/09 – 6/13)

Task No. 1: NBIS Bridge Inspection. Coordinated and oversaw up to 3 teams performing NBIS hands-on inspection of 305 City-owned bridges within the City of Baltimore and in the surrounding areas. Performed detailed quality control reviews of the reports before submitting them to the City using Bentley's InspectTech (now Assetwise). (10/09 – 6/13)

Task No. 2: Pennington Avenue Emergency Bridge Repairs. The northbound side of the Pennington Avenue drawbridge was undergoing repairs, and the bascule spans were raised, while all traffic was diverted onto the southbound bridge. When a local traffic report indicated that a tanker truck had gone partially over the side of and impacted the upraised bascule span, I diverted one of my inspection teams immediately to that location and called the City (who was not even aware of the situation!) to begin coordination. Our team was the first onsite and performed a cursory inspection of the damage. Finding no significant damage to the upraised northbound span, operations to remove the truck began. However, while onsite, the team observed excessive corrosion in the metal grid deck near the shoulder of the southbound bascule span. Upon reaching the site, I coordinated with the bridge operator, and barrels were placed over the damaged area as a warning to drivers. Our team followed up with a detailed inspection of the southbound bascule spans, and found that the corrosion to the metal grid deck was much more extensive than previously thought, as well as finding failed welds between the stringers and girders, making the bridge unsafe for travel. We designed emergency repairs consisting of 1-inch thick steel plates with beveled edges and J-hooks to allow traffic to remain on the bridge until the permanent repairs already planned for the southbound bridge could be performed. Provided oversight, prepared and forwarded formal letter of concern for the City, prepared task order proposal for design of emergency repairs, developed conceptual design, performed quality control review of contract documents. (4/10 – 5/10)

Task No. 3: Load Rating of Bridge BC 5103. Managed the load rating of a 3-span steel multibeam bridge carrying seven lanes of traffic. Maintained budget, schedule, and client contact throughout process to inform them of any important developments. (11/10 – 5/11)

Task No. 4: Scour Plans of Action. Oversaw the development of Scour Plans of Action for 20 bridges, citywide, in order to comply with the State of Maryland's mandate regarding bridges with unknown foundations and scour critical bridges. (8/11 – 10/11)

Task No. 5: Transverse Joint Investigation of Bridge BC 3114. Oversaw the detailed investigation of the hinged joints in a 33-span continuous concrete slab bridge carrying six lanes of traffic for Interstate I-83. Joints consisting of dapped ends carried on slab ledges occur in cantilevered spans. Investigation included oversight of subconsultant, concrete coring to determine compressive strength and level of degradation. (1/12 – 6/13)

Task No. 6: Substructure Investigation of Bridge BC 5212. Oversaw the detailed investigation of the condition and structural analysis of the original substructure of this 7-span bridge, which has been rehabilitated multiple times since its construction in the 1920s. Work included oversight of subconsultant, coring of concrete to determine compressive strength and level of degradation, and determination of substructure capacity. (8/12 – 6/13)

Anne Arundel County DPW Open-End Agreement, Various Bridges. Project Manager / Team Leader Performed NBIS inspection of three pedestrian bridges: one prefabricated through-truss; one 2-span steel box girder; and one 25-span timber bridge consisting of a single span glulam structure on concrete piers and 24 approach spans on timber bents. Provided QA/QC of inspection reports. Assisted in the development of a bridge management and inspection program for more than 40 structures owned by the Anne Arundel County Department of Recreation and Parks. (9/09 - 9/10)

Supplemental Task, Downs Park Pedestrian Bridge Emergency Inspection & Load Rating - Project Manager / Team Leader Performed emergency NBIS inspection of single-span, through-girder timber bridge at John Downs Park in Pasadena, MD; oversaw preparation of inspection report and provided final review of report. Supervised

load rating of the structure and design of rehabilitation required to bring the bridge back to safe working live load. Provided final review of computations, construction, and as-built drawings, and supervised construction inspection. (5/10 - 11/10)

BRIDGE DESIGN / REPAIR / REHABILITATION

High Germany Road Bridge Substructure Analysis, Washington County, Maryland, Washington County Department of Public Works – When the recent biennial inspection of this 65-year old bridge identified holes through the deck and deterioration of the superstructure, it was recommended that the bridge either be replaced or have the superstructure replaced if the substructure was sufficient. The two-span bridge has a curved deck with skewed ends on a downslope supported on splayed prestressed concrete girders with a kinked alignment at the pier. The bridge was designed for H-15 loading using 3,000 psi concrete and 40 ksi reinforcing steel and has concrete abutments and a concrete hammerhead style pier on a solid pier wall. Work includes oversight and analysis guidance for superstructure layout to support modern loading, and analysis of pier wall to determine if it can support a new superstructure with current AASHTO loading applied to it. Providing QC of analysis and report. (2/25 – Present)

South Cannon Avenue Culvert Rehabilitation, Hagerstown, Maryland, City of Hagerstown Department of Public Works – Project involves analysis and repair of single-span concrete box culvert top slab due to deterioration from long-term corrosion caused by location and configuration of scuppers through the top slab. Project involves replacement of the top slab of the culvert. Work includes survey subconsultant coordination, oversight of analysis, QC of analysis, basis of design report, and contract documents. (2/25 – Present)

Dorsey Run Road Bridge Replacement, Howard County, Maryland, Howard County Department of Public Works – Project involves replacing existing single span bridge on a highly constrained site with a new bridge designed for improved hydraulic performance. Site constraints include at-grade railroad crossing within 100 feet of existing bridge abutment, surrounding floodplain at or near roadway elevation, numerous nearby driveways for commercial and industrial properties, easement for recently installed storm drain. Work includes providing oversight, design guidance and interdisciplinary coordination for design of new precast concrete slab superstructure on concrete abutments. (12/24 – Present)

River Crossing and Trail Development in the McKeldin Area of Patapsco Valley State Park, Baltimore and Carroll Counties Maryland, Maryland Department of General Services (DGS) – Providing general project management for design of a new 106' long, five-span concrete arch pedestrian bridge for supporting pedestrian/equestrian/bicycle/UTV (park maintenance vehicle) traffic. Bridge will have architectural stone finish (using form liners). Work includes general project management, interdisciplinary coordination, quality control review of contract documents, survey, geotechnical and environmental engineering subconsultant management and coordination, including MBE compliance. (11/23 – Present)

Sorenson Bridge Replacement, Maryland Department of General Services (DGS). Project Manager responsible for utilizing a prefabricated steel superstructure on a designed concrete substructure. The bridge was 12' in width and have vehicular railings. The bridge replacement included H&H and Scour analysis, geotechnical investigations, and utilize large concrete block construction for the abutment if feasible. The proposed structure was similar in hydraulic opening to the existing structure (e.g. hydraulicly in-kind) and will be designed for HL-93 design vehicle and all MD Legal Loads. (11/23 – Present)

Torrey C Brown 8 Bridge Rehabilitation, Maryland Department of General Services (DGS-17-007-IQC), Baltimore, Maryland. Project Manager for the repair design and cost estimate for the repair and rehabilitation of 8 bridges on the Torrey C Brown Trail in Maryland. The Torrey C Brown Trail built on the former NCR right-of-way, is one of the key multi-modal trail links in Maryland. Over the course of 19.7 miles, there are 37 major stream/road crossings, including the Big Gunpowder, and numerous tributaries. No significant critical maintenance has been done on these structures since rail service was discontinued. Reviewed the inspection reports produced for the project based on new BAI inspections in 2022 and based on these reports repair details were produced to maintain the safe usage of the eight (8) bridges (NR-28, NR-29, NR-30, NR-31, NR-32, NR-33, NR-34 & NR-35) scoped for

this project. Project included deck replacement, steel girder repairs, cleaning and painting the steel girders, safety features, and undermining / scour mitigation. (2022)

Torrey Brown Bridge Replacement Phase II, Maryland Department of General Services (DGS) – Project Manager. PLACEHOLDER. (11/23 – Present)

Patapsco River Bridge Replacement Phase II, Maryland Department of General Services (DGS). Project Manager for the design of a 130' new pedestrian/equestrian bridge that provides connectivity to a multi-use recreational trail. Evaluated structure alternatives and the selected design was a low water box culvert crossing. The multi-cell culvert crossing will have a 10' wide trail section with railing/curbs for pedestrians, equestrians, bicycles, and park maintenance vehicles. (11/23 – Present)

7 Tubs Recreational Area Culvert Rehabilitation, Pennsylvania Department of Conservation and Natural Resources (DCNR). Peer Reviewer who provided peer review and structural consultation for repairs to cast-in-place box culvert, including reinforcement of wingwalls and patching throughout the length of the structure. (1/23 – 11/23)

SR 372 Bridge Replacement, PennDOT District 6-0, Delaware County, Pennsylvania. QC Reviewer who provided QC of RFI response for electrical lighting support details and development of anti-climb shield attachments at stairways. (1/22 – 11/23)

Ebling Memorial Bridge Replacement, PennDOT District 6-0, Delaware County, Pennsylvania. Peer Reviewer who provided independent peer review of portions of bridge and retaining wall design. (12/21 – 11/23)

SR 452, Section 01B, Market Street Bridge, PennDOT District 6-0, Delaware County, Pennsylvania (060652-L). Senior Bridge Engineer who provided QC of RFI responses for electrical lighting support details and development of anti-climb shield attachments at stairways. (3/20 – 6/22)

Lehigh Gorge Substructure Rehabilitation, Pennsylvania Department of Conservation and Natural Resources (DCNR). Project Manager & Senior Structural Engineer Conduct field visit to verify design requirements and obtain data for contract document preparation; Provide oversight and quality control for contract document preparation. Project includes repair of stone masonry abutment stem walls, wing walls, and an 80'-long +/- retaining wall, as well as an assessment of the timber deck and railings to determine repair/replacement needs. (9/19 – 12/19)

PTC MP 250.09, EB-311 Bridge Replacement, Pennsylvania Turnpike Commission, Dauphin County, Pennsylvania (T00009). Senior Bridge Engineer who developed project schedule. Provided independent Peer Review of structural plans, specifications, estimate and calculations for PTC compliance. (9/19 – 5/23)

Ritter Road Bridge Repair, Baltimore Gas & Electric Company, Baltimore County, Maryland. Task Manager who prepared proposal and performed a detailed review of the Client's terms and conditions for inclusion in the contract for development of contract documents for the superstructure replacement and substructure repairs of the existing bridge carrying a privately-owned driveway over Dogwood Run, which BGE uses to access remote areas of their power and gas supply lines. Provided oversight for the design of repairs and preparation of contract documents consisting of drawings, specifications and an engineer's estimate. (2/19 – 5/19)

Sheraton Skywalk Inspection and Repair, Hackerman Holdings, LLC, City of Baltimore, Maryland. Task Manager who prepared proposal, monitored budget, and maintained task schedule. Conducted inspection of and provided quality control review of written inspection report for pedestrian bridge connecting the Sheraton – Inner Harbor to the Baltimore Convention Center. Documented as-built condition, including obtaining as-built dimensions. Oversaw preparation of design documents for short-term repair of deteriorated bridge deck, which was originally constructed using composite steel deck pans and welded wire fabric reinforcement. (6/18 – 8/18)

Port Covington Redevelopment, Sagamore Development Company, City of Baltimore, Maryland. Task Manager for a preliminary structural estimate and corresponding report for modifications to 3 existing bridges, removal of 2 existing bridges, and construction of 6 new bridges and 5 major MSE retaining walls (up to 1,460 feet long with average heights up to 21 feet) deemed necessary for improving traffic performance in and around the proposed Port Covington redevelopment. Traffic improvements included relocation of CSX railroad spurs and widening of

existing roadways. New bridges included a 414-foot mixed use (pedestrian and bicycle) bridge over the railroad, but under I-95; a 2,156-foot long bridge extending W. McComas Street over the Middle Branch of the Patapsco River; and a 245-foot long pedestrian underpass to connect the areas on each side of S. Hanover Street. The preliminary construction cost estimate was prepared using MD SHA's 2014 Highway Construction Cost Estimating Manual as a guide. (1/15 – 8/15)

Ritter Road Bridge Repair, Baltimore Gas & Electric Company, Baltimore County, Maryland. Task Manager who prepared task proposal; coordinated field and office work; conducted follow-up site visit to obtain detailed qualitative and quantitative information required for the design of repairs to the abutments and rolled steel beams of this bridge carrying a privately owned driveway over Dogwood Run, which BGE uses to access remote areas of their power and gas supply lines; Provided oversight for the design and preparation of structural repair documents consisting of drawings and specifications. (1/15 – 12/17)

Task 1: Replacement of Bridge Nos. BC 5103 and BC 5221, City of Baltimore Contract 1135, City of Baltimore, Maryland. Project Manager [SEE TASK 1 UNDER TASK ORDER CONTRACT IN PEER REVIEW SECTION OF RÉSUMÉ.]

