

**ERIE AREA COUNCIL OF GOVERNMENTS
JOINT BIDDING COMMITTEE
2021**

**BID # 2021 – 4
STREET & ROAD MAINTENANCE & PAVING MATERIALS**

**PLEASE CONTACT JESSICA HORAN-KUNCO WITH QUESTIONS
AT JHKUNCO@ERIEAREACOG.ORG
OR (814) 454-1770**

PROPOSAL FROM:

COMPANY: Cross Paving, LLC
ADDRESS: 8955 Wattsburg Road
Erie Pa 16509
CONTACT NAME: CHarles K Will
PHONE #: 814-739-9560
E-MAIL: crosspavingllc@yahoo.com
DATE: 4/05/2021

JOINT BIDDING SPECIFICATION

STREET & ROAD MAINTENANCE & PAVING MATERIALS

ERIE AREA COUNCIL OF GOVERNMENTS

JOINT MUNICIPAL BIDDING COMMITTEE

MARCH 24, 2021

Administered by:

Erie Area Council of Governments
150 East Front St.
Suite 300
Erie, PA 16507
814-454-1770
jhkunco@erieareacog.org

**ERIE AREA COUNCIL OF GOVERNMENTS
JOINT MUNICIPAL BIDDING COMMITTEE**

SPECIAL CONDITIONS

2021

STREET & ROAD MAINTENANCE & PAVING MATERIALS

General

Bids are requested for a variety of Superpave or Gyratory Wearing Course for **Albion Borough, the City of Erie, the Borough of Edinboro and the Townships of Franklin, Girard, Greene, Greenfield, Harborcreek, Lawrence Park, Summit, Union City and Venango;** with the same bid prices available to the following Erie Area Council of Government members and joint bidding participants: the Boroughs of Girard and Wesleyville, the Townships of Millcreek, LeBoeuf, and North East. Prices submitted through this joint bid process are for participants only.

The lowest responsible bidder shall be determined by the Municipalities calculating the lowest, combined, delivered, or picked up price for Superpave for Gyratory Wearing Course anticipated to be most commonly utilized by each Municipality during the contract time.

Bidders are to complete on the space provided in the Form of Proposals, the requested prices, for furnishing the materials specified in the Detailed Specifications for pick-up and delivered where indicated and a detailed explanation of and Proposed Alternatives.

Proposed Alternatives shall be evaluated as to its impact on the overall operation, performance, and completion of the work bid. Each Municipality shall determine whether the proposed alternatives are acceptable or not. All proposed alternatives shall be made in reference to the respective Detailed Specifications enclosed in this bid package. Bidders may attach additional detailed documentation.

BITUMINOUS HOT, WARM and COLD MIX MATERIALS

Bids for Superpave, Gyratory Wearing Course, Cold Mix Asphalt, shall each be quoted per ton F.O.B. loaded in Owners' trucks.

The estimated, combined, yearly volume of Materials required by the Municipalities follows:

<u>HOT MIX MATERIALS</u>	<u>Approximate Quantity in Tons</u>
9.5MM superpave	12,250
9.5 MM superpave with <u>Fiber reinforcement</u>	2,750
FJ1 Wearing Course	97
19MM Binder Course	5,150
19 MM Binder Course with <u>Fiber reinforcement</u>	1,000
25MM Binder Course	900
 <u>COLD PATCHING MATERIAL</u>	
Stockpile Patching Material	350
Special High Performance Cold Patch	435

**ERIE AREA COUNCIL OF GOVERNMENTS
JOINT MUNICIPAL BIDDING COMMITTEE**

2021

STREET & ROAD MAINTENANCE & PAVING MATERIALS

SPECIAL CONDITIONS

MISCELLANEOUS PROVISIONS

The material generally will be picked-up and loaded on Municipality-owned and/or leased trucks at the successful bidders plant site, as needed, anytime after April 30, 2021. In some cases delivery prices have been requested and are included on the Form of Proposal.

Award will be made to each Vendor. After award, a Municipal Official will issue a Field-Limited Purchase Order.

The Municipality normally will haul material from the source which is the lowest responsible cost to the Municipality after taking into consideration length of haul and dead haul.

