

**A RESOLUTION OF THE TOWNSHIP COUNCIL OF NORTH BRUNSWICK  
AUTHORIZING A CHANGE IN SCOPE TO  
THE PROFESSIONAL SERVICE AGREEMENT WITH CME ASSOCIATES  
APPOINTED AS THE 2021 TOWNSHIP CONSULTING ENGINEERING FOR THE  
NASSAU STREET DRAINAGE ANALYSIS**

**WHEREAS**, the Township is the owner and operator of its municipal stormwater distribution system which includes pipe lines at the intersection of Nassau Street and Remsen Avenue; and

**WHEREAS**, currently in this area water is unable to properly infiltrate the soil leaving the water pooled at the surface creating a hazardous condition; and

**WHEREAS**, there is a need to determine the extent of stormwater improvements necessary in this area in order for water to adequately percolate down into the stormwater system; and

**WHEREAS**, CME Associates has been requested to provide a proposal for services associated with an analysis of the area; and

**WHEREAS**, in January of 2021, pursuant to Resolution 10-1.21, CME Associates, of 3141 Bordentown Avenue, Parlin, NJ 08959, was authorized to provide engineering consulting services for calendar year 2021, as awarded under a fair and open contract process, pursuant to the provisions of N.J.S.A. 19:44A-20.1 et seq.; and

**WHEREAS**, CME Associates current agreement includes the following:

→ General engineering services in an amount not-to-exceed \$100,000.00,

Amendment 1 → Professional services associated with the Mile Run Interceptor Rehabilitation Project, in the amount of \$143,434.00,

Amendment 2 → Construction phase services associated with the Livingston Avenue Sewer Line Replacement Project for an estimated cost not-to-exceed \$216,000.00,

Amendment 3 → Water Infrastructure Needs Survey, in the amount of \$4,925.00,

Amendment 4 → Alternatives Analysis for the Water Treatment Plant Process, with a cost in the amount of \$14,952.00,

Amendment 5 → Construction Phase Services for the 2021 Road Program based upon the April 19, 2021 proposal, for an amount not-to-exceed \$374,170.00,

Amendment 6 → Construction Phase Services associated with the Livingston Avenue Water Line Replacement Project for an estimated cost not-to-exceed \$439,671.00; and

Amendment 7 → General engineering services in an amount not-to-exceed \$50,000.00; and

Amendment 8 → Construction Phase Services associated with the Mile Run Interceptor Rehabilitation Project for an estimated cost not-to-exceed \$178,980.00, and a revised contract authorization amount of \$1,522,132.00.

**WHEREAS**, compensation for requested services associated with a stormwater analysis of the intersection of Nassau Street and Remsen Avenue shall be based upon the August 13, 2021 proposal submitted by CME Associates, to be paid upon submission of monthly invoices, with an amount not-to-exceed \$20,762.00, and a revised contract authorization amount of \$1,542,894.00.

**NOW, THEREFORE, BE IT RESOLVED** on this 18<sup>th</sup> day of October 2021, that the Township Council of the Township of North Brunswick does hereby authorize the Mayor to execute and the Township Clerk to witness an amendment to the current agreement with CME Associates, to include a stormwater analysis of the intersection of Nassau Street and Remsen Avenue shall be based upon the August 13, 2021 proposal with an estimated cost not-to-exceed \$20,762.00, and a revised contract authorization amount of \$1,542,894.00.

**BE IT FURTHER RESOLVED** notice of this action shall be published in the Home News & Tribune as required by law within 10 (ten) days after its passage

**CERTIFICATION**

I, Cavel Gallimore, Chief Financial Officer of the Township of North Brunswick, hereby certify that funds in the following account totaling \$178,980.00 are available under Contract PRO21055:

\$20,762.00 are available in the FY2021 Sewer Capital 20-08 account C-08-55-C20-200-901

\_\_\_\_\_  
Cavel Gallimore  
Chief Financial Officer

\_\_\_\_\_  
Eric Chaszar  
Director of Public Works

\_\_\_\_\_  
Justine Progebin  
Business Administrator

\_\_\_\_\_  
Ronald Gordon, Esq.  
Township Attorney  
Approved as to legal form

**RECORDED VOTE:**

COUNCIL MEMBER	YES	NO	ABSTAIN	NOTES
MEHTA				
LOPEZ				
GUADAGNINO				
ANDREWS				
DAVIS				
SOCIO				
MAYOR WOMACK				

I hereby certify that the above Resolution was duly adopted by the Township Council of the Township of North Brunswick, County of Middlesex, at its meeting held on October 18, 2021.