Load Rating of Bridge BC 5103, City of Baltimore 2009 Bridge Inspection Program, City of Baltimore, Maryland. Project Manager who managed the load rating of a 3-span steel multibeam bridge carrying seven lanes of traffic. Maintained budget, schedule, and client contact throughout process to inform them of any important developments. (11/10 – 5/11)

Scour Plans of Action, City of Baltimore 2009 Bridge Inspection Program. Project Manager who oversaw the development of Scour Plans of Action for 20 bridges, citywide, in order to comply with the State of Maryland's mandate regarding bridges with unknown foundations and scour critical bridges. (8/11 – 10/11)

Transverse Joint Investigation of Bridge BC 3114, City of Baltimore 2009 Bridge Inspection Program, City of Baltimore, Maryland. Project Manager who oversaw the detailed investigation of the hinged joints in a 33-span continuous concrete slab interstate bridge carrying six lanes of traffic. Joints consisting of dapped ends carried on slab ledges occur in cantilevered spans. Investigation included oversight of subconsultant, concrete coring to determine compressive strength and level of degradation. (1/12 – 6/13)

Substructure Investigation of Bridge BC 5212, City of Baltimore 2009 Bridge Inspection Program, City of Baltimore, Maryland. Project Manager who oversaw the detailed investigation of the condition and structural analysis of the original substructure of this 7-span bridge, which has been rehabilitated multiple times since its construction in the 1920s. Work includes oversight of subconsultant, coring of concrete to determine compressive strength and level of degradation, and determination of substructure capacity. (8/12 – 6/13)

NCDOT Battleground Avenue End Bent Design, Charlotte, North Carolina. Task Manager who provided oversight for the design and contract document preparation for the end bent on Ramp B onto Battleground Avenue in Charlotte, North Carolina. (12/12 – 12/13)

NCDOT NC 12 over Pea Island Breach Wingwall Layout, Outer Banks, North Carolina. QA/QC Manager who provided QA/QC for the layout of precast concrete sheet pile wingwalls for a 2-mile long bridge on NC 12 over Pea Island Breach in North Carolina's Outer Banks. (8/12 – 10/12)

NCDOT Tobaccoville Road Detour Bridge Substructure, North Carolina. QA/QC Manager who provided QA/QC for the development of a temporary substructure for the detour bridge over Tobaccoville Road as part of the Maintenance of Traffic operations. (8/12 – 1/13)

NCDOT Package 9.H.2 Systems Preservation of 6 Bridges, North Carolina. QA/QC Manager who provided QA/QC for the development of design/build plans for the deck and/or superstructure replacement of 6 bridge decks in North Carolina, including repair and/or replacement of bearings. (2/12 – 12/12)

NCDOT Package 9.P.1 Systems Preservation of 11 Bridges, North Carolina. QA/QC Manager who provided QA/QC for the development of design/build plans for the superstructure and substructure repair of 11 bridges in North Carolina, including replacement of joints, repair of substructures, and repair and/or replacement of bearings. (12/11 – 1/12)

NCDOT Package 7.P.3 Systems Preservation of 6 Bridges, North Carolina. QA/QC Manager Provided QA/QC for the development of design/build plans for the overlay and repair of 6 bridge decks in North Carolina, including replacement of joints, repair of substructures, and repair and/or replacement of bearings. (10/11 – 12/11)

Structural Repair to Bridges along I-95, MDTA Contract AE-2544 Comprehensive Design Services, Baltimore and Harford Counties, Maryland. Inspection Team Leader / Project Engineer who performed visual inspections of 28 bridges in Baltimore County, 23 bridges in Harford County, and the approach spans of the Tydings Bridge, to verify quantities and develop remedial recommendations and contract documents for the repair of defects reported during the latest biennial inspections. (8/14 – 12/15)

Curtis Creek Bridge Repairs, MDTA Contract AE-2544 Comprehensive Design Services, Baltimore, Maryland. Task Manager/Project Engineer who oversaw the development of contract documents for the repair of deteriorated light pole brackets, cracked welds, and failed drainage system elements for the approach spans to the dual bridges on I-695 over Curtis Creek, in Baltimore, Maryland. Contract documents consisted of redline modifications to advertised painting plans, along with new detail sheets, as needed. Managed and participated in the detailed inspection of discrete areas to be repaired by one of the MBE subconsultants. Tracked budget and schedule to assure timely and efficient completion of the task. Coordinated task order preparation and submittal by subconsultant. (3/14- 3/15)

Grade Separation at Georgia Avenue (MD 97) and Randolph Road, SHA Open End Engineering Services, Montgomery, Maryland. QA/QC Manager who provided QA/QC for the development of design documents for a grade separation at a major intersection in Montgomery County, Maryland. Design consists of adjacent precast, prestressed, prismatic concrete beams supported on concrete abutments with spread footings. Structure is located in an intersection where both roads crest, and one is skewed to the other. In addition, a Metro Rail tunnel is located beneath the intersection. Project includes approximately 1,600 feet of wingwalls. (4/11 – 2/16)

Baltimore County Dogwood Road over Dogwood Run Replacement, SHA Open End Engineering Services, Baltimore County, Maryland. Project Engineer who provided CE/4(f) coordination between agencies for replacement of Bridge B 0072 which carries Dogwood Road over Dogwood Run in Baltimore County, MD. (11/08 – 12/10)

Hatem Memorial Bridge Foundation Repairs, MDTA Contract AE-2348 Architectural & Engineering Services, Maryland. Quality Assurance Manager who provided periodic reviews of computations, drawings and specifications for the concrete encasement and repair of the foundations of numerous in-water piers on the Hatem Memorial Bridge that carries U.S. 40 over the Susquehanna River. (5/10 – 5/13)

Chesapeake Bay Bridge Potomac Pier Study, MDTA Contract AE-2348 Architectural & Engineering Services, Maryland. Task Manager who provided project management oversight to gather and review available data on the Potomac-style piers used in the construction of both the eastbound and westbound spans of the William Preston Lane, Jr. Memorial Bridge carrying U.S. 50 over the Chesapeake Bay. Supervised a subconsultant who performed an underwater inspection of one pier; interviewed other bridge owners who have structures that used Potomac piers; and developed a methodology for future in-depth, non-destructive evaluation and detailed analysis of piers to provide the owner with recommendations for future action. (2/11 – 7/11)

Replacement of the Marriottsville Road Bridge over I-70 Phase II, Howard County Department of Public Works, Howard County, Maryland. Quality Assurance Manager who provided Quality Assurance reviews for computations, drawings and reports for preliminary alternatives analysis and Pre-Type, Size and Location study for the replacement of a two-span bridge over I-70. (2/10 – 12/10)

HENRI SANDERS, EIT
STRUCTURAL ENGINEER

Mr. Sanders is an Engineer in Training with a comprehensive background in transportation projects. Mr. Sanders has six years of experience in engineering including, structural design, plan preparation, cost estimate, computer aided drafting, and bridge inspection, including element level hands-on condition assessment in accordance with the National Bridge Inspection Standards (NBIS), Structure Inventory and Appraisal (SI&A) criteria, and Pontis.

Project Experience Includes:

CONSTRUCTION MANAGEMENT & INSPECTION & DESIGN

VDOT, Safety Inspections of Highway Structures and Bridges in the NOVA District (#52257), Lead, coordinate an inspection team for the inspection of highway bridges in the Northern Virginia (NOVA) district. Work includes coordination, scheduling, planning, preparation, and performance of field inspections of all assigned highway bridge structures; maintenance of traffic (MOT); shoulder and lane closure permits; review of quality control reports prepared by the inspectors using VDOT's InspectX online reporting program. Typical types of inspections include but are not limited to reinforced concrete deck, steel girders/beams, reinforced concrete abutments, expansion joints, compression joints, elastomeric bearings, fixed/moveable bearings, pier caps, diaphragms, curved girders, MSE walls, metal bridge railing, wingwalls, protected slopes, and protective coatings.

Cockeysville Fuel Station Canopy and Column Inspection & Emergency Repair. Team Leader for the inspection of the steel columns supporting the Cockeysville Fuel Station. At the base of one of the columns there was severe corrosion with areas of up to 100% section loss within the bottom 4". D-meter readings were taken along all faces of the column to determine where the corrosion extended to. An emergency repair was immediately recommended to the county. Aided in the design and drafting of the emergency repair, which included bolting channels to the column that were bearing on six (6) layers of timber cribbing. (2/4 – 2/16)

Maryland Motor Vehicle Administration (MVA) Screen Wall Replacement. Responsible for the inspection and replacement plans for a metal screen wall surrounding an HVAC system at the Maryland MVA building located in Glen Burnie, Maryland. Inspection included confirming as-built dimensions and noting any structural deficiencies to the steel posts. The existing steel posts were to remain, and the steel panels were replaced with new infill louvers. Replacement details included solving how to attach the new louvers to the existing panels, while maintaining the specifications provided by the client. (11/24 – 2/24)

Anne Arundel County AE Open End, Contract Nos. H478740 & 478742 – Design Engineer. Responsible for the repair plans and drawings for ten (10) bridges in Anne Arundel County. Repairs included cleaning & painting of the steel superstructures, joint repairs (including full backwall and armor replacements). Miscellaneous repairs were included in this contract which included concrete curb, sidewalk, and wearing surface repairs. (6/24 – 11/24)

MDOT SHA Routine Sign Structures Inspections, Contract No. BCS2021-10D – Inspection Team Leader. Responsible for the structural condition inspection of 35 overhead and cantilever sign structures in District 4. Inspection included hands-on assessment of foundation, anchor bolts, and base plates with visual inspections of the sign components from ground level. Responsibilities included coordination for permitting and MOT, scheduling with sub-consultants, and updating progress reports. Task included Beta testing ArcGIS and Survey123 field apps for SHA. (7/24 – 12/24)

BRUDIS & ASSOCIATES, INC.

PROJECT ASSIGNMENT:
Structural Engineer

PROFESSIONAL REGISTRATION:
N/A

EDUCATION & TRAINING:
BS / 2018 / Civil Engineering / Morgan State University

Inspection Training:
- NHI-130055: Safety Inspection of In-Service Bridges
- NHI-130053: Bridge Inspection Refresher Training
- NHI-130078: Fracture Critical Inspection Training
- NHI-130087: Inspection and Maintenance of Ancillary Highway Structures

Roadway Worker Protection Training:
- CSX
- MTA Light Rail (Onsite Coordinator)
- Amtrak

OSHA Training:
- Confined Space Entry Training (CFR1910.146, Entrant, Attendant, Supervisor)
- Fall Protection Training

Other Training:
- MDOT SHA Temporary Traffic Control Manager
- VDOT Intermediate Work Zone Certified
- CPR
- First Aid

RELEVANT EXPERIENCE:

Washington County 2024 Minor Bridge Inspections – Inspection Team Leader. Responsible for the structural condition inspection of over 50 Washington County minor bridges and culverts. Responsibilities included hands-on inspections, coordination of field work, and QC of reports. (3/24 – 8/24)

Torrey Brown Phase II Structural Design Services for DGS – Design Engineer. Design and plan set drafting for rehabilitation of eight (8) bridges along the TC Brown Trail located in Cockeysville, MD. Design included load ratings of six (6) bridges. One of the bridges needed a full replacement of floor beams and stringers while keeping the historic look of the through girders. Originated conceptual design for the bridge as well as carried out multiple detail design calculations. Furthermore, originated plan set drawings including GP&E, typical sections, framing plans (when needed), and sequences of construction. (11/23 – 4/24).