However, in some instances, the Municipalities may select the most economical source based upon other consideration, such as differences in haul time due to terrain of urban congestion; length of wait at the source; cooling due to length of haul; crew productivity based on truck availability and haul distance.

Details of such transactions shall be the responsibility of the Municipal Officials, will be on file at the Municipality's Street or Roads Department and are subject to review by any awarded vendor on this Contract.

The bidders shall be responsible for submitting bids that will conform to all existing Municipality, State and other Governmental Regulations.

PERIOD OF CONTRACT

Resulting contract shall remain in effect until April 30, 2022. The Municipalities reserve the right to extend this contract for any additional one (1) year period provided the successful bidder submits a letter of intent sixty (60) days prior to the contract expiration date and bid prices remain in effect for the additional period.

**ERIE AREA COUNCIL OF GOVERNMENTS
JOINT MUNICIPAL BIDDING COMMITTEE**

SPECIAL CONDITIONS

2021

STREET & ROAD MAINTENANCE & PAVING MATERIALS

***Bid Security shall be 5% of the Total Bid Price** in the form of a Bid Bond or Certified check and made payable to the Erie Area Council of Governments.

ESCALATOR CLAUSE

Unless otherwise qualified, the bidder agrees that the price quoted is maximum for the amount formulated from this enquiry, and in the event of a price increase or should the bidder at any time during the life of said contract increase the price quoted on any materials, such as Superpave or Gyratory Wearing Course, such price increases will be reviewed by the Commonwealth of Pennsylvania, Department of Transportation, Bureau of Municipal Services Field Auditors to determine if the Municipalities have obtained the proper justification from the successful bidder.

ADDITIONAL INFORMATION

If you require additional information regarding these Special Conditions please contact:

Albion Borough: Gary Wells (814) 756-3660
City of Erie: Chuck Zysk (814) 870-1454
Edinboro Borough: Chris Motter: (814) 923-3519
Franklin Township: Ramona Junkins (814) 734-3521
Girard Township: Ray Branthoover (814) 860-1335
Greene Township: John Bartnicki (814) 825-3347
Greenfield Township: Renee Wagner (814) 725-9110
Harborcreek Township: Tim May (814) 899-3171
Lawrence Park: Ricky Watkins (814) 899-2305
North East Township: Gus Neff (814) 725-8606
Summit Township: Mark Welka (814) 450-3200
Union City Borough: Bob Phillips (814) 438-2331
Venango Township: Dean Curtis (814) 881-1179

ERIE AREA COUNCIL OF GOVERNMENTS
JOINT MUNICIPAL BIDDING COMMITTEE
2021

STREET & ROAD MAINTENANCE & PAVING MATERIALS

DETAILED SPECIFICATIONS

All materials must be furnished from a source approved by PennDot, Materials and Testing Division.

Vendors may attach product specification sheets.

HOT MIX MATERIALS

9.5MM SUPERPAVE WEARING COURSE

The Bituminous Surface Course 9.5MM Wearing Course shall conform, in all respects, to requirements as enumerated in the most current edition of PennDot Publication 408 Section 409.

413

9.5 MM SUPERPAVE WITH FIBER REINFORCEMENT

Fiber material shall conform with Penn Dot Bulletin 15 Section 409 and any other publications.

413

FJ1 WEARING COURSE

The FJ1 Wearing Course shall conform in, in all respects, to requirements as enumerated in the most current edition of PennDot Publication 408 Section 422, Item Number 0422-0301.

19MM AND 25MM BINDER COURSE

The Bituminous Surface Course 19MM and 25MM Binder, furnished by the Successful Bidder, shall conform in all respects to the requirements as enumerated in the most current edition of PennDot Publication 408, Section 409.

NOTE: Pricing on Virgin Materials has been requested by the City of Erie and should be included on your proposal in the space provided.

9.5MM WEARING COURSE

The Bituminous Surface Course 9.5MM Wearing Course shall conform in all respects to requirements as enumerated in the most current edition of PENNDOT Standard Special Provisions, Sequence ID: 411, Version B.

