

QUALIFICATIONS STATEMENT

Presented To



CONSTRUCTION INSPECTION SERVICES For The REPLACEMENT of BUNKER HILL ROAD BRIDGE



February 2024

**Wengell, McDonnell & Costello
⌘ Consulting Engineers ⌘**

February 22, 2024

Phone: (860) 667-9624

Fax: (860) 665-1551

Mr. Jeffrey Maguire, First Selectman
Town of Andover
17 School Road
Andover, CT 06232

Re: **Replacement of the Bunker Hill Road Bridge- *Construction Administration and Inspection***
Our Reference No. 24024

Dear Mr. Maguire:

Wengell, McDonnell & Costello, Inc. (WMC) respectfully requests the Town's consideration of this Qualifications Statement to provide construction administration and inspection services. WMC's proposed staff for this project has significant and specific expertise in construction inspection of bridge replacement projects in compliance with the ConnDOT and municipal requirements. Having excellent availability of an inspection team whom have recently performed similar services, we feel that WMC offers:

- **Recent Construction Engineering Experience with ConnDOT funded bridge projects.** WMC has performed construction administration and inspection on over 80 ConnDOT funded Federal Local Bridge Program bridges. **These projects have been completed on-time and within budget and several were designed by others.** Our construction administration team is made up of engineers and construction administration personnel with many years of experience with municipal projects;
- **Highly Experienced Office Construction Administrator and Chief Inspector.** Our proposed team for this project includes Kegan Elder, P.E., with over 25 years of experience or Matthew Remchuk, NICET IV assigned as Construction Administrators and either Peter Bracket, NICET III or William O'Keefe, NICET III, with over 20 years of experience each and approved by ConnDOT as Chief Inspectors. Mr. Bracket has served in this capacity over the last year for bridge projects funded by ConnDOT for Stamford and Bristol, while Mr. O'Keefe has recently served as Chief Inspector for bridges in Granby and Weston. Our inspection team is not only experienced in the technical aspects of municipal bridge improvements, but is extremely good at working closely with affected property owners and the public, to ensure that their concerns are addressed in a timely manner;
- **Complete Familiarity with ConnDOT Funded Improvements, Techniques and Methods** as we have overseen construction of over 200 bridge projects funded under ConnDOT's programs, utilizing a variety of construction techniques. This experience will help ensure that the Town obtains the best possible project that will be an asset to the Town for years to come.
- **Knowledge of This Project** as we have designed and overseen construction of several similar bridges for area towns such as Coventry, Chaplin and Eastford, have reviewed the plans and have visited the project area.

WMC is a Connecticut based, Professionally Licensed, fully insured corporation. The firm was founded over 35 years ago on the principle of providing a high level of professional, client-oriented service to municipalities.



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Our staff of over twenty-five professionals, including 10 Professional Engineers and a Licensed Land Surveyor, specializes in infrastructure improvement projects related to the design and construction engineering of highway and bridge improvements. WMC currently has excellent availability of highly qualified, ConnDOT approved Chief Inspectors. We have included our proposed inspectors' resumes as well as our proposed construction administration team, with this Qualifications Statement. These individuals are all highly experienced with municipal and DOT projects, and in particular with bridge improvements, construction survey, M&P of traffic, environmental issues related to construction, and most importantly with ConnDOT's construction policies and procedures.

For this assignment, administrative matters related to grant reimbursements to the Town by ConnDOT would be overseen by Jay Costello, P.E., while the Construction Coordinator and Chief Inspector will oversee and be responsible for other WMC personnel that may be assigned to the project. **Our proposed Chief Inspectors are NICET III qualified inspectors with over 20 years of experience.** Other personnel that may be required include clerical and administrative staff. The Chief Inspector will report directly to the Town's designated staff member. The field staff will be supported by WMC's office staff, as required and approved by the Town. The following support staff would assist our inspector: Jay Costello, P.E. with over 40 years of design and construction management experience, Stephen McDonnell, P.E. with over 45 years of construction management experience and Keegan Elder, P.E. with over 25 years of experience.

In summary, WMC will provide the Town with:

- **Highly Experienced Chief Inspector and Construction Administrator;**
- **Construction Inspection Expertise with ConnDOT Funded Bridge Projects;**
- **Specific Experience in keeping the affected public informed and their concerns addressed;**
- **Experience with typical municipal policies and procedures;**
- **A no-cost peer review of the project plans and specifications; and**
- **Our Commitment to meeting the requirements of the Town of Andover.**

Should you have any questions concerning this Qualifications Statement, please do not hesitate to contact us. We would be pleased to meet with the Town to present our team and our approach to this assignment.

Sincerely,
Wengell, McDonnell & Costello

A handwritten signature in blue ink, appearing to read 'S. McDonnell', is written over the company name.

Stephen R. McDonnell, P.E.
Vice President

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For The
REPLACEMENT Of The BUNKER HILL ROAD BRIDGE**



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Section I



GENERAL INFORMATION ON THE FIRM

Tax Identification Number: 061225842

Financial Stability: WMC has been in business for over 35 years and the firm has never filed for any bankruptcy or had any other financial issues or concerns. We are currently providing service to the Town of Fairfield on two bridge projects. If selected for this assignment, WMC will gladly provide any financial information or data required by the Town.

Firm Contact Person

Stephen R. McDonnell, P.E.
Wengell, McDonnell & Costello, Inc.
87 Holmes Road
Newington, CT 06111

Phone: (860) 667-9624
Fax : (860) 665-1551
e-mail: smcdonnell@wmcengineers.com

Nature of the firm's principal business

The firm specializes in municipal and State infrastructure improvement projects related to roadway, sidewalk, greenway, highway, bridge, dam and flood protection construction. Additionally, the firm performs computer mapping assignments, water supply, sewage disposal and solid waste/recycling projects.

Founded over 35 years ago in 1988, WMC is a Connecticut Corporation, privately owned consulting organization providing a full range of services to government, private and industry clients throughout the state. The firm has a full time staff of over 25 professionals including 10 Professional Engineers and a Licensed Land Surveyor. The firm is a certified small business enterprise (SBE). The principals of the firm represent over 120 years of project management experience on assignments ranging from feasibility studies to construction management of multi-million dollar projects.

Technical excellence and competence are first and foremost at WMC and we have been able to merge this philosophy with an exceptional blend of interpersonal relations and management skills. A philosophy reflected in the fact that each and every assignment is performed with the direct involvement of a principal of the firm.

Since our formation, WMC has earned a reputation for engineering excellence, innovation and for completing projects on time and within budget. We are particularly sought by municipalities, State agencies and private clients for our community relations skills and for our sensitivity to local issues.

Our multi-disciplined capabilities include structural, civil, environmental, sanitary, geotechnical and construction management personnel along with specialists in quality assurance, public presentations and computer systems. Other specific expertise available from WMC includes surveying, and pre-design subsurface utility location engineering.



GENERAL INFORMATION ON THE FIRM

WMC has performed over 50 bridge design and construction assignments for municipal clients throughout Connecticut over the last ten years, most of which were funded through the Connecticut DOT's STP, Local Bridge Program and through the Federal Local Bridge Program. These projects have ranged from inspections and evaluations through survey, design, permitting and construction supervision. Where construction was involved, permits through the Connecticut DEEP Flood Management and Fisheries, Army Corps of Engineers and local wetlands commissions were obtained by WMC. For the majority of these assignments, WMC has provided full construction administration services, handling all aspects of the project on behalf of our clients.

Every one of these projects were completed on-time, within budget and to our client's complete satisfaction. We encourage the Town to contact the references included with this Qualifications Statement, to confirm the level of services that we will provide the Town.

We do not believe that any other consulting engineer in the State has the wealth of experience in ConnDOT funded, municipally owned road and bridge projects that WMC possesses, and this experience will translate into a cost effective project that will serve the Town well for years to come.

The same project team members proposed for this project performed many of these past assignments, and we will assure the Town that these individuals will be assigned to your project for its duration. These team members have specific expertise in bridge construction, hydraulics, permitting, maintenance and protection of traffic, grants, public awareness programs and construction supervision.

As noted elsewhere in this Qualifications Statement, the principals of WMC will be directly involved with all aspects of this assignment, ensuring the Town of a high level of professional, technically correct and timely services, with input required of the Town only as desired.

In summary, we feel that WMC is uniquely qualified for this assignment, offering the Town:

- **Experience with ConnDOT funded municipal construction projects;**
- **Expertise in maintenance and protection of traffic plans that will minimize disruption;**
- **Public Relations skills associated with bridge and highway projects;**
- **Staff size and experience to ensure timely project completion;**
- **Environmental Compliance Experience;**
- **Complete Knowledge of DOT Construction Procedures;**
- **Direct Principal involvement with all aspects of the assignment.**

Should you have any additional questions concerning our firm's background, please do not hesitate to contact us. We would be pleased to meet with the selection committee to introduce you to our team, and to present our approach to this project.

**Jay A. Costello, P.E.
President**

Section II



PROJECT ORGANIZATION & RESUMES OF KEY PERSONNEL

If selected for this assignment, WMC will perform all construction management, inspection and surveying services with our in-house staff. The only sub-contracted work will be for laboratory related services associated with materials inspection. The WMC team proposed for this assignment has many years of construction experience including over 80 Federal Local Bridge Program projects. This experience has allowed these team members to become knowledgeable of typical municipal and public concerns over projects of this type, where Federal grant money is involved, along with the typical grant conditions. The following is a description of the team that would be assigned to this project, followed by resumes.