\_\_\_\_\_  
Lisa Russo  
Township Clerk



JOHN H. ALLGAIR, PE, PP, LS (1983-2001)  
DAVID J. SAMUEL, PE, PP, CME  
JOHN J. STEFANI, PE, LS, PP, CME  
JAY B. CORNELL, PE, PP, CME  
MICHAEL J. McCLELLAND, PE, PP, CME  
GREGORY R. VALES, PE, PP, CME

TIM W. GILLEN, PE, PP, CME (1991-2019)  
BRUCE M. KOCH, PE, PP, CME  
LOUIS J. PLOSKONKA, PE, CME  
TREVOR J. TAYLOR, PE, PP, CME  
BEHRAM TURAN, PE, LSRP  
LAURA J. NEUMANN, PE, PP  
DOUGLAS ROHMEYER, PE, CFM, CME  
ROBERT J. RUSSO, PE, PP, CME  
JOHN J. HESS, PE, PP, CME

August 3, 2021

Mr. Michael Hritz  
Director of Community Development  
Township of North Brunswick  
710 Hermann Road  
North Brunswick, NJ 08902

**Re: Proposal for Professional Engineering Services for the  
Nassau Street Drainage Analysis  
North Brunswick Township  
Our File No. PNO00517.01**

Dear Mr. Hritz:

Thank you for considering our Firm and allowing us to submit our Proposal for the above referenced work. We understand that the Scope of Services is to determine the extent of storm sewer improvements necessary on Nassau Street in order to collect water that currently surfaces approximately 760 feet east of the Nassau Street and Remsen Avenue intersection. Representatives from our office have visited the site, and have reviewed site specific information from available sources in order to familiarize ourselves with the existing drainage conditions.

#### Scope of Services

We understand that the proposed Scope of Services generally includes the following:

- Survey of roadway, including as-builts of existing storm, sanitary, and other utilities for the following roads:
  - Nassau Street – From intersection with Remsen Avenue to a point approximately 850 feet east of same; and
  - Remsen Avenue – Between intersections with Nassau Street and Trinity Street.
- Preparation of hydrologic stormwater runoff analysis and hydraulic capacity analysis for the existing storm sewer system on the roads listed above as well as for the proposed improvements.
- Preparation of a Report that includes: a summary of our findings, recommendations to be considered for drainage improvements on Nassau Street, and the preparation of order of magnitude cost estimates for Engineering Design and Construction associated with the recommended storm sewer system improvements.



Mr. Michael Hritz  
Director of Community Development  
Re: Proposal for Professional Services for the  
Nassau Street Drainage Analysis

August 3, 2021  
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Professional Services associated with the Nassau Street Drainage Analysis will consist of the following:

A. Survey and Base Mapping

1. Establish a balanced control survey, traverse, line with recoverable ties. Basis of the horizontal and vertical control will be the New Jersey State Plane Coordinate System, NAD 1983 U.S. Survey Foot, and NAVD 1988, respectively. Permanent points (Capped Rebar, PK Nails, etc.) will be set along the control line. A minimum of three (3) horizontal and vertical control points will be established along the project limits. GPS methodology will be used to establish horizontal and vertical control.
2. Preparation of a Topographic Plan showing natural and manmade features, including: existing above and, where possible, underground utilities, survey traverse line, spot elevations and contours at an interval of 1.00-foot within and adjacent to the project limits only. Topographic plan will be compiled from field locations and edits. Plan will be drafted at a scale of 1" = 30'.
3. The bandwidth for the topographic mapping shall be 60-feet centered about the design road.
4. As-builts of existing utilities will be prepared to support the design process, where necessary.
5. Private property or public right-of-way lines in the immediate vicinity of the proposed improvements, shall be based upon filed maps, found property corners and Tax Map information.

B. Stormwater Runoff Analyses

In order to analyze the existing drainage patterns and storm sewer system, we intend to utilize the above described as-built information of the storm sewer system and topographic mapping of the area. A hydrologic analysis of the existing contributory drainage areas on Nassau Street within the analysis limits will be evaluated, and will be utilized to determine the extent of the storm sewer improvements. We understand based on what has been provided to our office from the Township that storm sewer inlet(s) need to be set at the location of the surfacing water in order to capture same. It should be noted that Nassau Street for approximately 1,300 linear feet (between Remsen Avenue and Plum Street) has no storm sewer. Accordingly, the system will be evaluated to accommodate the flows and future extension of the system to the east.



Mr. Michael Hritz  
Director of Community Development  
Re: Proposal for Professional Services for the  
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C. Preparation of Report and Estimates

We will prepare a Report that describes the existing drainage conditions, identifies areas of concern within the defined analysis limits, recommends potential roadway and/or storm sewer improvements for Township consideration, and provides order of magnitude cost estimates for Engineering Design and Construction for the recommended storm sewer system improvements.

Accordingly, based upon the above outlined Scope of Services, we can provide our Professional Engineering Services for a fee not to exceed **\$20,762.00**.

We trust that the information contained herein addresses your requirements. Should you have any questions or comments regarding any portion of this Proposal, please do not hesitate to contact this office. Thank you again for permitting our Firm to submit this Proposal, as we look forward to serving North Brunswick Township on this project.

Very truly yours,  
**CME Associates**



Michael J. McClelland, P.E.  
Township Engineer

MJM/LP/sb  
Enclosures

cc: Scott Kunz, Engineering Project Manager  
Justine Progebin, Interim Business Administrator