Baltimore City 2023/24 Cycle Minor Bridge Inspections – Inspection Team Leader. Responsible for the structural condition inspection of several Baltimore City short-span bridges and culverts. Responsibilities included hands-on inspections, coordination of field work, and QC of reports. (8/23 – 2/24)

Browne Academy NDT Testing and Truss Repair Plans – Inspection Team Leader. Responsible for performing NDT testing on the structural steel truss members which were buried under a layer of dirt. Once the dirt was removed areas of section loss were visibly seen. Testing was performed using an Ultrasonic Thickness Gauge to assess areas of section loss along steel HSS tube members. Repairs were complete and bridge was fully constructed in May, 2024 (2/24).

Hammond Middle School Walkway Slab – Design Engineer. Structural Engineer on the project to complete the structural assessment/condition report for a concrete walkway slab on the exterior of the school. Work included a hands-on inspection of the slab to aid in repair plans and cost estimating. Cores were obtained to assess the compressive strength of the concrete. An inspection report, drawings, and cost estimate were originated. (11/23 – 3/24).

Prince George's Stadium Press Box Window Structural Eval. and Design – Design Engineer. Structural Engineer on the project to complete a structural assessment/conditions report for the press box window within the Prince Goerge's Baseball Stadium. Structural analysis of the window frame using computer modeling programs (STAAD Pro). Repair plans and drawings based upon proposed window loading. Stadium dead loads as well as snow loads taken into account when analyzing the loading (8/23 – 10/23).

Frederick Douglas Rail Trail Bridge Inspection, Contract No. P-055-220-010 for the Maryland Department of General Services – Inspection Team Assistant. Responsible for assisting in the field investigation of two (2) short-span bridges. The purpose of this field investigation was to determine the extent and location of notable defects to aid in the development of future rehabilitation efforts. Responsibilities included inspections of the superstructures and substructures, coordination of field work, and writing the inspection reports, which included detailed drawings of defect type, size, and locations (3/22 – 4/22).

Maryland Statewide Bridge Inspection Program, Contract Nos. BCS 2014-01B, 2020-04D for the Maryland State Highway Administration – Inspection Team Assistant. Responsible for assisting in the structural condition inspection of several Baltimore City short-span and long-span bridges. Responsibilities included hands-on inspections, coordination of field work, and writing the inspection reports (1/22 – 9/22).

Maryland On-Site Condition Inspections, Contract No. AE 3073, for the Maryland Transportation Authority – Inspection Team Assistant. Responsible for assisting in the structural condition inspection of thirty-seven (37) noise walls along MD 200 (ICC). Responsibilities included hands-on inspections of the noise wall panels/posts and adjacent embankments, coordination of field work, and writing the inspection reports (1/22 – 11/22).

On-Call Inspection Services for the Maryland Transit Administration – On-Site Coordinator/Inspection Team Assistant. Responsible for the inspection of several MTA Light Rail bridges. Responsibilities include ensuring the safety of inspection teams while in the field, coordination with MTA, and writing the inspection reports (3/19 – 3/20).

MARC Station and Facilities Inspection – Inspection Team Assistant.
Structural Engineer for the condition inspection of several MARC station train platforms and facilities along the PENN-WASHINGTON line. Platform inspection included decking, piles and piers (when applicable), benches, light poles, awnings, and enclosed waiting areas. Facilities inspection included stairways, waiting areas, walls, and sidewalks. Report generation, cost estimation, and filed investigation analysis. Coordination with MTA and MARC. Design of the timber

beams and joists in accordance with the National Standards for Wood Construction for the proposed Laurel MARC Station platform replacement.

Bridge Condition Inspections for MDOT SHA – Inspection Team Assistant. Responsible for assisting in the structural condition inspection in Montgomery, Hartford, and Wicomico County of over sixty (60) short-span bridges and culverts. Inspections also included three (3) complex bridges (MD 28 over Monocacy River, MD 144 over Monocacy River, and MD 4 (Thomas Johnson)). Responsibilities included hands-on inspections, bucket truck and snooper operation, and writing the inspection reports (4/18 – 9/18).

Bridge Safety Inspection Contract for VDOT – Inspection Team Assistant. Responsible for assisting in the structural condition inspection of several short-span and long-span bridges and culverts. (9/18 – 12/18).

Stafford Road over Deer Creek Bridge (H-0024) Replacement for MDOT SHA – Design Engineer. Responsible for the design of structural elements including shear stud layout, bolted field splices, girder fatigue, stress reversal limits, and bearing stiffener designs. The bridge consisted of a large skew which presented several challenges for designing elements. Used Merlin-Dash and LEAP Bridge software to aid in design checks and calculations (2/20 – 6/20) (Bridge constructed in 2023).

Grist Mill Trail in Patapsco Park Pedestrian Bridge Replacement – Design Engineer. Structural Design Engineer responsible for the design of the "South" Pedestrian bridge along the Grist Mill Trail in Patapsco Park. Calculations include pre-stressed concrete slabs, elevations, and bearings. The purpose of this replacement was to ensure the new pedestrian bridges would be more than adequate to withstand a significant flood event as the previous bridge was washed away during a flood (1/20 – 2/22) (Bridge constructed in 2023).

Marc Sengebusch CBSI
Engineer, MD

Years with BAI: *1*

Education and Registrations

BS/2017/ Civil Engineering / Morgan State University

Engineer-In-Training MD #5274700

Inspection Training:

- NHI-130055: Safety Inspection of In-Service Bridges
- NHI-130078: Fracture Critical Inspection Training

Roadway Worker Protection Training:

- CSX
- MDOT TTCM
- VDOT IWZ

OSHA Training:

- 30-Hour Training for Construction
- Confined Space Entry Training (CFR1910.146, Entrant, Attendant, Supervisor)
- Fall Protection Training

Other Training:

- CPR/First Aide
- Certification MDE Erosion & Sediment Control (ES&C)
- Aspen Aerials A-62 – SERIAL # 10264
- Versa-Lift SST-37/40EIH – SERIAL # EH180077

Mr. Sengebusch is an Engineer-in-Training and Team Leader with experience in bridge inspection, including element level hands-on condition assessment in accordance with the National Bridge Inspection Standards (NBIS), design, contract drawing preparation for Civil Engineering projects. Projects include roadway rehabilitation/design, water and sewer rehabilitation and relocations, SWM surveys and condition assessments. Conversant in MicroStation, AutoCAD Civil 3D, and ArcGIS,

Duties include bridge inspection; subconsultant coordination; use of various systems for engineering design and development of construction drawings and other types of deliverables. Perform mathematical computations as needed. Prepare and review plans, specifications and estimates for engineering project

Project Experience Includes:

BRIDGE INSPECTION & LOAD RATING

VDOT, Safety Inspections of Highway Structures and Bridges in the NOVA District (#52257), Lead, coordinate an inspection team for the inspection of highway bridges in the Northern Virginia (NOVA) district. Work includes coordination, scheduling, planning, preparation, and performance of field inspections of all assigned highway bridge structures; maintenance of traffic (MOT); shoulder and lane closure permits; review of quality control reports prepared by the inspectors using VDOT's InspectX online reporting program. Typical types of inspections include but are not limited to reinforced concrete deck, steel girders/beams, reinforced concrete abutments, expansion joints, compression joints, elastomeric bearings, fixed/moveable bearings, pier caps, diaphragms, curved girders, MSE walls, metal bridge railing, wingwalls, protected slopes, and protective coatings.

Maryland Motor Vehicle Administration (MVA) Screen Wall Replacement. Responsible for the inspection and replacement plans for a metal screen wall surrounding an HVAC system at the Maryland MVA building located in Glen Burnie, Maryland. Inspection included confirming as-built dimensions and noting any structural deficiencies to the steel posts. The existing steel posts were to remain, and the steel panels were replaced with new infill louvers. Replacement details included solving how to attach the new louvers to the existing panels, while maintaining the specifications provided by the client. (11/24 – 2/24)

Anne Arundel County AE Open End, Contract Nos. H478740 & 478742 – Design Engineer. Assisted in drafting repair plans for ten (10) bridges in Anne Arundel County. Also performed site visits to evaluate the needs of assigned repairs. Repairs included cleaning & painting of the steel superstructures, concrete curb, sidewalk, and wearing surface repairs. (6/24 – 11/24)

MDOT SHA Routine Sign Structures Inspections, Contract No. BCS2021-10D – Inspection Team Leader. Responsible for the structural condition inspection of 35 overhead and cantilever sign structures in District 4. Inspection included hands-on assessment of foundation, anchor bolts, and base plates with visual inspections of the sign components from ground level. Responsibilities included coordination for permitting and MOT, scheduling with sub-consultants, and updating progress reports. Task included Beta testing ArcGIS and Survey123 field apps for SHA. (7/24 – 12/24)

City of Hagerstown Minor Bridge Inspections - Inspection Team Leader. Responsible for the structural condition inspections of all of the City of Hagerstown's minor bridges and culverts (18 structures in total). Responsibilities include hands-on inspections, coordination of field work, QC of reports, coordinating with subconsultants, and performing load rating on one of the structures that showed signs of advanced deterioration. (7/24 – 8/24)

Washington County 2024 Minor Bridge Inspections – Inspection Team Leader. Responsible for the structural condition inspections of all of Washington County's minor bridges and culverts (206 structures in total). Responsibilities include hands-on inspections, coordination of field work, QC of reports, coordinating with subconsultants, and organizing all inspections into a final summary document for the client. (3/24 – 12/24)

Baltimore City 2023/24 Cycle Minor Bridge Inspections – Inspection Team Leader. Responsible for the structural condition inspection of several Baltimore City short-span bridges and culverts. Responsibilities included hands-on inspections, coordination of field work, and QC of reports. (12/23 – 2/24)

Washington Area Metropolitan Transportation Authority (WMATA): Bridge Condition and Inspection (21-FQ19172-INFR-012) – Inspection Team Leader Coordinate CCJM inspection activities. Perform routine annual bridge safety inspections of workhorse, pedestrian and complex aerial structures in the WMATA electrified rail system, which consists of 162 bridges, 1,515 spans that total more than 27 miles in length. Aerial structures consist of direct fixation tracks on concrete decks over steel girders, fracture critical steel box girders, post-tensioned cast-in-place girders, precast concrete segmental girders and precast AASHTO box girders. Work includes NBIS hands-on inspection and documentation of bridge decks, superstructures, substructures and track works, and employs confined space operations, as well as dye penetrant testing, when needed. High Reach, Aspen Aerial and Catenary Maintenance vehicles are being employed to reach structural members. Provide QC of field data, defect tickets and inspection reports generated using Bentley's AssetWise prior to uploading them to SharePoint for final QC by Prime Consultant. Participate in weekly project coordination calls.

Maryland Department of Transportation State Highway Administration (MDOT SHA): Bridge Condition Inspections for State, County and Local Bridges (BCS 2020-04J) – Inspection Team Leader Coordinate CCJM inspection activities. Perform routine biennial bridge safety inspections of bridges throughout Howard County, Maryland. Work includes NBIS hands-on inspection and documentation of bridge decks, superstructures, and substructures. Organize field date and generate reports using Bentley's AssetWise.

Maryland Department of Transportation State Highway Administration (MDOT SHA): Bridge Condition Inspections for State, County and Local Bridges (BCS 2020-04D) – Team Leader/ Bridge inspector Coordinate CCJM inspection activities. Perform routine biennial bridge safety inspections of bridges throughout the City of Baltimore. Work includes NBIS hands-on inspection and documentation of bridge decks, superstructures, and substructures; railroad coordination; maintenance of traffic coordination; access equipment coordination; use of Underbridge Access Vehicles ("snoopers") and bucket trucks to reach structural members. Duties include organizing field data and generating reports using Bentley's AssetWise.

Pennsylvania Department of Transportation (PennDOT): County Bridge Inspection, PennDOT District 2-0, Mifflin County, PA (E04933) – Bridge Inspector. Perform NBIS hands-on bridge inspection and report preparation for county-owned bridges in Mifflin County, PA. Perform post-flood inspections, including reporting in PennDOT's BMS2.