Project Director – Jay Costello, P.E., President

Mr. Costello, with over 40 years of hands-on experience will oversee this important project and will be responsible for total quality management, liaison with the Town and overseeing all reimbursement requests to the DOT on behalf of the Town. Mr. Costello is highly experienced in roadway and bridge design, construction management and public presentations. He has overseen over 70 assignments for WMC in the last ten years and will serve as Project Director.

Project Manager - Stephen McDonnell, P.E., Vice President

Mr. McDonnell has over 45 years of experience in construction management and inspection as well as grant procurement and compliance. He has been involved in over 200 ConnDOT funded projects and has recently completed construction oversight for projects in Chaplin, Eastford, Redding, Granby, Plymouth, North Canaan and many others. He will provide overall project management.

Project Manager/Office Engineer – Keegan Elder, P.E., Vice President

Mr. Elder has over 25 years of bridge inspection and design experience and has served as a senior engineer for bridge projects in Wilton, Greenwich, New Canaan, New Fairfield, New Milford and Weston. He has served as senior engineer for over 50 municipal bridges and 10 bridges designed for ConnDOT directly. He has specific expertise in Municipal, AASHTO and ConnDOT standards. He will serve as Office Engineer.

Construction Administrator – Matt Remchuk, NICET IV

Mr. Remchuck has over 30 years of construction administration and inspection experience with highways and bridges in Connecticut. Virtually all of his assignments have been funded through ConnDOT grant programs including over ten Federal Local Bridge Projects. He has recently completed the inspection of bridge projects for New Canaan, Stamford, Greenwich, North Canaan, New Fairfield, Middlebury and others funded under the Federal Local Bridge Program

Chief Inspector – Peter Bracket, NICET III

Mr. Bracket has over 20 years of experience with the construction of municipal projects and has served as Chief Inspector on bridge projects including recently bridge projects for Stamford, Bristol, Granby and Winsted. He has experience in construction inspection and administration of ConnDOT projects and would be assigned to this project as approved by the Town.

Chief Inspector – William O’Keefe, NICET III

Mr. O’Keefe has over 20 years of experience with the construction of municipal projects and has served as Chief Inspector on Federal Local Bridge Program projects including a recently completed bridge projects for Granby and Putnam and a bridge nearing completion for Weston. He has served as a construction inspector on bridge, highway, drainage and other projects. He has extensive experience in construction inspection and administration of ConnDOT projects and would be assigned to this project as approved by the Town.



JAY A. COSTELLO, P.E. – Construction Coordinator/Office Manager

EDUCATION	<p>B.S. Civil Engineering, University of Connecticut, 1979 M.S. Civil Engineering, University of Connecticut, in progress Continuing education in steel box girder design, precast/prestressed concrete rehabilitation, pavement management, geotextile fabrics and AUTOCADD</p>
REGISTRATION	<p>Professional Engineer – Connecticut, ACI Concrete Tech., NETTCP Concrete, Paving, Soils & Aggregates</p>
PROFESSIONAL EXPERIENCE	<p>Mr. Costello is Vice President and a principal of WMC. He has over 35 years of specific expertise in computerized roadway and bridge design, structural design and civil site engineering with computer applications. In addition, he has performed and overseen numerous traffic studies, hydrologic and hydraulic evaluations, geotechnical investigations for bridge, highway, sanitary and structural projects and has performed inspections of various types of dams including earth, concrete and masonry. He has served as transportation and traffic consultant to several Connecticut municipalities and has overseen computer mapping, digitizing and document management projects for municipal, regional and private clients.</p> <p>Mr. Costello has prepared detailed engineering studies and designs including analyses and plan preparation for rehabilitation of secondary roads, local and interstate highway bridges. He has performed and overseen over 40 bridge inspections in Connecticut for ConnDOT as well as over 60 as part of ConnDOT's Federal Local and Local Bridge Programs, including non-destructive testing, concrete testing and load rating analyses. He has expertise on rehabilitation for many types of bridges including simple and continuous span structures, cast in place concrete, rolled steel beams, precast/prestressed concrete, and riveted steel. He has performed or overseen design and construction of over 25 bridges as part of ConnDOT's LBP, with over 10 bridges completed within the last five years, and is chief structural engineer for over 60 bridges funded through ConnDOT's Federal Local Bridge Program.</p> <p>Mr. Costello has also performed analyses and designs for many types of new bridges including welded steel plate and box girder, rolled steel beam and precast/prestressed box and "I" beam structures.</p> <p>He has designed and overseen extensive highway engineering projects including multi-lane interstate highways, safety improvements for existing interstate highways, reconstruction of existing rural and urban collectors/arterials and numerous retaining structures. He has been assigned as project manager for major urban and rural road reconstruction projects up to \$45,000,000 in size, with responsibility for managing survey, design and construction management.</p> <p>Mr. Costello is in charge of all transportation, civil, dams, flood protection, structural and computer mapping related work for WMC and is directly responsible for technical operations within the office as well as quality control.</p>
SOCIETIES	<p>American Society of Civil Engineers National Society of Professional Engineers American Concrete Institute</p>



JAY A. COSTELLO

REPRESENTATIVE PROJECTS

Design of rehabilitations for six ConnDOT bridges in various towns. Inspection and recommendations for rehabilitation of thirty bridges as part of the ConnDOT Bridge Rehabilitation Program.

Design and construction management of the Westside Road bridge (Norfolk), Kibbe Road bridge (Somers), Moose Meadow and Village Hill Road bridges (Willington), Higbie and West Morris Road bridges (Morris), Swimming Hole and South Road bridges (Harwinton), Bellevue Avenue and Pothier Road bridges (Torrington), Smith Hill, Newfield and Tim Wall Road bridges (Winsted), South River and Shenipsit Lake Road bridges (Tolland) and Hidden Lake, Candlewood Hill and Injun Hollow Road bridges (Haddam) under ConnDOT Local Bridge Program. Structure studies and for rehabilitation or replacement of White Street bridge in Winsted, Trumbull Street bridge in Litchfield, Climax Road and Barndoor Hills Road bridges in Simsbury and the Hurlbut Road bridge in Ledyard.

Chief Engineer for over 75 municipal bridges funded through the Connecticut DOT's Federal Local Bridge Program including managing hydrologic and hydraulic evaluations, structure type studies, structural design and construction engineering and inspection.

Structure study, layout and design of various retaining walls and bridges for the reconstruction of I-91 in Windsor. Structure study and analysis of various interstate highway bridges associated with the design of the Central Connecticut Expressway connecting Route 9 and I-84 in New Britain.

Horizontal/vertical geometrics for maintenance and protection of traffic for reconstruction of Interstate I-84 in Waterbury, I-91 in Windsor and I-84 in Danbury for ConnDOT.

Survey and design for geometric, drainage and structural improvements associated with widening and realigning Country Club Road in Avon. Preliminary engineering study including traffic, geotechnical and geometric evaluations for relocation of Old Farms and Thompson Roads in Avon (Urban Systems).

Survey, design and construction management of approximately 35 miles of secondary roadways, representing over \$45 million in construction, as part of the Hartford Road Reconstruction Program.

Traffic studies for municipal and private projects located in Old Lyme, Waterford, Westbrook, East Haddam, Southbury, Stafford, Woodbury and Vernon. Traffic and site design engineering consultant to the Town of Plainville.

Geotechnical, site and structural analyses for several projects including Fire Station #5 in East Hartford, Executive Square Apartments in Wethersfield, and Olin Corporation's facility in Waterbury.

Roadway, drainage, sanitary sewer water main and retaining wall design (6 walls ranging in size to 25 feet) for the reconstruction of 6,000 feet of Nooks Hill Road in Cromwell. Complete roadway reconstruction design for geometric improvements for roads in Plymouth, Farmington, South Windsor, Newtown, Winsted and others.



STEPHEN R. MC DONNELL, P.E., Vice President

EDUCATION	B.S. Civil Engineering, Norwich University, 1975 M.S. Civil Engineering, University of Connecticut, 1977 Continuing education in hydraulics, construction management, pavement design and management, business management, on-site wastewater disposal
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REGISTRATION	Professional Engineer - Connecticut
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PROFESSIONAL EXPERIENCE	Mr. McDonnell is Vice President and a principal of WMC and has been involved in a variety of civil and environmental engineering projects ranging from feasibility and planning studies to design and construction management. He has over 40 years of engineering experience.
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Prior to the founding of Wengell, McDonnell & Costello (WMC), he has held positions with other consulting engineering firms from project engineer through vice president. His responsibilities have included complete technical and fiscal management of an engineering group involved with transportation, wastewater disposal, water supply, hydraulics and drainage, environmental studies and solid waste management projects.

Mr. McDonnell's responsibilities with WMC include client liaison, grants procurement, technical and fiscal management. Utilizing skills developed over a thirty-nine year career, he is responsible for transportation and environmental work with the firm including projects related to bridges, hydraulics and drainage, environmental studies, wastewater collection and treatment, water supply, dam inspections and designs, dredging feasibility, refuse disposal/recycling systems, composting and environmental permitting.

Mr. McDonnell has completed a wide variety of civil engineering projects including: complete hydrological and hydraulic studies and designs for stormwater collection systems, dams, spillways and bridges; wastewater disposal programs including on-site wastewater disposal systems analyses and designs, wastewater collection treatment and disposal systems planning, design and construction management; stormwater collection and treatment, water supply system planning design and construction management; environmental impact evaluations and studies, solid waste landfill design, transfer station planning and design, recycling program planning, and regional resource recovery system planning.

