

Nydia Lugo, Technical Development Engineer
Agency of Transportation, Municipal Assistance Bureau
219 North Main Street
Barre, VT 05641

March 6, 2020

RE: At-The-Ready Consulting Engineering Services for Municipalities: Construction Inspection Services

Dear Ms. Lugo:

GPI/Greenman-Pedersen, Inc. is pleased to submit our Qualifications to VTrans to provide **Construction Inspection Services** for municipalities choosing to use the Municipal Assistance Bureau At-The-Ready selection process. GPI is a multi-disciplined firm with a proven record of providing high quality engineering and construction services for over 50 years. We maintain a permanent staff of 1,500+ professionals and many of our staff specialize in construction engineering and inspection for the transportation industry.

GPI is currently providing a wide range of services to VTrans through our Construction Inspection term agreement and to municipalities via the ATR qualified roster for construction inspection services. GPI has been working closely with VTrans since 1996. Over the past 23+ years, we have grown with the agency and our services have expanded considerably.

Under our current ATR status as a qualified firm, we are providing municipal construction inspection services for the City of South Burlington (Market Street), the Town of Springfield (South Street) and the Town of Moretown (VT 100B), and we are poised to be under contract with the Town of Hartford for the Sykes Mountain Road roundabouts and sidewalks. In addition, we are under contract with the Town of West Rutland to support their sidewalk and drainage improvements project.

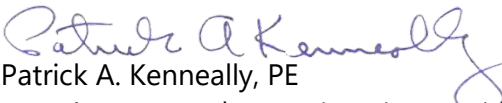
This qualifications submittal includes general firm information, an organizational and availability chart, qualifications and experience of the firm/team, examples of relevant projects, key personnel and their resumes and our proposed subconsultant. We have also demonstrated our experience working with municipalities and our clear understanding of the scope of work for locally managed projects. We are confident that GPI is the most qualified team to provide Construction Inspection Services and look forward to providing these services through the ATR process. GPI can offer municipalities the following advantages:

- ✓ *Access to a large and diverse construction inspection staff with significant experience on Vermont projects;*
- ✓ *Native Vermonters to staff any municipal construction inspection project;*
- ✓ *Familiarity with regulatory agencies, public and private utilities, and local community groups;*
- ✓ *Experience with VTrans construction procedures, policies, manuals and requirements; and,*
- ✓ *Dedicated Construction Supervisors to oversee our staff and provide Quality Assurance.*

We appreciate the opportunity to submit this Statement of Qualifications and we hope it clearly reflects our firm's ability and enthusiasm to perform Construction Inspection Services for the municipalities seeking these services through the Municipal Assistance Bureau At-The-Ready process. Enclosed are one (1) electronic copy and ten (10) bound copies of our submission for review and consideration.

Sincerely,

GPI/Greenman-Pedersen, Inc.


Patrick A. Kenneally, PE
Branch Manager | Executive Vice President

Request for Qualifications | Two-Tier (State-Local) Qualifications-Based Selection for At-The-Ready (ATR) Consultant Engineering Services for Municipalities | CONSTRUCTION INSPECTION





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SECTION 1.

GENERAL INFORMATION

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General Information

Introduction to Consultant Firm

GPI/Greenman-Pedersen, Inc. is pleased to submit our Qualifications to the Vermont Agency of Transportation (VTrans) for At-The-Ready (ATR) Construction Inspection Services for municipally managed projects. Founded in 1966, GPI is a leading multi-discipline engineering consulting firm that specializes in the innovative design and construction of transportation infrastructure and building projects. GPI maintains a permanent staff of 1,500 + professionals specializing in construction engineering and inspection for the transportation industry.

Currently, GPI is providing construction inspection services directly to Vermont communities and through the VTrans ATR qualified roster selection process. GPI also provides CI services to VTrans through the Construction Inspection term agreement and has been working closely with VTrans since 1996.

When VTrans awarded GPI the first of our twelve consecutive term agreements, our sole focus was providing construction inspectors. Over the past 23 years, we have grown with VTrans and the services GPI has provided include administrative support, owner's representation on design-build projects, materials testing, assistance in the Finals Unit, and a business analyst for the CMS replacement project. GPI recently received the highest score of all the firms submitting proposals to VTrans for the next 3-year construction inspection retainer contract.

Over the years we have been fortunate enough to be called upon to assist VTrans with schedule analysis, claims analysis, utility coordination, specification review, coatings analysis, plant inspections, and emergency response services. As part of providing our services to VTrans, we have also been involved with many projects that required coordination with many municipalities in the State of Vermont. As a result, we can easily guide the municipalities through any construction project that is partially or fully funded by the federal and state government. Most, if not all work, will be performed by many of our staff members that have direct experience working in the State of Vermont.

GPI's Principal-In-Charge and contact information are as follows:

Patrick A. Kenneally, PE

Executive Vice President / Branch Manager

80 Wolf Road, Suite 300

Albany, NY 12205

Phone: 518.453.9431 | pkenneally@gpinet.com

GPI's Contract Manager in Charge and contact information are as follows:

David J. Hoyne, PE

Senior Civil Engineer

1445 Center Fayston Rd

N Fayston, VT 05660

Phone: 802.917.4310 | dhoyne@gpinet.com

GPI is proposing S.W. Cole as our materials testing sub-consultant and have their information as part of our submission. In the event the work requires specialized skills beyond what GPI has available, we will solicit proposals from several companies and pre-select the most qualified. As part of the GPI solicitation process, GPI will invite DBE firms to provide a proposal and cost estimate in compliance with the Municipal Assistance Bureau Local Projects Guidebook. Approval from the municipality and VTrans will be obtained prior to hiring any sub-consultant to assist us on a particular project.

GPI understands that VTrans would like to select up to six (6) consultants to perform services in each of the three categories stated in the RFQ, which the municipalities can utilize to hire a consultant for their projects. The intent is to develop a pre-qualified roster of consultants for each category, to simplify and accelerate the contracting process for municipalities, and to ensure the selected firms have the necessary skills and resources to perform the work. Once VTrans has established the qualified roster, the municipalities form a selection committee and choose

the most qualified firm for their project. The community can then proceed to negotiate a scope and fee with the selected firm, and if the negotiations are successful, a contract may be executed.

GPI is very familiar with this process and has successfully entered contracts for construction inspection services with South Burlington, Springfield, Moretown and Hartford (pending) using the ATR model.

With the addition of Mr. Pat Travers to our team, Pat brings a wealth of experience performing and managing construction inspection services in the municipal market having completed more than 20 projects since 2008. The projects include sidewalks in the towns of Montpelier, Fair Haven, Morristown, Burke, Derby Line, Chester, Pittsford, Burlington, and Plainfield. Other work includes South Street reconstruction in South Hero, shared use paths in Williston and Phase 1C of the Lamoille Valley Rail Trail, paving in Barton and structures in Derby and Rockingham. Mr. Travers has demonstrated his proficiency with construction inspection services and is excited to continue this work for GPI.

Subconsultants

S.W. COLE ENGINEERING, INC. Established in 1979 in Bangor, Maine, S. W. Cole Engineering, Inc. is a geotechnical engineering, geo-environmental consulting and construction materials testing firm serving private and public sector clientele across New England with offices in Maine, New Hampshire, Massachusetts, and Vermont. Their team of engineers, scientists and technicians provide services on more than 1,800 projects each year. Services include:

GEOTECHNICAL ENGINEERING

Subsurface Investigations, Foundations, Earthwork, Pavement. Their licensed engineers provide sensible geotechnical solutions for foundations, earthwork and pavements associated with building, site development and infrastructure projects in New England.

- *Geotechnical Feasibility Studies*
- *Subsurface Investigations*
- *Spread Footing Design Parameters*
- *Deep Foundation Engineering and Design*
- *Ground Improvement Engineering*
- *Excavation and Dewatering Consulting*
- *Retaining Wall and Slope Stability Analyses*
- *MSE Retaining Wall Design*
- *Pavement Engineering and Design*
- *Geotechnical Laboratory Testing*

CONSTRUCTION MATERIALS TESTING & SPECIAL INSPECTIONS

Soil, Concrete, Grout, Asphalt, Masonry, Steel, Fireproofing. Our certified technicians provide field and laboratory testing for soil, concrete, masonry, steel, fireproofing and asphalt construction materials, including:

- *Construction QA / QC Programs and Monitoring*
- *Earthwork Observations and Compaction Testing*
- *Reinforced Concrete Testing and Special Inspections*
- *Soil / Aggregate Sampling and Testing*
- *Structural Masonry Testing and Special Inspections*
- *Structural Steel Testing and Special Inspections*
- *Spray-Applied Fireproofing Testing and Special Inspections*
- *Pavement Evaluation and Testing*
- *IBC Special Inspection Coordination*
- *Slab Flatness and Moisture Testing*

GEO-ENVIRONMENTAL SERVICES

Geology, Hydrogeology, Water Resources, Blasting. Our geologists provide services from pre-construction evaluation of a project to exploring ways to protect the land and groundwater after its development. Services include:

- *Phase I & Phase II Environmental Site Assessments*
- *Geothermal Ground Source Investigations*
- *Groundwater Monitoring and Soil Sampling*
- *Hydrogeology and Engineering Geology*
- *Underground Storage Tank Site Assessments*
- *Water Resource Evaluations*
- *Construction Blasting Assessments*
- *Subsurface Stormwater Soil Assessments*
- *Third-Party Inspection Services*
- *Environmental Compliance Monitoring*
- *Resistivity and Conductivity Testing*

Organization Chart

The organizational chart that follows offers a graphical representation of the team structure for this contract. The Executive Vice President overseeing GPI operations is Mr. Pat Kenneally PE. Pat will provide executive level oversight of the team, with direction to the Contract Manager to ensure the goals of the program are achieved and the work meets or exceeds our client's expectations.

Mr. David Hoyne PE will be the Contract Manager and point of contact for VTrans and the municipalities. David will be directly responsible for working with the municipalities to develop responses to RFP's and negotiating cost proposals for the work.

Mr. Travers and Mr. Gray will be the Construction Inspection Supervisors and will review the work products from the inspectors to ensure the work meets quality expectations, the process is followed, and the construction project remains on schedule and budget.



Availability Chart

Name	Proposed Role	Availability
Adam Mergener	Tech III	100% Available for projects
Andy Willette	Tech IV	100% Available for projects
Anthony DeChance	CE I/II	100% Available for projects
Anthony LaVigne	Tech IV	100% Available for projects
Bethany Oprendek	Tech IV	100% Available for projects
Bruce Girouard	Tech III	100% Available for projects
Christopher Eilers	Tech II	100% Available for projects
Cody Bassett	Tech II	100% Available for projects
Craig Plumb	Tech V	100% Available for projects
Cynthia Porter	Tech IV	100% Available for projects
Daniel Fletcher	Tech IV	100% Available for projects
David Cormany	Tech V	100% Available for projects
David Kraus	Tech IV	100% Available for projects
David Sager	CE I	100% Available for projects
Dillon Bianchi	CE III	100% Available for projects
Donald Spruit, PE	CE III	100% Available for projects
Dylan Lahar	Tech II	100% Available for projects
Earl Kingsbury, PE	CE III	100% Available for projects
Elhadji Ba	Tech II	100% Available for projects
Ian Shea	Tech III	100% Available for projects
Jason Rowell, PE	CE IV	100% Available for projects
Jeffery Hansen	Tech II	100% Available for projects
Jeffrey Warner	Tech IV	100% Available for projects
Jeremy Ascani	Tech III	100% Available for projects
Jesse Lorenzini	Tech II	100% Available for projects
John Nummy	CE III	100% Available for projects
Josh Maxfield	CE III	100% Available for projects
Joshua Perkins	Tech III	100% Available for projects
Justin Lefebvre	Tech IV	100% Available for projects
Kerri Polli	CE I	100% Available for projects
Kevin Gebbie	CE III	100% Available for projects
Kimberly Nefferdorf	CE III	100% Available for projects
Kurt Hutchins, PE	CE III	100% Available for projects
Lee Bohn	Tech IV	100% Available for projects
Leigh Abel	Tech VI	100% Available for projects
Leslie Lock	Tech II	100% Available for projects
Logan Markie	Tech V	100% Available for projects
Mark Woolaver	CE IV	100% Available for projects
Matthew Hudson	Tech II	100% Available for projects
Richard Ferguson, III	Tech III	100% Available for projects
Richard Tittlemore	Tech IV	100% Available for projects
Robert Dixon	Tech V	100% Available for projects
Robert McNeish	Tech III	100% Available for projects
Robert Suckert	CE IV	100% Available for projects
Ryan Foss	Tech IV	100% Available for projects
Scott Darling	Tech V	100% Available for projects
Steve Chisholm	Tech V	100% Available for projects
Tim Chase	Tech V	100% Available for projects
Travis Corbett	Tech V	100% Available for projects
Troy Schumacher	Tech V	100% Available for projects
William Waite	Tech IV	100% Available for projects

SECTION 2.