Pennsylvania Department of Transportation (PennDOT): County Bridge Inspection, PennDOT District 6-0, Chester County, PA (L00077) – Bridge Inspector. Responsible for the inspections of approximately 95 bridges and preparation of reports for county-owned bridges throughout Chester County. Duties include organizing field data (field notes, digital photos, photo logs, locally-required field forms, etc.) and generating inspection reports (narrative and iForms). Perform post-flood inspections, including reporting in PennDOT's BMS2

Pennsylvania Department of Transportation (PennDOT): NBIS Bridge Inspections, Pennsylvania Statewide Local Bridges (E04359) – Bridge Inspector. Perform routine, interim and special NBIS hands-on inspection of PennDOT's locally-owned structures, ranging from < 8' concrete box culverts, single- and multi-span bridges with multibeam steel girders, prestressed concrete box beams, closed spandrel concrete arches on rural local and State Park and Forest roads, to Harrisburg's historic State Street Bridge. Provide QC of field data and inspection reports prior to uploading them to BMS2.

Inspection includes District 4-0 (Scranton and Wyoming County) and PA Department of Conservation and Natural Resources (DCNR).

Washington Area Metropolitan Transportation Authority (WMATA): Aerial Structure Inspection (19-FQ15191-TRST-002) – Bridge inspector. Coordinate CCJM inspection activities. Perform routine annual bridge safety inspections of complex aerial structures in the WMATA electrified rail system, which consists of 162 bridges, 1,515 spans that total more than 27 miles in length. Aerial structures consist of direct fixation tracks on concrete decks over steel girders, fracture critical steel box girders, post-tensioned cast-in-place girders, precast concrete segmental girders and precast AASHTO box girders. Work includes NBIS hands-on inspection and documentation of bridge decks, superstructures, substructures and track works for WMATA's priority structures, and employs confined space operations, as well as dye penetrant testing, when needed. High Reach, Aspen Aerial and Catenary Maintenance vehicles are employed to reach structural members. Organize field data and generate inspection reports and defect tickets.

Pennsylvania Department of Transportation (PennDOT): NBIS Local Inspections, PennDOT District 2-0, McKean County, PA (E03342) – Bridge Inspector. Responsible for the annual and biennial inspections of approximately 130 structures ranging from culverts to multi-span bridges located on local roads throughout McKean County, PA. Duties include performing inspections to evaluate the conditions of the structures and to update the inspection reports. Organize field data (field notes, digital photos, photo logs, locally-required field forms, etc.).

RACHAEL TEMPLE, EIT

BRUDIS & ASSOCIATES, INC.

PROJECT ASSIGNMENT:
Structural Engineering

PROFESSIONAL REGISTRATION:
2024 / Engineer – in – Training #63593

EDUCATION:
BSCE / 2022 / Civil Engineering

RELEVANT EXPERIENCE:
3 Years of Experience

Ms. Temple has more than 3 years of experience in transportation engineering, sidewalks and ADA compliance/upgrades, bicycle lanes, traffic and feasibility studies, the establishment of right-of-way needs, signing and pavement markings, erosion and sediment control, stormwater management, maintenance of traffic plans, and roadway reconfiguration. Ms. Temple has prepared construction plans and cost estimates for transportation improvement projects, which have included horizontal alignments, geometric data sheets, and sidewalk and roadway design. Experienced user of MicroStation & Inroads SS2, Microsoft Office (Word, Excel, PowerPoint, Project, Outlook), Revit and AutoTURN. Relevant projects include:

VDOT, Safety Inspections of Highway Structures and Bridges in the NOVA District (#52257). Provided field inspection of highway bridges in the Northern Virginia (NOVA) district. Work includes performance of field inspections of all assigned highway bridge structures; maintenance of traffic (MOT); shoulder and lane closure permits; creation of quality control reports using VDOT's InspectX online reporting program. Typical types of inspections include but are not limited to reinforced concrete deck, steel girders/beams, reinforced concrete abutments, expansion joints, compression joints, elastomeric bearings, fixed/moveable bearings, pier caps, diaphragms, curved girders, MSE walls, metal bridge railing, wingwalls, protected slopes, and protective coatings.

Minor Bridge Inspections, City of Frederick, MD. Project Engineer who prepared structural reports for minor bridge at Rocky Springs Road over Carroll Creek. Provided the typical section, plan and elevation sheets, and structural condition report with repair recommendations. Updated report discussing repair costs, repair recommendations, load rating information, and site inspection findings including existing superstructure condition, existing substructure condition, presence of existing retaining walls, stream and tributary locations, and existing W-beam traffic barrier condition. (2024)

Routine Sign Structure Inspection – Project Engineer Project engineer who prepared reports for cantilever and overhead sign structures for sign structures in Baltimore County, Maryland along I-695. Trained in inspecting and reporting findings for cantilever, overhead and combined sign structures. Inspected anchor bolts, leveling nuts, baseplates, handhole and related attachments, posts, luminaires, sign clips, truss connections, and foundations; checked for dents, plumbness and other defects in structures. Wrote field notes for inspections and labeled site photos. Completed SHA-TEDD TIRPS training for sign structures reports which provided inspection guidelines, safety rules, report conventions to follow, and field demonstration. (2024)

City of Hagerstown Minor Bridge Inspections – Project Engineer Project engineer who conducted site inspections of existing minor bridges in Hagerstown, Maryland. Inspected superstructures, substructures, stream channels, culverts and approach roadways for multiple roads over runs and tributaries in Washington County, Maryland. Documented findings about culvert and bridge ratings and postings in reports including existing W-beam traffic barrier conditions, presence of fallen trees or debris in channel, vegetation growth condition, condition of culvert, superstructure and substructure, and other defects in stream channel observed since the previous inspection. Labeled site photos and completed field notes. This project will improve Hagerstown infrastructure in Washington County. (2024)

Washington County Minor Bridge Inspection, Project Engineer who provided site inspection services for culverts and minor bridges in Washington County, Maryland. Documented findings on condition and adequacy of existing approach roadway and existing W-beam traffic barriers and their corresponding end treatments, recorded changes since previous inspections, fallen trees or timber debris in stream, culvert defects, superstructure and substructure defects, and vegetation and other general findings in stream channel. Verified horizontal clearance, vertical clearance to water line, and average water depth. Labeled photos, completed field notes, and created reports on culvert and bridge conditions as needed. This project will improve infrastructure in Washington County. (2024)

Nichols Manor Drive Cox Creek Culvert, Project Engineer who provided maintenance of traffic plans and typical section drawings for a culvert installation in a residential neighborhood in Queen Anne's County, Maryland. This project will improve infrastructure in Queen Anne's County. (2024)

FACILITIES

DGS-20-009-IQC: CT Perkins Dormitory Demolition – Senior Structural Engineer Responsible for preparing contractor instructions for demolition of two dormitory buildings previously use to house doctors for a maximum-security mental hospital. Provided estimated quantities for demolition of dormitories. Project includes removal of buildings and its related properties including an underground fuel tank, potential salvaging of existing bricks, and restoration of site to a natural condition until redevelopment is possible. (2024)

Kensington 3 Culverts, Town of Kensington. Project Engineer who provided professional design services for a project to install 3 culverts in the Town of Kensington. Created base plan sheets for structures team. This project aims to improve infrastructure in Montgomery County, Maryland by installing three culverts in the town. (2023)

Fire Suppression Tanks Structural Repairs, Project Engineer who provided professional site inspection services and drawing services for a project in Anne Arundel County to repair and evaluate condition of fire suppression tanks in various locations in Anne Arundel County, Maryland. Updated plan drawings for the project, labeled photos and recorded site findings in field notes. Recorded condition of existing fire suppression tanks including paint chipping, color, chain and foundation condition. Noted any defects in field notes. This project aims to improve fire suppression infrastructure in Anne Arundel County, Maryland by ensuring tanks are in updated, good condition. (2023)

Baltimore County On-Call Civil-Site Design Stansbury Pier Repairs, Project Engineer who created structural condition reports for Stansbury Park Fishing Pier. Recorded findings from site inspection field notes and photos in document and assisted with recommending repairs and drawing plan drawings for report. Provided professional site inspection services for a trail crack repairs in trail surface in Baltimore County, Maryland. Conducted multiple site inspections to measure and mark location of cracks in trail surface and reported findings in reports and spreadsheets. Recorded findings with photos and evaluated existing crack conditions and checked for new cracks. Developed reports evaluating the feasibility and efficacy of repair recommendations, labeled photos, and prepared a spreadsheet documenting location of cracks, crack types, length and width of cracks, and other defects like erosion holes using Excel and Word. (2022)

Mohrs Lane Retaining Wall, Baltimore County DPW. Project Engineer who prepared construction plans to replace bridge on Mohrs Lane over CSX Transportation. Provided the highway plans, geometric layout, roadway profile and maintenance of traffic control. (2023) 12-011.02

MD 210 Pedestrian and Bicycle Study, SHA OPPE. Project Engineer who conducted a Phase I of the MD 210 Pedestrian and Bicycle Improvements mostly along MD 210 between I95/I495 and the Kerby Hill Road Interchange. Some improvements are on local roads or other off-alignment locations. This project will improve pedestrian and bicyclist safety and connectivity by providing much needed facilities along the MD 210 corridor. Provided cost estimate, water quality maps, horizontal alignment and construction plans. (2023) 18-017.09

MD 26 PSAP Corridor Assessment, SHA OPPE, *Milford Mill, Maryland.* Project Engineer who provided professional traffic engineering services for conducting a pedestrian safety review of the MD-26 corridor from Washington Avenue to Owings Mills Boulevard in Milford Mill, Maryland. Conducted a pedestrian safety review of the MD-26 corridor, evaluated the feasibility and efficacy of PSAP recommendations, developed final pedestrian safety improvement recommendations, and prepared a pedestrian safety study report using the MdMUTCD, MDOT SHA Context Driven Guide, and the Pedestrian Safety Treatments Best Practices Guidelines. Work included the following: Traffic and Crash Analysis, Field Inspection and Inventory, Review and Feasibility Study of the PSAP Recommendations, and Preparation of the Pedestrian Safety Corridor Study Report. (2023) 18-017.12

Odenton Library Community Park, Anne Arundel County DPW. Project Engineer who prepared construction plans for clearing, grading, sediment control, storm drainage, storm water management, utilities, landscaping, etc. to aid in the design of the various park improvements and associated amenities at Odenton Community Park in Odenton, Anne Arundel County, Maryland. All features of this project should be ADA accessible and compliant. The site for the future Odenton Community Park is in Council District 4, just off MD 175. This Park is a portion of Lot A plated as West County Regional Library. Lot A is divided into three parts; the proposed park is part of Lot A Part 1, and part of Lot A Part 2. (2023) 18-021.14

MD 140 PSAP Corridor Assessment, SHA OPPE, *Owings Mills, Maryland.* (18-017.13) Project Engineer who provided professional traffic engineering services for conducting a pedestrian safety review of MD-140 corridor from Rosewood Lane to MD 30 (4.8 miles) in Owings Mills, Maryland. Evaluated the pedestrian safety review of the MD-140 Corridor, evaluated the feasibility and efficacy of PSAP recommendations, developed final pedestrian safety improvement recommendations, and prepared a pedestrian safety study report using the MdMUTCD, MDOT SHA Context Driven Guide, and the Pedestrian Safety Treatments Best Practices Guidelines. Work included: Traffic and Crash Analysis, Field Inspection and Inventory, Review and Feasibility Study of the PSAP Recommendations, and Preparation of the Pedestrian Safety Corridor Study Report. Prepared construction plans for Preliminiary Investigation. (2023)

Ft. Smallwood Park Ph II CMI, Anne Arundel County DPW. Project Engineer for improvements to the Ft. Smallwood Park that include the following major work items: Demolition of Existing Maintenance Building and Wastewater Treatment Facility, New Comfort Station/Concession Stand, New Maintenance Building, New Well and Water Treatment Facilities, New BAT Units and Septic Fields, Restoration of the Existing Beach Front Concession Stand, and New IT Infrastructure. Provided site inspection duties during construction of New Maintenance Building, New Comfort Station/Concession Stand, New BAT Units and Septic Fields, and Restoration of Existing Beach Front Concession Stand. (2023) 18-021.15