In addition to Mr. McDonnell's responsibilities with the firm, he is active in many professional associations. He has held several offices and is a past President and Director of the Connecticut Society of Civil Engineers Section of the American Society of Civil Engineers.

SOCIETIES	American Society of Civil Engineers (ASCE) Connecticut Society of Civil Engineers Water and Environment Federation New England Water Pollution Control Association American Waterworks Association
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STEPHEN R. MCDONNELL, P.E.

REPRESENTATIVE PROJECTS Inspection and recommendations for rehabilitation of 60 bridges as part of the ConnDOT Bridge Program including structural and hydraulic evaluations.

Engineer In Charge of design of 2 bridge improvements in Colebrook (Rt. 183) for ConnDOT completed in 1995

Principal in charge of design of 25 bridges associated with the Federal Local Bridge Program including:

Tobey Hill Road Bridge Replacement – North Canaan: bridge replacement funded under ConnDOT Federal Local Bridge Program - 2021

Musket Ridge Road Bridge Replacement – New Fairfield: bridge replacement funded under ConnDOT Federal Local Bridge Program - 2020

Water Street Bridge Replacement – Salisbury: bridge replacement (new truss) funded under ConnDOT Federal Local Bridge Program - 2018

RT 44/41 Streetscape Improvements – Salisbury: streetscape improvements performed for the Town under ConnDOT funding - 2019

Cavalry Hill Road Bridge in Weston – Federal Local Bridge Program – 2022

Romford Road Bridge in Washington – Federal Local Bridge Program – 2018

Peck Orchard Road Bridge in Hartland – Federal Local Bridge Program – 2016

Walnut Street Bridge in Essex – Federal Local Bridge Program – 2015

Duck Farm Road Bridge in Fairfield – Federal Local Bridge Program - 2022

Inspection and structure evaluation for rehabilitation of eleven bridges as part of Torrington's long term bridge improvement program. Inspection, testing and evaluation of rehabilitation of the Boston Neck Road Bridge in Suffield.

Principal in charge of survey, structure study, hydraulic evaluation, design and construction management of bridges in Norfolk (2 bridges), Harwinton (4 bridges), Winsted (3), Morris (2), Tolland (2), Torrington (2), Willington (2), Somers and Meriden (6) funded through the ConnDOT Grant Programs.

Principal in charge of design of intersection improvements in Bristol, River Road reconstruction in Farmington (STP Grant Program), South Main Street reconstruction in Plymouth (STP) and Waterbury Road in Bristol.

Survey, design and construction management for geometric, drainage and structural improvements associated with widening and realigning Country Club Road in Avon, Connecticut. (ConnDOT Urban Systems).

Preliminary engineering study of traffic, geotechnical, geometric and drainage system evaluation associated with the relocation of Old Farms and Thompson Roads in Avon, Connecticut. (ConnDOT Urban Systems).

Survey and design for drainage, structural and geometric improvements to Warren Avenue (Vernon), West Road (Marlborough), Nooks Hill Road (Cromwell), Burbank Road (Tolland) and Little City Road (Haddam).



KEEGAN ELDER, P.E., Vice President

EDUCATION	A. S. Engineering Technology, Civil Engineering, Tunxis Community College B. S. Civil Engineering, University of Connecticut M.S. Civil/Structural Engineering, University of Hartford
REGISTRATION	Professional Engineer – Connecticut, NETTCP Concrete, NETTCP HMA
PROFESSIONAL EXPERIENCE	<p>Mr. Elder is a senior civil/structural designer and engineer for WMC, with specific expertise in site, roadway, and structural design, as well as construction inspection of bridge, road and dam projects. His educational background at Tunxis, UCONN and University of Hartford focused on structural design, highway design and construction engineering.</p> <p>Mr. Elder has over 20 years of experience in survey and in designing a wide variety of concrete retaining walls, bridges, roadways and dam improvements. Most recently he served as a bridge design engineer for a number of municipal and Connecticut DOT bridge projects in accordance with applicable AASHTO and ConnDOT specifications. Also, he recently completed the design of the rehabilitation of Bashan Lake Dam and boat launch for the DEEP.</p> <p>Mr. Elder has computer programming and design experience, including AutoCAD, MicroStation and is proficient in the firm's computer aided design systems and structural software including AASHTOWare.</p> <p>Mr. Elder also has performed construction inspection and overseen WMC resident engineers and chief inspectors for over 20 Federal Local and Local Bridge Program projects over the last 10 years. Additionally, he has served as a construction inspector on several drainage and highway projects.</p> <p>Recent Projects overseen by Mr. Elder include: Duck Farm Road Bridge in Fairfield – Federal Local Bridge Project -2022</p> <p>He also has expertise in the design of stormwater collection and conveyance systems, and has served as project engineer for WMC's stormwater collection and analysis projects. He managed 8 municipal stormwater sampling and analyses programs and has prepared 5 stormwater pollution prevention plans for transfer stations, public works facilities and wastewater treatment facilities. He has also performed watershed surveys for municipal water supply systems.</p> <p>Mr. Elder has expertise in dam evaluation and design and has served as structural engineer for three dam rehabilitation project performed for the DEEP.</p> <p>Mr. Elder's responsibilities with WMC include construction oversight of WMC's bridge and roadway projects as well as performance of bridge, roadway, sanitary sewer and site design activities including oversight of subsurface geotechnical explorations and evaluations, performance of bridge inspections, evaluations and designs for new bridges and bridge rehabilitations, utilities coordination, and environmental permitting.</p> <p>He has recently been assigned to bridge design projects in Winsted, New Canaan, Greenwich, East Granby, Granby, Plymouth and Salisbury associated with the State of Connecticut Department of Transportation's Local Bridge Program and the Federal Local Bridge Program for municipalities. Mr. Elder has served as project manager for over ten ConnDOT owned bridges.</p>



CONSULTING ENGINEERS

J. MATTHEW REMCHUK, NICET IV
Construction Coordinator

EDUCATION	AAS Construction Technology, Alfred State College
REGISTRATION	NICET Level IV Highway, ACI Concrete Field Testing Technician
PROFESSIONAL EXPERIENCE	<p>Mr. Remchuk has over 30 years of experience in the field of construction inspection for highways and bridges. He has complete working knowledge of Connecticut DOT construction and design standards. He possesses supervisory and extensive mathematical and computer ability. He is experienced in the use of Expedition Document Control software, Internet/Intranet based systems, and the Connecticut Site Manager reporting system. Recent project responsibilities include:</p> <p>Rehabilitation of East Liberty Street Bridge over Mad River. (09/2021-01/2022) Chief Engineer on this \$2.8 million project to replace an arch type single span structure with steel girders and reinforced concrete deck and parapets. Project consisted of complete removal of existing structure, new composite pile drilled shaft supported structure and all utility relocations.</p> <p>Rehabilitation of I84/Rt.8 Mixmaster Interchange. (06/2021-09/2021) Senior Inspector on this \$186 million project to rehabilitate/upgrade the existing facility to current safety standards. Primary duties consisted tie back wall installation, pavement repair and bridge deck partial and full depth patching.</p> <p>Rehabilitation of James Street Bridge over Silvermine River. (10/2018-06/2021) Resident Engineer on this \$1.5 million project to replace a single span structure over the Silvermine River. Project involved complete removal and replacement of the bridge, from abutment footings to parapets, as well as widening James Street.</p> <p>Rehabilitation of Perry Avenue Bridge over Norwalk River. (04/2016-10/2018) Resident Engineer on this \$3.5 million project to replace a single span structure over the Norwalk River. Project involved replacement of the bridge, as well as widening Perry Avenue. The project was in a busy commercial area, required coordination of utility relocations and installation of a new grade crossing for the Metro North Railroad.</p> <p>Reconstruction of I-95/I-91/Rte-34 Interchange (Contract E), New Haven CT. (02/2014-04/2016) Inspector on the \$360 million project extended 1 mile along I-95 and 3,500 feet along I-91. Included in the reconstruction were 21 new or modified bridges. He served as a lead inspector for footings, piers and pier caps for bridges on the project, including post tensioning and including material testing, monitoring mass concrete curing measures, temporary soil nail walls, architectural details, structural steel erection, multi-stage construction, earth excavation, structure excavation, contaminated soil excavation and structure demolition</p> <p>Reconstruction of the Moses Wheeler (MW) Bridge on I-95 over the Housatonic River and Associated Roadways. (12/2012-02/2014) Senior Inspector for the \$170 Million reconstruction of the 33 major bridges on I-95, 4 additional bridges over local roads, and mainline I-95 roadway within the 2 mile corridor from Stratford to Milford CT. His responsibilities included inspections sign structure and noise barrier wall installations, bridge substructure construction, and work by various sub-contractors.</p>



PROFESSIONAL
EXPERIENCE

Update Signs/Sign Structures, Rte 7, Town of Brookfield and City of Danbury. (09/2010–12/2012) Resident Engineer. The project involved removal and replacement of existing signs in the towns of Danbury and Brookfield as well as installation of new drilled shaft traffic structure foundations, r chord truss cantilever sign structures, monotube bridge sign supports and side mounted signs and foundations.

Contract E-2, Reconstruction of I-95/I-91/RTE-34 Interchange. (04/2008-09/2010) Lead Senior Inspector. Primary duties consisted of supervising field staff, coordination of contractor activities as related mainline closures, utility installation and relocation.