CONSTRUCTION INSPECTION SERVICES

- *Qualifications and Experience of Firm*
- - *Project Examples: Construction Inspection Services*
 - - *Key Personnel*

Construction Inspection Services Qualifications and Experience of Firm

GPI is an industry leader providing a full range of quality construction management, inspection, testing, and support services for our clients' infrastructure projects. Annually, we provide construction services on billions of dollars' worth of transportation projects. GPI provides these services through both project level and retainer contracts throughout New England and beyond.

For example, GPI provided the Quality Assurance services for the fabrication and construction of the \$4 billion Governor Mario M. Cuomo Bridge (formerly the Tappan Zee Bridge), or management of the Resident Engineer Inspection efforts for the largest single rehabilitation of the Brooklyn Bridge since the original construction was completed in 1883, or the Construction Management Services for the Bayonne Bridge Navigational Clearance Program, a project designed to raise the bridge deck 65 feet above the existing elevations.

These are but a few examples of high-profile projects where owners trust GPI with complex assignments. GPI has earned this trust by demonstrating the firm's capacity to take on large projects, an ability to provide technically proficient staff recognized as experts in their subjects, a customer centric philosophy of providing value, and an organizational commitment to integrity and professionalism. GPI has worked very hard to earn the trust of its clients and in return has been awarded contracts for some of the nation's most important construction projects.

GPI has also earned the privilege of serving several states with construction management and construction inspection services to meet their everyday operational needs. In addition to Vermont, GPI has provided services to 14 states including Maine, New Hampshire, Massachusetts, Connecticut and New York. The vast majority of services provided through these contracts is for the typical bridge, paving, roadway, intersection, rail, safety, sidewalk and shared use path projects, where GPI employees are embedded with the owner's team, working together to deliver quality infrastructure. Regardless of the size or complexity of the project, GPI has the experience and capacity to deliver the construction management or inspection services required by VTrans and the communities in Vermont. Here are the types of contracts GPI has provided services for in Vermont:

- ◀ **New alignment and roadway construction**
- ◀ **New/Replacement wetlands construction**
- ◀ **Roadway and bridge reconstruction**
- ◀ **Assisting Finals Unit**
- ◀ **Intersection reconstruction and new traffic signals**
- ◀ **Steel coatings / paint evaluations**
- ◀ **Railroad construction**
- ◀ **New / Historical / covered bridge construction**
- ◀ **Multi-modal center construction**
- ◀ **Airport runway construction**
- ◀ **Airport light systems construction**
- ◀ **Bridge rehabilitation / repairs / painting / structural inspection**
- ◀ **Claims support**
- ◀ **Environmental Permit Compliance**

GPI has been working consistently in Vermont since 1996 and performing construction inspection services at the state and municipal level. Later in this proposal we have highlighted a few projects to demonstrate our success, and our success stems from our knowledge and experience of the process and the documents used throughout the process. For example, the projects GPI has delivered in Vermont are were accomplished in accordance with the following documents:



- Current VTrans Municipal Assistance Bureau (MAB) Local Projects Guidebook for Locally Managed Projects
- MAB Specifications for Contractor Services dated June 2014
- VTrans Construction Manual
- VTrans Route Survey Manual
- VTrans Quality Assurance Program
- VTrans Materials Sampling Manual
- VTrans Approved Products List
- VTrans List of Materials with Advance Certification
- Manual of Uniform Traffic Control Devices
- VTrans Standard Specifications for Construction 2011 & 2018
- VTrans General Special Provisions for 2011 or 2018 Standard Specifications
- Project Special Provisions

Our employees and management team have an intimate working knowledge of these documents, having been directly and indirectly involved with their development, use or maintenance. During his tenure with VTrans, Mr. David Hoyne was responsible for the development of the Construction Manual, has years of experience as a member of the VTrans Specification Committee and currently serves as the ACEC representative for the same. He also oversaw the maintenance of the Quality Assurance Program, Materials Sampling Manual and the Approved Products List.

GPI also has a firm understanding of the Code of Federal Regulations (CFR), and the importance of providing services consistent with the regulations. Local transportation projects covered in the Agency's RFQ will be partially funded by the Federal Highway Administration (FHWA) through the VTrans Municipal Assistance Bureau (VTrans-MAB). Hence, these projects must conform to all the procedures and regulations required by FHWA and VTrans. GPI conducts annual training for field staff to emphasize the process and requirements associated with State and Federal funding. The entire team must be aware and prepared to abide by the regulations.

The VTrans Municipal Assistance Bureau has developed a Local Projects Guidebook for locally managed projects, which serves as the roadmap for municipalities and their consultants to administer federal-aid projects. This document covers the development life cycle, includes workflows and checklists to help navigate the process. In addition, the MAB has created a one-stop "shared documents and templates" web page as a resource for stakeholders to administer a successful project. We are very familiar with this resource and its documents and have a complete understanding of the process to implement a municipal federal-aid project.

Once under contract for a project, GPI understands our role is to manage the construction phase as the owners representative to ensure a quality project that is built in conformance with the contract requirements, the work complies with all federal funding requirements, maintain communications with the Town and its citizens, be responsible stewards for the environment and above all, ensure the project is safe for the workers, pedestrians, and the travelling public.

The process we have used successfully is to conduct a kick-off meeting with the Town and its representatives as the first step. The kick-off meeting is the cornerstone for the team going forward and is designed to establish clear roles and responsibilities for the Resident Engineer / Construction Inspection Services consultant, the Design consultant and the Municipal Project Manager. For the team to be efficient and responsive, the team must be on the same page with each member understanding their role and prepared to fulfil their responsibilities.

We then schedule and facilitate the pre-construction conference; prepare and distribute meeting minutes; and make sure that all permits, clearances and submittals such as the Traffic Control Plan, Erosion Prevention Sediment Control Plan, Progress Schedule and Off-Site activities have been secured before start of construction. Once construction commences, we use the Scope of Work as our guide, but understand the intent of enumerating the tasks is to be as inclusive as possible when defining the work and to avoid any misunderstanding. GPI's core

business is managing construction contracts and we take a more holistic perspective on the assignment. In simple terms, the scope is to act as the owner's representative administering the terms of the contract and to perform work as necessary to meet the goals of the project. The contract defines processes to follow as do the Standard Specifications for Construction and the VTrans Construction Manual.

GPI has been migrating to a fully digital project. We are prepared to deliver the final project records in accordance with Town requirements including a digital photo log. GPI uses a cloud-based software solution making the entire project record completely transparent to the owner, the design consultant, VTrans, the contractor and any other entity requiring access. GPI uses Doc Express® as the document management tool. This tool is very familiar to contractors doing business with VTrans and is used for the submittal and archival of all project records including construction and fabrication drawings, RFI's, Change Orders, Contract Documents, material certifications, payrolls and any other supporting documentation. Team members are issued a password protected log-in and given access only to the document folders required based on their role with the project. With this tool, the Municipal Project Manager, FHWA and VTrans can remotely perform random reviews to ensure the process is followed and the documents are in order. GPI believes this fully transparent and electronic project folder is the best approach for meeting expectations.

Similarly, GPI will use the Appia® application to capture the daily work reports, pay items, quantities, equipment, personnel and the weather, and will use it to generate the bi-weekly estimates documenting the work eligible for payment to the contractor. Appia® is also a cloud-based application with access provided to team members for the purposes of transparency and oversight. GPI will provide training to project stakeholders requiring access to either of these applications.

During construction, the duties of the construction inspection team may include the following:

- Resident Engineer – each project's Resident Engineer will be responsible for making sure that the contractor's operations are properly inspected by staff with the knowledge and experience to do so, that the work is recorded, and that the MPM/municipality is kept well informed. The Resident Engineer will be responsible for managing the day-to-day assignments of the inspection staff and ensuring that work is performed and documented in accordance with VTrans standards and procedures.
- Inspectors – They will be assigned to cover operations and make sure that work is being performed in accordance with the contract documents. Inspectors will report to the Resident Engineer.
- Office Engineers (OE) – For large projects, a designated OE is recommended. Someone other than the RE or inspector. An OE would report to the Resident Engineer. The OE will be responsible for a wide range of administrative and documentation tasks, all of which are outlined in the Field Assignment Matrix of the Construction Manual.

The makeup of the team will vary by project, and for some projects one person will fulfill all the above roles.

Once the project achieves completion and acceptance the reconciliation process begins. This work includes checking and verifying construction contract quantities have been organized, calculated and documented by a writer and initialed by reviewer; prepare record plans and review and archiving the required documentation listed on the VTrans Project Close out Checklist. And finally, the firm can issue the certificate of acceptance, confirming the project was built in substantial conformance to the contract and any revisions.

Project Examples: Construction Inspection Services

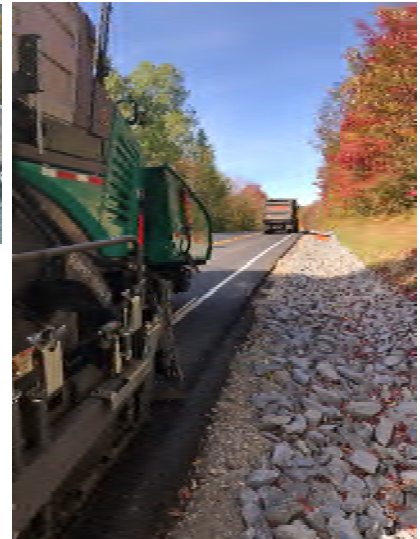
GPI is currently providing extensive construction inspection services to VTrans through our Construction Management Services retainer contract and has been working continuously in Vermont with VTrans since 1996. We have also maintained a strong presence providing services at the municipal level. GPI provided resident engineering and construction inspection services to the City of South Burlington for the Market Street Reconstruction project. This two-year, \$6.5M project involves full reconstruction of the road, construction of stormwater ponds, undergrounding utilities, drainage improvements and an extensive urban landscaping plan with specialized soils and tree cells. The project is largely complete with only follow up on landscaping and repairs to pavement marking remaining for 2020.

CONSTRUCTION INSPECTION TERM AGREEMENTS – VERMONT-STATEWIDE

Since 1996, GPI has served successive term agreements providing construction engineering and inspection services on a variety of transportation projects throughout Vermont. GPI was recently awarded and rated #1 for the current term agreement.



These projects generally involved the paving of highways, major realignment or reconstruction of highways, new bridges, rehabilitation of bridges, (including traditional bridges, covered bridges, and historic bridges), accelerated bridge construction, intersection revisions including roundabouts, signs and pavement markings, railroad crossing reconstruction, bridge coatings and shared use path projects.



Contact: Mr. Jeremy Reed PE, Construction Engineer, VTrans
802.828.0101 jeremy.reed@vermont.gov

SOUTH BURLINGTON STP 5200(17) MARKET STREET

GPI provided professional engineering services as prime consultant responsible for contract management and construction inspection for the reconstruction of Market Street for the City of South Burlington, Vermont. Market Street is part of the City Center Development effort and GPI was tasked with managing the construction of the project on behalf of the City.

Work performed under this project included new pavement, new subbase, drainage, sewer, water modifications, new stormwater treatment ponds, sidewalk curbing, pavement markings, lighting, landscaping, traffic signal modifications, other roadway related items on new horizontal and vertical geometry. Market Street is a local street offering a connection between Dorset Street and Hinesburg Road, with access to the local school and library. GPI was awarded the contract by the City through the VTrans At-The-Ready process.



Contact: Mr. Justin Rabidoux PE, Director of Public Works/City Engineer
802.658.7961 [jrabadoux@sburl.com](mailto:jrabidoux@sburl.com)

SPRINGFIELD TAP TA14(6) & STP BP17(10) SOUTH STREET SIDEWALK IMPROVEMENTS

GPI managed the construction phase of a sidewalk replacement project for the Town of Springfield, enhancing sidewalks and crosswalks on South Street. The project consisted of new Portland cement concrete sidewalk with granite curbing, reconstructed sidewalks and curbing, removal of existing crosswalks, construction of new crosswalks including new signs, drainage modifications and other incidental work. The work is located on South Street, between Union Street and the drive for the High School/Howard Dean Education Center, approximately 0.495 miles in length.



Contact: Mr. Jason Rasmussen, Director of Planning, SWCRPC
802.674.9201 jrasmussen@swcrpc.org

TOWN OF SHARON, VERMONT

During the 2013 and 2014 construction seasons, our Resident Engineer / Inspector worked on a variety of projects for the Town of Sharon, VT. The projects were related to repairs following Tropical Storm Irene.

White Brook Road Culvert involved the removal of a temporary corrugated metal culvert with a precast concrete box culvert. The work included by-pass pumping of the work site, traffic detours, and restoration of the gravel road after the culvert was replaced.



