REQUEST FOR QUALIFICATIONS

Town of Andover

RFP AN-2024-25 01 BRIDGE CONSTRUCTION INSPECTION SERVICES
REPLACEMENT OF BUNKER HILL ROAD BRIDGE OVER HOP RIVER

February 22, 2024

Employee owned. Client driven.

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BL Companies
Architecture
Engineering
Environmental
Land Surveying

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An Employee-Owned Company

February 22, 2024

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

RE: #RFP AN-2024-25 01 Bridge Construction Inspection Services
Replacement Of Bunker Hill Road Bridge Over Hop River

Dear Mr. Maguire:

BL Companies Connecticut, Inc. ("**BL Companies**") is pleased to submit a letter of interest to the Town of Andover for construction inspection services for the Bunker Hill Road Bridge Replacement project. Through our work on various projects with numerous Connecticut municipalities and the Connecticut Department of Transportation, BL Companies has developed a comprehensive and detailed understanding of the field inspection, construction engineering support and administrative support required for this project. As demonstrated by the enclosed qualification materials, BL Companies is uniquely qualified to successfully serve in this capacity for the Town of Andover.

BL Companies is a multi-disciplined firm that provides complete construction administration/inspection, transportation engineering, land surveying, and related services for a range of municipal and State clients. We are pre-qualified with the Connecticut Department of Transportation for Construction Engineering & Inspection for Roads and Bridges. Our company is composed of exceptional Construction Engineering and Inspection (CE&I) professionals with the expertise, availability, and desire to successfully complete this project. This project will engage our significant expertise, directly related project experience and technical skills, including:

- Construction Inspection Services
- Land Surveying Capabilities
- Construction Administration Services
- Significant Experience with CTDOT Construction Engineering & Inspection Guidelines and Related Requirements
- Materials Sampling & Testing Oversight and Quality Assurance
- Roadway Reconstruction, Preservation & Rehabilitation Experience
- Transportation & Infrastructure Engineering Support During Construction

BL Companies and our CE&I staff have completed many similar assignments for municipalities across Connecticut and have a wealth of relevant administration and inspection experience on bridge and structure rehabilitation projects. We have recently completed several bridge rehabilitation and replacement projects as outlined later in this submission and are also actively working on several projects that include the same. Therefore, the timing is ideal to allow for the transition of our inspection and project support team onto this project for the Town of Andover.

Within this response you will find information on multiple bridge rehabilitation and replacement projects, including the Skiff Street Bridge Replacement in Hamden and the Louisiana Avenue Bridge Replacement in Bristol. Additionally, you will find several more examples such as the Richmond Hill Avenue Bridge Replacement in Stamford, Old Main Street Bridge Replacement in Rocky Hill, as well roadway projects that have been recently completed that complement our deep knowledge of bridge replacement/rehabilitation inspection experience. Additionally, BL Companies continues to serve as one of the CTDOT's Consultant Liaison Engineers for the Federal-Local Bridge Program where our Inspection staff work side-by-side with our liaison engineers on projects as a construction resource early on in projects, addressing needs such as constructability, cost, and schedule impacts of design proposals. To say BL is well-versed in all aspects of bridge and structure design and construction is an understatement.

BL Companies maintains a medium sized construction inspection team that is focused on municipal projects that follow the Connecticut Department of Transportation Construction Guidelines. This approach allows us the ability to commit inspection staff to a particular project and ensure their continued involvement throughout its duration.

Matt Stark, NICET III is proposed as the Construction Coordinator for this project. Matt has significant bridge replacement/rehabilitation experience, having been the Chief Inspector on both the Skiff Street project in Hamden and the Louisiana Avenue project in Bristol. Under Matt's watchful eye, both projects were completed in a timely fashion with expedient project recordkeeping closeout. Within BL, Matt serves as our longest tenured inspector where he routinely acts as a mentor to younger staff on the nuances of field inspection and the specialty inspection needs of bridge rehabilitation and replacement projects.

James Murcia, EIT, is proposed as the Chief Inspector for this project. James currently serves as a Chief Inspector within BL, where he has spent over 5 years under Matt Stark honing his skills and climbing the ranks of the CE&I group. James served as a Senior Inspector on both the aforementioned Hamden and Louisiana Avenue projects with Matt and was then given the opportunity to serve as Chief Inspector on a signal replacement project in the Borough of Naugatuck. The intersection included two offset intersections with coordinated signals that crossed over a precast box culver mid-intersection.

As demonstrated above, BL Companies is exceptionally well qualified to complete this project for the Town given our experience, knowledge of CTDOT CE&I policies and procedures, and familiarity with CTDOT Construction Guidelines. As a team, our inspection staff possesses the requisite education, experience, and certifications required by the Department to provide the Town a high level of service. Additionally, BL believes that better designs come from better experience, so we have cross-trained several of our younger design staff to serve as ad-hoc inspectors to support our full-time staff, whereby they support daily activities if needed, and are provided an opportunity to be mentored by that staff in the construction operations of projects. This gives the CEI group further flexibility to cover operations and maintain a high level of service to clients, no matter the circumstances.

We look forward to the opportunity to work with the Town and believe that through our significant experience in construction engineering and inspection we can provide the Town a great benefit while assisting in every capacity to ensure the objectives and expectations of the Town are met. Matt or I may be reached at (203) 630-1406 or at ngiardina@blcompanies.com, should there be any questions or additional information needed.

Very truly yours,
BL Companies

Nicholas Giardina, PE
Director of Transportation & Public Infrastructure
Principal

FIRM OVERVIEW

About BL Companies

FIRM OVERVIEW

BL Companies, an employee-owned firm, is a leader in delivering high-quality, integrated architecture, engineering and related services to public and private clients for land development, building design, and infrastructure projects.

Founded in 1986 as a small transportation planning and civil engineering firm, BL Companies has grown to become a leading multi-discipline firm sought for our quality, creativity and expertise in producing successful project outcomes. We are dedicated to total client satisfaction. Our success is founded in our employee owners and a culture that inspires, challenges and insists on nothing short of professional excellence.

Consistently listed in the Top 500 Design Firms in the country by Engineering News-Record, BL Companies has offices in thirteen states, including Colorado, Connecticut, Florida, Maryland, Massachusetts, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Tennessee, and Texas.

As an employee-owned company, we advocate a team approach and strive to formulate long lasting relationships with our clients and business partners. We believe there is no limit to what a team can do when working in a true partnership. Supplying clients with creative solutions based on a collaborative process assures a result that is greater than the sum of its parts.

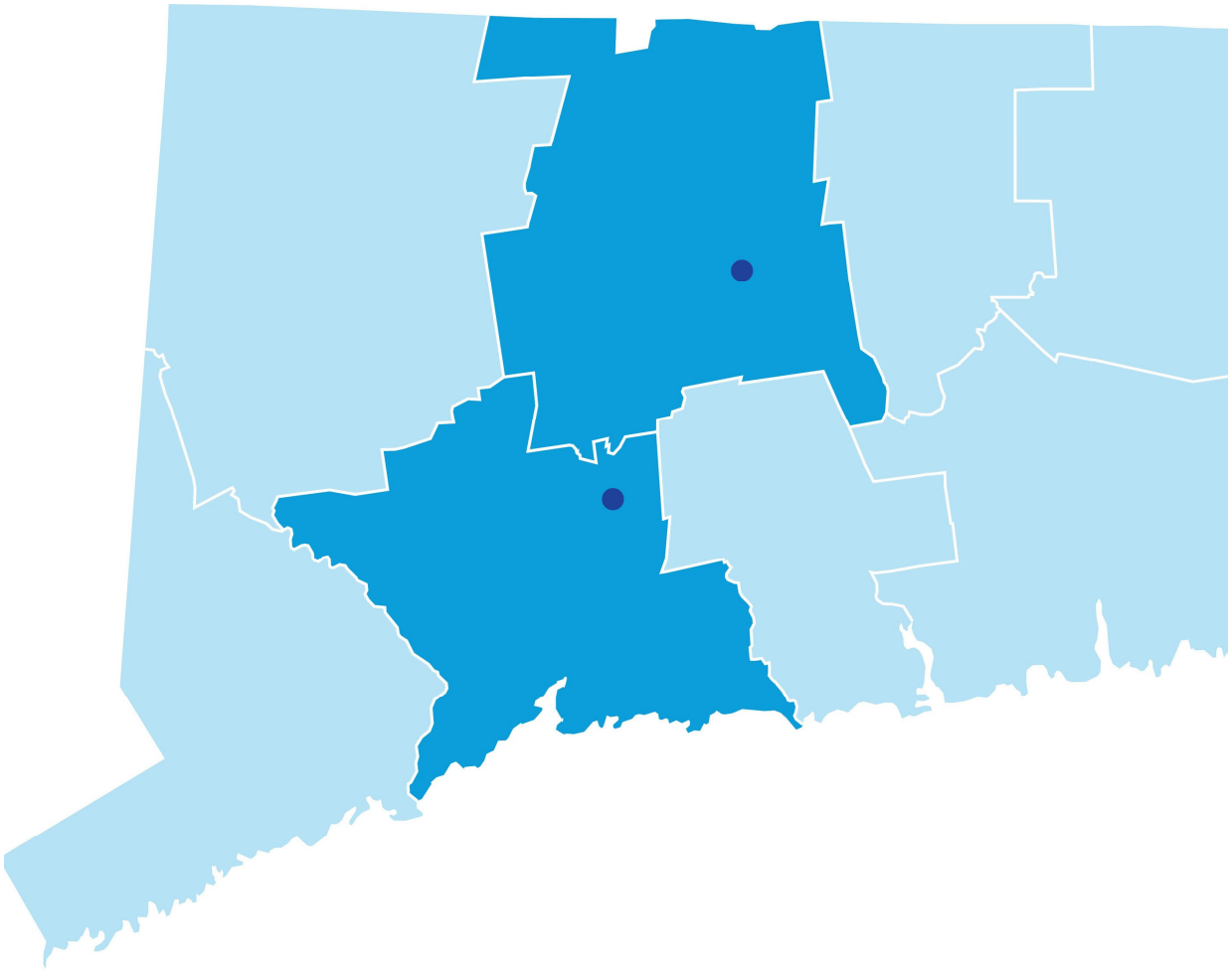
The employees at BL Companies are the foundation of our existence as a firm and a professional community. We help support our employees in finding the right balance between work and life. We are pleased to be an employee-owned, team-oriented company where every individual shares in each other's successes.