Contract C-2, Reconstruction of I-95 between Water Street and the New Haven/East Haven Town Line. (04/2006-04/2008) Lead Senior Inspector. Duties included coordinating surveys; supervising staff inspecting earthwork and embankment construction; inspecting the installation of drilled shafts for bridge pier foundations, as well as the construction of cast-in-place and precast retaining walls; and inspecting the placement of concrete for bridge substructures/superstructures, and the placement of hot mix asphalt (SuperPave) on mainline and local roads. The project included the replacement of 4 flyover bridges, the construction of a new interchange and connector roadways, the replacement of I-95 mainline bridges, and the installation of more than 1,500 meters of retaining walls utilizing architectural form liners. The project also included more than 200,000 cubic meters of fill embankments, extensive drainage installations, illumination, signalization, and incident management system (IMS) installations.

Catenary "D" Replacement and Bridge Rehabilitation Project. (2005-2006) Construction Engineer. Replacement of 10 miles of existing catenary system on the New Haven Line between MP 61 and MP 71 and the rehabilitation/replacement of bridges at High Street, River Street and Old Gate Lane. Project also entailed reconstruction of local roads adjacent to these bridges; and the implementation of ADA improvements at the Milford Station. Responsibilities on this \$50 million mass transit project included coordinating field inspection activities; coordinating work efforts with multiple state and local municipalities; and overseeing the inspection of drainage installation, roadway grading, paving, and earthwork operations. Bridge reconstruction responsibilities included inspecting excavation activities, superstructure/substructure removal operations, pile installation, concrete formwork and rebar installation, and concrete placement, and steel erection.

Replacement of Arch Street, Hamilton Avenue and North Water Street bridges, replacement of the pedestrian overpass in the Greenwich railroad station. (1999-2005) Chief Inspector. Duties on this \$35 million project consist of overseeing all work related to the total replacement of three Metro-North railroad bridges as well as the complete upgrade of the station to current ADA requirements. Oversee the field bridge inspection staff, prepare project correspondence and payments for completed work. Review submittals and extra work claims, prepare reports of testing materials, review/approval of daily inspection reports and review of quantity computations. Attend weekly scheduling/coordination meetings and monthly project progress meetings. All work the project is performed with minimal disruption to on-time performance of the railroad, as well as vehicle and pedestrian traffic.



CONSULTING ENGINEERS

PETER M. BRACKET, NICET III

Chief Inspector

EDUCATION	B.S. Civil Engineering – University of Connecticut
REGISTRATION	NICET III, NETTCP Concrete Inspector, NETTCP Hot Mix Asphalt/Paving Inspector, NRC Nuclear Density Gauge, FHWA/NHI Safety inspection of Bridges, OSHA 10-hour course
PROFESSIONAL EXPERIENCE	<p>Mr. Bracket has over 20 years of experience in civil engineering and construction inspection, primarily in utility, bridge and highway construction supervision including construction inspection for bridges, highways and storm sewers. Since graduation from UCONN, Mr. Brackett has worked as a construction inspector on a wide variety of civil engineering projects. Mr. Brackett's experience includes:</p> <p><i>CHIEF INSPECTOR</i> – Memorial Boulevard Bridge Project – Bristol. CTDOT funded Local Bridge Program. Project included abutment retrofitting, new superstructure and ornamental aesthetic obelisks as well as bridge lighting.</p> <p><i>SENIOR CONSTRUCTION INSPECTOR</i> - Walk Bridge Program - Main Span Replacement (precon) and CP243/Dockyard Improvements. \$511 Million project. Project included utility test pits, test piles, soil nail walls, power and signal lines, track and switch work. Responsibilities included field inspections/oversight, time and materials, invoices, plan/spec design review comments.</p> <p><i>SENIOR CONSTRUCTION INSPECTOR</i> - New Haven-Hartford-Springfield (CT Rail Program) - Train Stations in Meriden, Wallingford and Berlin. \$65 Million project. Project included high-level platforms, snow melting boilers, information display boards, pedestrian bridge, structural steel buildings on foundations, elevators, parking lots, underground detention systems, site lighting, gas/water lines, sediment/erosion control, rain gardens, pavement reconstruction, storm drainage. Responsibilities included field inspections, measurement and payment, concrete/asphalt/subgrade material testing, daily logs, quality assurance, weekly progress meetings, as-builts using GPS.</p> <p><i>CONSTRUCTION INSPECTOR</i> - Streetscape Urban Design and Transportation Improvements (CTfastrak). \$2 Million project. Project included storm drainage, sidewalk/pavers, site lighting, retaining walls, bus shelters, landscaping. Responsibilities included field inspections, measurement/payment, material testing, daily logs, submittals, estimates, progress meetings, as-builts.</p> <p><i>OFFICE ENGINEER</i> - CTfastrak (New Britain to Hartford Busway). \$567 Million project. Project included program construction management for overall project of 15 separate contracts. Responsibilities: Design support, contract documents control, submittals, RFI/RFC's, change orders, quantity take-offs, cost estimates, meetings, client/public interactions, coordination between federal/state/local agencies.</p> <p><i>BRIDGE INSPECTOR</i> - Connecticut DOT - Safety inspections of complex fracture critical bridges and overhead sign structures. \$3 Million project. Responsibilities included field inspections (decks, beams, piers, abutments), traffic control, drafting/finalizing reports, AutoCAD/MicroStation drawings</p> <p>Mr. Bracket's skills include: SharePoint. Oracle Primavera Contract Manager, AASHTO Site Manager, AutoCAD/MicroStation. Mr. Brackett's responsibilities with WMC include construction inspection and construction materials compliance on State and municipal bridge, highway, sewer and water projects.</p>



WILLIAM O'KEEFE, NICET III
Chief Inspector

EDUCATION	AS Biology, Union County College
REGISTRATION	NICET Level III Highway, NICET Level II Underground Utilities, ACI Concrete Field Testing Technician, NETTCP HMA Paving Inspector
PROFESSIONAL EXPERIENCE	<p>Mr. O'Keefe is a construction inspector with over 30 years of experience performing construction inspection projects of various structures and facilities, including bridges, roadways and water treatment systems. Recent project experience includes:</p> <p>Chief Inspector, Cooper Street Bridge Replacement, Meriden (2021-2022) – ConnDOT Earmark Grant.</p> <p>Chief Inspector, Recreation Park Road Bridge, Putnam (2019-2020) – \$1.5 million Federal Local Bridge Replacement Project</p> <p>Chief Inspector, Neptune Avenue Bridge/Roadway, East Haddam (2019) – FEMA Grant for roadway reconstruction and bridge replacement</p> <p>Inspector, Connecticut DOT - Moses Wheeler Bridge Replacement Interstate 95, Stratford/Milford (2009-2019) – Nine-year ConnDOT bridge replacement project. Duties included oversight of construction of temporary trestles, including pile driving, inspection and oversight of storm and sanitary manholes, catch basins and piping, installation of drilled shafts and rock sockets, column rebar installation and concrete, concrete and rebar for decks, slip form parapet concrete, VISE Wall installation, Maintenance and Protection of Traffic, milling and paving of roadways, embankment installations, demolition of old bridge, environmental monitoring of river and outfalls for turbidity, construction of wet ponds to handle roadway runoff and the construction of a waste stockpile area. Record keeping per CTDOT guidelines.</p> <p>Inspector, East Hartford Roadway Improvement Program (2009) – Responsible for oversight of the milling and paving operations resetting/rebuilding sidewalks, catch basins and tops, installation of handicap ramps and placement of Superpave Hot Mix Asphalt.</p> <p>Inspector - Greater New Haven Water Pollution Control Authority, Sanitary Line Installation (2008) – Responsible for oversight of the installation of a 48-inch sanitary line under the Quinnipiac River and connections to the sanitary sewer system prior to the construction of the new Q Bridge.</p> <p>Inspector, New Haven, Dean Street/Morris Cove Flood Control Project (2007) – Responsible for supervising the installation of storm water catch basins, new piping, flood control systems, including sumps with duck bill check valves, and installation of additional berm material in a flood prone area.</p> <p>Chief Inspector, Manchester Roadway Improvements, Buckland Street (2006) – Responsible for the milling and paving of the one-mile stretch of Buckland Street, new sidewalks replacement of catch basin tops and granite curbing with ConnDOT oversight.</p> <p>Environmental Inspector, Connecticut DOT – Q Bridge (2005) – Responsible for identifying contaminated soil and removal and storage of soils.</p>

Section III



EXPERIENCE OF THE FIRM/REFERENCES

Experience of the Firm

WMC has performed construction inspection and administration on over 50 ConnDOT funded, municipal bridge projects throughout Connecticut over the last ten years. These projects were funded through the Connecticut DOT's STP, Local Bridge, ARRA and Federal Local Bridge Programs. WMC has provided full construction administration services, handling all aspects of the project on behalf of our clients. Several of these projects were designed by others and there has been no significant issues with this approach.

Every one of these projects were completed on-time, within budget and to our client's complete satisfaction. We encourage the Town to contact the references included with this Qualifications Statement, to confirm the level of services that we will provide the Town.

We do not believe that any other consulting engineering firm in the State has the wealth of experience in ConnDOT funded, municipally owned projects that WMC possesses and this experience will translate into a cost-effective bridge project, completed on-time and within budget, that will serve the Town well for years to come.