**ERIE AREA COUNCIL OF GOVERNMENTS
JOINT MUNICIPAL BIDDING COMMITTEE
2021**

STREET & ROAD MAINTENANCE & PAVING MATERIALS

DETAILED SPECIFICATIONS

COLD PATCHING MATERIAL

The Bituminous Stockpile Patching Material shall conform to Penn Dot Publication 408 latest edition and all supplements thereto, including "Specifications for Bituminous Materials," Bulletin 25; or "Specification for Bituminous Mixture," Bulletin 27 Sections 485 and 486, or special Bituminous Patching Materials as listed in Bulletin 15, Miscellaneous section: "Special Bituminous patching materials."

Fiber Reinforcement for Asphalt Paving

This additive is requested for 1000 Tons of Virgin 9.5 MM, 1000 Tons of 9.5 mm rap and 1000 tons of 19 mm binder for the City of Erie and 1000 ton of 9.5 mm for Greene Township and 750 tons of 9.5 mm for Harborcreek. Prices requested per ton for the 9.5 mm and 19 mm with fiber additive.

Please provide price total of 9.5 MM/ 19 mm product with fiber additive included.

Detailed specifications for fiber additive below on pages 15 - 17.

Usage

These Materials shall be used during the road maintenance, repair, reclaiming/recycling process and also for patching.

Superpave 9.5MM Wearing Course shall be batched into Municipal Trucks as needed. This material will be used daily in One (1) to Four (4) Ton Batches and approximately Ten (10) Tons per day will be used, providing the weather permits for such operations. Material shall be as hot as the Specifications will allow the heat to be.

SECTION 02512 – FIBER REINFORCEMENT FOR ASPHALT PAVING

PART 1 - GENERAL

1.1 Section Includes

- A. Fiber reinforcement for asphalt cement concrete

1.2 Related Sections

- A. NA
- B. NA

1.3 References

- A. American Society for Testing and Materials (ASTM)
 - 1. To be determined or from other sections reference
- B. National Asphalt Paving Association
 - 1. To be determined or from other sections reference

1.4 Submittals

- A. Submit copies of manufacturer's literature for fibers including:
 - 1. Product data
 - 2. Brochures
 - 3. Written instructions to suppliers
 - 4. Written instructions to installers
 - 5. Material Safety Data Sheets (MSDS).
- B. Submit copies of a certificate prepared by asphalt material supplier, under provisions of Division 01, stating that the specified fibers were added to each batch of asphalt delivered to the project site. Each certificate should be accompanied by one copy of each batch delivery ticket indicating product name, manufacturer and quantity of fiber-reinforcement added to each asphalt load.

1.5 Quality Assurance

- A. Fiber manufacturer to provide technical assistance from design through construction for use of fiber reinforcement.

1.6 Delivery, Storage, and Handling

- A. Deliver fiber-reinforcement in sealed, undamaged containers with labels intact and legible, indicating material name and lot number.
- B. Deliver fiber-reinforcement to location where it will be added to each batch or loaded into the mixer.
- C. Store materials covered and off the ground. For ease of handling, do not allow boxes to become wet.

PART 2 - PRODUCTS

2.1 Manufacturer

- A. FORTA Corporation
100 FORTA Drive
Grove City, PA 16127

(800) 245-0306
www.fortacorp.com
www.forta-fi.com

B. Or approved equal.

2.2 Materials

- A. FORTA-FI® (HMA, WMA, PAT) fiber reinforcement with virgin polyolefins and virgin aramids or approved equal.
- B. Fiber Reinforcement: FORTA-FI® fibers or approved equal with the following typical physical properties:
 - 1. Nominal Specific Gravity (Bulk Relative Density): 0.91 and 1.44
 - 2. Nominal Material Types: Virgin Polyolefins and Virgin Aramid
 - 3. Maximum Length: 1.5 inches
 - 4. Match fiber blend of materials to application installation types:
 - i. Hot Mix Asphalt is designated blend HMA,

2.3 Batching and Mixing

- A. To avoid the formation of fiber balls or not mixed fibers, add sealed plastic bags of fibers into the mixer.
- B. Add fiber-reinforcement at 1.0 pound per ton.
- C. Order product for Pug Mill Mixers for minimum batch size regarding tons per batch to pounds per bag of product.
- D. Order product for Drum Type Mixers and the anticipated production rate of tons per hour (typically seconds per ton, dosage timing) regarding 1-pound per bag of product.
- E. Order fiber reinforcement materials for 1 pound per ton of asphalt materials and allowing for overages, mock-ups, production, and occasional errors based on your experience.