Cockran MS Concession Building, Anne Arundel County DPW, *Glen Burnie, Maryland.* Project Engineer for the preparation of Final Plans for Corkran Middle School Concession Building located at 7600 Quarterfield Rd, Glen Burnie, Maryland. Corkran Middle School is a 31.2-acre middle school featuring multipurpose fields, baseball fields, basketball courts, tennis courts, a concession building, parking lots, and walking trails managed by the Anne Arundel County Department of Recreation and Parks. This project expands the Department of Recreation and Parks site improvements to add approximately 40 additional parking spaces to the lot adjacent to Thelma Ave, the demolition of the existing concessions building, and the construction of a new concession building using the template built at the Loopers Fields. The site improvements included in this procurement consist of the stormwater management in the existing parking areas will be evaluated and retrofitted to meet current standards; the design, permitting, and construction of stormwater management improvements, and the construction of a new parking area; the existing parking lot can be reconfigured to accommodate more parking; DRP has chosen lot adjacent to Thelma Ave as the new parking area conversion; demolish the existing concession building, demolish and/or abandon the existing septic system and well, and provide design services for a new concession building with new public utility connections. (2025) 18-021.24

US 219 at US 40 Alt Park & Ride, *Garrett County, Maryland.* Project Engineer who provided professional transportation engineering design services for the development of Preliminary Investigation (PI) milestone submittal documents for the proposed Park & Ride at the northeast quadrant of the US 219 and US 40 Alt intersection, in Grantsville, Garrett County, Maryland. BAI understands that the proposed Park & Ride lot will be in accordance with the preliminary sketch provided by District 6 with approximately 30 parking spaces. BAI prepared a SWM Concept Report including existing and proposed project descriptions, ESD to MEP computations, ESD facilities, TR-55, Water Quality Summary Sheet (WQSS), Water Quality Maps, Environmental Feature Maps, and waiver/variance letters for SWM Quantity control. Prepared water quality maps, environmental resource maps and right-of-way model. (2023) 19-005.16

MD 736 Braddock Road Sidewalk, SHA District 6, *Allegany County, Maryland.* Project Manager who provided professional engineering design services for the development of Preliminary Investigation (PI) documents to retrofit Braddock Road (MD 736) from Park Avenue #2 to Braddock Street with bicycle lanes and continuous sidewalk in each direction. The project lies along MD 736 in Allegany County, Maryland beginning from Park Avenue #2 and ending at Braddock Street. Overall improvements include continuous sidewalks, curb and gutter and bicycle lanes on both sides of MD 736 beginning from Park Avenue #2 to Braddock Street with minimal base widening, pedestrian ramps, traffic barrier upgrades, driveway upgrades, drainage improvements, site grading, stormwater management (SWM), maintenance of traffic, and signing. Prepared typical sections, construction plans, and pedestrian improvements like sidewalk, curb ramp, curb, and gutter design in accordance with Accessibility Policy & Guidelines for Pedestrian Facilities along State Highways. (2023) 19-005.19

MD 646 from MD 543 to MD 136, SHA District 4, *Harford County, Maryland.* Project Engineer who provided professional transportation engineering design services for safety and resurfacing of MD 646 (Prospect Road) from MD 543 (Ady Road) to MD 136 (Whiteford Road) in Harford County, Maryland. MD 646 is a two-lane two-way Rural Minor Collector road with AADT of 1,031 and posted speed limit of 50 MPH. The approximate length of the project is 3.13 miles. Provided

engineering services for the preparation of design documents at 30% Preliminary Investigation (PI), 90% Final Review, and 100% PS&E. (2023) 19-007.02

Park & Ride Cost Estimates, SHA District 4, Project Engineer who provided cost estimates for park and ride lot improvements for sixteen locations in Harford County and Baltimore County, Maryland. Locations include Mt Carmel Park & Ride, Gunpowder Falls Park & Ride, Juniata Park & Ride, Shawan Road Park & Ride, Fallston Park & Ride, Joppa Cheyenne Park & Ride, Belair Hickory Park & Ride, Belair Marywood Park & Ride, Pylesville Park & Ride, Southwest Park & Ride, Belcamp Park & Ride, Cromwell Park & Ride, Middletown Park & Ride, Old York Park & Ride, Providence Park & Ride, and Southwest Park & Ride. The improvements include resurfacing and fine milling of existing park and ride lots, replacement of damaged curb and replacement of existing pavement markings. Provided quantity files and cost estimates. (2023)

17 Middletown Sidewalk Final Design, SHA District 4, *Middletown, Maryland.* (19-007.12) Project Manager responsible for improving the accessibility and mobility of pedestrians in Middletown, Maryland. The improvements will include ADA compliance for existing sidewalks, curb ramps, crosswalks, and missing sidewalk segments between existing sidewalks along MD 17 (S. Church Street) in Middletown, Maryland. Currently, sidewalks run along both sides of MD 17 between Old S. Church Street near Memorial Park and Green Street, however, there are gaps within the sidewalk segments, and the existing sidewalks, curb ramps, driveway entrances, and crosswalks are not ADA-compatible, do not meet the MDOT SHA Accessibility Policy and Guidelines for Pedestrian Facilities along State Highways and do not meet the latest version of the currently proposed Public Rights-of-Way Accessibility Guidelines (PROWAG) by U.S. Access Board. MDOT SHA recently completed construction of The Middletown Urban Reconstruction project that improved pedestrian facilities along US 40 Alt (Main Street) in Middletown, MD. This project will address the pedestrian accessibility needs along MD 17. Prepared construction plans, cost estimate, quantity notes, maintenance of traffic plans, and geometric sheets. (2024)

MD 157 at Westfield Rd, SHA District 4, (19.007.14) Project Engineer responsible for professional transportation engineering design services to develop construction documents per concept plan (dated March 2022) provided from District 4, which involves removal of flex posts and installing monolithic medians to separate the left turns from through traffic, and modifications to the northwest quadrant of the intersection of MD 157 (Merritt Blvd) and Westfield Rd to reduce the opening for right-in/right-out access. Prepared construction plans, typical sections, geometric sheets and pavement marking files. (2024)

I-695 from US 1 (Southwest Blvd) to I-70, SHA District 4, (19-007.16) Project Manager who provides professional transportation engineering design services for Traffic Barrier Improvements on I-695 from US 1 (Southwest Boulevard) to I-70. This task involves reviewing both the Inner Loop (IL) and Outer Loop (OL) for traffic barrier upgrades as these limits and select ramps have recently been resurfaced. This task also involves identifying and replacing existing noncompliant, deteriorating, or damaged traffic barriers and end treatments at locations within the project limits. The project limits are the I-695 inner loop and outer loops from the Northern Bridge joint on US 1 to the southernmost parapet below the bridges at the I-70 interchange, including evaluation of traffic barriers on all interchange ramps up to the pavement joints. The total project length is approximately 12.5 miles including the ramps. These project limits may be adjusted based on forthcoming changes to the TSMO limits. During the field investigations, also identified any proposed improvements (new W-Beam Traffic Barrier) where a traffic barrier does not currently exist but is warranted based on crash history and/or the proximity of unshielded roadside hazards. All improvements were proposed in compliance with the SHA Guidelines for Placement of Traffic Barrier and End Treatment Design, November 2021. Prepared construction plans. (2024)

Ramp and Pier Evaluations, Baltimore County Property Management, (19-010.12) Project Engineer who provided a structural adequacy assessment for evaluating the eight existing boat ramps and nineteen existing piers in DRP's inventory by preparing inspection reports describing the findings at each location. Presented findings in a report format that will document the current condition of the piles, pier caps, beams; provided a referencing sketch for member identification, and state if the load carrying capacity is in accordance with the code requirements. If not, suggest possible repairs for strengthening the pier. (2023)

Regional Agricultural Center – Center Design, St. Mary's County Government, Charlotte Hall, Maryland. (20-001.05) Project Engineer responsible for professional consulting services for the St. Mary's County Government (County) to obtain concept design services for a new Regional Agricultural Center in Charlotte Hall, Maryland. BAI's effort consisted of a desktop review of critical environmental/ historical features, preliminary concept layouts (2), site feasibility and impacts evaluation, and preparing a feasibility study report. BAI provided a desktop review of critical environmental/historical features, preliminary concept layouts (2), site feasibility and impacts evaluation, cost estimates, and document the findings in a feasibility study report. The feasibility report and concept site plans will be submitted to the Planning Commission for Concept Site Plan approval through the Technical Evaluation Committee (TEC) review process. Provided cost estimate and prepared construction plans for concept design. (2022) 19-007.08-01

US 50 WB at Airey Spur Intersection, SHA District 1, Project Engineer who provided professional transportation engineering design services for the development of Line and Grade, PI, SF, FR, PS&E, and Advertisement plans and other documents for the intersection improvements along US 50 Westbound at Aireys Spur Road. The anticipated improvements include a Maryland T design with median acceleration lanes. Prepared stormwater management plans and performed site inspection to verify existing conditions and feasibility of proposed improvements and recorded findings in notes. (2023) 20-003.03

I-70 Eastbound at US Route 29 Exit Ramp, SHA District 4, *Howard County, Maryland.* Project Engineer responsible for the improvement of the exit ramp from eastbound I-70 to southbound US 29. The scope of the project is to provide professional transportation engineering design services for the development of Preliminary Investigation (PI) documents for improvements of the exit ramp from eastbound I-70 to southbound US 29 in Ellicott City, Howard County, Maryland. The proposed improvements are in accordance with the Traffic Engineering Study and concept plans developed by BAI revised on April 26, 2013. This study memo presented two improvement alternatives, of which Alternative I was utilized for the development of the PI documents as directed by MDOT SHA. Proposed improvements in Alternative I include: widening of the eastbound I-70 to provide a deceleration lane and taper at the exit ramp to southbound US 29 to construct a parallel type of exit, and constructing a paved shoulder along the eastbound I-70 and US 29 ramp within the widening segment. Prepared erosion/sediment control plans, construction plans, and maintenance of traffic plans for PI. (2023) 23-015.01

MD 17 Middletown Sidewalk Revision, SHA District 7, *Middletown, Maryland*. Project Engineer who provides professional cost estimation and transportation engineering design services to improve the accessibility and mobility of pedestrians in Middletown, Maryland. The improvements include ADA compliance for existing sidewalks, curb ramps, crosswalks, and missing sidewalk segments between existing sidewalks along MD 17 (S. Church Street) in Middletown, Maryland. Currently, sidewalks run along both sides of MD 17 between Old S. Church Street near Memorial Park and Green Street. However, there are gaps within the sidewalk segments. The existing sidewalks, curb ramps, driveway entrances, and crosswalks are not ADA-compatible and do not meet the SHA Accessibility Policy and Guidelines for Pedestrian Facilities along State Highways and the latest version of the currently proposed Public Rights-of-Way Accessibility Guidelines (PROWAG) by U.S. Access Board. SHA recently completed construction of The Middletown Urban Reconstruction project, improving pedestrian facilities along US 40 Alt (Main Street) in Middletown, Maryland. This project addresses the pedestrian accessibility needs along MD 17. Provided construction plans and cost estimate. (2024) 23-015.03

MD 17 from Ventrie Court to Eagle Bay Dr, SHA District 7, *Frederick County, Maryland.* Project Engineer who provided professional transportation engineering design services for the Safety and Resurfacing of MD 17 from Ventrie Court to Eagle Bay Drive, Frederick County, Maryland. The project limits along MD 17 are from south of Ventrie Court (approximate mile point 18.00) to south of Eagle Bay Drive (approximate mile point 18.47). The proposed scope of work in this task proposal includes the final designs for: resurfacing of approximately 8,700 linear feet, or 1.65 miles, of MD 17 and I-70 interchange ramps. This includes approximately 3,050 linear feet of resurfacing along MD 17 and 5,650 linear feet of resurfacing along the interchange ramps to the theoretical gore. The wedge and level will be necessary at various locations to be determined during the field review; erosion and sediment control; trimming of existing ditches, repairs to shoulder drop-offs, headwalls, and grates, where necessary; extending existing pipe culverts and install new end walls; assessing and updating traffic barriers and end treatments to meet MASH standards; evaluating bicycle compatibility to meet the latest SHA guidelines; reinstalling pavement marking, raised pavement markers, and rumble strips in compliance with the 2023 MUTCD and any supplement, guidelines, or revisions from the SHA Office of Traffic & Safety.