DELIVERING INTEGRATED SERVICES:

- Architecture
- Structural Engineering
- MEP Engineering
- Civil Engineering
- Transportation Engineering
- Landscape Architecture
- Planning
- Land Surveying
- Subsurface Utility Engineering
- Environmental Sciences
- Construction Inspection & Administration

BL Companies

Connecticut Office Locations



Meriden (Corporate Headquarters)
355 Research Parkway
Meriden, Connecticut 06450-7100

Hartford
100 Constitution Plaza, 10th Floor
Hartford, Connecticut 06103-2403

BL Companies

Construction Engineering & Inspection

FIRM OVERVIEW

BL Companies is a multidisciplinary firm that provides complete construction engineering and inspection, in addition to construction contract administration, site surveying, and related services for a range of municipal and state clients. BL is well versed in the standard 5-Book recordkeeping requirements, AASHTOWare SiteManager software, SharePoint, and other related software. Additionally, BL keeps a core group of inspection professionals who meet and exceed the certification requirements under many different jurisdictions. Our inspectors are certified by a range of governing bodies including the Northeast Transportation Training & Certification Program (NETTCP), the American Traffic Safety Services Association (ATSSA), the American Concrete Institute (ACI), and the Occupational Safety & Health Administration (OSHA).

BL Companies is a pre-qualified consultant with the Connecticut Department of Transportation for Construction Engineering and Inspection of roads and bridges. Similarly, BL holds on-call agreements with multiple Connecticut councils of government (COG's) for both design and inspection of similar municipal projects. BL is familiar with multiple different funding sources, including municipal/state bonded projects, Federally funded projects, CT Local Transportation Capital Improvement Program (LOTCIP), among others. BL repeatedly works with these funding sources and works to maximize our clients projects within their funding allowance.

WE SPECIALIZE IN:

- Construction engineering & inspection
- Full-time construction inspection
- Periodic site observation
- Coordination and procurement of material testing
- Construction administration & management
- Contractor change order & claim review
- Contractor payment requisition review & quantity verification
- Independent survey stakeout & verification
- As-built drawings
- Construction engineering support

BL Companies

STANDARD FORM SF330

ARCHITECT-ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

REPLACEMENT OF BUNKER HILL ROAD BRIDGE OVER HOP RIVER (Andover, CT)

2. PUBLIC NOTICE DATE	3. SOLICITATION OR PROJECT NUMBER
01/24/2024	RFP AN-2024-25 01

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Nicholas Giardina, PE, Director of Transportation & Public Infrastructure

5. NAME OF FIRM

BL Companies Connecticut, Inc.

6. TELEPHONE NUMBER	7. FAX NUMBER	8. E-MAIL ADDRESS
203.630.1406		ngiardina@blcompanies.com

C. PROPOSED TEAM

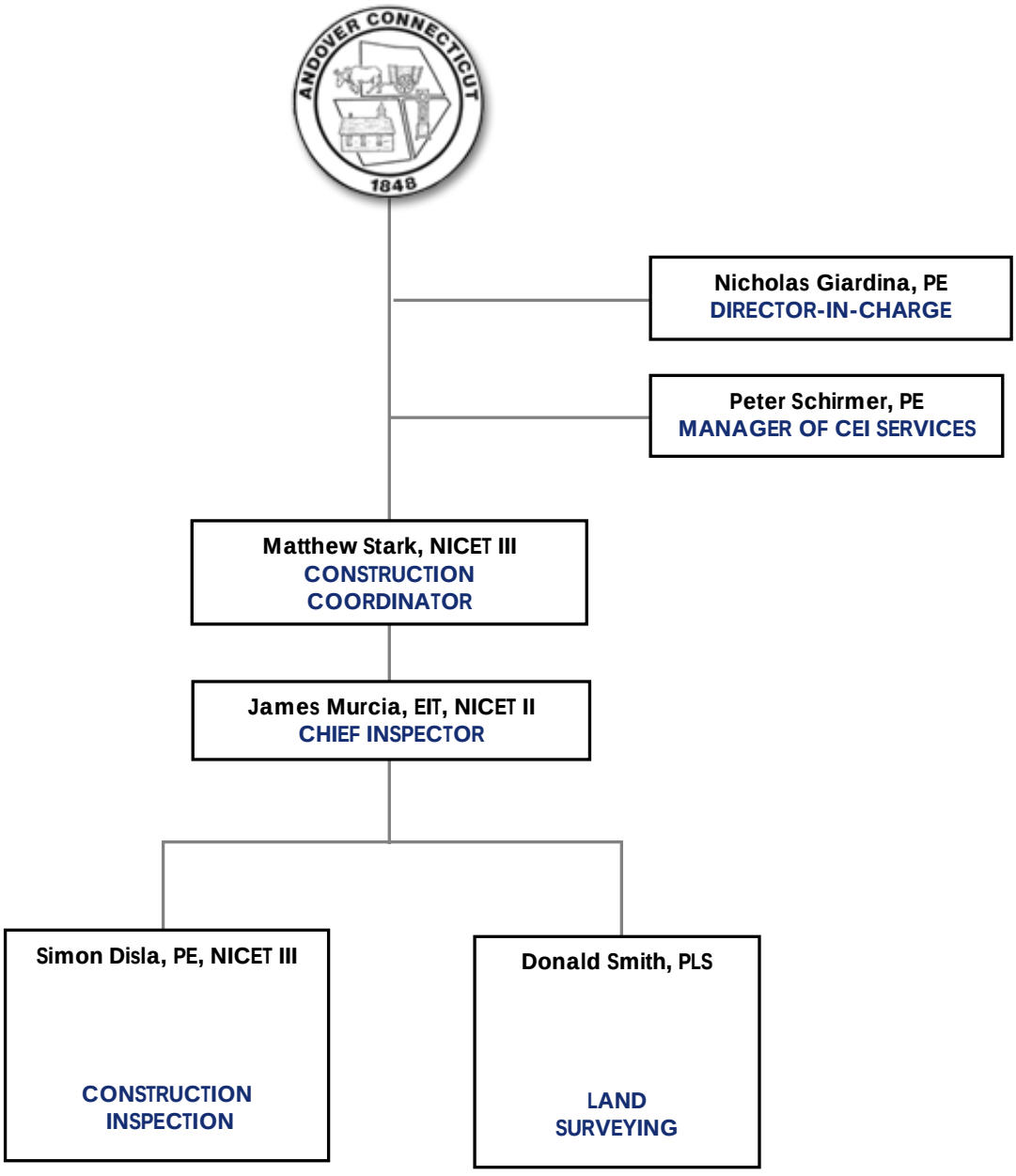
(Complete this section for the prime contractor and all key subcontractors.)