Route 132 Repairs included work at four sites along Route 132. Two sites were repairs to bank washouts. One was the replacement of a laid-up stone wall with a cast-in-place concrete retaining wall. One was the replacement of a temporary corrugated metal culvert with a precast concrete box culvert. The work included earthwork, concrete, water diversion, pavement repair and guardrail work.

The Broad Brook Road project involved the removal of an existing damaged concrete bridge and replacement with a bridge with precast concrete box beams with cast-in place concrete abutments and a concrete wearing deck.



Contact: Municipal Office
802.763.8268

MUNICIPAL PROJECTS UNDER CONTRACT

For the 2020 season GPI is, or will be under contract to provide construction inspection services for the following projects:

MORETOWN STP BP 13(8) & STP MM 18(12): The project consists of new handicap accessible Portland cement concrete sidewalk along Route 100B in Moretown Village, along with vertical granite curbing, new catch basins, stormwater collection piping, bituminous concrete pavement, pavement markings and other incidental construction. The work is located in the Village of Moretown on VT Route 100B, between Hurdle Road and Moretown Mountain Road, approximately 0.33 miles in length.

Contact: Mr. Tom Martin, Chair of Selectboard
802.496.2599 mselectboard@moretownvt.net

WEST RUTLAND STP BP 15(1): Work to be performed under this contract includes the construction of a new Portland cement concrete sidewalk, a bituminous concrete path, granite curbs, drainage improvements, pavement markings and signs.

The project locations are:

- Campbell Ave. (TH 39)-Beginning at Main Street and ending at Marble Street- 364 linear feet.
- Clarendon Ave. (TH2)-Beginning at the shared use path, just north of Casella Lane and ending at Dewey Ave- 942 linear feet.
- Fairview Ave. (TH45)-Beginning at the shared use path and ending at the existing sidewalk- 797 linear feet.
- Thrall Ave. (TH 25)-Beginning at Sheldon Ave. and ending at Pleasant St- 610 linear feet.
- Ross Street (TH42)-Beginning at the end of Ross Street and ending south of the school- 672 linear feet.

Contact: Ms. Susan Schreibman, MPM
802.353.0005 sschreibmangross@gmail.com

HARTFORD STP 0113(59)S & STP EH09(15): The roundabout project is located at the intersection of U.S. Route 5 / Sykes Mountain Avenue and Sykes Mountain Avenue / Ralph Lehman Drive. The work to be performed under this contract includes construction of two roundabouts and approaches, removal and replacement of curb, new drainage, traffic signs, pavement markings and incidental items.

The sidewalk project is located along Sykes Mountain Avenue and begins at the east side of the intersection with Ralph Lehman Drive and ends at the west side of the intersection with Lily Pond Road. The work to be performed under this project includes constructing new curb and sidewalk along the south side of Sykes Mountain Avenue, pavement widening on the north side of Sykes Mountain Avenue, pavement markings, signing, drainage and other incidental items.

Contact: Mr. Ken Robie PE, MPM
802.728.7238 krobie@dubois-king.com

Key Personnel

Should GPI be fortunate enough to be selected for the qualified roster of approved firms, the communities will be retaining a firm known locally and regionally as a leader in the business of contract administration and construction inspection. As an employee owned company, our people make the difference, and this is true for the men and women working field assignments and the management team supporting them.

The Contract Manager for this project will be **Mr. David Hoyne P.E.**, Senior Construction Engineer and the former State Construction Engineer for VTrans. Mr. Hoyne retired from VTrans in 2017 after a 28-year career with the Agency. Mr. Hoyne also served as the Vice Chair of the AASHTO Committee on Construction from 2010 until his retirement, assuming a leadership role with the national committee charged with advancing the state of practice for the highway construction program.

The last 11 years of his career as the State Construction Engineer, David was responsible for delivering the capital construction program for VTrans in conformance with all State and Federal requirements. The program was approximately \$200 million annually and consisted of a mix of design-build-build, design-build and CMGC projects for all modes of transportation. David was directly responsible for the development of the procedures contained in the VTrans Construction and Regional Procedures Manuals and has mastered the requirements for compliance. In addition, he is considered an expert in the VTrans Standard Specification for Construction, the Code of Federal Regulations (CFR), partnering, claims avoidance, claims analysis and resolution, and root cause analysis.

Mr. Hoyne will guide, coach and advise the team throughout the life of this assignment bringing tremendous value to the project.

Our lead Construction Inspection Supervisor for this contract will be **Mr. Patrick Travers, EIT**. Mr. Travers has over forty years of professional experience in engineering, construction management and business management, with a strong focus in recent years in managing construction inspection contracts. Mr. Travers' career has included working for municipal agencies, earth moving contractors, general contractors in commercial construction, design-build firms, a multi-national engineering corporation, a state agency, a construction services firm and now with GPI. He has also owned businesses in the construction, education and agriculture arenas.

Mr. Travers commands a strong expertise in the area of public infrastructure projects and has fulfilled responsibilities as a construction inspector, resident engineer and project manager on many public sector efforts throughout Vermont, New York State and Connecticut; including those coordinated through the VTrans Municipal Assistance Bureau.

Regarding management experience for construction inspection contracts, Mr. Travers has managed twenty-three such contracts on local infrastructure projects coordinated through the VTrans Municipal Assistance Bureau. These projects have been located statewide and involved new sidewalks, recreation paths, intersection reconfigurations, stormwater collection systems and a bridge replacement. Clients have included nineteen municipalities, Vermont State Parks and the Vermont Association of Snow Travelers. Management of these contracts included assigning and supervising construction inspectors working at the construction sites.

Mr. Travers' personal strengths include strong verbal and written communication skills; diplomatic public relations capabilities; excellent public speaking and public presentation skills; and being able to effectively coordinate efforts among all those involved in a project, such as owners, design firms, contractors and the general public. He is also adept at managing multiple construction projects at the same time.

Supporting Mr. Travers will be **Mr. Ronald Gray, P.E.**, also fulfilling the role of Construction Inspection Supervisor. Mr. Gray has 40+ years of experience in the construction industry. He spent 39 ½ years with the Construction Section of the Vermont Agency of Transportation with increasing levels of responsibility. He began as an inspector

and then a Resident Engineer in the field for 18 1/2 years. He then took a position in Construction's main office as Assistant Finals Engineer and was promoted to Finals Engineer 1 ½ years later. He served as Finals Engineer for 5 years. He served the final 14 ½ years of his career with the Agency as the Northeast Regional Construction Engineer.

Ron is currently the Construction Inspection Supervisor for the VTrans Statewide Construction Management contracts and will retain that role. His efforts for the municipal projects are to provide redundancy in the supervisor position, supervisory responsibilities with the staff and a line of communication to ensure we bring the right resources to the projects and to help coordinated the work statewide.

Name	Proposed Role	Years of Experience	Firm	Professional Engineer	ACI Concrete Field Testing Tech Grade I	ATSSA Traffic Control Tech	ATSSA Traffic Control Supervisor	NETTCP HMA Paving Inspector	NETTCP Concrete Inspector	NETTCP Drilled Shaft	NETTCP Driven Pile Inspector	Nuclear Density Gauge/RSO Cert	OSHA 10-Hour	First Aid/CPR/AED	OTHER
Anthony DeChance	CE I/II	3	GPI												Hazwoper 40-Hour
Andy Willette	Tech IV	26	GPI												NETTCP QA Technologist / Class A Commercial Driver's License
Anthony LaVigne	Tech IV	40	GPI												NHI Roadwise Safety Design NHI Geosynthetic Engineering NYSDEC Erosion & Sediment Control
Bethany Oprendek	Tech IV	13	GPI												
Bruce Girouard	Tech III	10	GPI												PCI Level II
Christopher Eilers	Tech II	9	GPI												
Cody Bassett	Tech II	2	GPI												
Craig Plumb	Tech V	29	GPI												NHI Bridge Inspection Course
Cynthia Porter	Tech IV	27	GPI												
Daniel Fletcher	Tech IV	14	GPI												MSHA (Mine Safety & Health Training)
David Cormany	Tech V	21	GPI												AASHTO T2 Sampling of Aggregates Fall Hazard Training 1926.503
David Kraus	Tech IV	5	GPI												OSHA 30-Hour AGC/VT Registered Flagger
Adam Mergener	Tech III	1	GPI												Class B CDL
David Sager	CE I	2	GPI												Bolt Pull Testing Trained
Dillon Bianchi	CE III	8	GPI												PTI Bonded Post Tensioning Levels I & II ASBI Grouting Certification AGC/VT Registered Flagger
Donald Spruit, PE	CE III	40	GPI	VT / NH											ACI Flagger & Traffic Control Technician
Dylan Lahar	Tech II	1	GPI												CDL including Class A Endorsements
Earl Kingsbury, PE	CE III	37	GPI	VT / NH											
Elhadji Ba	Tech II	1	GPI												OSHA 30-Hour Procore Associate Certificate
Ian Shea	Tech III	10	GPI												
Jason Rowell, PE	CE IV	18	GPI	VT											Permit Required Confined Spaces: Entrant-Attendant & Rescue for Supervisors
Jeffery Hansen	Tech II	4	GPI												OSHA 30-Hour
Jeffrey Warner	Tech IV	13	GPI												
Jeremy Ascani	Tech III	9	GPI												NETTCP HMA Plant Technician PCI Level I
Jesse Lorenzini	Tech II	3	GPI												
John Nummy	CE III	7	GPI												QCIS & QPSWPPP
Josh Maxfield	CE III	8	GPI	VT											NAUI Certified SCUBA Diver PCI Tech Level I & II Post Tensioning - Level I Multi-Stret Grout PT Inspector
Joshua Perkins	Tech III	8	GPI												DEQ Erosion & Siltation Control & Stormwater Mgmt. VDOT Asphalt Field Level I & II, Asphalt Surface Treatment; Field Concrete Intermediate Work Zone: Slurry Surfacing; Soils & Aggregate Compaction
Justin Lefebvre	Tech IV	9	GPI												NYSDEC Erosion & Sediment Control PCI Plant Quality Control Tech Level I & II
Kerri Polli	CE I	3	GPI												
Kevin Gebbie	CE III	13	GPI												
Kimberly Nefferdorf	CE III	3	GPI												
Kurt Hutchins, PE	CE III	11	GPI	VT											PCI Quality Control Level I & II
Lee Bohn	Tech IV	40	GPI												
Leigh Abel	Tech VI	35	GPI												ACI Concrete Special Inspector OSHA Fall Protection 1926.500 ICC Structural Steel & Bolting Inspector NICET Const. Engineering Technologist; Engineering Technician; Underground Utilities Level I; Highway Construction Level IV; Water & Sewer Lines Level I
Leslie Lock	Tech II	3	GPI												APNGA & USDOT Hazmat Certified; Spray-Applied Fireproofing Special Inspector
Logan Markie	Tech V	12	GPI												Foundation Inspection
Mark Woolaver	CE IV	30	GPI												
Matthew Hudson	Tech II	35	GPI												
Richard Ferguson, III	Tech III	5	GPI												
Richard Tittmore	Tech IV	15	GPI												OSHA Fall Protection
Robert Dixon	Tech V	26	GPI												NACE Level I & II OSHA 30-Hour & Fall Protection Training NICET Highway Construction Inspection Level III SSPC Bridge Coatings Inspector Program (BCI) Level I
Robert McNeish	Tech III	20	GPI												Certified Public Accountant Certified Scrum Master
Robert Suckert	CE IV	30	GPI	VT											
Ryan Foss	Tech IV	10	GPI												
Scott Darling	Tech V	21	GPI												HAZMAT Training
Steve Chisholm	Tech V	41	GPI												ATSSA Traffic Safety
Tim Chase	Tech V	30	GPI												
Travis Corbett	Tech V	6	GPI												
Troy Schumacher	Tech V	21	GPI												American Segmental Bridge Institute Grouting Trained AGC/VT Registered Flagger FHWA Traffic Management Plan OSHA 30-Hour Post Tensioning Institute Bonded Level I Field Specialist
William Waite	Tech IV	7	GPI												



SECTION 3.

RESUMES

Anthony DeChance

Construction Inspection

PROPOSED PROJECT ASSIGNMENT: CE I/II

EDUCATION:

BS/2019/Civil Engineering Technology/ SUNY
Polytechnic Institute of Technology
AAS/2017/Civil Engineering Technology/
Hudson Valley Community College

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech Grade 1 –
2019
NETTCP HMA Paving Inspector – 2020
NETTCP Concrete Inspector – 2020
OSHA 10-Hour
HAZWOPER 40

YEARS WITH FIRM: <1

TOTAL YEARS EXPERIENCE: 3

Professional Profile

Mr. DeChance enjoys working in the field. His experience focuses on working in a variety of construction projects with several different engineers. Responsibilities as an inspector included drawing review, conducting field measurements, ensuring proper work zone traffic control, creating daily work reports, and maintaining proper adherence to safety standards and standard specifications.