Performed site inspection to confirm existing conditions and feasibility of proposed improvements and recorded findings. (2024) 23-015.04

MD 736 and Park Avenue Roundabout Study, MD SHA. Project Engineer responsible for the preparation of a project feasibility study and concept design plans for the implementation of a single-lane roundabout at the intersection of MD 736 (Braddock Road) and Park Avenue using two (2) different design vehicles. This study includes evaluation of existing and proposed site conditions, design constraints, traffic and safety analysis, stormwater management needs, roundabout layouts, and construction cost estimates. Additionally, the project evaluated the right-of-way impacts, environmental impacts, utility impacts, and required permits. Provided construction plans for PI. (2023) 19-005.04

MD 413 Bike Path, *Westover, Maryland*. Project Engineer who provided professional water resources engineering design services for the development of Modified PI, SF, FR, PS&E, and Advertisement plans and other documents for the construction of 10-foot bike path along 3.2 miles on the east side of MD 413, along an abandoned Eastern Shore railroad alignment. Prepared stormwater management plans. (2023)

Bel Air CDL Course, MDOT MVA. *Bel Air, Maryland*. Project Engineer who provided cost estimating services and professional transportation engineering design services to provide pavement remediation and reinstallation of traffic barrier at the Commercial Driver's License Course at the MVA Branch in Bel Air, Harford County, Maryland. BAI collected field data and developed preliminary design plans, specifications, and itemized estimates for the improvements. Prepared base design files developed draft concept plan and cost estimate. (2022) 20-002.08

Bel Air MVA Branch CDL Course Traffic Barrier, MDOT MVA. *Bel Air, Maryland*. Project Engineer who provided cost estimating services and professional transportation engineering design services to develop construction documents for the removal of traffic barriers, pavement marking, and installation of bull nose end terminal at the Commercial Driver's License Course at the MVA Branch in Bel Air, Harford County, Maryland. Prepared construction plans and cost estimate. (2022) 20-002.09

GIRUM TESHOME GEBREGZIABIHER
LEAD CONSTRUCTION INSPECTOR

Girum is a transportation construction and engineering professional with over 31 years of diverse experience in the heavy highway construction and transportation industry, specifically as an Inspector / Lead Inspector / Assistant Project Engineer for the various heavy civil construction projects. He is an expert in all administrative and field activities to a heavy civil construction program including but not limited to change orders, RFI's, correspondence, meetings, conferences, partnering, schedules, document control, and materials clearance. He has extensive experience with project meetings including but not limited to Pre-Construction, Partnering, Progress, Pre-Pave, Pre-Pour, MBE/DBE and Pre-Erection.

Girum career started as a trainee and worked to the level of lead inspector while gaining experience in many aspects of site civil and highway construction including but not limited to materials testing, clearing and grubbing, erosion and sediment control, excavation, embankment, SWM facilities and structures, curb and gutter, sidewalk, sub-grade preparation, unsuitable materials, sub-foundation investigation, sub-grade installation, base and surface course asphalt paving, pavement markings, highway lighting, street lighting, maintenance and inspection of traffic control, structure excavation, pile driving, form work for footings, reinforcement steel, concrete footings, parapets, wing walls, prestressed concrete beams, precast bridge decks, MSE walls, SIP formwork, bridge deck prep, epoxy coated rebar, steel sheer studs, setup and dry run on Bidwell bridge deck, sequenced concrete deck pours, neoprene expansion joints, signage, traffic signalization, ADA, drainage, and work zone safety.

Girum has performed QA/QC inspections and ensures all work is being done in conformance with the Contract Documents and Specifications, including the Invitation for Bids (IFB), Plans, and Specifications. He has extensive experience with Procore, Microsoft Office and other software's utilized for eConstruction.

RELEVANT WORK EXPERIENCE

Senior Construction Inspector, WMATA – 5/22 – 9/24 - This project was for leak mitigation along the WMATA network of Stations, Track, Tunnels and Bridges. He collected, compiled, and analyzed data from the physical work site, surveys, structural plans, blueprints, schematics, data, technical drawings, flow diagrams, material sampling, computer generated reports, and other matrices for single, multi-phase, or multi-site field inspection activities. Use survey instruments, metering devices, and test equipment to perform inspections on projects of moderate complexity and/or scope, including proposed and existing site conditions, equipment, construction, materials, controls, resources, layout, alignment, and elevation to determine conformance with applicable rules, standards, codes, and construction or operating permits. Girum was responsible for following standard practices to provide technical assistance and guidance that accounts for the proper inspection, construction, and functioning of buildings, highways, roads, bridges, materials, structures, infrastructure, equipment, and/or mechanical systems according to design standard specifications. He acted as consultant regarding work progress and problem resolution; may serve as the only inspector on construction project or assist in overseeing construction inspection activities for projects of a moderate scope and complexity within a district. He verified load calculations, change orders, interpretation of contract plans and specifications, resolved differences in interpretation of plans and specifications. Girum monitored project phasing plans and contractors' work to ensure quality control and contract compliance; documenting work progress and issues arising throughout scope of project. He

BRUDIS & ASSOCIATES, INC.

PROJECT ASSIGNMENT:
Lead Construction Inspector

PROFESSIONAL REGISTRATION:
WACEL Soils Level 1
WACEL Concrete Level 1
ANGA Nuclear Guage
OSHA 10
VDOT Asphalt, Soils and Aggregate, Pavement Marking
WMATA L2, CRWP
AMTRAK - RWP

KEY EXPERIENCE:
Lead Inspector
Partnering
Materials Clearance
Document Control
Materials Testing
E&S / SWM
Paving
Bridge (Concrete / Structural Steel)
Structural Inspection
MSE Walls
ADA
ITS
MOT
Drainage
Contractor Payment
Work Zone Safety

EDUCATION:
BS – Construction Technology and Management – Ethiopia
Diploma – Construction Technology - Ethiopia

RELEVANT EXPERIENCE:
31 Years of Experience

worked with cross-functional teams in executing project work; attended pre-construction meetings and answer questions from contractors and other attendees; assisted with calculating payments due to contractors for work completed; wrote technical reports summarizing inspection findings and conclusions, generating complete, accurate, and concise documentation using photographs, sketches, calculations, software, spreadsheets, technical drawings, flow diagrams, 2D/3D illustrations, and reports; assisted technical staff, project managers, and contractors with risk identification and assessment, offering input, analysis, escalation, or resolution with construction, mitigation, and improvement activities for more intricate and involved construction or engineering problem; and assisted with work plan preparation and coordination of any field/site work, reviewing staffing, and
equipment utilization data and time/cost estimates.

Construction QA/QC Inspector, Various Clients – 3/22 - 5/22 – Girum was responsible for checking and assuring that the project pavement design is in accordance with the client specifications; materials clearance; quality assurance and control of materials; measure and calculate materials quantities such as tack coat, asphalt, concrete, pavement markings, etc; conducted site and laboratory materials testing including proctor Atterberg limit, CBR concrete compressive strength, sieve analysis, unit weight, slump, air entrainment, and concrete cylinder preparation and sampling. He also performed inspection of the construction of earth work, subgrade, embankment, base and surface asphalt, and concrete placement for various sites including taxiways, aprons, highways, and access roads.

Construction Technician, Various Clients – 7/19 – 11/21 – Girum was responsible for the field foundation testing and inspection of various structures. This included the testing and inspection of subgrade foundation prep, reinforcement steel, backfill, and concrete placement. He conducted site and laboratory materials testing including proctor Atterberg limit, CBR concrete compressive strength, sieve analysis, unit weight, slump, air entrainment, and concrete cylinder preparation and sampling.

Material / Pavement Engineer, Ethiopia – 12/15 – 9/17 – Girum was responsible for the QA/QC reviews ensuring that the project pavement design is in accordance with the client need which Sustain the expected traffic properly; conduct feasibility study for different projects; serve as the quality assurance Material Engineer during the project implementation period and follow the day-to-day quality of the project work; constructability reviews; materials clearance; and document control. He provided desktop and field inspection of structures to ensure they are built and performing as per the design drawing and specification. Typical structures included but are not limited to: Briges, Culverts, Cross Pipes, Manholes, Drainage Pipes, Foundations, Dimensions, Rebar Size, Spacing, Formwork, Scaffolding, Piers, Abutments, Girders, Slabs, Bearings Cups, Handrails, Approach slabs and Guardrails. He conducted site and laboratory materials testing including proctor Atterberg limit, CBR concrete compressive strength, sieve analysis, unit weight, slump, air entrainment, and concrete cylinder preparation and sampling.

Material Inspector, Ethiopia – 11/94 – 12/15 – Girum was responsible for checking and assuring that the project pavement design is in accordance with the client specifications; materials clearance; quality assurance and control of materials; measure and calculate materials quantities such as tack coat, asphalt, concrete, pavement markings, etc.; conducted site and laboratory materials testing including proctor Atterberg limit, CBR concrete compressive strength, sieve analysis, unit weight, slump, air entrainment, and concrete cylinder preparation and sampling. He also performed inspection of the construction of earth work, subgrade, embankment, base and surface asphalt, and concrete placement for various sites including taxiways, bridges, vertical structures, sidewalks, drainage, aprons, highways, and access roads.

AB CONSULTANTS, INC.
9450 Annapolis Road
Lanham, Maryland 20706

Ph: (301) 306-3091
Fax: (301) 306-3092
www.abconsultantsinc.com

May 16, 2025

Mr. Brandon Freeman
CPJ, Inc
6305 Ivy Ln # 710,
Greenbelt, Maryland 20770

Ref: Task: Unit Proposal for Construction Inspection and Material Testing Services for Powhatan Street Bridge Rehabilitation
AB Proposal No. 2025256-00

Dear Mr. Freeman:

Pursuant to your request, AB Consultants, Inc. (AB) is pleased to submit a unitary rate proposal to provide construction inspection and material testing services for the Powhatan Street Bridge Rehabilitation. Our understanding of the project and scope of services are as follows.

Perform construction inspection, quality control, monitoring and material testing required for the following activities during the construction period. Construction schedule is anticipated six (6) months.

- Earthwork including foundation check.
- Cast-in-concrete.
- Laboratory testing.
- Asphalt, if needed

Construction Inspection Services:

a) Perform necessary and appropriate laboratory testing on materials proposed for use as control-fill and backfill in accordance with ASTM standards and/or project specifications. The laboratory soil testing may include but is not limited to Moisture Content, Sieve Analysis, Atterberg Limits, and Proctor.
b) Perform inspection to observe conditions of the bottoms of excavation or the exposed subgrade prior to any fill placement, including observation of proof rolling, suggestion of corrective measures at excessively soft areas.
c) Perform inspection to monitor the placement of fill and backfill operations. The inspector at the site will perform in-place density tests by suitable ASTM methods, such as ASTM D6938 or per project specifications. In addition, our representative at the site will ensure that each lift with the proper layer thickness is placed and compacted in accordance with specification requirement prior to the placement of additional fill.
d) Monitor concrete placement to assure the quality of workmanship. This will include sampling and field-testing of concrete for slump, temperature, air content and preparing concrete test cylinders for laboratory testing. The laboratory testing for concrete will include storing, curing, and compressive testing of test cylinders.
e) Provide periodic quality assurance services of Project Manager with Geotechnical and Material Engineering expertise. These services will include observation of inspection techniques, technical recommendations to owner and contractor for differing site conditions, perform weekly site visits, review Daily Inspection Reports, review Laboratory test results and prepare summary reports as needed in accordance with the project requirements.
f) Prepare field inspection logs and reports to monitor compliance with construction documents. Daily field reports and laboratory test reports will be updated promptly. Field reports are routinely sent at a pre-

determined schedule.

g) Provide representation at project meetings on an as requested basis.
h) Provide consultation on problems that arise during construction, shop drawings or design review.

Qualifications and Personnel:

AB's staff has extensive experience in geotechnical engineering, construction monitoring, inspection, and material testing. Our material testing laboratory is certified by American Association of State Highway and Transportation Officials (AASHTO). AB field technicians provided for the project will be certified by different organizations to perform the required tasks. Also, we participate in the AASHTO Accreditation Program to maintain material testing standards and accuracy. Our field observations and tests will be under the supervision of registered professional engineers from our office. This professional engineer will be available for consultation and site inspection as required, and review reports of our services.

Related Fees:

Per our understanding of the nature and extent of the field construction inspection and material testing services, we would like to quote the service prices on an hourly and unit basis at this time. Field inspection and testing will be charged based on a minimum of four (4) hours per trip. AB unit rates are based on an 8-hour work shift, Monday through Friday. Overtime of more than 8 hours per day will be invoiced at a rate of 1.5 times the normal hourly rate indicated in the aforementioned Table. A trip charge of $40.00 per day will be applied in lieu of mileage charges. *However, we will waive overtime for this project. The hourly prices include equipment and material needed to perform field inspection and testing*.