The same project team members proposed for this project performed many of our past bridge inspection assignments and we will assure the Town that these individuals will be assigned to your project for its duration. These team members have specific expertise in bridge construction inspection, environmental compliance, maintenance and protection of traffic, public awareness and overall construction supervision.

WMC is proposing to utilize two of our highest-level construction oversight personnel for this project. Both our construction coordinator and chief inspectors have over 20 years of bridge construction experience on ConnDOT funded, municipal bridges. Our chief inspectors, with over 20 years of experience, recently completed inspection of ConnDOT funded projects for Stamford, Bristol, Granby and Weston as well as other ConnDOT funded projects and we believe that the references provided will indicate to the Town of Andover the level of service and expertise our team will provide.

As noted elsewhere in this Qualifications Statement, principals of WMC will be directly involved with the overall management of this assignment, ensuring the Town of a high level of professional, technically correct and timely services, with input required of the Town only as desired. In summary, we feel that WMC is uniquely qualified for this assignment, offering the Town:

- **Extensive experience with bridge replacement projects for Connecticut municipalities funded under ConnDOT Grant Programs;**
- **Expertise in maintenance and protection of traffic plans that will minimize disruption to the traveling public, while keeping project costs to a minimum;**
- **Staff size and experience to ensure timely project completion within budget;**
- **Complete Knowledge of DOT Construction Administration Procedures;**
- **No-cost peer review of the project plans and specifications;**
- **Direct Principal involvement with all aspects of the assignment.**

REFERENCES

Town of Salisbury – WMC inspected, designed and oversaw construction of four bridges under the ConnDOT Grant Programs. We recently designed the replacement of an historic Berlin Iron Truss for the Town funded under a ConnDOT grant. The photo right depicts the new galvanized and painted truss, founded on cast in place concrete abutments completed in 2019, within budget.

Mr. Curtis Rand, First Selectman,
27 Main Street
Salisbury, CT 06068
(860) 435-5170



Town of Redding – WMC inspected, designed and oversaw construction of three bridges under the Federal Local and Local Bridge Programs for the Town. All three bridges are of similar size and scope to this project. One was the rehabilitation of an historic stone arch listed on the National Register of Historic Places. To the right is the Diamond Hill Road Bridge. In 2018, construction was completed on the Stepney Road Bridge, within budget.

Mr. Julia Pemberton, First Selectman
100 Hill Road
Redding, CT 06875
(203) 938-2002



Town of Greenwich – WMC has inspected and designed ten bridges for the Town, funded under various DOT programs. A bridge recently constructed (Valley Road, right) was funded through an STP grant. This project required a number of design exceptions in order to blend in with the project environs. The Shore Road Bridge was completed in 2018, within budget.

Mr. James Michel, P.E., Dep. Commissioner DPW
101 Field Point Road
Greenwich, CT 06830
(203) 622-7860





Town of South Windsor – WMC has designed and overseen construction of several projects for the Town including 3 bridge projects, all funded under ConnDOT grant programs. The Main Street bridge was completed in 2022 and the Pleasant Valley Road bridge will be completed in 2023. All projects were completed on-time and within budget.

Mr. Jeffrey Doolittle, P.E., Town Engineer
Town Hall - 1540 Sullivan Avenue
South Windsor, Connecticut 06074
(860) 644-2511

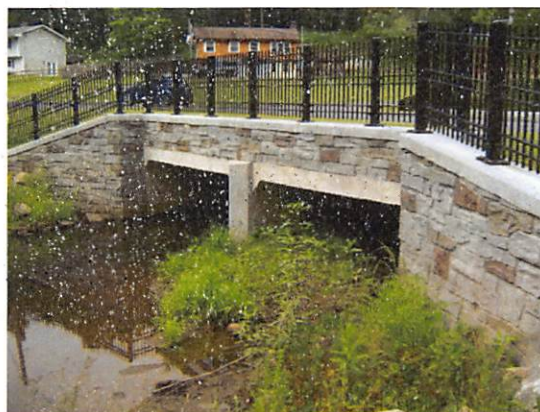
Town of Harwinton – WMC has designed and overseen construction of seven bridges for the Town including four constructed under the Federal Local Bridge Program. The bridge shown to the right is the South Road Bridge featuring stone approach walls, cast in place abutments and pre-cast concrete deck units for the superstructure. Recently completed in 2017 was the Catlin Road Bridge.

Mr. Dave Bousquet, Highway Supervisor
100 Bentley Drive
Harwinton, CT 06791
(860) 485-9051



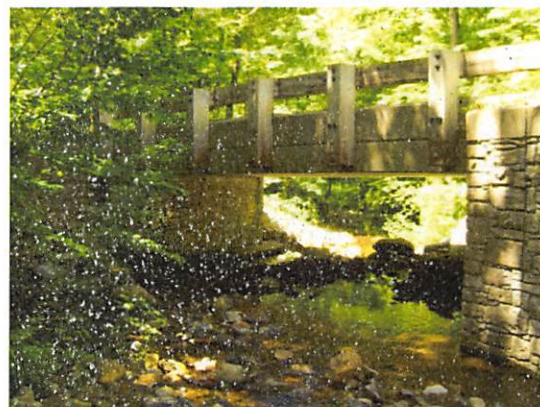
Town of New Fairfield – WMC performed the survey, design and construction administration in 2018 of the Musket Ridge Road Bridge. The project involved staged construction as the road offers the only access to the Musket Ridge neighborhood. The bridge is twin box culverts with formliner wingwalls.

Mr. Antonio Iadarola, P.E., Public Works Director
4 Brush Hill Road
New Fairfield, CT 06812
(203) 312- 5629



Town of New Milford – WMC has inspected and designed ten bridges for the Town, 4 of which were funded under the Federal Local Bridge Program and 3 under Local Bridge Program. To the right is the Walker Brook Road Bridge featuring stone facing on the concrete abutments and wingwalls and steel backed wood guide rail. This project is on a designated scenic road and WMC was able to maintain the existing road width of 18’.

Mr. Jack Healy, P.E., Public Works Director
10 Main Street
New Milford, CT 06776
(203) 355-6040



Town of Hartland – WMC has designed three bridges for the Town, two funded under the Federal Local Bridge Program. The bridge shown to the right is Dish Mill Road Bridge featuring form liner concrete wingwalls and fascia with a precast concrete arch. Additionally, the bridge features steel backed wood guide rail. Construction is finished in 2019 on the Peck Orchard Road Bridge funded under the Federal Local Bridge Program

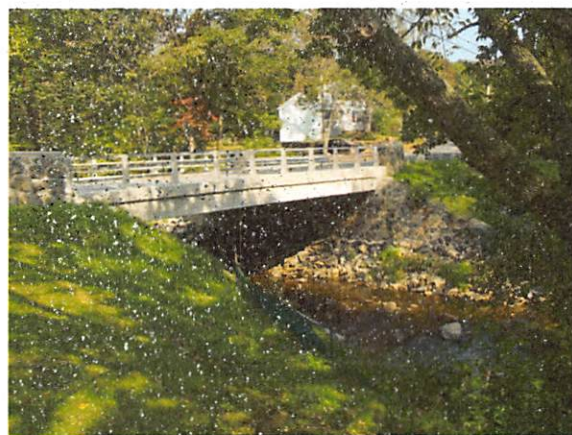
Ms Magi Winslow, First Selectman
22 South Road
East Hartland, CT 06027
(860) 651-3389

Town of Chaplin – WMC has inspected, designed and overseen construction of three bridges for the town under the ConnDOT Federal Local Bridge Program. All bridges are over the Natchaug River. To the right is the Marcy Road Bridge featuring stone facing on abutments and wingwalls as well as the stone approach walls. Construction is starting this spring on the Bear Hill Road Bridge, funded under the Federal Local Bridge Program.

Mr. Bill Rose, Former First Selectman
495 Phoenixville Road
Chaplin, CT 06235
(860) 455-0073

Town of North Canaan - WMC has inspected and designed four bridges for the Town, all funded under the Federal Local Bridge Program. The bridge shown to the right is College Hill Road Bridge featuring form liner concrete wingwalls and fascia with a precast concrete arch. Additionally, the bridge features steel backed wood guide rail. We are (2022) finishing construction administration of the replacement of the Tobey Hill Road Bridge funded under the Federal Local Bridge Program.

Mr. Charlie Perotti, First Selectman
100 Pease Street
North Canaan, CT 06018
(860) 824-7313





City of Meriden – WMC has designed six bridges for the City as part of a flood mitigation plan for the downtown area of Meriden. Two of the bridges (Coe and Bradley Avenue) were recently constructed and WMC provided inspection and construction administration services. The two bridges were funded under a special legislative grant administered by ConnDOT.

Mr. Brian Ennis, P.E. City Engineer
142 East Main Street
Meriden, CT 06450
(203) 630-4018

Town of Granby – WMC designed the replacement of the Silver Street Bridge for the Town. This project, featuring a galvanized and painted steel truss superstructure, was funded under a ConnDOT Grant Program. WMC performed construction inspection for this project as well. The bridge was completed in 2014. We recently (2022) completed construction inspection of two bridge for the Town under the DOT Local Bridge Program.

Mr. Kirk Severance, Public Works Director
15 North Granby Road
Granby, CT 06035
(860) 844-5300

Town of New Canaan – WMC has designed and over seen construction of two bridges for New Canaan, both funded under the DOT Federal Local Bridge Program. Both projects were in sensitive areas in terms of the neighbors and utilized stonework facades and formliner to mimic the look of the old bridges. To the right is the Hickok Road Bridge, constructed of a precast concrete arch, completed in 2018.