Project Experience

Mr. DeChance worked as an inspector on the following projects. As an inspector, his responsibilities included providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Colchester IM 089-3(69). 05/19-12/19. Inspector. This project included the replacement of the deck and railings on Bridges 76 (NB&SB) and 77 (NB&SB) on I-89. The decks were replaced using Accelerated Bridge Construction methods. The new decks were constructed using full width precast deck panels placed in 8-foot length segments. The project also included minor substructure repairs and other highway related items. *Client: Vermont Agency of Transportation. Chris Lavalette, Resident Engineer*

Essex STP 5400 (7), Essex, VT. 05/19-06/19. Inspector. This project consisted of the installation of new traffic signals, mast arms, road widening, cold planing, paving and additional items, at the VT 2A / VT 289 ramp / Susie Wilson Road intersection and the VT 2A / VT 289 off ramp intersection in Essex. *Client: Vermont Agency of Transportation; Chris Lavalette, Resident Engineer*

Prior Firm Experience

New York State Department of Transportation. 05/18-12/18. Transportation Construction Inspector III. Responsibilities included Inspected work for conformance with plans and specifications, ensured proper work zone traffic control, responsible for submitting daily work reports to the EIC, estimated quantities for progress payments, conducted ACI concrete tests, supervised nuclear gauge testing, evaluated shop drawings for project conformance, conducted tail gate safety meetings, and developed drawings for record plans.

- Route 825 Reconstruction in Rome, NY
- Route 10 and Route 29 Cold in Place Recycling in Palatine Bridge, NY
- Traffic Signal replacement in Whitestown, NY and Marcy, NY

New York State Thruway Authority. 05/16-08/16 & 05/17-08/17. Transportation Construction Inspector II. Responsibilities included inspecting work for conformance with plans and specifications, ensured proper work zone traffic control, responsible for submitting daily work reports to the EIC, estimated quantities for progress payments, conducted ACI Concrete Tests.

- Sawkill Road Bridge Reconstruction in Kingston, NY
- Culvert Replacement and Rehabilitation from Kingston, NY to Amsterdam, NY
- Route 295 Bridge Rehabilitation in East Chatham, NY

Anthony LaVigne
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:
 1987/Continuing Education/Civil Engineering; Management/Cornell Local Roads Program
 1979/Clark County Community College
 1978/Northern Nevada Community College
 1977/University of Nevada at Las Vegas

REGISTRATIONS/CERTIFICATIONS:
 ACI Concrete Field-Testing Tech, Grade I – 2016
 NETTCP Concrete Inspector - 2016
 NETTCP Dilled Shaft Inspector - 2018
 NETTCP Driven Pile Inspector - 2017
 NETTCP HMA Paving Inspector - 2016
 NETTCP Soils & Aggregate Inspector-2017
 NHI Roadside Safety Design
 NHI Geosynthetics Engineering
 NYSDEC Erosion & Sediment Control
 Nuclear Density Gauge
 OSHA 10-Hour

PROFESSIONAL AFFILIATIONS:
 New York State County Highway Superintendent's Association – 31 years
 New York State Association of Town Superintendents of Highways, Essex County Chapter, 35 years, Life Member

YEARS WITH FIRM: 6

TOTAL YEARS EXPERIENCE: 40

Professional Profile

Mr. LaVigne has 40+ years of experience in the public works industry that includes work in Nevada, NY, and for the past 4 years in VT. The bulk of his experience was with Essex County Department of Public Works in the role of superintendent, supervising personnel and projects. Work included budgeting, developing and overseeing many roadway and bridge projects, building projects, and daily interaction with the Board of Supervisors. He has worked closely with architects, engineers, and contractors for many years.

Project Experience

Mr. LaVigne has served as a Chief Inspector, Office Engineer, and Inspector on the following projects. As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Middlebury WCRS(23) (CMGC). 06/19-Present. Office Engineer/Inspector. This project includes replacing two railroad overpasses with one train tunnel. The work includes water line relocation, new sanitary sewer and drainage, new bridge and railroad construction. *Client: Vermont Agency of Transportation (VAOT); Tim Pockette, Resident Engineer (RE)*

Middlebury EWP3 (CMGC), Middlebury, VT. 05/17-06/19. Chief Inspector. This project includes the installation of two temporary bridges as part of the overall projects of replacing two railroad overpasses with one train tunnel. *Client: Vermont Agency of Transportation (VAOT); Tim Pockette, Resident Engineer (RE)*

Pittsford HPP ABRB(9). 07/16–10/17. Chief Inspector. The work consisted of rehabilitation of a 210 foot, 2-span, steel truss bridge built in 1900. *Client: Vermont Agency of Transportation (VAOT); Tim Pockette, Resident Engineer (RE)*

Rutland City BRF 3000(19). 04/16-07/16. Inspector. The work consisted of replacement of a 220 foot, 2 span, and prefabricated steel truss bridge. *Client: VAOT; Tim Pockette, RE.*

Rutland City BRF 3000(16), Rutland, VT. 04/15-07/15. Inspector. Work performed under this project included replacement of a bridge on TH 8 (River Street) over the Otter Creek including sidewalks and related approach and channel work. *Client: VAOT; Tim Pockette, RE.*

Shrewsbury BHO 1443(49). 05/15-12/15. Inspector. The work consisted of rehabilitation of a 112-foot span, town lattice wooden covered bridge. *Client: VAOT; Tim Pockette, RE*

Shrewsbury STP 1443(44). 06/15-10/15. Inspector. The work consisted of replacement of a box culvert with a new 12-foot span precast concrete arch. *Client: VAOT; Tim Pockette, RE*

County Route 16 over Halfway Brook, Fort Ann, NY. 06/14-01/15. Chief Inspector. The new bridge was a 100-foot long, single span. Reinforced concrete abutments were founded on ledge. *Client: VAOT; Tim Pockette, RE*

Andrew Willette
AOT Technician IV

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:
BS/1991/Wildlife Management

REGISTRATIONS/CERTIFICATIONS:
NETTCP HMA Plant Technician
NETTCP QA Technologist
Class A Commercial Driver's License

YEARS WITH FIRM: <1
TOTAL YEARS EXPERIENCE: 26

Professional Profile

Mr. Willette has worked with Vermont Agency of Transportation since 1994. As part of his duties in his earlier VTrans career he was responsible for all aspects of material acceptance testing associated with HMA asphalt, he conducted MSHTO, ASTM and in-house test methods to evaluate materials, and conducted annual inspections of all HMA asphalt plants. More recently Mr. Willette was a part of the Construction & Materials Section of Bituminous Concrete Materials Unit where he was responsible for planning, hiring of temporary employees, purchasing equipment, and ensuring staff receive all necessary training and equipment to perform their work safely and effectively. He is also a Subject Matter Expert and Industry Liaison for hot-mix asphalt.

Project Experience

Vermont Agency of Transportation, Berlin, VT. 05/16-03/20. AOT Technician VIII. Mr. Willette maintained operational continuity within the VTrans Construction & Materials Sections' Bituminous Concrete Materials Unit: Responsibilities included: Strategic planning to assure the unit is prepared to execute core functions, work closely with leaders of other units, sections and bureaus in the agency to determine future workload and direct staff to prepare for the work load. Hiring of temporary employees, consultants, authorizing overtime in addition to budgeting and advocating for the purchase of new equipment when necessary. Ensuring all unit staff receive necessary training and equipment to perform their work safely and effectively. **Specification development:** Develop and maintain hot-mix asphalt and related material specifications, facilitating routine partnering meetings with Vermont's paving industry to develop and update standard specifications used in the production and testing of hot-mix asphalt. Worked closely with leaders in the agency to identify improvements in the materials being specified and guide staff to prepare sampling and testing practices that ensure these new technologies can be implemented successfully. **Subject matter expert:** Function as the Agency and Industry liaison for hot-mix asphalt related issues and serve as the immediate point of contact for the Agency in regard to the performance of hot-mix asphalt materials. **Workforce development:** Facilitate knowledge transfer, succession planning, recruitment and development of employees. Recommend or assign training to facilitate growth of staff. Promote knowledge transfer and cross-training within the unit as well as with other materials section staff. Provide regular structured performance evaluations providing feedback to all employees and ensure supervisors provide the same for their subordinates. Establish; and encourage mentor/mentee relationships within and without the unit.

Vermont Agency of Transportation, Berlin, VT. 08/10-05/15. AOT Technician VII. Mr. Willette scheduled and assigned field personnel for the inspection and testing of hot-mix asphalt for the Agency of Transportation, provided overall administration and supervision of the Hot-Mix Asphalt Field Unit ensuring that work was accomplished in a safe and efficient manner and staff received all relevant training and certifications, conducted annual inspections of all hot-mix asphalt plants that produce asphalt for the

Agency of Transportation to ensure that all plants and associated testing laboratories were in compliance with Agency's "Qualified Laboratory Program" and specifications, and oversaw the preparation of annual reports, research efforts and off-season assignments.

Vermont Agency of Transportation, Berlin, VT. 09/19-08/10. AOT Technician II, III, IV & V. Mr. Willette was responsible for conducting all aspects of material acceptance testing activities associated with the production of Hot-Mix Asphalt on VTrans paving contracts, he conducted standard MSHTO, ASTM and In-House test methods to evaluate material compliance against Agency specifications, and conducted annual inspections of all hot-mix asphalt plants that produce asphalt for the Agency of Transportation to ensure that all plants and associated testing laboratories were in compliance with Agency's "Qualified Laboratory Program" and specifications.

Bruce Girouard

Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician III

EDUCATION:
BS/1994/General Studies-Marketing. Magna Cum Laude

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field-Testing Tech – Grade I - 2020 (Anticipated Recertification)
PCI Level II
Q/C Resource/Nuclear Moisture Density Gauge Certificate
OSHA 10-Hour

TOTAL YEARS EXPERIENCE: 10

Professional Profile

Mr. Girouard graduated Magna Cum Laude from Franklin Pierce University. For the past 10 years, he gained experience performing precast & prestressed concrete inspection. Mr. Girouard was formerly certified as NETTCP Soils & Aggregate Inspector, Concrete Technician I, and Hot Mix Asphalt Inspector and although these certifications have expired, he will renew as required. Currently Mr. Girouard is seeking to gain additional experience as an inspector and utilize his current strengths in this field.

Project Experience

HRV Conformance Verification Associates, Inc. 09/14-10/19. Materials Inspector. Mr. Girouard was responsible for the inspection of precast/prestressed concrete products and verifying conformance with job drawings and specifications. Additionally, he generated reports on the inspected products.

John Turner Consulting. 07/10-09/14. Field Technician. Mr. Girouard traveled to various construction sites performing material testing and inspections. He reported the test result findings to the job superintendent and created reports of the test and inspection results. He also performed laboratory tests on various construction products recording and reporting results.

Bethany Oprendeck
 Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:
*AE Civil & Environmental Engineering
 Technology/Vermont Technical College,
 2018*

REGISTRATIONS/CERTIFICATIONS:
*ACI Concrete Field Testing Tech Grade 1-2016
 ATSSA Traffic Control Technician - 2012
 Nuclear Density Gauge – RSO Cert
 NETTCP Concrete Inspector - 2016
 NETTCP Drilled Shaft Inspector - 2019
 NETTCP Drive Pile Inspector - 2019
 NETTCP HMA Inspector - 2018
 NETTCP Soils & Aggregate Technician - 2015
 OSHA 10-Hour*

YEARS WITH FIRM: 11
TOTAL YEARS EXPERIENCE: 13

Professional Profile

Mrs. Oprendeck began her career as a Program Services Clerk with the Construction Division of the Vermont Agency of Transportation before coming to work for GPI as an Administrative Services Technician. She has worked for GPI since 2009 and has been promoted to a Technician II and subsequently to a Technician III. While working for GPI she returned to college and received her Associates in Engineering in Civil and Environmental Engineering Technology in May 2018 from Vermont Technical College, graduating summa cum laude.

Project Experience

On the following projects Mrs. Oprendeck served as an Inspector, Office Engineer, and/or the Chief Inspector.

As an Inspector, she was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. She was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item and documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

As an Office Engineer, she was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, samples, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

As a Chief Inspector, she was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, she also delegated duties to the inspector(s).