	(Check) PRIME	(Check) J-V PARTNER	(Check) SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	✓			BL Companies Connecticut, Inc. ☐ CHECK IF BRANCH OFFICE	355 Research Parkway Meriden, CT 06450	Construction Engineering & Inspection
b.				☐ CHECK IF BRANCH OFFICE		
c.				☐ CHECK IF BRANCH OFFICE		
d.				☐ CHECK IF BRANCH OFFICE		
e.				☐ CHECK IF BRANCH OFFICE		
f.				☐ CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM ☑ *(Attached)*

ORGANIZATIONAL STRUCTURE

PROJECT TEAM



BL Companies

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Matthew Stark	**Construction Coordinator**	20	10

15. FIRM NAME AND LOCATION *(City and State)*

BL Companies, Meriden, Connecticut

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Associates Degree, General Studies, Manchester Community College, 2000	NICET Level III Highway Construction Inspection #131582 NETTCP Concrete Inspector Certification #2104 NETTCP HMA Paving Inspector #3063 NETTCP Drilled Shaft Inspector #821 NETTCP Driven Pile Inspector #749 American Traffic Safety Services Association - Traffic Control Supervisor #769182

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

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Replacement of Bridge No. 04480 Louisiana Avenue over Coppermine Brook, Bristol, Connecticut**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2020	2021

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as the Chief Construction Inspector for the replacement of the existing Louisiana Avenue Bridge over Coppermine Brook for the City of Bristol, CT. This project is funded in-part under the Federal Local Bridge Program (FLBP). The project is a full superstructure replacement built on micropiles. The new bridge is a 53-foot single-span with reinforced pre-stressed concrete deck units, supported by reinforced concrete abutments. In addition to the new bridge, approximately 400 feet of roadway will be reconstructed, new drainage structures shall be installed, along with other utility relocations to be performed within the project limits. Full-time construction inspection is being provided in accordance with the FLBP Guidelines and the CTDOT District-1 Office. Project documentation requirements followed both CONNDOT's Municipal Manual and CONNDOT's Construction Manual's four-book system which requires strict material quality assurance and control testing.

b.

(1) TITLE AND LOCATION *(City and State)*: **Replacement of Bridge No. 04127 Skiff Street Bridge Replacement, Hamden, Connecticut**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2017	2020

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as the Chief Construction Inspector for the replacement of the existing Skiff Street Bridge over Mill River for the Town of Hamden, CT. This project is funded in-part under the Federal Local Bridge Program (FLBP). This is considered a complex project due to the high traffic volume that needed to be maintained during construction, numerous utility relocations, and accommodating the Mill River hydraulically. The new bridge is a 70-foot single-span steel girder structure with reinforced concrete deck, supported by reinforced concrete abutments founded on micropiles. In addition to the new bridge, approximately 900 LF of roadway was reconstructed. Full-time construction inspection was provided in accordance with the FLBP Guidelines and the CTDOT District-3 Office. Project documentation requirements followed both CONNDOT's Municipal Manual and CONNDOT's Construction Manual's four-book system which requires strict material quality assurance and control testing.

c.

(1) TITLE AND LOCATION *(City and State)*: **Arctic Street Bridge Replacement, Bridgeport, Connecticut**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2017	2017

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as the lead Construction Inspector for the replacement of the existing Arctic Street Bridge over Yellow Mill Channel. The project involved over-spanning the existing substructure with new pile-supported foundations that accepted the proposed precast concrete three-sided frame bridge to preserve the arch aesthetic appearance while relocating the utilities underground and addressing roadside safety. Inspection services included daily observation of contractor's activities, preparation of daily work reports, contractor and City coordination, utility coordination, material and laboratory testing, review of payment requisitions and change orders, as well as construction survey.

d.

(1) TITLE AND LOCATION *(City and State)*: **Wilmot Bridge Replacement, New Haven, Connecticut**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2016	2017

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as a Construction Inspector in a supporting role for the replacement of the existing Wilmot Bridge over the Wintergreen Brook for the City of New Haven under the Federal Local Bridge Program (FLBP). The existing twin-cell box culvert was replaced by a 22-foot single-span 3-sided precast rigid frame culvert on reinforced concrete strip footings. Documentation followed the Construction Manual's four-book system which requires strict material quality assurance and control testing.

e.

(1) TITLE AND LOCATION *(City and State)*

Harbor Brook Floodway Control Project, Meriden, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2022	On-going

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as Chief Construction Inspector for the reconstruction of Harbor Brook and associated utility bridge and multi-use trail. This project will fundamentally change the landscape of Meriden from the City green, southerly to Hanover Pond with nearly 50 properties being entirely removed from the floodplain and many more properties experiencing reduced flooding potential because of this work. A new bike-ped path, plantingXs, and attractive open brook channel will bring the city one step closer to linking the city center to the South Meriden center in a meaningful and inviting way. Mr. Stark oversaw all construction activities on the project which included the construction of a new utility bridge over Harbor Brook, a permanent soil wall, repairs and additions to existing superstructures, cast-in-place retaining walls, in-channel excavation, shaping of the stream embankments, monitoring contaminated soil. Administrative project duties as a Chief Construction Inspector also include the daily oversight of construction activities by the Contractor and all Subcontractors as well as providing oversight to a staff of Construction Inspectors. Other primary duties in this role on a day-to-day basis include writing daily work reports containing complex computations, processing of construction orders, payment requisitions, contract compliance with the approved contract documents and project specifications (CONNDOT FORM 817), as well as submittal reviews, RFI's, RFCs, and the oversight of all quality assurance material testing. Recordkeeping for the project conformed to CTDOT 4/5 Book System utilizing Infotech/Appia software.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
James Murcia	**Chief Inspector**	12	7

15. FIRM NAME AND LOCATION *(City and State)*
BL Companies, Meriden, Connecticut

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science in Civil Engineering, University of Connecticut, 2010 Master of Science in Construction Management, Central Connecticut State University, 2018	Engineer-In-Training: Connecticut

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
American Traffic Safety Services Association - Traffic Control Supervisor
NETTCP: Concrete Inspector, HMA Paving Inspector, Driven Pile Foundation Inspector
Energy World Net Operator Qualifications Certified

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Replacement of the Skiff Street Bridge over the Mill River (State Project #061-150), Hamden, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	2020

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as Construction Inspector for CTDOT Project #061-150. Duties included: monitoring and recordkeeping of all construction activities, preparing and certifying pay estimates, reviewing and processing construction change orders, providing a liaison between the contractor and Town of Hamden. The scope of work included the replacement of the bridge over the Mill River, full-depth roadway widening and reconstruction, relocation of underground and overhead utilities with durational temporary services, new drainage, concrete sidewalks and driveways. Due to the confined area and high volumes of traffic while maintaining existing lane usage, this project work was always staged to maintain two lanes of traffic during the project. The staging allowed for the isolation of the construction area and a portion of the bridge to be removed and replaced while traffic was maintained on the remaining portion of the bridge. On this project, coordination between CDOT, Contractor and Sub-Contractors, Town officials, and local businesses was a major role.

b.

(1) TITLE AND LOCATION *(City and State)*
Rubber Avenue at Hoadley & Melbourne Street Signal Replacement Project (State Project #87-146), Naugatuck, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as Chief Inspector for the completion of a complete replacement of a single intersection traffic signal on a main collector roadway, including new drainage, 400 linear feet of milling and paving, new sidewalks and ADA ramps, striping, signage, and property improvements.

c.

(1) TITLE AND LOCATION *(City and State)*
Gateway Commons Off-Site Improvements, East Lyme, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	2019

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Served as Inspector for the construction of off-site improvements required for a new commercial development in the Town of East Lyme. The project involved the reconstruction of on and off ramps to I-95 Northbound and Southbound, roadway reconstruction including a new drainage system, two new traffic signals and a traffic signal replacement on Flanders Road (Route 161). Worked closely with the inspection team, CTDOT District staff, the developer, and contractor to ensure that the construction was in conformance with the contract plans and specifications and in accordance with CTDOT requirements.

d.

(1) TITLE AND LOCATION *(City and State)*
West Dayton Hill Pond Dam Improvements, Wallingford, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2020	2020

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Served as Construction Inspector for Dam #14813 located in Wallingford. Duties include monitoring and recordkeeping of all construction activities and providing a liaison between the contractor and Town of Wallingford. The scope of work includes the removal of existing dam elements, installation of sheet piles, construction of reinforced concrete spillway, and installation of scour countermeasures. Due to the existing work conditions around Muddy River, handling and controlling water were priorities as well as maintaining erosion and sedimentation control measures on a daily basis.

e.