2.4 Pug Mill Mixers and Mixing Operations

- A. Ensure adequate start, stop, and dosage change information is easily communicated between batch control operations and fiber addition activities.
- B. Add complete bags of fibers just before aggregate is discharged into the pug mill mixer.
- C. Immediately before or immediately after the dried aggregate is added to the pug mill, the bags of fibers should be added and discharged into the pug mill with the aggregate.
- D. Add complete bags of fibers at the general nominal batch size agreed to by operations and mixture design specifications.
- E. Do NOT open the bags and add or discharge into the pug mill.
- F. Dry mixing proceeds for the standard length of time as specified in the mixture design specifications.
- G. The proper quantity of bitumen (asphalt cement, liquid) is added to the pug mill and wet mixing proceeds for the standard length of time as specified in the design mixture specifications.
- H. The asphalt batch is accumulated and discharged normally.
- I. The asphalt batch is discharged to a haul vehicle or storage.

2.5 Drum Type Mixers and Mixing Operations

- A. Ensure adequate start, stop, and rate change information is easily communicated between drum control operations and fiber addition activities.

EACOG Joint Municipal Bid
Detailed Specifications Fiber Reinforcement Page 3

The Pennsylvania State University
University Park

University Drive Extension Phase II
PSU Project #09-09349.03

- B. Add complete bags of fiber at a point in the mixing process after fines collection and before the addition of liquid asphalt.
- C. Add fibers after the fines collection to ensure the fibers do not clog filters.
- D. Add fibers before the liquid asphalt addition.
- E. Add complete bags of fibers at the general nominal rate agreed to by operations and mixture design specifications.
- F. Do NOT open the bags at any point in the loading process.
- G. Mixing should proceed for the standard length of time as specified in the mixture design specifications.
- H. The proper quantity of bitumen (asphalt cement, liquid) is added to the drum and wet mixing proceeds for the standard length of time as specified in the mixture design specifications.
- I. The asphalt batch is accumulated and discharged normally.
- J. The asphalt batch is discharged to a haul vehicle or storage.

PART 3 - EXECUTION

3.1 Placement

- A. Discharge fiber reinforced asphalt cement concrete into locations as directed and in accordance with the project.
- B. Place asphalt cement concrete in accordance with provision of other Sections and with additional instructions as follows.
- C. Avoid over-using long tine rakes or other tools that will align fibers or disrupt the homogeneous, uniform 3-dimensional, fiber dispersion when moving asphalt cement concrete.
- D. Using a lute, "come along", or a flat tined pitch-fork (potato-fork) may be useful for moving asphalt cement concrete.
- E. Remove any observed fiber balls from mixture if they occur.
- F. Adjust operations regarding any observed fiber balls.

3.2 Compaction

- A. Verify timing for initial and final compaction on more than a visual determination.
- B. Hand Compaction/Finishing: use appropriate tools as required.

END OF SECTION

**ERIE AREA COUNCIL OF GOVERNMENTS
JOINT MUNICIPAL BIDDING COMMITTEE**

**FORM OF PROPOSAL
2021**

STREET AND ROAD MAINTENANCE MATERIALS

I/We have investigated the availability of the specified materials and agree to furnish F.O.B. (and an optional delivery price) all the specified materials at the following prices:

**UNIT PRICE PER TON
PICKED-UP AND LOADED ON MUNICIPAL TRUCKS**

HOT MIX

	<u>RAP MATERIAL</u>	<u>VIRGIN MATERIAL</u>
9.5MM superpave Wearing Course	\$ <u>No Bid</u>	\$ <u>64.50</u>
9.5 MM <u>with Fiber Reinforcement</u>	\$ <u>No Bid</u>	\$ <u>72.50</u>
FJ 1 Wearing Course	\$ <u>No Bid</u>	\$ <u>No Bid</u>
19MM Binder Course	\$ <u>No Bid</u>	\$ <u>60.30</u>
19 MM Binder <u>w/Fiber Reinforcement</u>	\$ <u>No Bid</u>	\$ <u>68.30</u>
25MM Binder Course	\$ <u>No Bid</u>	\$ <u>57.00</u>

Cold Patching Material \$ No Bid

High Performance Patching Material \$ No Bid

Pick up location: 11620 Lake Pleasant Road
Union City, Pa 16438

OPTIONAL-DELIVERY PRICE: To the following Bidders Sites:

<u>MUNICIPALITY:</u>	price per ton	<u>FJ 1</u>	<u>COLD PATCH</u>
Franklin Township 10411 Rt. 98 Edinboro, PA 16412	approx. 22 tons	\$ <u>No Bid</u>	approx. 175 tons \$ <u>No Bid</u>
Girard Township 10140 Ridge Rd. Girard, PA 16417			approx. 25 tons \$ <u>No Bid</u>

**ERIE AREA COUNCIL OF GOVERNMENTS
JOINT MUNICIPAL BIDDING COMMITTEE
FORM OF PROPOSAL
2021**

Accompanying this Proposal is a certified check or bid bond (circle one) in the amount of 5% dollars (\$) made payable to the Erie Area Council of Governments, Erie, Pennsylvania, which is agreed, shall be retained as liquidated damages by the Erie Area Council of Governments if the undersigned fails to execute a Contract in conformity with the Contract Documents and furnish any specified bonds within ten (10) days after notification of award of the Contract to the undersigned. It is agreed that this Proposal may not be withdrawn for a period of sixty (60) days from the opening thereof.

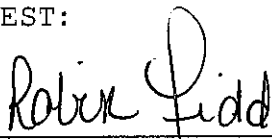
I/We hereby certify that I/we have read, understand, and agree to all the conditions outlined in the Solicitation of Bids, Instructions to Bidders, Special Conditions, Detail Specifications, and all other parts of the Bid Documents. I am/We are the only person(s) interested in the Proposal as principal(s). This Proposal is made without collusion with any person, firm or corporation.

Company Cross Paving, LLC

Address 8955 Wattsburg Road

Erie Pa 16509

ATTEST:



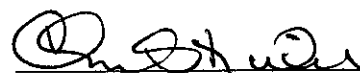
Robin Tidd

Office Secretary

(Title)

Phone 814-739-9560

E-Mail crosspavingllc@yahoo.com

Signed 

Name Charles K Will

Title (Type or Print)
Managing Partner

(SEAL)

Date 4/5/2021

ERIE INSURANCE COMPANY

BID BOND

Know All Men by These Presents,

Bond No. AA1553-04062021-4

That we, CROSS PAVING LLC
(hereinafter called the Principal) as Principal and the ERIE INSURANCE COMPANY, of Erie, Pennsylvania, a corporation duly organized under the laws of the State of Pennsylvania, (hereinafter called the Surety),

as Surety, are held and firmly bound unto ERIE AREA COUNCIL OF GOVERNMENTS.

.....hereinafter called the Obligee in the full and just sum of 5% OF BID

.....Dollars, (\$.....),
good and lawful money of the United States of America, to the payments of which sum of money well and truly to be made, the said Principal and Surety bind themselves, their and each of their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Signed, sealed and dated this 6TH day of APRIL, A.D. 2021
Year

THE CONDITION OF THIS OBLIGATION IS SUCH: That, if the Obligee shall make any award within 60 days to the Principal for MATERIAL PICKUP

.....
according to the terms of the proposal or bid made by the Principal therefor, and the Principal shall dully make and enter into a contract with the Obligee in accordance with the terms of said proposal or bid and award and shall give bond for the faithful performance thereof with the Surety or Sureties approved by the Obligee; or if the Principal shall, in case of failure so to do, pay the Obligee the damages which the Obligee may suffer by reason of such failure, not exceeding the penalty of this bond, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect.