Statewide SW STPG SIGN(64), Multiple Towns, Southwest Region, VT. 10/19. Inspector. GPI provided construction inspection services for this project. Work performed under this project included the removal of existing signs and posts and the installation of new signs and posts on multiple routes in multiple towns in the Southwest Region. *Client: Vermont Agency of Transportation, Chris Williams, Resident Engineer*

Statewide Southeast STPG SIGN (67), Multiple Towns, Southeast Region, VT. 10/19-11/19. Inspector. GPI provided construction inspection services for this project. Project scope performed under this project included the removal of existing signs and posts and the installation of new signs and posts on multiple routes in multiple towns in the Southeast Region. As inspector, *Client: Vermont Agency of Transportation, Chris Williams, Resident Engineer*

Woodford BF 010-1(52)/Weathersfield STP 0146(16), VT. 04/19-10/19. Chief Inspector/Office Engineer. The Woodford on VT 9 consisted of lining the existing culvert with concrete spray-on liner and constructing a beveled headwall at the inlet. The Weathersfield project on VT 131 consisted of lining the existing culvert with a concrete spray-on liner and headwall repairs. *Client: Vermont Agency of Transportation, Jay Strong, Resident Engineer*

Middlesex IM 089-2(41), Morristown BRS 0240(3)S & STP HES 030-2(28), VT. 04/18-11/18. Inspector/Office Engineer. The projects were both roadway and bridge construction and provided new areas of experience such as with Mechanically Stabilized Earth retaining walls, a precast concrete Cattlepass, and work above and adjacent to the Interstate and active railroad lines. *Client: Vermont Agency of Transportation (VAOT); Tom Mancini, Resident Engineer (RE)*

Guilford BF 0113 (68), VT. 05/17-08/17. Inspector/Chief Inspector/Office Engineer. Project scope included a complete replacement of the US 5 Bridge over Broad Brook. The new bridge is comprised of a prefabricated superstructure. On the south end, prefabricated integral abutments supported by driven piles were installed. At the north end, prefabricated abutments were placed on bedrock. Mrs. Oprendeck was the primary inspector and the Office Engineer and at times filled in as the Chief Inspector. *Client: VAOT; Eric Foster, RE*

Rutland City Bridges. 01/15-01/17. Tech III. Office Engineer/Inspector. This project included replacement of two bridges including piles, drilled shafts, steel reinforcement, concrete, substructure and superstructure work, earth works, utility relocation, new drainage, and demolition of the existing bridges. *Client: VAOT; Tim Pockette, RE*

Cody Bassett

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech II

EDUCATION:
AAS/Arboriculture & Landscape Design/Paul Smith's College/2017
AAS/Construction Management/Vermont Technical College/2019

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field Testing Tech, Grade I-2017
NETTCP HMA Paving Inspector -2020
NETTCP Concrete Inspector-2020
NETTCP Driven Pile Inspector – 2020
OSHA 10-Hour
Nuclear Density Gauge – 2020
First Aid / CPR / AED

YEARS WITH FIRM: 2
TOTAL YEARS EXPERIENCE: 2

Professional Profile

Mr. Bassett is a graduate from Paul Smith's College with an AAS in Arboriculture and Landscape Design. Mr. Bassett also received his AAS in Construction Management from Vermont Technical College in 2019. He is now pursuing his BS in Construction Management.

Project Experience

Mr. Bassett has served as an inspector on the projects listed below. As an inspector, Mr. Bassett was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Statewide Wind/Flooding ER201-400, Northwest Region, VT. 11/19-12/19. Inspector. Work to be performed under this project included inspecting repair of the highways from damage caused by the wind and flooding event that occurred in Northwest Vermont on October 31, 2019. Construction repair activities included excavation, placement of fill, gravel, and stone fill, other erosion control measures, paving, guardrail and sign repair, and the appropriate traffic control. Damage assessments were also performed including checking culverts for wash outs and plugging. *Client: Vermont Agency of Transportation; Jim Cota, Project Manager.*

Statewide STP CRAK(37), Multiple Towns, Northern Region, VT. 08/19-11/19. Inspector. Scope of work performed under this project included the routing and sealing of cracks in bituminous pavement on existing state, US, and interstate highways in the northern region, as well as the associated traffic control. *Client: Vermont Agency of Transportation; Scott Wheatley, Resident Engineer*

Statewide STP CRAK(36), Multiple Towns, Multiple Counties Statewide, VT. 04/19-06/19. Inspector. Work performed under this project included routing and sealing of cracks in bituminous concrete pavement on State, US, and Interstate highways and the appropriate traffic control. *Client: Vermont Agency of Transportation, Elise Coolbeth, Resident Engineer, 802.793.0529, elise.coolbeth@vermont.gov*

Statewide Southeast STPG MARK (308); 05/17-08/17. Construction Inspector. This was a statewide construction contract that entailed the application of center line, edge line, and lane line markings on Class 1 and Class 2 town highways within Orange, Washington, Windham, and Windsor Counties. *Client: Vermont Agency of Transportation; Tom Chase, Resident Engineer*

Statewide Southwest STPG MARK (309); 05/17-08/17. Construction Inspector. This was a statewide construction contract that entailed the application of center line, edge line, and lane line markings on Class 1 and Class 2 town highways within Addison, Rutland, and Bennington Counties. *Client: Vermont Agency of Transportation; Tom Chase, Resident Engineer*

Other Experience

Self Employed. Summers of 2014, 2015, 2016, and 2018. Mr. Bassett performed a variety of jobs including tree removal and trimming and various other landscaping projects.

Christopher Eilers

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech II

EDUCATION:

AAS in Construction Management/Vermont
Technical College/2016
Electrical/Windham Regional Career
Center/2009

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Technician, Grade
1 – 2020
NETTCP HMA Paving Inspector – 2020
NETTCP Concrete Inspector – 2020
OSHA 10 – 2020
Nuclear Density Gauge – 2020

YEARS WITH FIRM: 1

TOTAL YEARS EXPERIENCE: 9

Professional Profile

Mr. Eilers originally attended Vermont Technical College between 2011 and 2013 but did not complete his coursework. He returned to complete his Associates of Applied Science in Construction Management in 2016. His technical skills include Auto CAD, Microsoft Word, Excel, and Project, and surveying with total stations, levels, and transits.

Mr. Eilers worked for an excavation contractor from 2009 to 2019. He is familiar with construction safety practices and plan reading. He has a good understanding of construction materials and the calculation of quantities. As a construction worker for seven years, he is comfortable working for extended hours and performing strenuous tasks. He has experience working around large equipment and he knows equipment operations, maintenance, and safety protocols.

Project Experience

Mr. Eilers worked as an inspector on the following projects listed below. As an inspector, he was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was also responsible for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Manchester-Peru STP 2708(1), VT. 05/19-12/19. Inspector. This project was a 9.6-mile resurfacing project on VT 30. Work to be performed under this project included

coarse-milling and resurfacing with leveling and wearing courses, guardrail, signs, drainage improvements, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation (VAOT; Chad Greenwood, Resident Engineer (RE)).*

Winhall ST 2974(1), VT. 05/19-12/19. Inspector. Winhall was a 0.4-mile resurfacing project on the Winhall State Highway. Work to be performed included overlaying with leveling and wearing courses, guardrail, signs, pavement markings, and other highway related items. *Client: VAOT; Chad Greenwood, RE.*

Jamaica-Winhall STP 2904(1), VT. 05/19-11/19. Inspector This project was a 9 mile reclaim project on VT 30. The scope of work for this project included reclaiming the existing roadway and paving with intermediate and wearing courses, new curb installation, sidewalk reconstruction, guardrail, drainage improvements, pavement markings, and other highway related items. *Client: VAOT; Chad Greenwood, RE*

Winhall STP SCRP(14), VT. 07/19-08/19. Inspector. This project on VT 30 included the removal and replacement of a structurally deficient 30-inch culvert and replacing it with a 4'-6" x 4' x 63' precast concrete box culvert with headwalls and wingwalls. The project also includes associated channel work and other highway related items. A weekend long full road closure was used for the culvert removal and installation activities, during which traffic was maintained using an off-site detour. *Client: VAOT; Chad Greenwood, RE*

Prior Firm Experience

Eilers Brothers Trucking & Excavating; Readsboro, VT. 2009-2019. Skilled Laborer/Surveyor. Mr. Eilers has worked on a variety of projects including road repairs on State routes, hydro dam projects for TransCanada and Brookline Power, town projects, residential, installation of septic systems, gravel pit screening and crushing, foundation excavation and backfilling, clearing, and snow removal.

Codogni and Sons Plumbing and Heating; Readsboro, VT. 2008-09. Laborer. Mr. Eilers worked on the installation of radiant heat systems, other interior plumbing, and HVAC.

Craig P. Plumb
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech V

EDUCATION:

2005/Vermont Local Roads Management Academy, Williston, VT
 AS/1989-1991/Civil Engineering Technology/Vermont Technical College
 AS/1987/Small Business Management/Dean Junior College, Franklin, MA

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Technician, Grade I - 2020 (Anticipated Recertification)
 NETTCP Concrete Inspector - 2016
 NETTCP Driven Pile Inspector - 2016
 NETTCP HMA Paving Inspector – 2020 (Anticipated Recertification)
 NETTCP Soils & Aggregate Inspector - 2017
 NETTCP Drilled Shaft Inspector - 2018
 NHI Bridge Inspection Course
 Nuclear Gauge and Radiation Safety
 OSHA 10-Hour

YEARS WITH FIRM: 6

TOTAL YEARS EXPERIENCE: 29

PROFESSIONAL AFFILIATIONS:

American Public Works Association
 American Traffic Safety Services Association
 APWA member and NEAPWA Executive Board of Directors
 VMHA member and board member
 Vermont Work Zone Advisory Council member
 ATSA Certified Traffic Control/Safety Trainer
 Former President and Current Member of Creek Farm Homeowners Association

Professional Profile

Mr. Plumb began his career with VTtrans and currently has 29+ years of experience in the engineering/construction industry. Projects have ranged from a few thousand dollars to multi-million dollar projects. He has provided all forms of project support, from being a laborer on a bridge project to project/construction management. Responsibilities have included design, estimating, budget management and labor, contract management and construction inspection. He is proficient in Microsoft Office suite, AutoCAD, Micro Paver, Arc View, Manager Plus, Microsoft Project, Bluebeam Revu, and Adobe.

Project Experience

GPI, Albany, NY Branch/VT. 04/14-Present

As a Resident Engineer he was responsible for the administration and inspection of the project including ensuring the project was constructed according to the contract documents and that all materials were in conformance with the specifications. Duties included ensuring that all work was accomplished in accordance with all safety and environmental regulations. He served as the single point of contact for all project matters during construction.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor’s layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor’s physical operations to ensure adherence to the specifications for each item, documentation of the contractor’s activities including measurement, calculation, and reporting of all pay items.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

South Burlington STP 5200(17) Market Street. 05/18-present. Resident Engineer. GPI is providing construction inspection services for this project, which includes new pavement, new subbase, new sewer and water lines, drainage modifications, new stormwater treatment ponds, sidewalks, curbing, pavement markings, lighting, landscaping, traffic signal modifications, and other related items on new horizontal and vertical geometry. As resident engineer Mr. Plumb is responsible for the administration and inspection throughout construction of the project. As Resident Engineer, he ensured the project was constructed according to the contract documents and that all materials were in conformance with the specifications. All work must be accomplished in accordance with all safety and environmental regulations. He served as the single point of contact for all project matters during construction. *Client: City of South Burlington, Justin Rabidoux, Public Works Director, 802.658.7961, jrabidoux@sbrul.com*

South Burlington-Williston NH 2944(1), South Burlington, VT. 05/17-01/18. Chief Inspector. Scope of this project included cold planing, concrete pavement removal, base course, intermediate courses and wearing course, correcting superelevation deficiencies, new pavement markings, guardrail, signs and other highway related items. Williston NH 2949 (1) included cold planing and resurfacing of the existing highway with an intermediate course, wearing course, new pavement markings, guardrail, signs and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Josh Hulett, Resident Engineer (RE)*

Cynthia Porter

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:

HS Diploma

REGISTRATIONS/CERTIFICATIONS:

NETTCP HMA Paving Inspector - 2017

TROXLER Nuclear Density Gauge Certified

YEARS WITH FIRM: 1

TOTAL YEARS EXPERIENCE: 27

Professional Profile

Ms. Porter has 26 years of experience with paving, guardrail and fence installation on Vermont Agency of Transportation (VTrans) projects including the inspection and documentation of those activities.

Project Experience

As Chief Inspector, Ms. Porter is responsible for the administration, engineering, and inspection of the project. She is accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties include monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties are also included. As Chief Inspector, she delegates duties to the Inspector(s) and the Office Engineer.