(1) TITLE AND LOCATION *(City and State)*
Kennedy Road Pavement Rehabilitation Phase II, Windsor, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
	2017

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Provided Construction Inspection support for the Reconstruction of Kennedy Road. This is the first project under the State's new LOTCIP funding program. This project included the rehabilitation of approximately 4,500 feet of the southbound portion of Kennedy Road and involved milling and replacement of 3 inches of bituminous concrete. Catch basin tops and manhole covers are also being replaced. Other incidental construction included the replacement of minor amounts of concrete sidewalks, ramps, and detectable warning strips, as well as the restoration of the medians and other disturbed areas.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Nicholas Giardina, Jr., PE	**Director-In-Charge, Principal**	38	11

15. FIRM NAME AND LOCATION *(City and State)*

BL Companies Connecticut, Inc., Hartford, Connecticut

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Master of Business Administration, Finance, University of Hartford, 1994 Bachelor of Science, Civil Engineering, University of Connecticut, 1986	Professional Engineer: Connecticut, Massachusetts, New York, Ohio, Rhode Island

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

Connecticut Association of Street and Highway Officials, Inc. (CASHO) Associate

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Silas Deane Highway Streetscape (Route 99), Rocky Hill, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2012	2018

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Served as Director-in-Charge for the streetscape planning, design, and construction administration engineering services for a portion of the Silas Deane Highway (Route 99) in Rocky Hill, Connecticut. The project runs for an approximate length of 1,500 feet, from Dividend Street to Elm Street. This project serves as a new identity and gateway into the existing Town Center. Intersection realignments, street trees, landscaped medians, ornamental lighting, brick pavers, and a variety of other aesthetic amenities were incorporated to create and promote a pedestrian-friendly environment.

b.

(1) TITLE AND LOCATION *(City and State)*
New Park Avenue over Kane Brook Bridge Replacement, Hartford, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2021	

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Served as Project Manager for the design of this project in conjunction with the City of Hartford and the MDC which has a major sewer relocation project through this site. The project consists of the replacement of a reinforced concrete arch culvert carrying New Park Avenue over Kane Brook, Bridge No. 063-006, in the City of Hartford.

c.

(1) TITLE AND LOCATION *(City and State)*
Wilcoxson Avenue Design Improvements, Safe Routes to School, Stratford, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2016	2016

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Served as Director-in-Charge on this project providing engineering and construction inspection services for the preparation of contract plans and documents for the safety improvements pertaining to all vehicular and pedestrian traffic accessing Wilcoxon Elementary School located at the junction of Wilcoxson Avenue and Beacon Street in Stratford, Connecticut (State Project No. 138-242). This project revised the pick-up and drop-off procedure and enhanced pedestrian safety at the school. The project also included a bus turn out on Wilcoxson Avenue, installation of new sidewalks, realignment of existing sidewalks, providing textured bituminous pavement at the intersection of Wilcoxson Avenue and Beacon Street, and updating parking lot pavement markings to include a parent drop off zone. This project was designed in accordance with applicable Connecticut Department of Transportation (CTDOT) and Federal Highway Administration (FHWA) design guidelines and standards, including the CTDOT Form 816.

d.

(1) TITLE AND LOCATION *(City and State)*
Reconstruction and Realignment of Pepper Street, Monroe, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Served as QC/QA Manager for this two-mile roadway reconstruction project. Roadway design included added sidewalk/trail, drainage improvements and a new traffic signal. Bridge design included the replacement of a culvert under Pepper Street.

e.

(1) TITLE AND LOCATION *(City and State)*
Kennedy Road Pavement Rehab, Windsor, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2015	2015

☑ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Served as Director-in-Charge on this project providing engineering and inspection services for the Kennedy Road Pavement Rehabilitation project for the Town of Windsor. This was the first project under the State's new LOTCIP funding program. The project involved milling and overlaying the southbound lane of Kennedy Road between CT Route 20 and I-91 for a distance of approximately 4,500 feet. The project also included replacing catch basin tops and manhole covers within the project limits. Other incidental construction included reconstructing sections of concrete sidewalks, ramps, detectable warning strips as well as restoring any of the areas disturbed during the construction process.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Peter Schirmer	**Manager of CEI**	30	6

15. FIRM NAME AND LOCATION *(City and State)*
BL Companies, Meriden, Connecticut

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science in Civil Engineering, University of Connecticut, 1995	Professional Engineer: Connecticut

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
NETTCP: HMA Paving Inspector, Soils and Aggregate Inspector, Concrete Inspector, QA Technologist
ATSSA Traffic Control Supervisor, Traffic Control Technician
OSHA 10-hour Construction

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Replacement of Bridge No. 04480 Louisiana Avenue over Coppermine Brook, Bristol, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2020	2021

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as the Construction Coordinator for the replacement of the existing Louisiana Avenue Bridge over Coppermine Brook for the City of Bristol, CT. This project was funded in part under the Federal Local Bridge Program (FLBP). The project was a full superstructure replacement built on micropiles. The new bridge is a 53-foot single-span with reinforced pre-stressed concrete deck units, supported by reinforced concrete abutments. In addition to the new bridge, approximately 400 feet of roadway were reconstructed, and new drainage structures were installed, along with other utility relocations performed within the project limits. Full-time construction inspection was provided in accordance with the FLBP Guidelines and the CTDOT District-1 Office. Project documentation requirements followed both CONNDOT's Municipal Manual and CONNDOT's Construction Manual's four-book system which requires strict material quality assurance and control testing.

b.

(1) TITLE AND LOCATION *(City and State)*
Replacement of Bridge # 158-021 Kings Highway North Over Willow Brook (CT State # 9158-021), Westport, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	2022

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as Construction Coordinator and Chief Inspector on the full bridge replacement of the bridge spanning Willow Brook on Kings Highway North in Westport, CT. Work included demolition of existing bridge, replacement with a precast culvert structure; reconfiguring of existing utilities along the structure including force main sewer, water main and telecommunication duct bank; installation of cofferdam and water handling measures to ensure environmental protection in a wetland area; concrete sidewalk, HMA pavement and a steel-backed timber guiderail system.

c.

(1) TITLE AND LOCATION *(City and State)*
Skiff Street Bridge Replacement, Hamden, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	2022

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as a Construction Coordinator and Inspector for the replacement of the existing Skiff Street Bridge over Mill River. This project was funded in part under the Federal Local Bridge Program (FLBP). This was considered a complex project due to the high traffic volume that needed to be maintained during construction, numerous utility relocations, and accommodating the Mill River hydraulically. The new bridge is a 70-foot single-span steel girder structure with reinforced concrete deck, supported by reinforced concrete abutments founded on micropiles. In addition to the new bridge, approximately 900 LF of roadway was reconstructed. Full-time construction inspection was provided in accordance with the FLBP Guidelines and the CTDOT District-3 Office. Documentation followed the Construction Manual's four-book system which requires strict material quality assurance and control testing.

d.

(1) TITLE AND LOCATION *(City and State)*
South Street Reconstruction and Pedestrian Improvements, Coventry, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2022	2023

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Serves as Construction Coordinator for the reconstruction of a section of South Street, including addition of a pedestrian trail. Responsibilities include on-site inspection, coordinating inspection staff, inspection documentation review, change orders, payment recommendations, and submittal reviews. Funded through the LOTCIP program, the project consists of approximately 2,800 LF of full-depth reconstruction and pavement reclamation from the Nathan Hale Homestead to Daly Road and includes a 6' wide bituminous concrete sidewalk that was added along the south side of the roadway to provide a safe passage for pedestrians along the corridor. Additional scope includes rework of an existing swale, including drainage improvements and a culvert to support the new sidewalk.

e.

(1) TITLE AND LOCATION *(City and State)*
Pepper Street Intersection Improvements and Multi-Use Trail, State Project No. 0084-0109, Monroe, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Serves as Construction Coordinator for the reconstruction of a section of Pepper Street, including intersection improvements at Route 25 and addition of a multi-use trail. Responsibilities include on-site inspection, coordinating inspection staff, inspection documentation review, change orders, materials testing, and submittal reviews. Recordkeeping is in conformance with the DOT Construction Manual under MSAT oversight. The project consists of approximately 4,600 LF of full-depth pavement reconstruction, drainage system upgrades including replacement of Bridge #84005, a signal replacement, and extension of a multi-use trail to connect to other trail sections in the area.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Simon Disla	**Construction Inspector**	27	4

15. FIRM NAME AND LOCATION *(City and State)*
BL Companies, Meriden, Connecticut

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science in Civil Engineering, Autonomous University of Santo Domingo, 1987	Licensed Professional Engineer: Dominican Republic, 1988 NICET Level III, Highway Construction

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
NETTCP: HMA Paving Inspector, Concrete Inspector, Soils and Aggregate Inspector, Driven Pile Foundation Inspector, Concrete Technician Certification. Energy World Net Operator Qualifications Certified , Construction Inspection and Supervision (CTDOT), Design and Operation of Work Zone Traffic Controls (FHWA / NHI), Developing Traffic Control Strategies (FHWA / NHI), Runway Safety Operations (FAA), Airport Certifications (ICAO), Construction Management (Pryor Seminars), OSHA 10 Construction Safety Certification, ATSSA Certified Traffic Control Technician & Traffic Control Supervisor

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Farmington Canal Heritage Trail – Lazy Lane to Aircraft Road Project (State Project #131-203), Southington, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2023	2023

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as a Chief Construction Inspector to provide on-site construction management, coordination, evaluation and inspection to complete removal of existing Railroad Tracks and construct a multi-use trail path of approximately 1.3 miles along existing Railroad Tracks location across the Town of Southington, including excavation, grading, compaction and paving, concrete sidewalks, concrete sidewalk ramps, decorative bituminous concrete crosswalks, repointed masonry of exiting historical Brownstone Bridge, under bridge luminaires, fences and metal beam rails, landscaping, improvements to bituminous concrete roadways crossing intersections, and removal and replacement of bituminous concrete curbing. Construction of this Southington segment is one of many trail segments along the FCHT under development for the trail system that will extend roughly 84 miles from New Haven, CT to Northampton, MA.

b.