Field services for the reference project will be performed by our engineering technician. The stated scope of services will be billed at the prevailing unit rates of the following table, which are based on portal-to-portal travel. All field activities will be scheduled and supervised by a project engineer and registered engineer with the Contractor and/or Client's representative. General administration, project management, data handling, report preparation will require project engineer and registered engineer's time and will be invoiced at rates as indicated in the following table only when work by subcontractor is ongoing. No other engineering, attendance at meetings, or other administrative charges apply unless the professional's time is required due to unsuitable soil/site conditions being encountered and reports provided for final data submittals.

Table: Service Fee (For Budgetary Purpose Only)

Item	Description of Services	Quantity	Unit	Unit Price	Est. Cost
Engineer Technician	Observe earthwork operation; perform field tests on soil, asphalt, aggregate, concrete **NOTE:** Overtime and equipments rentals are all included in the proposed unit rate	576	hour	$ 65.00	$ 37,440.00
Project Administration and Management	Perform routine project coordination, supervision and general management; provide technical support and report preparation; review and sign all data submittals; and contingency	72	field working day	$ 105.00	$ 7,560.00
Project Engineer	On Needed Bases: Attend field construction meeting; visit site, consult for field issues encountered	20	hour	$ 150.00	$ 3,000.00
Registered Engineer	On Needed Bases: Provide consultation in unusual circumstances; attend field meeting; review and sign data submittals	8	hour	$ 190.00	$ 1,520.00
Lab Test Concrete	Concrete cylinder curing and compressive strength test		cyl.	$ 18.50	$ -
Lab Test Agg/Soil	Proctor and Classification tests		sample	$ 350.00	$ -
Field & Lab Test	Asphalt paving box sample lab testing if needed		sample	$ 700.00	$ -
Field & Lab Test	Specific Gravity for HMA Core lab testing if needed		sample	$ 90.00	$ -
Field & Lab Test	Specific Gravity and Density for HMA Core lab testing if needed		sample	$ 125.00	$ -
Field Test Misc.	Trip Charge		day	$ 40.00	$ -
Cost	**ESTIMATED TOTAL**				**$ 49,520.00**

Assumptions:
1. Attend one (1) Prince George's County pre-construction meeting and one (1) on-site meeting. Additional meetings and a site visit can be provided, if necessary.
2. Most of the inspection and testing service will be focused on soils compaction, foundation checks, concrete and reinforcing steel inspections.
3. Based on the information provided, it is assumed our services will be needed three (3) times a week for six (6) months, based on the information provided we anticipate seventy-two (72) days for the oversite and inspection work.
4. An average of 8 hours per day is assumed.
5. Four (15) sets of six (6) 4-inch diameter concrete cylinders will be cast per concrete pouring-day for all general construction is assumed.
6. Concrete, soil proctor and asphalt related testes are not included in the price estimate.

Scheduling:
AB will provide suitable personnel for this project at the request of your representatives. We require 24-hour minimum advance notice to enable us to schedule the work efficiently. In addition, for cancellations of scheduled work, we require notice prior to the preceding work schedule, and 4 business hours are expected. AB reserves the right to invoice a reasonable amount to cover travel, labor and other expanses related to scheduled work that is not canceled in a timely manner.

Contractor Responsibilities:
AB field representative will be on site to observe the Contractor or Subcontractor's work and conduct field tests. Our work does not include supervision or direction of actual work performed by the Contractor or Subcontractor's employees or agents, and the Contractor should be so advised. The Contractor or Subcontractor should also be aware that neither the presence of our field representative nor the observation and testing by ABC shall excuse them in any way for defects discovered in work.

Exclusions:
- Concrete Batch Plant Inspection, monitoring and / or testing.
- Testing and/or monitoring for utilities i.e. pressure test, chemical test etc.

* * * * *

We appreciate this opportunity to offer our services and are available to discuss the contents of this proposal at your convenience. Please signify your acceptance of this proposal by returning a copy signed in the space provided below.

Respectfully,
AB Consultants, Inc.

AD Patel
Project Manager

Andinet Tolla, P.E.
Geotechnical and Construction Services

Attachment: Standard Terms and Conditions

CLIENT:

We hereby accept the conditions of this contract and authorize AB Consultants, Inc. to proceed in accordance with the outlined proposal.

_____ _____
Authorized Signature Date

_____
Type/Print Name & Title

M:\EOI\2025\2025036-00 Marley Creek Ruth Parker Eason School SWM Retrofit\4-Proposal\2025036-00 Marley Creek Ruth Parker Eason School SWM Retrofit (Insp).doc

AB CONSULTANTS, INC. - STANDARD CONTRACT TERMS AND CONDITIONS

I. DEFINITION:

For the purpose of this contract CLIENT shall be defined as the person(s) signing this contract authorizing the work, all persons or business entries for whose benefit AB Consultants, Inc.'s (ABC) services rendered and all persons who will be personally responsible for payment of all services.

II. CLIENT'S RESPONISIBILITIES:

Provide all criteria and full and complete information as to project requirements including design objectives and constraints, space capacity and performance requirements, flexibility and expand ability, and any budgetary limitations.

Assist ABC by placing at their disposal all available information pertinent to the project including previous reports, title reports and any other data relevant to the surveying, design or construction of the project.

Furnish to ABC as required for performance of ABC's Basic Services, data prepared by or services performed by others, including, without limitation, soil borings, probing, and subsurface explorations, hydrographic surveys, laboratory tests and inspection of sample, materials and equipment; appropriate professional interpretations of all of the foregoing; environmental assessment and impact statements; property, boundary, easement, right-of-way, topographic and utility surveys; property descriptions; zoning; deeds or title certifications, and other land use restrictions; and other special data, all of which ABC may rely upon in performing their services.

Arrange for access to and make all provisions for ABC to enter upon public and private property as required for ABC to perform their services, including providing identification of any special plantings, landscape items, etc. to which ABC must pay special attention during any field work so as not to damage these items. It is understood that in the normal course of work, some excavation may be made and the excavation be refilled, or damage may occur to surface features and landscaping, the correction of which is not a part of this content.

Examine all studies, reports, sketches, plans, drawings, specifications, proposals and other documents presented by ABC., obtain advice of any attorney, insurance counselor and other consultants as CLIENT deems appropriate for such examinations and render, in writing, decisions pertaining thereto within a reasonable time so as not to delay the services of ABC.

Designate in writing, a person to act as CLIENT'S representative with respect to the services to be rendered under this contract. Such person shall have complete authority to transmit instructions, receive information, contract amendments, interpret and define CLIENT'S policies and decisions with respect to materials, equipment, elements, and systems pertinent to ABC's services.

Give prompt written notice to ABC whenever CLIENT observes or otherwise becomes aware of any development that affects the scope or timing of ABC's services.

Provide safe and secure working conditions. If the CLIENT fails to provide such conditions, ABC in its sole discretion, reserves the right to leave the job site. The CLIENT shall hold harmless indemnify and defend ABC against any delay resulting from such action, plus damages, court costs, and attorney's fees, as long as the unsafe condition exists.

Provide a minimum of 48 hours advance notice for field surveys.

III. ASSIGNMENT:

Neither this contract nor any rights or duties hereunder may be assigned or delegated by the CLIENT to any other person without the express written consent of ABC.

As instruments of service, all plans, original papers and documents, and copies thereof, produced as a result of this contract whether in hard copy or machine-readable form, except documents which are required to be filed with public agencies, are and shall remain the property of ABC without the need for consent of the CLIENT. Any designs that are prepared are for the sole use of CLIENT for his intended uses for this project, and ABC only, whether those uses are written or verbally conveyed to ABC.

Plans and reports will be retained for a period of twenty-four (24) months after completion of the design or project. During that period, copies may be obtained, by CLIENT for his use on this project, for the cost of reproduction. After 24 months, additional costs to those of reproduction may be required. ABC reserves the right to retain hard copy originals of all project documentation delivered to the owner in machine-readable form, which originals shall be referred to and shall govern in the event of any inconsistency between the two.

IV. LIABILITY:

CLIENT recognizes and assumes the inherent risks connected with development and construction. The CLIENT agrees to limit ABC's liability to the CLIENT, due to ABC's negligent acts, errors or omissions to an amount not to exceed $50,000 or the total ABC charges for services rendered on a project, whichever is greater. However the CLIENT reserves unto itself the sole right to require an increase in the liability protection afforded by this agreement when it determines, based upon the services to be provided, said increase is necessary for the protection of the CLIENT. Upon the inability of the contractor to provide such additional liability, the CLIENT may, without causing a default under the contract, seek to secure and procure the required services with another contractor who can provide an increased liability.

V. DISCLAIMERS:

It should be pointed out that there are various factors that may interfere with the location of subsurface objects through geophysical surveys. The factors that affect location include soil composition, moisture, depth, proximity of other utilities and/or structures, etc. These factors have a direct bearing on the signal strength of the geophysical devices that we use for detection purposes. For example, any ferrous object will generate a magnetic anomaly during a survey, and GPR technology may not work well in clayey soil. A definitive answer can be obtained through direct excavation at each anomaly. Therefore geophysical survey should be used only to supplement existing underground utility databases. It should not be used as a sole source of underground utility information. Due to these reasons, ABC will not accept responsibility for actions taken as a result of this survey. ABC will not be responsible for any under ground utility not detected by this survey. ABC will also not be responsible for any anomalies interpreted as underground utilities that are caused by other underground features.

VI. NEGOTIATIONS:

Any negotiations for the Client other than those normally required with review agencies in the course of processing this project will be an extra charge based on Standard Billing Rates in effect at time of said negotiations, unless said negotiations are specifically included in the written scope of work.

ABC shall not be liable for damages resulting from action or inaction of government or other approving agencies, and ABC. shall act as an advisor, only, in all government relations.

It is further agreed that, in the event of claims or disputes arising from this contract or from the services provided herein, such claims, or disputes may, upon mutual agreement of both parties, be submitted to non-binding mediation or arbitration, as defined in and provided in the rules of the American Arbitration Association. The parties hereto further agree that they will follow the procedures and rules of the American Arbitration Association in the conduct of said mediation or arbitration.

Any fees arising from mediation or arbitration shall be divided equally between the parties.

In any action, claim, lawsuit or arbitration instituted by CLIENT against ABC for claims or disputes arising from this contract or from the services provided herein where ABC is the prevailing party, CLIENT shall pay ABC any and all costs of defense, including all attorney's fees. The parties agree that venue for any litigation arising out of this contract shall be in Prince George's County, Maryland.

VII. REVISIONS:

Any revisions, changes, additions, or alterations made in the laws, regulations, policies or ordinances applicable to this project or requested by the CLIENT after acceptance of the scope of work shall be an extra charge at Standard Billing Rates in effect at the time of said revisions. Should revisions be necessary, work will not continue until the CLIENT's approval is obtained.

Lump sum fees are based on work being performed in a systematic, orderly and progressive manner. If circumstances peculiar to the particular operation or specific service effect the manner of work, the lump sum fees are subject to increase in accordance with the extra time expended at the prevailing hourly rate schedule, will be necessary charges for extra work:

1. Work requiring less than a four (4) hour survey party day at the site unless performed at the discretion of ABC.
2. The cost of re-staking in the event that any field staking is damaged by causes or parties other than ABC.
3. Resetting of destroyed horizontal or vertical controls necessary for the survey assignment.
4. Premature work orders by the CLIENT, when the surveyor attempts to complete the assignment but is not able to perform as requested because of various items beyond the surveyors control such as uncleared trash, debris, building materials, vehicles, earthwork, denied access, control points to be established by others, etc.
5. Any additional work requested by the CLIENT that is not covered by the Contract Scope of Services.

VIII. BILLING:

Bills will be rendered monthly, with an invoice of all work preformed during the billing period based on hourly rates or a percentage of lump sum tasks completed. Unless otherwise indicated in the Contract, mileage, long distance telephone charges, facsimile charges, printing charges, federal express charges, courier charges, etc. will be involved on a direct cost plus 10 per cent.

CLIENT must notify ABC of billing disputes, in writing, within 10 days of receipt of bill. Failure to notify ABC within the prescribed time frame constitutes acceptance of the work and of the invoice.