As an Inspector, Ms. Porter was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. She was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the

specifications for each item. S/he was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Waterbury-Richmond IM SURF(58), VT. 04/19-12/19. Chief Inspector. The scope of work included surface preparation involving patching, pothole repair, crack sealing, and micro-milling, and then inlaying a wearing course on 31.6 miles of Interstate 89. The project also included pavement markings and guardrail rehabilitation. *Client: Vermont Agency of Transportation (VAOT); Josh Hulett, Resident Engineer (RE).*

Essex-Underhill STP PS19(6), Essex, Jericho, and Underhill, VT. 09/19-10/19. Inspector. Project scope included milling and resurfacing with a leveling and wearing course, pavement markings, guardrail improvements, and other highway related items on 13 miles of VT 15. *Client: VAOT; Josh Hulett, RE.*

Statewide STP CRAK(36), Multiple Towns, Multiple Counties, VT. 04/19-06/19. Inspector. Work performed under this project included routing and sealing of cracks in bituminous concrete pavement on State, US, and Interstate highways and the appropriate traffic control. *Client: VAOT, Elise Coolbeth, RE.*

Prior Firm Experience

Boswell Engineering, 2010-2018. Ms. Porter served as an inspector on the following projects. As an Inspector, she was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. She was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Waterbury-Stowe STP 2945(1) & Stowe STP STSW(1). 2018. Tech IV, Inspector. This is a reclaim project on VT 100 which includes cold planing, concrete pavement removal, paving of base and wearing courses, correction of superelevation deficiencies, guardrail, drainage, pavement markings, drilling and blasting, sidewalk, curb, road realignment, bike path, and signs. *Client: Vermont Agency of Transportation (VAOT); Bob Suckert, Resident Engineer (RE)*

Ferrisburgh-Middlebury NH SURF (55). Tech IV, Inspector. This project on US 7 included surface preparation involving patching, pothole repair, and crack sealing, micro milling and overlaying with a thin bituminous surface treatment on existing typical, rail crossing improvement/reconstruction and other related items. *Client: VAOT*

Statewide IMG MARK(116). Tech IV, Inspector. This project on the interstate system included new pavement markings including edge lines, lane lines, dashed and dotted acceleration lines, ramp edge lines, stop bars, letters, symbols, and crosswalks. *Client: VAOT*

Ferrisburgh NGH SGNL(42). Tech IV, Inspector. This project on US 7 included a traffic signal, signing, and other related items. *Client: VAOT*

Essex NH 2956(2). Tech IV, Inspector. This project on VT 15 and VT 117 included cold planing and overlaying with leveling and wearing courses, new pavement markings, drainage improvements, vehicle stop bar detection systems, pedestrian equipment upgrades, grade crossing reconstruction, and other highway related items. *Client: VAOT*

Dillon Bianchi

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE III

EDUCATION:

BS/2012/ Sustainable Design and
Technology/Vermont Technical College
AE/2010/ Civil and Environmental Engineering
Technology/Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Technician, Grade I
- 2016
NETTCP Concrete Inspector – 2020
(Anticipated Recertification)
NETTCP Concrete Technician – 2020
NETTCP Drilled Shaft Inspector –
2020(Anticipated Recertification)
NETTCP Driven Pile Inspector - 2016
NETTCP HMA Paving Inspector - 2017
NETTCP Soils & Aggregate Inspector – 2019
NETTCP Precast Concrete Technician –
2020(Anticipated)
PTI - Bonded Post Tensioning, Level I & II –
2017
ASBI Grouting Certification - 2017
Nuclear Density Gauge
OSHA 10
ATSSA Traffic Control Technician - 2017
AGC/VT Registered Flagger - 2017

YEARS WITH FIRM: 6

TOTAL YEARS EXPERIENCE: 8

Professional Profile

Mr. Bianchi has several years of experience in the construction industry. Mr. Bianchi is knowledgeable in water and sewer line construction and inspection along with paving, bridge construction, including post tensioning and precast components. Mr. Bianchi is an excellent team player as well as working independently. Due to his excellent work ethic and management skills, Mr. Bianchi transitioned into the position of Chief Inspector. He is also proficient in Microsoft Office programs, SiteManager, AutoCAD, roadway design, water and septic design, civil and environmental design, layout, surveying, estimating, and soil and material testing.

Project Experience

On the projects listed below, Mr. Bianchi served as a Chief Inspector and Office Engineer.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the projects. He was responsible for survey, including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements, and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

Statewide STP CRAK(38), Multiple Towns, Southern Region, VT. 07/19-11/19. Chief Inspector / Office Engineer. The scope of work performed under this project included the routing and sealing of cracks in bituminous pavement on existing state, US, and interstate highways in the southern region, as well as the associated traffic control. *Client: Vermont Agency of Transportation (VAOT); Daryl Bassett, Resident Engineer (RE).*

Springfield-Hartland IM SURF(62), VT. 04/19-09/19. Chief Inspector/Office Engineer. This project on I-91 NB was 21.30 miles long. Work to be performed under this project included micro-milling, surface preparation involving patching, pothole repair, and crack sealing, overlaying with a thin bituminous surface treatment, pavement markings, guardrail improvements, and other highway related items. *Client: VAOT, Daryl Bassett, RE*

Brattleboro NHG SIGN (53), VT. 08/18-11/18. Chief Inspector. Project was located on VT 9 near I-91 Exit 2 interchange. Project scope included replacement of large multi support overhead traffic signs. This involved the moving of water lines, fire hydrants, sewer manhole, sewer lines, guardrail and more. *Client: VAOT; Eric Foster, RE*

Guilford Brattleboro IM SURF (60) & (61), VT. 06/18-10/18. Chief Inspector. Project was located on Interstate 91 North Bound and South Bound from MM 0.0 (the Massachusetts border) to MM 12.0. Work performed included micro-milling, pothole repair, bridge repair, crack sealing, overlaying with a thin bituminous surface treatment, traffic markings, and other highway related items. *Client: VAOT; Eric Foster, RE*

Rockingham STP GMRC (9), Rockingham, VT. 12/16-10/17. Chief Inspector and Office Engineer. Project was located at GMRC Bridge No. 107 over the Williams River. The scope of work for this project included the rehabilitation of the north abutment seat and bearing replacement, rehabilitation of the pier seat and bearing replacement, replacement of the south abutment back wall, seat, and bearings, truss rehabilitation, rivet replacements, and other associated work. *Client: VAOT; Eric Foster, RE*

David Cormany
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech V

EDUCATION:
AS/1996/Construction Practice & Management, Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:
*AASHTO T2 Sampling of Aggregates
ACI Concrete Field Testing Tech Grade I – 2018
Fall Hazard Training per Section 1926.503
First Aid/CPR/AED
NETTCP Concrete Inspector - 2018
NETTCP HMA Paving Inspector – 2018
NETTCP Driven Pile Inspector – 2020 (Anticipated)
Nuclear Density Gauge
OSHA 10-Hour Proficiency Course*

YEARS WITH FIRM: 3
TOTAL YEARS EXPERIENCE: 21

Professional Profile

Mr. Cormany is a highly motivated, skilled Project Manager/Estimator and Construction Inspector. He has supported the Construction Section of the Vermont Agency of Transportation on various road, bridge, and rail project assignments including inspection and plan review for over 21 years. Mr. Cormany is also proficient in Timberline Estimating Software.

Project Experience

Mr. Cormany has worked on the following projects as a Chief Inspector and Office Engineer.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor’s layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

Brandon-Goshen ER STP 0162(22). 07/18-11/19. Chief Inspector. This project was a 7.5 mile reclaim project on VT 73. Work to be performed included reclaiming the existing roadway and paving with a cold-mixed recycled pavement, leveling and

wearing courses of hot mix, drainage improvements, guardrail, signs, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Ryan Darling (2018) and Chris Barker (2019), Resident Engineers (RE).*

Cavendish-Shrewsbury NH 2975(1). 04/18-07/18. Chief Inspector/Office Engineer. This was a rail crossing project. *Client: VAOT; Chris Williams, RE*

Rutland-Burlington VTRY(9), Leicester VTRY(13), Vergennes VTRY(14), Vermont. 06/17-07/18. Chief Inspector/Office Engineer. This rail project included traffic maintenance, welded rail, ties, turnouts, and ballast. *Client: VAOT; Chris Williams, RE*

Previous Experience

J. Hutchins, Inc., Richmond, VT. 2014-2016. Project Manager/Estimator. Mr. Cormany was the sole estimator and manager of all VTRANS projects (± \$ 4M annually) for J. Hutchins. In his role he developed and executed bid proposals, communicated and negotiated with vendors and subcontractors, managed and organized project set up in the field, located approved staging and waste sites, communicated and negotiated with property owners, attended preconstruction conferences and networked with outside contractors/vendors, procured materials, scheduled timely material deliveries to project sites, coordinated immediate material needs per field requests, communicated and negotiated with Resident Engineers and Designers, obtained material certifications, insured Digsafe requirements were in place, maintained, organized, and analyzed project documentation, quantity tracking, quantity recording, and implemented change orders.

EIV Technical Services, Williston, VT. 1999-2014. Chief Inspector/Inspector. Scopes for these projects included, but were not limited to asphalt paving, cold planing, reclaimed stabilized base, bridge construction and rehabilitations (pre-cast slab, concrete/steel girder and timber superstructures), pile driving, drainage improvements, guardrail, signs, pavement markings, pedestrian improvements, traffic signals, blasting, railroad crossing construction, utility relocation, curb and sidewalk, environmental and safety compliance, material sampling and testing, daily work reports, and generation of contractor bi-weekly estimates.

Daniel J. Fletcher

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:

*BS/2005/Business Technology & Management
/Vermont Technical College
Certificate/1998/Security Police Training/
Community College of the Air Force*

REGISTRATIONS/CERTIFICATIONS:

*ACI Concrete Field Testing Tech-Grade I –
2019
ATSSA Traffic Control Supervisor - 2017
ATSSA Traffic Control Technician - 2017
MSHA (Mine Safety and Health Training) 24-
Hour Course
NETTCP Concrete Inspector - 2015
NETTCP Driven Pile Inspector - 2016
NETTCP HMA Paving Inspector – 2020
(Anticipated Recertification)
OSHA 10-Hour
Troloxer Nuclear Density Gauge*

YEARS WITH FIRM: 4

TOTAL YEARS EXPERIENCE: 14

Professional Profile

Mr. Fletcher's background includes a unique assortment of experience presenting leadership, communication, and management skills including 6 years of experience as an inspector for work conducted on Vermont Agency of Transportation projects and Quality Control testing for field activities. Mr. Fletcher presents excellent written and oral communication skills and is proficient in Microsoft Word, Excel, Access, PowerPoint and Site Manager.

In addition to the registrations and certifications highlighted to the left, Mr. Fletcher completed several workshops broadening his knowledge including UMASS Dartmouth – Warm Mix Asphalt Technologies, UNH – Porous Pavement Workshop, Certified Airport Pavement Design, Construction & Maintenance Workshop at Logan Airport, and PQI (Pavement Quality Indicator) 301.

Project Experience

Mr. Fletcher has worked as a Chief Inspector or Inspector on the projects listed below. As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's

activities including measurement, calculation, and reporting of all pay items.

Waterbury FEGC F 013-4(13), VT. 04/19-01/20. Inspector. Work to be performed under this project includes the reconstruction of approximately one mile of Main St. (US 2) in the Village of Waterbury. This consists of removal of concrete roadway, new subbase, pavement, sidewalks, curbing, lighting, landscaping, tree removal, water, sewer, storm drainage, underground utilities, signage, and pavement markings. *Client: Vermont Agency of Transportation (VAOT); Tom Mancini, Resident Engineer (RE).*

Morristown BRS 0240(3)S, VT. 07/17-06/19. Chief Inspector. This project called for the replacement of an existing temporary bridge on VT 15A with a new curved girder structure along with channel work and new alignment. It also includes new intersection of VT 15 and 15A and replacement of existing cattle pass. *Client: VAOT; Tom Mancini, RE.*

Waterbury IM 089-2(43), VT. 03/16-07/17. Inspector. Bridges 46 N&S are located on I-89 (M.M 63.55) over Stowe Street and Thatcher Brook in the Town of Waterbury. Bridge 46A is located on the I-89 exit ramp over Stowe Street and Thatcher Brook in the Town of Waterbury. Project involved removal and replacement of concrete decks on Bridges 46 N&S; with related approach work and construction of temporary crossovers and the VT 100/I-89 intersection modifications, replacement of Bridge 46a with related approach work, and construction of a temporary off ramp for traffic maintenance. Stowe Street work included cold planning and paving, re-constructing sidewalk and curb, modifying existing parking area striping, and other incidental items. *Client: VAOT; Tom Mancini, RE.*

Prior Firm Experience

Boswell Engineering. 08/12-02/16 - Field Inspector, Various Locations, VT. Mr. Fletcher was responsible for inspection of work conducted on the following Vermont Agency of Transportation Projects.