(1) TITLE AND LOCATION *(City and State)*
Silas Deane Highway Pedestrian Improvement Project – Phase III (State Project #118-172), Rocky Hill, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2020	2021

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as a Chief Construction Inspector to provide on-site construction management, coordination, evaluation and inspection to complete removal, relocation, and reconstruction of 6000' LF of sidewalk on both sides of the Silas Deane Highway, including 76 new decorative lights, decorative crosswalks, new bus shelters and pads, clay paver banding and details, landscaping, improvements to bituminous concrete driveways and aprons, and removal and replacement of bituminous concrete curbing. Overall project was the capstone to an overarching project to create a walking corridor for the Town, which does not have a Town Green.

c.

(1) TITLE AND LOCATION *(City and State)*
CTDOT Maintenance Facilities, UST Removal and Replacement, District 3 – Branford & New Haven, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
	2019

Check if project performed with current firm

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Served as a Senior Construction Inspector to provide on-site construction management, coordination, evaluation and inspection for UST removal and replacements. Monitored the contractors' operations, conducted field inspection, prepared and submitted daily inspection reports (DWRs), established and maintained project records, took field measurement, made computation for payments, and took samples for testing. Other responsibilities included observation of construction methods and materials used to ensure projects were constructed according to the plans, specifications and safety standards, performing utilities coordination for adequacy, relocation or reconstruction work as well as updating project records. Inspection included demolition, earth and structural excavation, aggregate, reinforced concrete, hot mix, underground fuel storage tank replacement, fuel dispenser, and facility construction.

d.

(1) TITLE AND LOCATION *(City and State)*
Town of East Hartford Roadway and Drainage Improvements Project Contract No. 18-04, East Hartford, Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
	2018

Check if project performed with current firm

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as Senior Construction Inspector responsible for inspecting the roadway reconstruction and drainage improvements project for the City of East Hartford. Other responsibilities included: inspecting removal and conversion of drainage structures, included the removal, replace and reset for catch basins and manholes; removal of existing pavement; trenches and roadway excavation; formation of subgrade, sub-base, base for new pavement structure; sedimentation control system; full depth reclamation; handling reclaimed asphalt pavement; bituminous conc. Lip and granite stone curbing; concrete sidewalks and concrete sidewalk ramps; bituminous concrete driveways; topsoil and turf establishment, etc.; I monitored, evaluated and inspected contractor and subcontractors operations and work performance; interpreted and reviewed plans, contracts and specs to assure construction methods, construction details, manpower and equipment, materials used and safety compliance of the project; prepared and submitted daily work reports in construction management software; taking field measurements and making computations for payment.

e.

(1) TITLE AND LOCATION *(City and State)*

Replacement & Improvement of Highway Signs on I-395 (NB & SB), CDOT, Eastern Connecticut

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
	2016

Check if project performed with current firm

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as a Construction Inspector III responsible for monitoring, evaluating and inspecting contractors' operations and work performance in accordance with approved plans, contracts and specifications. Responsibilities included interpreting and reviewing plans, contracts, specifications, construction manual and regulations to assure construction methods, materials used, construction details, environment protection and safety compliance. Other responsibilities also included inspecting and overseeing construction operations performed by the contractor and subcontractors to assure established requirements compliance as well as verifying the appropriate construction works, workmen functions and equipment, and materials used on project. Field investigations were performed, prepared and submitted DWRs in Site Manager. Assisted the Resident Engineer in reviewing and updating records for project quality and control.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Donald Smith	**Land Surveyor**	29	20

15. FIRM NAME AND LOCATION *(City and State)*

BL Companies, Meriden, Connecticut

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Associates of Civil Engineering/ Structural, Bristol Community College, 2001 Bachelor of Arts in Earth Science, Southern Connecticut State University, 1993	Licensed Land Surveyor: Connecticut

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

OSHA 10-Hour Outreach for Construction
FAA UAS Remote Pilot License
PADI Scuba Divemaster
OSHA 10-Hour Safety Training; Metro North Railroad Safety Training

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Statewide Bridge Reconstruction Design Task Order, Bridge Group 17B, RIDOT, Burrville, Rhode Island**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: On-going; CONSTRUCTION *(if applicable)*:

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as a Senior Survey Project Manager for Assignment 1 (Bridge Group 17B) under the statewide bridge reconstruction task order contract for the Rhode Island Department of Transportation. Bridge Group 17B involves four bridges and a retaining wall in Burrillville, RI. The scope of work on the four bridges includes the bridge preservation, superstructure replacement, and major rehabilitation plus reconstruction of a failed retaining wall. Survey services included detailed topographic survey for each bridge structure and the retaining wall, establishment of the road right-of-way, and hydraulic cross-sections for the bridges spanning watercourses.

b.

(1) TITLE AND LOCATION *(City and State)*: **On-Call Scoping and Preliminary Design Program, Woonsocket Corridor, RIDOT, Woonsocket, Rhode Island**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: On-going; CONSTRUCTION *(if applicable)*:

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Served as a Senior Survey Manager for the Scoping and Preliminary Design of pavement and sidewalk improvements along Social Street and Diamond Hill Road in Woonsocket, RI. This assignment also consists of the replacement of one bridge along Privilege Street and the rehabilitation/preservation of seven other nearby bridges. Project responsibilities include project management of the land surveying and mapping efforts on the assignment. Survey services included the establishment of a primary GPS control network, detailed topographic survey for ADA ramp improvements, and right of way establishment along the corridor.

c.

(1) TITLE AND LOCATION *(City and State)*: **State Project 83-269, Naugatuck Avenue, Milford over the Metro North Railroad in support of the Consultant Liaison Engineering Services for the State Bridge Program, Connecticut Department of Transportation (CTDOT)**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: On-going; CONSTRUCTION *(if applicable)*:

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Currently serving as the Senior Project Manager providing land surveying services in support of State Project 83-269, Naugatuck Avenue over the Metro-North Railroad in Milford, CT. as part of CTDOT's Consultant Liaison Engineering (CLE) State Bridgeogram. The vicinity of the survey runs along Naugatuck Avenue in Milford, CT and includes Bridges 03642 over the Danbury Branch of the Metro North Railroad and Bridge 03641over the 4-track main line of the Metro North Railroad. Survey services include performing a property and topographic survey of the scope limits to include the existing railroad right of way, highway lines, adjoining property lines, topographic features, bridge structural locations, and related mapping. The survey team utilized 3D laser scanning capabilities to safely obtain bridge and Railroad track locations that were inaccessible due to electrified lines and rail traffic.

d.

(1) TITLE AND LOCATION *(City and State)*: **Rhode Island Department of Transportation, Route 37 Bridge Project, Warwick/Cranston, Rhode Island**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: On-going; CONSTRUCTION *(if applicable)*:

✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Serving as Senior Project Manager for the land surveying and mapping services required to support the design of fifteen bridges; 5 being designed for rehabilitation/replacement and 10 being designed for preservation. Survey services included the preparation of an up-to-date survey base map, including locating all drainage outlets along the route, wetland delineation along the project corridor, detailed bridge surveys with 3D laser scanning for the 5 rehabilitation sites, right-of-way determination along the project corridor, and preparation of a preliminary right-of-way plan. All work was done to RIDOT survey standards.

e.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: On-going; CONSTRUCTION *(if applicable)*:

	Rhode Island Department of Transportation, I- 295 corridor Preliminary Engineering Investigation and Design of an Auxiliary Lane from the Route 37 Interchange Northerly to the Route 6 WB Interchange, Cranston/Johnston, Rhode Island	✓ *Check if project performed with current firm*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Serving as Senior Project Manager for the land surveying and mapping services required to support the preliminary engineering investigation and design of an auxiliary lane for a section of the I-295 northbound corridor between the Route 37 interchange in Cranston running northerly to the Route 6 westbound interchange in Johnston, RI. Survey services included the preparation of an up-to-date survey that included new aerial mapping, locating all drainage outlets along the easterly side of route 295, utility locations, wetland delineation locations, right-of-way determination, field location of critical design elements, and preparation of a preliminary data accumulation survey. All work was done to RIDOT survey standards.

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.)*	20. EXAMPLE PROJECT KEY NUMBER **1**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Louisiana Avenue Bridge Replacement, Bristol, Connecticut	2020	2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Bristol	Mr. Raymond Rogozinski, PE	(860) 584-6113

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided full-time Construction Engineering & Inspection services for the City of Bristol's Replacement of Bridge No. 04480, the Louisiana Avenue Bridge over Coppermine Brook. The major component of the project was replacement of the existing two-span, 49.5-foot concrete slab superstructure which was supported by concrete abutments and a center pier on spread footings, with a new single-span bridge supported by deep micropile foundations.