The CLIENT shall pay, in advance, the costs of government agency checking, inspection, submission and permit fees, subconsultant fees, soil testing fees, aerial topographic fees, title company charges, out of house blueprints and reproductions, and all other charges not specifically covered by the terms of this contract. If ABC, at their discretion, advances such costs or fees, etc. to expedite the processing of the project, minimum handling charges of 10% in addition to the amount advanced, shall be paid by CLIENT to ABC.

IX. PAYMENTS AND TERMS:

Payment is due and payable upon receipt of invoice and is past due 30 (thirty) days from invoice date. Should any payment not be made within 30 (thirty) days from the invoice date, such payments will be subject to an interest charge of 1.5% (one and a half percent) compounded monthly, from the date of the invoice. Unpaid invoices will be rebilled monthly. A rebilling charge will be added to the unpaid balance.

ABC reserves the right to stop work on this project if payment is not received within 15 (fifteen) days of billing and the CLIENT has been given 7(seven) days written notification.

Unless otherwise indicated in the Contract, charges and costs indicated herein are quoted for a time period of 6 (six) months from the data of the scope of the work, after which they are subject to negotiation.

Should ABC find it necessary to take legal action for nonpayment under the terms of this contract, the undersigned agrees to pay all attorney fees (33% of unpaid fees or actual fees, which ever is greater) and court costs incurred by ABC. Court costs shall include, and not be limited to: expert witnesses, deposition and subpoena costs, long distance phone calls, filing and copying fees.

X. RETAINER:

Unless otherwise indicated in the Contract, it is ABC's policy to require a retainer for services to be performed. This retainer covers the costs of initial efforts including, but not limited to, processing, preliminary research, organization of data and scheduling necessary to begin the project. The retainer will be normally applied to the final billing. The retainer in the amount of 30% of all projects up to $1,500.00 is required. For projects over $1,500.00, a minimum retainer of 10% is required. Please include the appropriate amount with the signed Job Authorization Contract and return to ABC's office for the work to be scheduled.

XI. CREDIT VERIFICATION:

CLIENT authorizes ABC to make any and all inquiries necessary to verify CLIENT's credit standing and hereby indemnifies and holds ABC harmless from any liability resulting from such credit investigation.

XII. SEVERABILITY:

If any clause, sentence, part or parts of this contract or any section thereof shall be declared by any court of competent jurisdiction to be invalid or constitutionality shall not affect the validity or constitutionality of the remaining parts of this contract or of any section thereof.

ABC may delay or forebear enforcing any or all of its rights under this contract without being deemed to be a waiver of rights.

This offer to contract shall be null and void if not accepted by CLIENT and returned to the office of ABC within 30 (thirty) days of offer date.

If you are in full agreement with this request, please sign below.

_____

Printed Name

_____

Signature

_____

Date

EBA ENGINEERING

EBA Engineering, Inc.
6100 Chevy Chase Dr.
Suite 200
Laurel, MD 20707

o 240.547.1124
f 301.725.0394
w www.ebaengineering.com

May 28, 2025

Brandon Freeman, PE
Project Manager
CPJ Associates
1751 Elton Road. Suite 300
Silver Spring, MD 20903

RE: Powhatan Street Bridge Rehabilitation
Construction Management & Material Testing Services for City of New Carrollton, MD

Dear Mr. Freeman

EBA Engineering, Inc. is pleased to submit this proposal to provide professional engineering services for the subject task. Our team will perform site visits, construction inspection oversight, material testing and document management services for the subject project.

The scope and assumptions under this task include the following:

- EBA to provide full time construction inspection services for this project via an assigned Inspector on site.
- EBA to provide part time construction management services for this project via an assigned Construction Manager.
- EBA to provide On-Call material testing services (on-site) for this project via a Material testing technician
- EBA to provide document management and book-keeping services for this project.
- EBA to provide Lab testing services for all construction material used to ensure compliance to specs and standards.
- EBA to provide project closeout services upon final completion by the general contractor.
- A project duration of 180 days as identified in the RFP documents has been used to calculate construction management & inspection services manhours.
- The fee proposal does not include hours required to provide any off-site plant inspection services for this project.

EBA's proposed budget to perform this task is $176,162.00. The attached worksheet was used to derive fees for this proposal. If you should have any questions, please do not hesitate to contact Pranoy Choudhury, CCM at 864-633-9140 or email pranoy.choudhury@ebaengineering.com.

Sincerely,
COO/Executive V.P.
EBA Engineering, Inc.

POWHATAN STREET BRIDGE REHABILITATION

CMI Services COST PROPOSAL 5.28.2025

DESCRIPTION	UNIT	RATE	AMOUNT
Full Time Inspection (Inspector)	1058 Hrs.	$91.00 / Hr.	$96,278.00
Full Time Inspection Overtime	50 Hrs.	$45.50 / Hr.	$2,275.00
Construction Management (CM)	353 Hrs.	$171.60 / Hr.	$60,574.80
Materials Technician	100 Hrs.	$65.00 / Hr.	$6,500.00
Soil /AggregateTesting			
Proctor	1 EA	$180.00	$180.00
Sieve Analysis	1EA	$85.00	$85.00
Attenberg	1EA	$85.00	$85.00
Moisture	5 EA	$16.00	$80.00
Nuclear Gauge	24 Days	$35.00	$840.00
Classification	1EA	$180.00	$180.00
Concrete Compressive Testing	12 EA	$120.00	$1,440.00
Asphalt Testing			
Specific Gravity	50 EA	$16.00	$800.00
Miscellaneous			
Mileage			
Inspector	360 Trips	$0.67	$5,049.38
Construction Manager	88 Trips	$0.67	$825.44
Field Testing Technician	50 Trips	$0.67	$469.00
Document Reproduction	LS	$500.00	$500.00
		Total	**$176,161.62**

MEMORANDUM

TO: Mayor Phelecia E. Nembhart and City Council Members
FROM: William Barclay
DATE: July 4, 2025
SUBJECT: New Carrollton Bridges Update

Dear Mayor Nembhart and City Council Members,

This memo is to give a status of all of New Carrollton's bridges and actions that we will have to develop over this next fiscal year so that we don't have the same situation as the Powhatan Bridge.

The City has 5 main roadway bridges and 1 pedestrian bridge that we need to give updates on. Below you will have the reports on the 3 major structures that the county inspects every 2 years. Our other 2 bridges will have to hire a bridge inspection firm to confirm the structure.

Qualified Bridge Inspection Firms- listing received from the County

City of New Carrollton Bridge Exhibit- Reviewed New Carrollton Bridges with the County. The County recommends that we have the minor structures inspected every 5 years.

Farmcrest Road, Pedestrian Bridge No 1214

- Because of the state of the bridge we had the County do an inspection results are noted below.

Observations:

- The overall condition of the bridge is in fair condition.
- The deck exhibits several holes which were noted in the 2017 inspection Report. The bridge decks exhibit several holes due to corrosion.

Recommendations:

- Install steel plates over the spots documented in the photos. This will keep the bridge safe until the bridge is replaced.
- Or close the bridge until the bridge is replaced.

Replacement

- We anticipate the advertisement date for this project sometime late 2027 or early 2028.

Prince Georges County Major Structures in New Carrollton

P-N-01 Powhatan St

- Prince George's County Inspection Report
- **Replace in process**
    - traffic plan meeting with Fort Myer on Wednesday, July 9th.
    - Demolition begins at 7am Wednesday, July 16th.

P-N-02 Lamont Dr

- Prince George's County Inspection Report **from January 6, 2023**

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2023 BRIDGE INSPECTION REPORT

Bridge No. P-N-02 Bridge Type TWO-CELL CORRUGATED S.P.P.A. Year Built 1970

Name LAMONT DRIVE Crossing TRIBUTARY TO BRIER DITCH Photos 31

Inspection Date 01/06/2023 Inspection Crew Thomas Schilpp; Jacob Mathias

BRIDGE INSPECTOR'S RECOMMENDATIONS FOR MAINTENANCE REPAIRS

	DESCRIPTION	COUNTY ITEM NUMBER	QUANTITY	UNIT COST	TOTAL COST
Immediate:					
1	Repair S.P.P.A. corrosion holes in both cells.	31	1 LS	$7000/LS	$7,000
	Subtotal (Immediate Items)				$7,000
Routine:					
1	Repair areas of section loss and loose post in the East Railing.	101	1 LS	$500/LS	$500
2	Replace the sidewalks over the culvert.	7	2060 SF	$14/SF	$28,840
	Subtotal (Routine Items)				$29,340
Preventative:					
1	Repair the undermining of the center footing at both ends of the culvert and the invert at the east end.	99	1 LS	$500/LS	$500
2	Seal the cracks in the roadway.	23	300 LF	$10/LF	$3,000
3	Patch void with undermining of the West Headwall adjacent to north side of Cell 1 and spalls on the East Headwall.	2	2 CY	$650/CY	$1,300
	Subtotal (Preventative Items)				$4,800
				Total:	$41,140

Immediate Repairs - Severe Defects that may affect the serviceability of the structure or are missing safety features that present a hazard to the public. Immediate repairs should be scheduled within 12 months of notification.

Routine Repairs - Moderate defects that do not presently affect the serviceability of the structure. Routine repairs should be scheduled, and given priority, within the current maintenance schedule.

Preventative Repairs - Minor defects that do not presently affect the serviceability of the structure. Preventative repairs should be scheduled within the current maintenance schedule.

P-N-03 Lamont Dr

Prince George's County Inspection Report **from January 5, 2023**

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2023 BRIDGE INSPECTION REPORT

Bridge No. P-N-03 **Bridge Type** TWO-CELL CORRUGATED S.P.P.A. **Year Built** 1970

Name LAMONT DRIVE **Crossing** BRIER DITCH **Photos** 35

Inspection Date 01/05/2023 **Inspection Crew** Thomas Schilpp; Jacob Mathias

BRIDGE INSPECTOR'S RECOMMENDATIONS FOR MAINTENANCE REPAIRS

	DESCRIPTION	COUNTY ITEM NUMBER	QUANTITY	UNIT COST	TOTAL COST
Immediate:					
1	Install object markers at the corners of the structure.	81	4 EA	$200/EA	$800
2	Install bridge railings that meet current SHA standards.	101	116 LF	$100/LF	$11,600
	Subtotal (Immediate Items)				**$12,400**
Routine:					
1	Seal cracks in the pavement and along the curbs over the culvert.		200 SF	$60/SF	$12,000
2	Clean and paint the areas of laminar corrosion for the S.P.P.A culvert.	74	100 SF	$20/SF	$2,000
3	Repair the spalls and replace the missing stone in the headwalls.	2	12 SF	$200/SF	$2,400
4	Repair the fractured, spalled, and undermined areas of the sidewalks.	7	1 LS	$1000/LS	$1,000
5	Repair fractured welds, tighten loose posts, reattach posts, repair areas of section loss in the bridge railings.	101	1 LS	$1000/LS	$1,000
6	Repair erosion adjacent to the Southwest Wing Wall.	99	1 LS	$500/LS	$500
7	Patch area of exposed mesh in the invert.	1	12 CF	$350/CF	$4,200
	Subtotal (Routine Items)				**$23,100**
Preventative:					
1	Repair spall in the top face at the east end of the south footing of Cell 2.	2	1 LS	$500/LS	$500
2	Seal the cracks in the sidewalks over the culvert.	7	30 LF	$30/LF	$900
3	Remove vegetation and debris from the channel and slope protection.	102	1 LS	$1000/LS	$1,000
	Subtotal (Preventative Items)				**$2,400**
				Total:	**$37,900**

Immediate Repairs - Severe Defects that may affect the serviceability of the structure or are missing safety features that present a hazard to the public. Immediate repairs should be scheduled within 12 months of notification.

Routine Repairs - Moderate defects that do not presently affect the serviceability of the structure. Routine repairs should be scheduled, and given priority, within the current maintenance schedule.

Preventative Repairs - Minor defects that do not presently affect the serviceability of the structure. Preventative repairs should be scheduled within the current maintenance schedule.

As we continue to work through our transparency concerns and infrastructure deficiencies we wanted to communicate this information to the Mayor, Council and Residents.

We are looking for the Council to give us what they want next steps to be since they control the budget.

Thank you for your consideration.