Manchester Roundabout STP 0137 (17) S. Work consisted of installing a new precast bridge, water and sewer lines, two roundabouts, underground utilities, sidewalks, granite curbing, storm drainage, paving, and traffic control. *Client: Vermont Agency of Transportation*

Montpelier NH 028-2(9). Work consisted of clearing the ledge face, hand scaling, machine scaling, solid rock excavation, drilling, blasting, and traffic control. *Client: Vermont Agency of Transportation.*

David J. Hoyne, PE

Senior Construction Engineer

PROPOSED PROJECT ASSIGNMENT: Senior Construction Engineer

EDUCATION:

BS/1989/Civil Engineering

REGISTRATIONS/CERTIFICATIONS:

1994/Professional Engineer/VT

National Highway Institute Certified Instructor

FHWA-Bridge Maintenance Training, 2000

*FHWA- Construction Program Management
Workshop, 2005*

*FHWA-NHI-Course No. 13049 Economical and
Fatigue Resistant Steel Bridge Details, 1990*

*FHWA-NHI- Course No. 01-004 Highways in
the River Environment, 1993*

*FHWA-NHI- Course No. 132014, Drilled
Shafts, 2002*

*FHWA-NHI-Course Alternative Contracting,
2005*

*FHWA-NHI-Course No. 134064, Transportation
Construction Quality Assurance, 2006*

*FHWA-NHI-Course No. 136065, Risk
Management, 2008*

*FHWA-NHI-Course 420018 Instructor
Development Course, 2017*

*Vermont Criminal Justice Training Council, ICS
100, 2012, ICS 200, 2013*

AGC Fall Protection Training, 2005

*OSHA 1926.21 Construction Hazard
Awareness Training,*

*OSHA 1926.503 Fall Protection Certification
and Inspection, 2012*

*ASCE Leadership Development for the
Engineer, 2008*

ASCE Project Management, 2009

NASBA Fraud Awareness for Managers, 2008

*PCI, Prestressed Concrete Bridge Design
Course, 1996*

*AASHTO, Management Development Training,
1997*

YEARS WITH FIRM: 2

TOTAL YEARS EXPERIENCE: 30+

Professional Profile

Mr. Hoyne is an expert with demonstrated leadership for all phases of program delivery in the field of transportation engineering. He is driven to inspire transportation professionals to seek excellence in their work, promote a culture of quality and the fundamental principles and canons of the engineering profession. Mr. Hoyne is a leader with a clear focus on safety.

Mr. Hoyne has built a successful career through the development of lasting and effective relationships with all stakeholders, maximizing employee potential by aligning employee strengths with opportunities, and leading organizational excellence through process improvement, performance management and documentation. Mr. Hoyne is an expert at constructability reviews, contract specifications, root cause analysis and developing solutions to move complicated challenges forward. Mr. Hoyne has extensive experience analyzing contractors claims, delays and disputes, and has served as an expert witness and lead negotiator for many complex claims and mediation.

Firm Experience

GPI. 09/2017+. As Senior Construction Engineer, Mr. Hoyne will provide expertise with constructability reviews, claims analysis, client relationships for locally managed construction services contracts, a subject matter expert in construction engineering, asset management, process improvement, bridge management and inspection and will provide training and onboarding expertise for construction inspection staff.

FHWA Bridge Preservation Expert Task Group. Mr. Hoyne is supporting the BPETG as the principal author for the communication plan, facilitation services for the development of the next strategic plan and co-author for several of the technical guides promoting preservation such as the Bridge Washing, the Removal and Replacement of Bridge Coatings and Deck Patching guides.

West Virginia Department of Transportation. Mr. Hoyne is the principal investor leading the team with the renewal of the WVDOT-DOH Contract Award Manual. This project is capturing the current state workflows for the prequalification, PS&E, procurement and award processes including documentation of state and federal requirements, changes to the construction manual and standard specifications.

Municipally Managed Projects. Mr. Hoyne is serving as the regional manager for resident engineer and construction inspection services for locally managed projects. Projects include the Market Street reconstruction project in South Burlington, Sykes Mountain Avenue Roundabouts project in Hartford, and sidewalk projects in Springfield, West Rutland and Moretown Village, Vermont.

National Highway Institute. Mr. Hoyne is a certified instructor teaching three courses for NHI including 130053 Bridge Inspection Refresher, 134067 Inspection of Bridge Rehabilitation Projects and 130091B Underwater Bridge Repair and Countermeasures. In addition, Mr. Hoyne is the subject matter expert for a new 6-hour web-based training for construction inspectors and is responsible for developing the technical content for the lessons.

Albany Port District Commission. Mr. Hoyne is providing expert guidance to the APDC as they navigate a notice of claim for a construction delay alleged by the contractor. *Client: Albany Port District Commission.*

Prior Firm Experience

AASHTO Subcommittee on Construction, Vice Chair, 2010-2017. Responsibilities included the development of the annual work plan, managing the committee functions in preparation and support of the annual meeting and providing support for the Chair and AASHTO committee liaison with committee matters.

David Kraus

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:

BS/2016/Construction Management – Vermont Technical College
 AAS/2014/Civil & Environmental Engineering Vermont Technical College
 2010-2011/Various classes in Environmental Science - University of Vermont

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech-Grade I - 2020 (Anticipated Recertification)
 AGC/VT – Registered Flagger - 2017
 ATSSA Traffic Control Coordinator - 2017
 CPR & AED Certified
 NETTCP Concrete Inspector - 2017
 NETTCP Driven Pile Inspector - 2018
 NETTCP HMA Paving Inspector - 2017
 Nuclear Density Gauge
 OSHA 10-Hour & 30-Hour

YEARS WITH FIRM: 4

TOTAL YEARS EXPERIENCE: 5

Professional Profile

Mr. Kraus has experience in construction inspection working for GPI, as well as the Vermont Agency of Transportation. In addition to his field experience and the certifications listed, he has obtained additional training in AutoCADD, Surveying (Total Station & Transit), Excel, On-Screen Take-Off, and Highway Safety Training.

Project Experience

Mr. Kraus has worked as a Chief Inspector, Office Engineer, and/or Inspector on the projects listed below.

As Chief Inspector, he was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included.

As an Office Engineer, he was responsible for project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, Monitoring certifications and sampling, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights payroll issues.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Manchester VTRY(7), VT. 07/19-12/19. Chief Inspector/Office Engineer. Work performed under this project included the rehabilitation of existing through girder span for VTR Bridge No. 72 over the Battenkill at Mile Post 24.18. Project also consisted of replacement of portions of the existing cut stone abutments, existing timber and stone masonry backwalls, and stone masonry wingwalls. Additionally, work consisted of construction of precast concrete approach slabs with integral backwalls. *Client: Vermont Agency of Transportation VAOT; Chris Williams, Resident Engineer (RE).*

Manchester STP 2970(1) & Manchester STP BP 15(5), VT. 06/18-07/19. Inspector. These projects consist of cold planing and paving with leveling and wearing courses, pavement markings, signs, drainage improvements, a highway-railroad grade crossing reconstruction and signal improvements, stop bar detection, pedestrian signal system modifications, curbs, landscaping, sidewalk modifications to meet ADA standards; and street lighting. *Client: VAOT; Chris Williams, RE.*

Wallingford ER STP 0138(11), VT. 06/18-07/18. Inspector. This project on VT 140 consisted of reconstruction of the roadway and streambank stabilization. *Client: VAOT; Chris Williams, RE*

Manchester STRB 16(1), VT. 2017. Inspector. This project consisted of rehabilitation of an existing through girder span, reconstruction of existing abutment back walls and associated track work. *Client: VAOT; Tim Pockette, RE.*

Rutland-Killington ER NH 020-2 (36), VT. 04/17-05/18. Inspector. The work included cold planing and resurfacing of the existing highway with a binder course, wearing course, pavement markings, guardrail, signs, new precast box culvert, ledge removal and other highway related items. *Client: VAOT; Tim Pockette, RE.*

Pittsford HPP ABRB(9), VT. 11/16-04/17. The project consisted of rehabilitation of a 210-ft, 2-span, steel truss bridge built in 1900. *Client: VAOT; Tim Pockette, RE.*

Mendon ER 020-2(39), VT. 05/16-08/17. Inspector. 05/16-10/16. The work included the stabilization of a ravine, channel work, installation of a new culvert, and other highway related items. All work was performed next to and in a pristine stream that supplied the City of Rutland with its water supply. *Client: VAOT; Tim Pockette, RE.*

Dylan Lahar

Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician II

EDUCATION:
AE in Civil and Environmental Engineering Technology/Vermont Technical College/2019
Community College of Vermont/34 credits earned

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field Testing Technician, Grade - 2020
NETTCP HMA Paving Inspector – 2020 (Anticipated)
Nuclear Density Gauge and Radiation Safety OSHA 10-Hour
CDL including Class A endorsements

YEARS WITH FIRM: 0.5
TOTAL YEARS EXPERIENCE: 1

Professional Profile

Mr. Lahar is a graduate of Vermont Technical College in May of 2019 with an Associates of Engineering in Civil and Environmental Engineering Technology. He has one season of construction inspection experience, two summers of experience in construction working for contractors, and two summers driving truck. His technical skills include surveying, Auto CAD, and Carlson. He is highly committed to work and is an excellent team player.

Project Experience

Mr. Lahar served as an inspector on the projects listed below. As an Inspector, he was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor’s physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor’s activities including measurement, calculation, and reporting of all pay items.

Statewide STP CRAK(37), Multiple Towns, Northern Region, VT. 08/19-11/19. Inspector. Scope of work performed under this project included the routing and sealing of cracks in bituminous pavement on existing state, US, and interstate highways in the northern region, as well as the associated traffic control. *Client: Vermont Agency of Transportation (VAOT); Scott Wheatley, Resident Engineer (RE).*

Springfield-Hartland IM SURF(62), VT. 05/19-09/19. Inspector. This project was a thin-lift paving project of 21.3 miles of I-91 Northbound. Work to be performed under this project included micro-milling, surface preparation involving patching, pothole repair, and crack sealing, overlaying with a thin bituminous surface treatment, pavement markings, guardrail improvements, and other highway related items. *Client: VAOT; Daryl Bassett, RE.*

Prior Firm Experience

J. P. Sicard, Inc., Barton, VT. Derby IM 091-3(49), 06/18-08/18. Intern. The scope of this project was the rehabilitation of the existing bridge including a new superstructure, new bearings, new pier caps, removal of an existing pier, and related roadwork. Mr. Lahar worked on bridge demolition, forming for and placing concrete, placing and tying reinforcing steel, roadwork, and paving.

Couture Trucking, Lyndonville, VT. 05/16-08/16 and 05/17-08/17. Truck Driver. Mr. Lahar drove truck delivering grain to microbreweries.

Dale E. Percy, Inc.; Stowe, VT.; Jay Peak Resort. 06/15-08/15. Laborer. Mr. Lahar worked on the installation of water and sewer lines.

David Lawrence Sager III
Construction Services

**PROPOSED PROJECT
ASSIGNMENT: CE I**

EDUCATION:

*BS/2018/Engineering & Management, Minor in
Project Management – Clarkson University –
Senior Year Dean's List*

REGISTRATIONS/CERTIFICATIONS:

*ACI Concrete Field-Testing Tech Grade I –
2017
NETTCP Soils & Aggregate Inspector–2018
Nuclear Gauge Testing – RSO Certificate
Bolt Pull Testing Trained*

TOTAL YEARS EXPERIENCE: 2+

Professional Profile

Mr. Lawrence is currently employed with a lab & testing company and has been employed there since graduating college, working on the New Tappan Zee Bridge as the Oversight Lab Manager. Mr. Lawrence is looking for new challenges and a faster pace. His experience also encompasses utilities, roadwork, building work, and welcomes new opportunities and training. Mr. Lawrence is also proficient in Microsoft Word, Excel, PowerPoint and well versed additional programs such as AutoCAD, Microsoft Project, ArcGIS, Mathlab, and SAP.

Project Experience

Atlantic Testing Laboratories, Campbell Hall, NY - Governor Mario M. Cuomo Bridge (formerly Tappan Zee Bridge), Tarrytown, NY. 08/17-Present. Oversight Lab Manager. Previous projects completed with construction testing include NYSTA-Shared use path across New Tappan Zee Bridge-Nyack, NY, Entertainment Village-Monticello NY, Kartrite Hotel and Waterpark-Monticello NY, Sullivan County Jail Water, Sewer and Drainage lines-Monticello NY, Westchester County Airport-White Plains, NY, UPS Wawarme Ave-Hartford, CT, and Hudson Valley Federal Credit Union-Poughkeepsie, NY.

PT Enterprises of Orange County, Montgomery, NY. Summers of 2015 and 2016. Landscaping. Assisted with maintaining the grounds of a private estate.

City Line Auto Repair, Montgomery, NY. 11/13-08/15. Auto Repair. Ability to perform routine repairs and tasks under direction of lead mechanic and owner. Knowledge of standard automotive repair.

Leadership Experience

Eagle Scout – Boy Scouts of America. 2013. Eagle Scout Project on Bannerman Island led 40 volunteers in clearing trails, and installing wooden steps on steep trail, organized transportation to and from island.

Boys State NY Attendee. 2013. Commissioner of Sustainability and Economic Development.

Boy Scouts of America – Troop 27, Newburgh, NY. 2002-2013. Senior Patrol Leader, Scribe, and Troop Guide

Donald R. Spruit, P.E.