The project involved full-depth roadway reconstruction, milling and paving, new concrete sidewalks and ADA-compliant curb ramps. Additionally, stormwater drainage work, temporary and permanent utility relocations including a major waterline replacement across the bridge, sedimentation and erosion controls, and restoration, detours, and landscaping were part of the scope. Due to the potential for flooding of the work area during a storm event, a Flood Contingency Plan was required for this Project.

Inspection responsibilities included construction inspection in accordance with the CTDOT Municipal Manual, Form 817 and the CTDOT Construction Manual. Tasks included utility coordination, pre-construction meeting, materials testing, daily field inspection, quantity computations, reviewing the contractor's payment requisitions, developing and processing change orders, permit compliance, stormwater monitoring, and project closeout.

Project Cost: $3,000,0000
Firm's Fee: $308,700 (Design)
Firm's Fee: $369,000 (CE&I)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Hartford, Connecticut Meriden, Connecticut	Bridge / Structural Engineering Roadway Engineering Traffic Engineering Hydrologic / Hydraulic Engineering Environmental Sciences Land Surveying Construction Engineering & Inspection

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.)*		20. EXAMPLE PROJECT KEY NUMBER **2**
21. TITLE AND LOCATION *(City and State)* **Skiff Street Bridge Replacement, Hamden, Connecticut**	22. YEAR COMPLETED PROFESSIONAL SERVICES 2019	CONSTRUCTION *(if applicable)* 2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Hamden	Mr. Stephen White, PE	(203) 287-7040

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided full-time Construction Engineering and Inspection support for the Replacement of Bridge No. 04127, Skiff Street over Mill River in Hamden, CT. This was a 3-year, multi-phase project valued at over $6,000,000. The corridor in which the bridge lies, is a heavily travelled road which also serves as a major thoroughfare for numerous utilities who utilize it for both their transmission and distribution. The project included reconstructing approximately 900 LF of roadway in addition to the 70-foot single-span multi-steel girder structure with a reinforced concrete deck, is supported on micropile-in-rock founded concrete abutments, spanning a very-hydraulically and environmentally sensitive river.

The project was inspected in accordance with the Federal Local Bridge and CTDOT guidelines and manuals, including implementation of the Construction Manual's four-book system with strict material quality assurance and control testing. BL also provided field Survey Verification of critical construction elements, as needed, and utilized an independent testing partner to perform all necessary material quality assurance testing. BL Companies is also the designer of record for the project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Meriden, Connecticut Hartford, Connecticut	Bridge / Structural Engineering Transportation Engineering Traffic Engineering Hydraulics and Hydrology Land Surveying Construction Engineering & Inspection

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.)*		20. EXAMPLE PROJECT KEY NUMBER **3**
21. TITLE AND LOCATION *(City and State)* **Replacement of the Wilmot Road Bridge (Bridge No. 04892) over Wintergreen Brook, New Haven, Connecticut**	22. YEAR COMPLETED PROFESSIONAL SERVICES 2017	CONSTRUCTION *(if applicable)* 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of New Haven	Mr. Giavanni Zinn, PE	(203) 946-8105

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided design services for the replacement of the Wilmot Road Bridge (Bridge No. 04892) over Wintergreen Brook for the City of New Haven under the Connecticut Department of Transportation's Federal Local Bridge Program.

The original twin-cell box culvert was replaced with a single 22-foot-span, 7-foot-high, 3-sided precast rigid frame culvert on reinforced concrete strip footings. The new structure provides improved hydraulic performance and additional capacity by eliminating the twin cells which create a snag for debris during high-flow conditions and clear spanning Wintergreen Brook. The proposed structure will also improve the aquatic habitat in the immediate area by providing a wildlife shelf along the edge of Wintergreen Brook as well as a natural streambed within the limits of the structure, and will eliminate the current perched condition. The new structure has reinforced concrete endwalls that extend and flare outside of the clear zone, eliminating the need for traffic guide railing.

BL Companies also assisted the City throughout the construction phase of the project. BL provided full-time construction engineering and inspection in accordance with the Federal Local Bridge Guidelines and the CTDOT District 3 MSAT leader. The documentation required on the project involved implementing the Construction Manual's four-book system with strict material quality assurance and control testing.

Construction Cost: $1,446,000
Firm's Fee: $251,900 (Design)
$183,700 (C.I.)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Hartford, CT Meriden, CT	Bridge/Structural Engineering Hydraulics, Drainage & Permitting Land Surveying Transportation Engineering Environmental Services Construction Engineering & Inspection

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.)*	20. EXAMPLE PROJECT KEY NUMBER **4**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Replacement of the Old Main Street Bridge (Bridge No. 118008) over Goff Brook, Rocky Hill, Connecticut	2014	2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Rocky Hill	Mr. James Sollmi, PE, LS	(860) 258-2762

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided design and full-time Construction Administration and Inspection services for the Town of Rocky Hill for the Replacement of the Old Main Street Bridge (Bridge No. 118008) over Goff Brook and the reconstruction of approximately 420 linear feet of roadway. Inspection was performed in accordance with the Connecticut Construction Manual guidelines.

The new bridge over-spanned the existing substructure with new pile-supported foundations which accepted the proposed precast concrete three-sided frame bridge. The structure was replaced with a 31-foot span. The abutments were modified to an elevation of one foot above the two-year storm frequency elevation to maintain a low flow channel. This approach reduced the work associated with excavating the existing structure, minimized the water handling/ environmental impacts, reduced the construction duration and overall project cost. Other improvements included the addition of a sidewalk and upgraded parapets and guide rail systems to meet current safety standards.

Inspection responsibilities included pile installation, environmental/permit compliance, paving, materials testing, and maintenance and protection of traffic and a detour while the road was closed for the bridge replacement.

Construction Cost: $1,313,000

AWARD
2015 Transportation ACE Award
CBC 2016 Annual Project Team Awards, Award of Merit, Transportation/Utilities/Civil

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Meriden, Connecticut Hartford, Connecticut	Bridge/Structural Engineering Hydraulics, Drainage & Permitting Land Surveying Transportation Engineering Environmental Services Construction Engineering & Inspection

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.)

20. EXAMPLE PROJECT KEY NUMBER: **5**

21. TITLE AND LOCATION *(City and State)*: **Kings Highway North Bridge Replacement, Westport, Connecticut**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2019	2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Westport	Mr. Peter Ratkiewich, PE	(203) 341-1120

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided construction engineering and inspection services for the Replacement of the Kings Highway North Bridge (Bridge No. 158-021) over Willow Brook and the reconstruction of approximately 155 linear feet of roadway for the Town of Westport, including the reconstruction and relocation of a major 24" water main. The design team worked closely with the water company to relocate and replace the 24" main with a 16" main on its own utility bridge adjacent to the proposed Kings Highway structure. The project was funded through local Connecticut Department of Transportation's State Local Bridge Program.

The existing 14-foot concrete deck slab bridge, which was built in 1930 and has been identified as a historical structure, was replaced with a 3-side box culvert on a spread footing structure that maintains the aesthetics of the original bridge due to its historic significance. The span of this structure provides adequate hydraulic capacity to carry the tidally influenced Willow Brook. Prior to demolition of the existing bridge, the round river stone on the parapet's masonry facing was carefully reviewed. The new wing walls and parapets were constructed with new stone masonry facing to provide a similar aesthetic appearance to the existing bridge.

BL Companies also provided land surveying and mapping services including the researching of utility companies and Town records to determine the extent of underground utilities. Additionally, adjacent property owner records were researched to determine right-of-way limits.

Construction Cost: $1,500,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Meriden, Connecticut Hartford, Connecticut	Bridge / Structural Engineering Transportation Engineering Hydraulic Engineering Environmental Sciences Land Surveying Construction Engineering & Inspection

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.)

20. EXAMPLE PROJECT KEY NUMBER: **6**

21. TITLE AND LOCATION *(City and State)*: **Richmond Hill Avenue Bridge Replacement, Stamford, Connecticut**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2009	2010

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Stamford	Mr. Louis Casolo, Jr., PE	(203) 977-5796

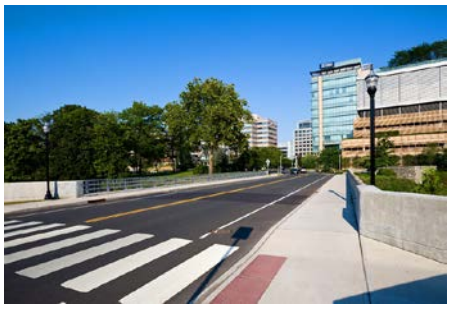
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided design and construction inspection services for the replacement of the Richmond Hill Avenue Bridge over the Rippowam River. The design consisted of a full deck replacement with superstructure, substructure repairs and scour countermeasures. A continuous deck system was utilized to eliminate the deck joint over the center pier. Concrete spalling and cracking at abutments, wingwalls and piers were also repaired.