Mr. Tiger Mann, Public Works Director
77 Main Street
New Canaan, CT 06840
(203) 594-3054



Town of Plainville – WMC designed and oversaw construction of the replacement of the Stillwell Road Bridge. The project features precast concrete box culverts with form liner fascias. The boxes are set at a high skew angle allowing the relocation of the stream back to its original location. The project was in an environmentally sensitive area and feature root wad habitat replacement in the stream. The project was completed in 2012

Mr. John Bossi, P.E., Town Engineer
1 Central Square
Plainville, CT 06062
(860) 793-0221

Town of North Stonington – WMC designed and oversaw construction of the replacement of the Main Street Bridge which had washed out in a recent tropical storm. The old bridge was historic and WMC was able to salvage most of the stone from the old bridge and they were cut and re-installed on the fascia of the new bridge. The project was funded through FEMA.

Mr. Nick Mullane, Former First Selectman
40 Main Street
North Stonington, CT 06359
(860) 535-2877

Town of Branford – WMC recently (2015) designed the replacement of the Schoolground Road Bridge funded under the ConnDOT Federal Local Bridge Program. The bridge consists of a precast concrete arch founded on drilled caissons. WMC is currently designing the replacement of the Harbor Street Bridge funded through the ConnDOT Local Bridge Program and requiring permits through DEEP OLISP, fisheries, State Historic Preservation Office and Army Corps.

Mr. John Hoefflerle, P.E., Town Engineer
1019 Main Street
Branford, CT 06405
(203) 315-0639



Section IV



PROJECT UNDERSTANDING

WMC's understanding of this project is based upon our review of project plans and over thirty years of construction management and inspection services on over 80 Federal Local Bridge Program projects. As a result of this experience, WMC staff members are able to resolve any conflicts and concerns in the field, before they become critical issues. Our staff has specific expertise in construction techniques and methods, and has extensive experience in resolving unforeseen and other conditions that are encountered in the field. Additionally, we have specific expertise in working closely with the neighbors of the project to ensure that their questions and concerns are answered and resolved in a timely and sensitive manner.

It is our understanding that the Town desires to replace the Bunker Hill Road Bridge with precast concrete deck units supported by cast-in-place abutments founded on micro-piles. The road is proposed to be closed during construction. To accomplish this, WMC will provide complete services to the Town required to comply with grant conditions and ConnDOT construction administration requirements and procedures. WMC will handle all aspects of the project on behalf of the Town, with the exception of final approvals required for pay requisitions, construction orders, approval of sub-contractors and final acceptance.

As part of our services, WMC will perform a constructability review of the plans to see if there are any significant issues to be further addressed. These issues, if any, can be addressed during the pre-construction meeting, depending upon the project status.

Project Approach: Typically, the work involved will include the following tasks:

- ConnDOT Compliance
- Attend Contract Signing and Pre-construction Meeting
- Review shop drawings if not being done by the designer
- Check construction layout staking
- Observe work for compliance with plans and specifications
- Maintain daily records
- Prepare correspondence
- Measure quantities and prepare pay estimates
- Sample materials and schedule testing of installed materials
- Monitor and inspect contractor's traffic controls
- Inspect construction and environmental controls for conformance with permits
- Verify periodic payment requests from contractor
- Analyze claims for extra work and time extensions
- Prepare interim and final change orders
- Perform required EEO and wage rate monitoring
- Prepare minutes of all field meetings
- Provide coordination between all affected parties
- Attend and document semi-final and final inspections
- Finalize all documentation necessary for project closeout

All of the aforementioned tasks must be completed in strict conformance with the ConnDOT Construction Manual, and WMC staff have specific expertise in complying with those requirements.



We have successfully performed over 80 projects in conformance with the ConnDOT requirements, associated with ConnDOT Grant Programs, and it is this expertise that WMC brings to this project.

Task 1 - Construction Document Review

If desired by the Town, our proposed Construction Manager and Chief Inspector will carefully perform a “constructability” review of the design plans which consist of bridge replacement with new drainage and roadway improvements. This review will focus on the ability of the project to be constructed “as designed” considering every construction related task from initial project layout, utility issues, water handling, M&P of traffic, environmental controls, construction methods, etc. Additionally, they will check estimated quantities and bid items to ensure that all items are covered and that there does not appear to be any significant overages or underages in estimated quantities.

The end product of this task will be a memorandum to the Town’s Project Administrator indicating concurrence with the plans and specifications or noting any omissions or clarifications that may be required. If the review takes place before bidding, then plans and specifications can be modified, if required, before bidding. If the review takes place after bidding, then issues, if any, can be addressed at the pre-construction meeting.

Task 2 - Pre-Construction Meeting

WMC will arrange for (if requested by the Town) and attend a pre-construction meeting. Our proposed Construction Coordinator and Chief Inspector will attend the meeting, record the minutes of the meeting and will submit the minutes to the Town and the selected contractor. At the meeting issues such as DBE requirements, submittals, time schedule, special provisions, site safety and other pertinent issues will be discussed.

Task 3 - Inspection of Contract Work/Construction Administration

WMC will completely monitor construction activities to ensure that the work is completed according to the plans and specifications or any deviations therefrom approved by the project designer and the Town. Contractor equipment and personnel will be monitored as well as construction activities by the contractor, his/her sub-contractors, utilities or others that may be involved with the project. WMC will maintain daily records of all construction related activities and will perform any necessary survey to document the construction and the as-built conditions.

WMC will measure the work performed on a daily, weekly and monthly basis and will prepare or review the contractor’s monthly payment requisitions. WMC will process any requests for information or clarification. Generally because of our experience with bridge construction, we can resolve most issues without the need for the design engineer, however if a significant design concern develops, WMC will coordinate the resolution of this concern between the design engineer, the Town and the contractor.

WMC will review any requests for change orders and will recommend approval or denial to the Town.

WMC will hold weekly job meetings initially and if not needed, will then go to bi-weekly meetings. As part of this task WMC will prepare notes and minutes of the meetings.



Following completion of construction, WMC will provide the Town with all field notes and calculations and all other documents according to the ConnDOT Construction Engineering and Inspection manual.

Task 4 - Technical Support

WMC will provide technical support to our Chief Inspector on construction related procedures. For minor design issues, WMC has the ability to resolve these issues in the field and will do so, if acceptable to the Town. For significant design issues, such as those related to changes in the design concept, these will be addressed by the design engineer and as noted above, WMC will coordinate the resolution of any issues or concerns.

Task 5 - Construction Survey and As-Built Drawings

WMC will perform any survey work with our staff assigned to the project. An advantage that WMC offers for this project is that our proposed Chief Inspector is NICET IV certified inspector with over 50 years of experience with ConnDOT projects. AutoCAD and electronic pdf files will be provided along with hard copies of the as-builts.

Task 7 - Project Close-Out

WMC will complete all project close-out activities as required by the Town and ConnDOT for compliance with the Grant Program/Grant Conditions. Quantities will be checked along with the as-builts. Certification will include certification that the project, as built, has been constructed in accordance with the approved drawings.

Section V

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)* Bunker Hill Road Construction Inspection Services, Andover, CT
 - 2.
 3. PUBLIC NOTICE DATE: 2/22/24
 4. SOLICITATION OR PROJECT NUMBER: #RFP AN-2024-25 01
-

B. ARCHITECT-ENGINEER POINT OF CONTACT

5. NAME AND TITLE: Jay A. Costello, President
 6. NAME OF FIRM: Wengell, McDonnell & Costello, Inc.
 7. TELEPHONE NUMBER: (860) 667-9624
 8. FAX NUMBER: (860) 665-1551
 9. E-MAIL ADDRESS: jcostello@wmcengineers.com
-

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

-
- 9a. PRIME (CHECK HERE): X
 - 9a. JOINT-VENTURE PARTNER (CHECK HERE):
 - 9a. SUBCONTRACTOR (CHECK HERE):
 - 9a. FIRM NAME: Wengell, McDonnell & Costello, Inc (WMC Engineers)
 - 9a. IF BRANCH OFFICE CHECK HERE:
 - 10a. ADDRESS: 87 Holmes Road, Newington, CT 06111
 - 11a. ROLE IN THIS CONTRACT: Project Construction Administrator
-
- 9b. PRIME (CHECK HERE):
 - 9b. JOINT-VENTURE PARTNER (CHECK HERE):
 - 9b. SUBCONTRACTOR (CHECK HERE):
 - 9b. FIRM NAME:
 - 9b. IF BRANCH OFFICE CHECK HERE:
 - 10b. ADDRESS:
 - 11b. ROLE IN THIS CONTRACT:
-

9c. PRIME (CHECK HERE):
9c. JOINT-VENTURE PARTNER (CHECK HERE):
9c. SUBCONTRACTOR (CHECK HERE):
9c. FIRM NAME:
9c. IF BRANCH OFFICE CHECK HERE:
10c. ADDRESS:
11c. ROLE IN THIS CONTRACT:

9d. PRIME (CHECK HERE):
9d. JOINT-VENTURE PARTNER (CHECK HERE):
9d. SUBCONTRACTOR (CHECK HERE):
9d. FIRM NAME:
9d. IF BRANCH OFFICE CHECK HERE:
10d. ADDRESS:
11d. ROLE IN THIS CONTRACT:

9e. PRIME (CHECK HERE):
9e. JOINT-VENTURE PARTNER (CHECK HERE):
9e. SUBCONTRACTOR (CHECK HERE):
9e. FIRM NAME:
9e. IF BRANCH OFFICE CHECK HERE:
10e. ADDRESS
11e. ROLE IN THIS CONTRACT

9f. PRIME (CHECK HERE):
9f. JOINT-VENTURE PARTNER (CHECK HERE):
9f. SUBCONTRACTOR (CHECK HERE):
9f. FIRM NAME:
9f. IF BRANCH OFFICE CHECK HERE:
10f. ADDRESS
11f. ROLE IN THIS CONTRACT

D. ORGANIZATIONAL CHART OF PROPOSED TEAM *(Attached; check here)*

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME: Jay Costello, P.E.