In Testimony Whereof, the Principal and Surety have caused these presents to be duly signed and sealed.

CROSS PAVING LLC
Principal.

DocuSigned by:
Witness: Joan Carneval
410D86B89BD8468...

DocuSigned by:
By: Deborah Will
41F9C48D06EF447...

DocuSigned by:
Witness: Joan Carneval
410D86B89BD8468...

ERIE INSURANCE COMPANY
DocuSigned by:
By: Maureen C. Hamer
5247143AFE7456
Attorney-in-Fact



Erie
Insurance

LIMITED POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That ERIE INSURANCE COMPANY, a corporation duly organized under the laws of the Commonwealth of Pennsylvania, does hereby make, constitute and appoint _____

----- William J. Wisniewski, Erik D. Cronk, Laurie W. Weed, Joan M. Carneval and Mark C. Kramer -----

individually, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed; any and all bonds and undertakings of suretyship, -----

----- each in a penalty not to exceed the sum of five hundred thousand dollars (\$500,000.00). -----

And to bind ERIE INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by the appropriate officer of ERIE INSURANCE COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

The Power of Attorney is granted under and by authority of the following Resolutions adopted by the Board of Directors of ERIE INSURANCE COMPANY on the 2nd day of September, 2016, and said Resolutions have not been amended or repealed:

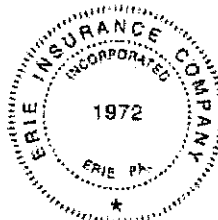
"RESOLVED, that the Chief Executive Officer, or any Senior Vice President or Vice President shall have power and authority to: (a) Appoint Attorney(s)-in-Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and, (b) Remove any such Attorney-in-Fact at any time and revoke the power and authority given to him or her.

RESOLVED, that Attorney(s)-in-Fact shall have power and authority, subject to the terms and limitations of the Power of Attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

This Limited Power of Attorney is signed and sealed by facsimiles under and by virtue of the following Resolution adopted by the Board of Directors of ERIE INSURANCE COMPANY on the 2nd day of September, 2016, and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of Timothy G. NeCastro, as Chief Executive Officer of the Company, and the Seal of the Company may be affixed by the following facsimiles on any Limited Power of Attorney for the execution of bonds, undertakings, recognizances, contracts and other writings in the nature thereof, and the signature of Brian W. Bolash, as Secretary, of the Company, the Seal of the Company, the signature of Sheila M. Hirsch, as Notary Public, and her notarial seal, may also be affixed by the following facsimiles to any certificate or acknowledgment of any such Limited Power of Attorney, and only under such circumstances shall said facsimiles be valid and binding on the Company."

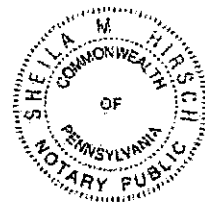
IN WITNESS WHEREOF, ERIE INSURANCE COMPANY has caused these presents to be signed by its Chief Executive Officer, and its corporate seal to be hereto affixed this 18th day of October, 2016.



Timothy G. NeCastro
Timothy G. NeCastro
Chief Executive Officer

COMMONWEALTH OF PENNSYLVANIA } ss.
COUNTY OF ERIE

On this 18th day of October, 2016, before me personally came Timothy G. NeCastro, to me known, who being by me duly sworn, did depose and say: that he is Chief Executive Officer of ERIE INSURANCE COMPANY, the corporation described in and which executed the above instrument; that he knows the Seal of said corporation; that the Seal affixed to the said instrument is such corporate Seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



Sheila M. Hirsch
My commission expires June 27, 2020
Notary Public

CERTIFICATE

I, Brian W. Bolash, Secretary of ERIE INSURANCE COMPANY, do hereby certify that the original LIMITED POWER OF ATTORNEY, of which the foregoing is a full, true and correct copy, is still in full force and effect as of the date below.

In witness whereof, I have hereunto subscribed my name and affixed corporate Seal of the Company by facsimiles pursuant to the action of the Board of Directors of the Company.



Brian W. Bolash
Brian W. Bolash, Secretary

this 6TH day of APRIL 2021

SF57 9/16