BL Companies provided land surveying and mapping, environmental services, preliminary engineering studies, preliminary and final design, permitting, bidding phase services, shop drawing review, full time construction administration and inspection and consultation during construction. These services generally included bridge type studies, geotechnical investigations, boring plans, wetlands evaluations, roadway detour plans, roadway cross sections and details, hydraulics and drainage, utility coordination, and the design of pavement markings and signage.

The construction engineering and inspection included providing full time resident engineer/chief inspector in addition to technical, clerical and administrative support in accordance with CTDOT Construction Inspection requirements. The construction engineering and inspection included construction survey, material testing, development and maintenance of project records, monitoring of traffic control, coordination and liaison, plan review, environmental monitoring and construction certification.

Project Cost: $3,423,514



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Meriden, Connecticut	Bridge / Structural Engineering Hydraulics & Drainage Environmental Sciences Land Surveying MEP Engineering Construction Engineering & Inspection

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.)*	20. EXAMPLE PROJECT KEY NUMBER **7**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Arctic Street Bridge Replacement over Pembroke Lakes **Bridgeport, Connecticut**	2016	2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Bridgeport	Mr. Jon Urquidi, PE	(203) 576-7211

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided design services for the City of Bridgeport to replace the existing Arctic Street Bridge over the Pembroke Lakes with the objective of providing a safe structure that meets current load standards, has low initial and life-cycle costs, is easy for the City to maintain, and minimizes impacts to local residents. This bridge is under the Connecticut Department of Transportation's State Local Bridge Program.

This bridge was originally built in 1934, and after nearly 80 years of use, the overall structure was in poor condition, having significant distress and/or deterioration to all of its primary components. The reinforced concrete substructure (abutments and wingwalls) exhibited several large cracks with evidence of movement, suggesting excessive settlement or instability. The arch superstructure had several areas of spalled concrete, exposing corroded reinforcing bars. The approach roadway was also in poor condition exhibiting severe map cracking throughout.

The proposed design solution involved over-spanning the existing substructure with new reinforced concrete abutments with weathered steel girders in composite action with a reinforced concrete deck. The proposed bridge is a semi-integral abutment system which eliminates deck joints which has been shown to be the leading cause for bridge deterioration. This approach minimized the Contractor's work in the waterway reducing the construction cost and duration while providing an aesthetically pleasing structure with a long service life that requires minimal maintenance in the future.

Project Cost: $1,900,000
Firm's Fee: $212,000 (Design);
$210,000 (CA & CI)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Meriden, Connecticut Hartford, Connecticut	Bridge / Structural Engineering Transportation Engineering Hydraulic & Hydrologic Engineering Environmental Permitting Environmental Sciences Land Surveying Construction Support Services

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.)*	20. EXAMPLE PROJECT KEY NUMBER **8**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
South Street Roadway & Pedestrian Improvements, Coventry, Connecticut	2022	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Coventry	Todd Penney, PE	(860) 742-4078

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided design services for the South Street Roadway and Pedestrian Improvements project located in Coventry, CT. The Project, funded through the LOTCIP program, includes approximately 2,800 linear feet of full-depth reconstruction from the Nathan Hale Homestead to Daly Road. A portion of the corridor has been designated as "Scenic" through the Connecticut Scenic Roads Commission. This made it extremely important to maintain the integrity of the roadway while rectifying the drainage, pavement structure and lack of sidewalk issues during design. The corridor is heavily used on the weekends from June to October for the Farmer's Market that is held at the Nathan Hale Homestead. At its peak, there are more than 3,000 people at a given time, which was the impetus for providing safe connectivity from the on-street parking along South Street to the Farmer's Market. In order to accommodate the proposed sidewalk, the existing swale was redesigned and enhanced to provide better water quality treatment while providing space for a 6-foot-wide walkway. All of these elements were designed in conjunction with the Town's Engineering Staff, Wetland commission and Scenic/Historic Road commission in order to maintain the scenic and historic character of the corridor.

BL Companies is currently providing full-time construction engineering and inspection services to the Town in accordance with the CTDOT Construction Manual, Municipality Manual, and LOTCIP Guidelines. Inspection responsibilities include utility coordination, preconstruction and progress meetings, materials testing verification, daily field inspections, quantity computations, reviewing the contractor's payment requisitions, processing change orders, and project closeout.

Construction Cost: $1,500,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Hartford, Connecticut Meriden, Connecticut	Transportation Engineering Traffic Engineering Streetscape Design Landscape Architecture Planning Construction Engineering & Inspection

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.)*	20. EXAMPLE PROJECT KEY NUMBER **9**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Reconstruction of Pepper Street (State Project No. 84-109) **Monroe, Connecticut**	2019	2024

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Monroe	Mr. Chris Nowacki	(203) 452-2814

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies is currently providing full-time Construction Engineering & Inspection services for the Reconstruction of Pepper Street (State Project No. 84-109) in the Town of Monroe. This project involves the realignment, reconstruction and widening of approximately 4,500 LF of Pepper Street. The project utilizes Surface Transportation Program (STP) Urban funding and is overseen by CTDOT. The improvements to the roadway include intersection improvements to provide additional turn lanes and sight distances, a new signal, and drainage upgrades.

This project also includes the construction of approximately 2,000 LF of a new multi-use trail as well as the replacement of the Pepper Street box culvert over the Pequannock River. Permitting for this project includes a Local Inland Wetlands approval, CT Addendum application to CTDEEP 401 Water Quality Certification, Army Corps. Of Engineers (ACOE) 404 Application and Pre-Construction Notification (PCN) and a General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities.

Inspection responsibilities include construction inspection in accordance with the CTDOT Municipal Manual, Form 816/817 and the CTDOT Construction Manual. Tasks include utility coordination, pre-construction and progress meetings, materials testing, daily field inspection, quantity computations, reviewing the contractor's payment requisitions, developing and processing change orders, permit compliance, stormwater monitoring, and project closeout.

Construction Cost: $5,500,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Meriden, Connecticut Hartford, Connecticut	Transportation/Traffic Engineering Bridge / Structural Engineering Landscape Architecture Land Surveying Environmental Sciences Civil Engineering Construction Engineering & Inspection

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.)*	20. EXAMPLE PROJECT KEY NUMBER **10**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Rubber Avenue Traffic Signal, Naugatuck, Connecticut	2019	2023

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Borough of Naugatuck	Mr. James Stewart, PE, LS	(203) 720-7026

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

BL Companies provided full-time Construction Engineering & Inspection services for the intersection improvements at Rubber Avenue and Melbourne Street/Hoadley Street in the Borough of Naugatuck. The project was funded by SAFETEA-LU Local Road Accident Reduction Program (LRARP).

Design included a complete replacement of the existing traffic signal hardware, controller cabinet, and signal heads, as well as new vehicle detectors, emergency vehicle pre-emption, pavement markings and a pedestrian signal phase. The project included new sidewalks and ADA-compliant sidewalk ramps, drainage improvements at the intersection, and streetscape elements such as decorative crosswalks.

Inspection responsibilities included construction inspection in accordance with the CTDOT Municipal Manual, Form 817 and the CTDOT Construction Manual. Tasks included utility coordination, preconstruction and progress meetings, materials testing, daily field inspection, quantity computations, reviewing the contractor's payment requisitions, developing and processing change orders, permit compliance, stormwater monitoring, and project closeout.