13. ROLE IN THIS CONTRACT: Project Director

14a. YEARS EXPERIENCE - TOTAL: 40

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 35

15. FIRM NAME AND LOCATION (City and State): WMC Engineers, Newington, CT

16. EDUCATION (DEGREE AND SPECIALIZATION): BS Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE): CT, Civil

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): ASCE, ASPE

19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Valley Road Bridge, Greenwich, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2015

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2015

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, \$800,000 funded through STP program

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Five Bridges, Meriden, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2010

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): On-going

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement/Rehabilitation projects, funded through special grant administered by ConnDOT, \$3,500,000

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Lower Road Bridge, North Canaan, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2013

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2013

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, funded through Federal Local Bridge Program, \$800,000

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19d(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Salmon Kill Road Bridge, Salisbury, CT

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2013

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2013

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project funded through Federal Local Bridge Program, \$1,000,000

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19e(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Bear Hill Road Bridge, Chaplin, CT

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2017

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge replacement project funded through Federal Local Bridge Program

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

20. NAME: Stephen McDonnell, P.E.

21. ROLE IN THIS CONTRACT: Project Manager

14a. YEARS EXPERIENCE - TOTAL: 45

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 35

31. FIRM NAME AND LOCATION (City and State): WMC Engineers, Newington, CT

32. EDUCATION (DEGREE AND SPECIALIZATION): BS Civil Engineering, MS Civil Engineering

33. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE): CT, Civil

34. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): ASCE

19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Tobey Road Bridge, North Canaan, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2018

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, \$800,000 funded through ConnDOT, obtained all permits, maximized grant opportunities

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Five Bridges, Meriden, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): On-going

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement/Rehabilitation project, funded through special grant administered by ConnDOT, \$3,500,000, obtained all permits, maximized grant opportunities

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Diamond Hill Road Bridge, Redding, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2013

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2013

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, funded through Federal Local Bridge Program, \$800,000, obtained all permits, maximized grant opportunities

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19d(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Musket Ridge Road Bridge, New Fairfield, CT

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2015

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2015

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project funded through Federal Local Bridge Program, \$900,000, obtained all permits, maximized grant opportunities

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19e(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Shingle Mill Road Bridge, Harwinton, CT

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2018

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge replacement project funded through Federal Local Bridge Program,, obtained all permits, maximized grant opportunities

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

16. NAME: Keegan Elder, P.E., Vice President

17. ROLE IN THIS CONTRACT: Office Engineer

14a. YEARS EXPERIENCE - TOTAL: 25

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 25

23. FIRM NAME AND LOCATION (City and State): WMC Engineers, Newington, CT

24. EDUCATION (DEGREE AND SPECIALIZATION): BS Civil Engineering, MS Structural Engineering

25. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE): CT, Civil

26. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): ASCE

19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Carter Road Bridge, Kent, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2017

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, \$1,300,000 funded through Federal Local Bridge Program

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Mill Bridge Road Bridge, Eastford, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2017

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement Project, funded through Federal Local Bridge Program, \$1,200,000

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Shore Road Bridge, Greenwich, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2015

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2015

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, funded through Federal Local Bridge Program, \$750,000

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19d(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Saw Mill Road Bridge, New Fairfield, CT

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2017

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project funded through Federal Local Bridge Program, \$1,100,000

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19e(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Walnut Street Bridge, Essex, CT

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2017

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge replacement project funded through Federal Local Bridge Program, \$1,300,000

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

16. NAME: Matthew Remchuk, NICET IV

17. ROLE IN THIS CONTRACT: Construction Inspector

14a. YEARS EXPERIENCE - TOTAL: 30

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 3

23. FIRM NAME AND LOCATION (City and State): WMC Engineers, Newington, CT

24. EDUCATION (DEGREE AND SPECIALIZATION):

25. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE): NICET IV

26. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): NETTCP Certified

19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Moosehorn Road Bridge, Granby, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2023

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2024

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, \$1,300,000 funded through Federal Local Bridge Program. WMC performed construction inspection and administration

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Five Bridges, Meriden, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2024

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): On-going

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement/Rehabilitation project, funded through special grant administered by ConnDOT, \$3,500,000. WMC performed construction inspection and administration

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Tobey Hill Road Bridge, North Canaan, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2021

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2021

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, funded through TEA-21, \$1,300,000. WMC performed construction inspection and administration

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19d(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Saw Mill Road Bridge, New Fairfield, CT

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2020

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2020

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project funded through ISTE A, \$1,600,000. WMC performed construction inspection and administration

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19e(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Memorial Boulevard Bridge, Bristol, CT

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2023

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2023

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge replacement project funded through Local Bridge Program. WMC performed construction inspection and administration. \$1,700,000

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

18. NAME: Peter Bracket, NICET III.

19. ROLE IN THIS CONTRACT: Chief Inspector

14a. YEARS EXPERIENCE - TOTAL: 20

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 4

27. FIRM NAME AND LOCATION *(City and State)*: WMC Engineers, Newington, CT

28. EDUCATION *(DEGREE AND SPECIALIZATION)*: B.S. Civil Engineering, UCONN

29. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*: NICET III

30. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*:

19a(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Memorial Boulevard Bridge, Bristol, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2023

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2023

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Chief Inspector on this bridge replacement project funded through the Local Bridge Program. Performed construction inspection and administration

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: x

19b(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Riverbank Road Bridge, Stamford, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2024

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2024.

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Bridge replacement project funded through t Bridge program. \$1,500,000. Performed construction inspection and administration

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: x

19c(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Walk Bridge Program, Norwalk, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2020

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2020

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Senior Inspector on a \$511 million Bridge and roadway rehabilitation project. This project was funded under ConnDOT's Programs.

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm:

19d(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Mariomi Road Bridge and Roadway Improvements, New Canaan, CT

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2013

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2013

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Chief Inspector on \$1.2 million Road and bridge replacement project funded under a ConnDOT grant program.

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: x

19e(1) RELEVANT PROJECT - TITLE AND LOCATION *(City and State)*: Hickock Road Bridge and Roadway Improvements, New Canaan, CT

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2012

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION *(If applicable)*: 2012

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION *(Brief scope, size, cost etc.)* AND SPECIFIC ROLE: Resident Engineer on a \$1.1 million Bridge replacement and roadway improvement project funded under a ConnDOT grant Program

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: x

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

20. NAME: William O'Keefe, NICET III

21. ROLE IN THIS CONTRACT: Chief Inspector

14a. YEARS EXPERIENCE - TOTAL: 301

14b. YEARS EXPERIENCE - WITH CURRENT FIRM: 4

31. FIRM NAME AND LOCATION (City and State): WMC Engineers, Newington, CT

32. EDUCATION (DEGREE AND SPECIALIZATION): AS Biology

33.

34. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE): CT, NICET III

35. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.): NETTCP HMA Asphalt, ACI concrete

19a(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Griffin Road Bridge, Granby, CT

19a(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2021

19a(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2021

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, \$1,200,000 funded through LBP program, performed construction inspection

19a(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19b(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Five Bridges, Meriden, CT

19b(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2021

19b(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): On-going

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement/Rehabilitation project, funded through special grant administered by ConnDOT, \$3,500,000, performed construction inspection

19b(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19c(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Moosehorn Road Bridge, Granby, CT

19c(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2004

19c(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2023

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project, funded through Federal Local Bridge Program, \$1,500,000, performed construction inspection

19c(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19d(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Silver Street Bridge, Granby, CT

19d(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2013

19d(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2013

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge Replacement project funded through Federal Local Bridge Program, performed all construction inspection

19d(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

19e(1) RELEVANT PROJECT - TITLE AND LOCATION (City and State): Aspetuck Ridge Road Bridge, New Milford, CT

19e(2) RELEVANT PROJECT - YEAR COMPLETED - PROFESSIONAL SERVICES: 2009

19e(2) RELEVANT PROJECT - YEAR COMPLETED - CONSTRUCTION (If applicable): 2009

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE: Bridge replacement project funded through The Federal Local Bridge Program, performed all construction inspection.

19e(3) RELEVANT PROJECT - BRIEF DESCRIPTION - Check here if project performed with current firm: X

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

D. EXAMPLE PROJECT KEY NUMBER: 1

E. TITLE AND LOCATION (*City and State*): Catlin Road, South Road and Plymouth Road Bridge Replacements, Harwinton, CT

F. YEAR COMPLETED - PROFESSIONAL SERVICES: 2015

G. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2015

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Harwinton, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: John Fredsall, Director of Public Works

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 485-9051

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): Three bridge replacement projects funded under Federal Local Bridge Program, \$2,500,000

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

H. EXAMPLE PROJECT KEY NUMBER: 2

I. TITLE AND LOCATION (*City and State*): Black Bridge, Cedar Lane and Steel Road Bridge Replacements, New Hartford, CT

J. YEAR COMPLETED - PROFESSIONAL SERVICES: 2010

K. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2010

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of New Hartford, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Bruce Gresczyk, Selectman

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 379-3389

26. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): Three bridge replacement projects
Funded under Federal Local Bridge Program, \$2,100,000

27. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

L. EXAMPLE PROJECT KEY NUMBER: 3

M. TITLE AND LOCATION (*City and State*): South, Pucker Street Bridge Replacement, Coventry, CT

N. YEAR COMPLETED - PROFESSIONAL SERVICES: 1016

O.

P. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2016

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Coventry, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: John Elsesser, Town Manager

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 742-6324

28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): two bridge replacement projects
Funded under Federal Local Bridge Program, \$2,600,000

29. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

Q. EXAMPLE PROJECT KEY NUMBER: 4

R. TITLE AND LOCATION (*City and State*): Valley, Shore Road, Round Hill Road Bridge Replacements, Greenwich, CT

S. YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

T. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2017

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Greenwich, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Frank Petise, P.E., Town Engineer

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (203) 622-7767

30. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): three bridge replacement projects
Funded under STP and Federal Local Bridge Program, \$3,500,000

31. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

U. EXAMPLE PROJECT KEY NUMBER: 5

V. TITLE AND LOCATION (*City and State*): Five Bridge Replacements, Meriden, CT

W. YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

X. YEAR COMPLETED - CONSTRUCTION (*If applicable*): On-going

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: City of Meriden, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Robert Bass, P.E., City Engineer

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (203) 630-4018

32. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): Five bridge replacement projects
Funded under special grants and Federal Local Bridge Program, \$3,500,000

33. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

Y. EXAMPLE PROJECT KEY NUMBER: 6

Z. TITLE AND LOCATION (*City and State*): Town Line Road, Keegan Road and Orchard Street Bridge Replacements, Plymouth, CT

AA. YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

BB. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2018

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Plymouth, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Charles Wiegert, Director of Public Works

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 585-4030

34. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): bridge replacement project
Funded under Local Bridge Program, \$900,000

35. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

CC. EXAMPLE PROJECT KEY NUMBER: 7

DD. TITLE AND LOCATION (*City and State*): Parker Bridge Road Bridge Replacement, Coventry/Columbia, CT

EE. YEAR COMPLETED - PROFESSIONAL SERVICES: 2010

FF. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2010

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Coventry, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: John Elsesser, Town Manager

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 742-6324

36. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): bridge replacement project
Funded under Federal Local Bridge Program, \$1,100,000

37. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings
Oswald Blint, L.S.

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations
Oswald Blint, L.S.	Windsor, CT	Survey

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

GG. EXAMPLE PROJECT KEY NUMBER: 8

HH. TITLE AND LOCATION (*City and State*): Selleck Hill, Farnham Road , Salmon Kill Road & Water Street Bridge Replacements, Salisbury, CT

II. YEAR COMPLETED - PROFESSIONAL SERVICES: 2016

JJ. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2016

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Salisbury, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Curtis Rand, First Selectman

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 435-5170

38. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): Four bridge replacement projects
Funded under Federal Local Bridge Program, \$4,200,000

39. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

KK. EXAMPLE PROJECT KEY NUMBER: 9

LL. TITLE AND LOCATION (*City and State*): Division Street and Holabird Avenue Rehabilitations, Winsted, CT

MM. YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

NN. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2017

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Winchester, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Mark Douglass, Purchasing Director

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 738-6960

40. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): Two bridge rehabilitation projects
Funded under Federal Local and STP Bridge Programs, \$1,600,000

41. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations
Oswald Blint, L.S.	Windsor, CT	Survey

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)*

OO. EXAMPLE PROJECT KEY NUMBER: 10

PP. TITLE AND LOCATION (*City and State*): Bear Hill Road, Marcy Road and Morey Road Replacements, Chaplin, CT

QQ. YEAR COMPLETED - PROFESSIONAL SERVICES: 2017

RR. YEAR COMPLETED - CONSTRUCTION (*If applicable*): 2017

23a. PROJECT OWNER'S INFORMATION - PROJECT OWNER: Town of Chaplin, CT

23b. PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: Matthew Cunningham, First Selectman

23c. PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: (860) 455-9455

42. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*): Three bridge replacement projects
Funded under Federal Local Bridge Program, \$3,100,000

43. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: WMC, Soil Science and Environmental Services, Associated Borings

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
WMC	Newington, CT	Prime
Soil Science and Environmental Services	Cheshire, CT	Wetland Delineation
Associated Borings	Ansonia, CT	Geotechnical Investigations

[illegible]

H. ADDITIONAL INFORMATION

29. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED:

Wengell, McDonnell and Costello, Inc. is a multi-disciplinary civil engineering firm providing services to municipal and state agencies. We have performed services for the Connecticut Department of Public Works (on-call, accelerated correctional facilities program), Transportation (design and construction administration of roads and bridges) and Energy & Environmental Protection (flood control studies, dam evaluations and designs).

WMC has also performed services for over 100 Connecticut municipalities on projects ranging from feasibility and site selection studies to design of municipal projects such as schools, police and fire stations, golf courses, municipal buildings, bridges, roads, trail systems, recreational fields, transfer stations and others. WMC has designed complete water supply systems in compliance with State and Federal Requirements as well as sewage collection and treatment systems. We have evaluated existing wastewater and stormwater systems as well as treatment systems. The firm has expertise in storm drainage improvements, erosion and sedimentation control plans and permitting for small and large-scale municipal and commercial projects. We have prepared stormwater pollution prevention plans, spill prevention plans and performed stormwater sampling evaluations in compliance with State and Federal Requirements.

The firm's structural engineering department performs projects ranging from structural inspections of buildings, dams, bridges and other facilities to design of these structures. WMC has performed the design and construction inspection of over 200 municipal bridge projects funded through ConnDOT's Local and Federal Local Bridge Programs. These bridges have ranged from simple box culverts to multi-span structures over 200 feet in length. We have evaluated historic structures and performed Historic American Engineering Record (HAER) documentation.

Our transportation department has designed numerous roadway improvement projects for municipalities, as well as streetscape improvements and rails to trails projects. WMC recently designed improvements for 2 miles of greenway/trail for Burlington, 1.5 miles of roadway, 6 box culverts, over 1.5 miles of rail to trail and a tunnel under State Route 4 for the Town of Farmington. We have also recently designed 6 miles of rails to trails for Winsted and Torrington, Connecticut and have designed five bridge rehabilitations for the Farmington Valley Greenway Trail in Suffield and Granby. Additionally, we recently completed roadway reconstruction design projects for Bristol, Plymouth and Burlington.

The firm performs construction administration and inspection of most of the projects designed by the firm, including projects ranging in size to over 20 million dollars. We maintain a staff of NICET and NETTCP certified, ConnDOT approved inspectors for the firm's bridge and highway projects.

WMC employs an environmental staff that performs environmental investigations, remediation design and construction administration. These staff members also have prepared environmental impact assessments and evaluations, and have extensive environmental permitting experience.

10. **AUTHORIZED REPRESENTATIVE**
The foregoing is a statement of facts.

30. SIGNATURE OF AUTHORIZED REPRESENTATIVE:



31. DATE SIGNED: 2/21/24

32. NAME AND TITLE OF SIGNER: Stephen R. McDonnell, P.E.

ARCHITECT-ENGINEER QUALIFICATIONS

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. SOLICITATION NUMBER *(If any):*
- 2a. FIRM (OR BRANCH OFFICE) NAME: Wengell, McDonnell & Costello, Inc. (WMC Engineers)
- 2b. FIRM (OR BRANCH OFFICE) STREET: 87 Holmes Road
- 2c. FIRM (OR BRANCH OFFICE) CITY: Newington
- 2d. FIRM (OR BRANCH OFFICE) STATE: CT
- 2e. FIRM (OR BRANCH OFFICE) ZIP CODE: 06111
3. YEAR ESTABLISHED: 1988
4. DUNS NUMBER:
- 5a. OWNERSHIP - TYPE: Corporation
- 5b. OWNERSHIP - SMALL BUSINESS STATUS: Certified SBE
- 6a. POINT OF CONTACT NAME AND TITLE: Jay A. Costello, P.E., President
- 6b. POINT OF CONTACT TELEPHONE NUMBER: (860) 667-9624
- 6c. POINT OF CONTACT E-MAIL ADDRESS: awengell@wmcengineers.com
7. NAME OF FIRM *(If block 2a is a branch office):*

8a. FORMER FIRM NAME(S) <i>(If any)</i>	8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

[illegible]

11. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

[illegible]

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | | | |
|----|--------------------------------------|-----|--|
| 1. | Less than \$100,000 | 6. | \$2 million to less than \$5 million |
| 2. | \$100,000 to less than \$250,000 | 7. | \$5 million to less than \$10 million |
| 3. | \$250,000 to less than \$500,00 | 8. | \$10 million to less than \$25 million |
| 4. | \$500,000 to less than \$1 million | 9. | \$25 million to less than \$50 million |
| 5. | \$1 million to less than \$2 million | 10. | \$50 million or greater |

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown above)

11a. Federal Work:1

11b. Non-Federal Work:6

11c. Total Work:6

12. **AUTHORIZED REPRESENTATIVE.** The foregoing is a statement of facts.

12a. SIGNATURE:

12b. DATE SIGNED:2/21/24