Project Cost: $800,000 (Estimated)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	BL Companies	Meriden, Connecticut Hartford, Connecticut	Traffic/Transportation Engineering Civil Engineering Land Surveying Construction Engineering & Inspection

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL *(From Section E, Block 12)*	27. ROLE IN THIS CONTRACT *(From Section E, Block 13)*	28. EXAMPLE PROJECTS LISTED IN SECTION F *(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)*									
		1	2	3	4	5	6	7	8	9	10
Matthew Stark	Construction Coordinator	X	X	X	X			X			
James Murcia	Chief Inspector		X								X
Nicholas Giardina	Director-In-Charge	X	X	X	X	X	X	X	X	X	X
Peter Schirmer	Manager of CEI	X	X			X			X	X	
Simon Disla	Construction Inspector										
Donald Smith	Land Surveyor		X				X				

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT *(From Section F)*	NUMBER	TITLE OF EXAMPLE PROJECT *(From Section F)*
1	Louisiana Avenue Bridge Replacement	6	Richmond Hill Avenue Bridge
2	Skiff Street Bridge Replacement	7	Arctic Street Bridge Replacement
3	Replacement of the Wilmot Road Bridge	8	South Street Roadway & Pedestrian Improvements
4	Replacement of the Old Main Street Bridge	9	Reconstruction of Pepper Street
5	Kings Highway North Bridge Replacement	10	Rubber Avenue Traffic Signal

H. ADDITIONAL INFORMATION

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

2/20/2024

33. NAME AND TITLE

Derek A. Kohl, President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(if any)*:

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME BL Companies Connecticut, Inc.			3. YEAR ESTABLISHED 1986
2b. STREET 355 Research Parkway			4. UNIQUE ENTITY IDENTIFIER VCATYS5E1YJ8
2c. CITY Meriden	2d. State CT	2e. ZIP CODE 06450	5. OWNERSHIP a. TYPE Corporation b. SMALL BUSINESS STATUS
6a. POINT OF CONTACT NAME AND TITLE Mr. Derek A. Kohl, PE, Executive Director of Engineering & Survey			7. NAME OF FIRM *(if block 2a is a branch office)* BL Companies, Inc.
6b. TELEPHONE NUMBER (203) 630-1406	6c. E-MAIL ADDRESS dkohl@blcompanies.com		
8a. FORMER FIRM NAME(S) *(if any)* Same Parent Company, former legal name: Barakos-Landino, Incorporated Same Parent Company, former trade name: Barakos Landino Design Group			8b. YR. ESTABLISHED 1986 8C. DUNS NUMBER 15-105-5472

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	35	31
06	Architect	34	20
08	CADD Technician	13	8
12	Civil Engineer	85	17
15	Construction Inspector	14	4
21	Electrical Engineer	18	13
24	Environmental Scientist	45	21
25	Plumbing / Fire Protection	7	6
29	GIS Specialist	4	4
30	Geologist	4	
38	Land Surveyor	32	15
39	Landscape Architect	10	3
42	Mechanical Engineer	25	13
57	Structural Engineer	15	8
60	Transportation Engineer	29	5
16	Construction Manager	2	1
	Total	372	169

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

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
B02	Bridges	7
W01	Warehouses	9
S11	Sustainable Design	2
E09	Environmental Impact Studies	6
H07	Highways; Streets; Air. Paving...	7
L01	Laboratories	4
L03	Landscape Architecture	6
S09	Structural Design, Special Struct..	5
S13	Stormwater Handl. and Facilities	4
P05	Planning (Community...)	6
P06	Planning (Site, Project...)	8
T03	Traffic & Transportation Eng	8
U02	Urban Renewals; Comm. Devl.	5
S10	Surveying; Platting, Mapping...	7
Z01	Zoning; Land Use Studies	3
B01	Barracks, Dormitories	4
G01	Garages; Parking Decks	4
H08	Historical Preservation	2
I05	Interior Design; Space Planning	3
L06	Lighting, Exterior	4
L05	Lighting, Interior	3
E02	Educational Facilities, Classroom	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

Derek A. Kohl

b. DATE

02/20/2024

c. NAME AND TITLE

Derek A. Kohl, PE, President & Executive Director of Engineering & Survey

ORGANIZATIONAL STATEMENT

STAFF QUALIFICATIONS

We understand that your project requires a team of professionals who know the importance of great partners. BL Companies offers a team with a deep understanding of construction inspection and engineering. Our construction inspection team of nine full-time inspectors supported by a multi-disciplinary staff of more than 350 architects, designers, engineers, environmental professionals, and construction specialists is committed to working cooperatively with our clients to produce successful projects in a technically sound, cost-effective, and creative manner.

LEAD TEAM MEMBERS

Matthew Stark, NICET III | Construction Coordinator

Our team will be led by Matthew Stark, who brings over 20 years of construction field experience. Mr. Stark has significant experience in CTDOT administered and funded projects including construction engineering and inspection reporting requirements along with extensive knowledge of CTDOT 817 Standard Specifications. His experience includes the supervision of construction contract work; assuring conformance with contract specifications; recording quantities and approval for progress payments; creating and updating project schedules; working with engineers to make field changes and adjustments on original contract design; review construction; change orders; and final testing and approval of work on the various projects. His primary responsibilities as Construction Inspector are to provide overall construction coordination and inspection; estimated vs. actual construction cost analysis; coordination with other inspectors and contractors; and provide liaison between the owner, contractor, and various regulatory agencies projects.

In his role as Construction Coordinator, Matthew will be responsible for coordination between all key stakeholders and the project team. Matthew will facilitate communication between the project team, Town of Andover staff, the CTDOT, and contractor and is on hand to resolve any problems concerning activities related to the project.

Matthew has served in a similar capacity on several projects throughout Connecticut including the Replacement of the Louisiana Avenue Bridge over Coppermine Brook in Bristol, the Replacement of Skiff Street Bridge in Hamden, and the Replacement of Arctic Street Bridge in Bridgeport.

James Murcia, EIT, NICET II | Chief Inspector

James Murcia will serve as Chief Inspector for this project. James has over 10 years of experience in the field of construction engineering and inspection. As chief inspector, his responsibilities include construction inspection services; assuring conformance with contract specifications; recording quantities and approval progress payments; making field changes and adjustments on original contract design; reviewing, negotiating, and processing construction change orders; and final testing and approval of work on the various projects.

James has served as Chief Inspector on several projects including the Replacement of Skiff Street Bridge in Hamden, Connecticut and as Construction Coordinator for the Rubber Avenue Signal Replacement Project in Naugatuck, Connecticut.

Donald Smith, PLS | Land Surveyor

Land Surveying will be led by Donald Smith. Don is a professional land surveyor, licensed in the State of Connecticut who brings nearly 30 years of experience to the team. He has been involved in providing land surveying, mapping, and construction stakeout and project management services associated with the design and construction of bridges, large building construction, education facilities, pipelines, electric transmission lines, railroads and large retail centers. As a Senior Project Manager at BL Companies, Mr. Smith's responsibilities include performing and

overseeing boundary and topographic surveys, construction project stakeout, survey calculations, deed/title research, ALTA/NSPS Land Title Surveys, project management services, and all related survey mapping. He leads the firm's 3D Laser Scanning and UAV Technology projects and has developed policies and procedures for these services.

Mr. Smith has provided Land Surveying services for several Connecticut projects including the Skiff Street Bridge Replacement in Hamden and the Richmond Hill Avenue Bridge in Stamford.

ADDITIONAL TEAM MEMBERS

Nicholas Giardina, Director-in-Charge

Mr. Giardina has 38 years of significant experience in transportation engineering, including highway and site design, and has in-depth knowledge of Connecticut Department of Transportation (CTDOT), Massachusetts Department of Transportation (MassDOT) and Rhode Island Department of Transportation (RIDOT), procedures and guidelines. He is the Director of Transportation and Public Infrastructure at BL Companies and is the client manager for the RIDOT Scoping and Preliminary Design Contract and the Planning Contract as well as the CTDOT State Bridge Program and Highway Program and is responsible for the oversight of dozens of projects. Mr. Giardina also served as a lead project engineer for the CTDOT's Highway Design unit for over ten (10) years. His responsibilities included the design, development and preparation of plans, specifications, permits and cost estimates for various projects that involved roadway design plans for intersection improvements, interchange modifications, bridge replacements, at-grade railroad crossings, maintenance and protection of traffic plans, roadway realignments and reconstructions, highway resurfacing and safety improvements.

Peter Schirmer, Manager of CEI

Peter Shirmer serves as the Manager of CEI at BL Companies with over 28 years of experience in roadway design and construction inspection. He has expertise in all aspects of roadway design using state and local standards, including highway geometry, intersection grading, permitting, maintenance and protection of traffic, rights-of-way, utility coordination, drainage, and quantity and cost estimating. In addition, Mr. Schirmer has significant construction inspection experience on both state and local roadway projects, respectively utilizing the CTDOT Site Manager system and the Municipal Manual for inspection documentation. As a Principal Engineer at BL Companies, his responsibilities include Project Management, roadway improvement planning, from conceptual design through permitting, construction inspection, and construction administration/coordination on CTDOT and municipal projects.

Simon Disla, Construction Inspection

Mr. Disla is a professional civil engineer with over 27 years of experience in construction engineering and inspection. For 8 years, he served as Transportation Engineer 1 (Chief Inspector, Construction Engineer) for the Connecticut Department of Transportation. Mr. Disla's resume includes field inspection and supervision for projects such as highway improvements, roadway reconstruction and paving, bridge rehabilitation and replacement, bridge and structural foundations, reinforced concrete, retaining walls, pipeline installation, drainage and pavement structures; airports, building and electrical infrastructures, traffic signal installation, highway signs, waste water and fuel tanks replacement; concrete sidewalk reconstruction, bituminous concrete curb and driveway improvements, and natural gas regulator station. While the primary Chief Inspector will be James Murcia, EIT, NICET II for this project, Simon is available to help out as needed, or serve as a temporary replacement should the need arise.