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE III

EDUCATION:

BS/1972/Civil Engineering

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech-Grade I-2014

ATSSA Registered Flagger - 2017

ATSSA Traffic Control Technician - 2017

NETTCP Concrete Inspector - 2015

NETTCP Driven Pile Inspector - 2018

NETTCP HMA Paving Inspector - 2018

Nuclear Density Gauge – RSO Cert

OSHA 10-Hour

PCI Precast Inspector, Grades I & II

Professional Engineer/NH

Professional Engineer/VT

YEARS WITH FIRM: 11

TOTAL YEARS EXPERIENCE: 40+

Professional Profile

Mr. Spruit has 40+ years of experience in the construction industry and is highly experienced in utility, highway and bridge construction projects. He has a proven history of successfully managing all aspects of his projects and completes them on-time, on-budget, and with high-quality.

Project Experience

GPI, Albany, NY. 04/09-Present. Office Engineer/Chief Inspector/Inspector. Mr. Spruit has been assigned to many Vermont Agency of Transportation projects. The projects include all types of new and reconstructed roads, railroads, and bridges. He was responsible for project documentation, reporting, inspections, and material testing.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office

utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Jamaica-Winhall STP 2904(1), VT. 04/19-11/19. Office Engineer/Inspector. This project was a 9 mile reclaim project on VT 30. The scope of work for this project included reclaiming the existing roadway and paving with intermediate and wearing courses, new curb installation, sidewalk reconstruction, guardrail, drainage improvements, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Chad Greenwood, Resident Engineer (RE).*

Manchester-Peru STP 2708(10)/Winhall ST 2974(1), VT. 06/19-11/19. Office Engineer/Inspector. The Manchester-Peru project was 9.6-mile resurfacing project on VT 30. Work to be performed under this project included coarse-milling and resurfacing with leveling and wearing courses, guardrail, signs, drainage improvements, pavement markings, and other highway related items. Winhall was a 0.4-mile resurfacing project on the Winhall State Highway. Work to be performed included overlaying with leveling and wearing courses, guardrail, signs, pavement markings, and other highway related items. *Client: VAOT; Chad Greenwood, RE.*

Winhall STP SCRP(14), VT. 07/19-08/19. Office Engineer/Inspector. This project on VT 30 involved the removal and replacement of a structurally deficient 30-inch culvert and replacing it with a 4'-6" x 4' x 63' precast concrete box culvert with headwalls and wingwalls. The project also included associated channel work and other highway related items. A weekend long full road closure was used for the culvert removal and installation activities, during which traffic was maintained using an off-site detour. *Client: VAOT; Chad Greenwood, RE.*

Bennington NH 2966(1) & Bennington STP 2973(1). 06/18-12/18. Office Engineer/Inspector. Work performed under these projects included cold planing and resurfacing of the existing highway with a shim/leveling course and a wearing course, new pavement markings, drainage improvements, an at-grade rail crossing rehabilitation, video vehicle detection systems, sidewalk ramps, new signs, and other highway related items. *Client: VAOT; Chris Williams, RE.*

Manchester STRB 16(1), VT. 05/17-07/18. Office Engineer. The scope of work for this project consisted of the rehabilitation of through girder span and the reconstruction of abutment backwalls and associated track work on the railroad bridge VTR Bridge No. 74 over the Batten Kill Creek at MP 26.20. *Client: VAOT.*

Elhadji Ba

Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician II

EDUCATION:

B.S. Construction Management, Vermont Technical College, 2019
AE Civil and Environmental Engineering Technology, Vermont Technical College, 2017

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech, Grade I-2018
NETTCP HMA Paving Inspector – 2020 (Anticipated)
Nuclear Density Gauge – 2020 (Anticipated)
OSHA 30-Hour
Procore Associate Certificate

YEARS WITH FIRM: <1
TOTAL YEARS EXPERIENCE: 1

Professional Profile

Mr. Ba received an AE in Civil and Environmental Engineering Technology from Vermont Technical College in 2017 and a BS in Construction Management from Vermont Technical College in 2019. He has experience working on residential and bridge construction as well as for a precast concrete plant. His skills include construction inspection and concrete testing. He is familiar with the following software; Microsoft Office, Microsoft Project, Procore, Blue Beam, and Carlson.

Prior Firm Experience

As an Inspector, Mr. Ba was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor’s physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor’s activities including measurement, calculation, and reporting of all pay items.

Statewide STP CRAK(37), Multiple Towns, Northern Region, VT. 08/19-11/19. Inspector. Scope of work performed under this project included the routing and sealing of cracks in bituminous pavement on existing state, US, and interstate highways in the northern region, as well as the associated traffic control. *Client: Vermont Agency of Transportation; Scott Wheatley, Resident Engineer*

Prior Firm Experience

J.P. Carrara and Sons, Inc., Middlebury, VT. 12/18-05/19. Quality Control Officer. Mr. Ba ‘s duties include pre-pour inspection of the forming and reinforcing steel placement, testing concrete, and post-pour inspection of the finished precast units.

Neil Daniel Construction, Ascutney VT. 5/18–7/18. Carpenter. Mr. Ba’s duties included concrete work and carpentry on culvert and bridge replacement projects.

Marlboro College, Marlboro, VT.2014 – Present. Faculty Dance Instructor. Mr. Ba directed class on traditional West African dance and drum. He assigned and reviewed short research papers related to the course and organized end-of-semester performance.

Panera Bread, Hadley, MA. 2011-2014. Prep Cook and Dishwasher.

Shaw’s Supermarket, Waterbury/South Burlington, VT.2006-2010. Dairy Clerk.

Self-employed laborer, Senegal, West Africa, 1997-2000. Residential construction laborer.

Earl E. Kingsbury, PE

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE III

EDUCATION:

BSCE/1984/Civil Engineering/Norwich
University

REGISTRATIONS/CERTIFICATIONS:

NH/Professional Engineer/#7434
VT/ Professional Engineer/#018.0092703
ACI Concrete Field Testing Tech, Grade I-
2016
NETTCP HMA Paving Inspector - 2016
NETTCP Concrete Inspector - 2016
NETTCP Driven Pile Inspector - 2017
NETTCP Soils & Aggregate Inspector – 2018
Nuclear Density Gauge
OSHA 10

YEARS WITH FIRM: 5

TOTAL YEARS EXPERIENCE: 37

Professional Profile

Mr. Kingsbury has many years of experience including as a Contract Administrator for NHDOT, as a supervisor/estimator for Morrill Construction, and as an inspector, surveyor, and chief inspector for Boswell and GPI.

Project Experience

GPI. 2015-Present. Chief Inspector. Serving as the Chief Inspector on following State projects.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

Rutland-Pittsford NH 2963(1)/Pittsford STP 2968(1), Rutland-Pittsford, Rutland County, VT. 05/19-12/19. Chief Inspector. The Rutland-Pittsford project began on US 7 at Rutland MM 1.177 and extended northerly 4.151 miles to Pittsford MM 1.364. The Pittsford project began on VT 3 at MM 0.000 and extended northerly 2.807 miles to MM 2.807 which is the intersection with US 7. Work performed under this project included coarse-milling and resurfacing with leveling and wearing courses, guardrail, signs, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation*

Middlebury-Starksboro STP 2953(1), VT. 2018-19. Chief Inspector. Project included cold planing, shoulder work, resurfacing, drainage improvements, and guardrail improvements. *Client: Vermont Agency of Transportation (VAOT); Josh Hulett, Resident Engineer (RE)*

Middlebury-Ferrisburgh NH SURF (55), VT. 2017. Chief Inspector. Project included micromilling, paving, and signal work. *Client: VAOT; Bob Suckert, RE*

Granville ER STP 013-4(40), VT. 2016. Chief Inspector. Project included slope stabilization, drainage improvements, resurfacing, and guard rail. *Client: VAOT; Bob Suckert, RE*

Moretown ER STP 0167(15), VT. 2015. Chief Inspector. Work included slope stabilization, drainage improvements, resurfacing, and guard rail. *Client: VAOT*

Prior Firm Experience

Boswell Engineering. 2013-2015. Inspector. As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Morristown STP F 029-1(2), VT. Inspector/Surveyor. This project was a full depth construction project. *Client: VAOT; Bob Suckert, RE*

Morrill Construction, Inc. 2001-2013. Supervisor/Estimator. Worked as an estimator for securing work through the bidding process and as a supervisor of construction on State/Municipal projects. He was responsible for the layout of construction work from design plans, scheduling of work, supervision of various crews, coordination with subcontractors, coordination between owners, engineers, and various agencies, and resolution of construction plan conflicts. Major projects included the following.

- **North Street, Burlington, VT.** Installation of new conduits along North Street. This project was complicated because of the number of utilities requiring conduits and vaults. There were major traffic control issues because of all the traffic as well as the large number of residents and businesses. There was new curbing and pavement on the project.
- **St. Johnsbury, VT.** Total reconstruction of over a mile of road. Work included new storm drain, new water, and new sewer. There were a lot of conflicts requiring numerous redesigns in field. There were new select materials, curbing, sidewalks, landscaping, and paving.
- **Lyndonville, VT.** Installation of new water line and services.

Ian T. Shea
Construction Services

**PROPOSED PROJECT
ASSIGNMENT:** Technician III

EDUCATION:
*AS/2008/Civil Engineering, Vermont Technical
College
Clarkson University 2004-2005*

REGISTRATIONS/CERTIFICATIONS:
OSHA 10 – 2020 (Anticipated)

TOTAL YEARS EXPERIENCE: 10

Professional Profile

Mr. Shea has over 10 years of experience and is seeking a fulltime career in Civil Engineering. Mr. Shea has experience in designing and preparing plans and estimates for highway construction projects utilizing advanced CAD techniques along with other various software. He has a high level of attention to detail and takes pride in his work. His work involved regular communications, correspondence, presentations with consulting firms and clients. He followed established work rules and procedures while maintaining a positive effective working relationship with people. Additionally, Mr. Shea is proficient in Microsoft Office, AutoCAD, ArcMap, IHSDM, Estimator, Interplot Organizer, and MicroStation & INROADS.

Project Experience

Sugarbush Resort, Warren, VT. 2018-2019. Property Management/Tech. Mr. Shea assisted in all aspects of Mt. Ellen Lodge Maintenance.

Vermont Agency of Transportation, Montpelier, VT. 2014-2018. Traffic Design Technician/Tech VI. Mr. Shea assisted in design and traffic control.

Vermont Agency of Transportation, Montpelier, VT. 2008-2014. Roadway Designer/Tech IV. Mr. Shea assisted with all aspects of roadway design.

Property Management, Inc., Waitsfield, VT. 2005-2007. Mr. Shea assisted with all aspects of landscape design, maintenance, and construction.

Self Employed, Waitsfield, VT. Summer 2004. Painter. Mr. Shea was self-employed for the summer of 2004 performing exterior painting.

Jeremy Ascani

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech III

EDUCATION:

BS/2014/Sustainable Design and Technology
(Green Building) - Vermont Technical College
AS/2014/Architecture and Building
Engineering - Vermont Technical College
2013/Construction Practice and Management -
Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Technician, Grade
I - 2020 (Anticipated Recertification)
PCI (Precast/Prestressed Concrete
Institute) Level I-2014
NETTCP Soil and Aggregate Inspector-2015
NETTCP Concrete Technician-2015
NETTCP Driven Pile Inspector-2018
NETTCP HMA Paving Inspector-2018
NETTCP HMA Plant Technician-2015
Nuclear Gauge Safety Training
OSHA 10

YEARS WITH FIRM: 4

TOTAL YEARS EXPERIENCE: 9

Professional Profile

Mr. Ascani joined GPI in 2015 in an effort to expand his experience and knowledge in the field of engineering and construction. He recently completed the quality assurance for pre-pour steel reinforcement inspection, concrete placement of bridge deck panels, and the materials inspections at the Tappan Zee Bridge project located in Tarrytown, NY. Mr. Ascani was most recently performing construction inspection on the replacement of an existing bridge on a project for Vermont Agency of Transportation.

Project Experience

Mr. Ascani served as an Inspector on the projects listed below.

As an Inspector, Mr. Ascani was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Statewide STP CRAK(38), Multiple Towns, Southern Region, VT. 08/19-11/19. Inspector. The scope of work performed under this project included the routing and sealing of cracks in bituminous pavement on existing state, US, and interstate highways in the southern region, as well as the associated traffic control. *Client: Vermont Agency of Transportation (VAOT); Daryl Bassett, Resident Engineer (RE).*

Bedford Route 101 Widening/Reconstruction Project, NH. 2018. Inspector. Scope of work included expansion of Route 101. *Client: NHDOT.*

Halifax ER STP 013-1(19), VT. 10/17-11/17. Inspector. Scope of work included replacement of the existing bridge and other highway and channel related items. *Client: VAOT; Chad Greenwood, RE.*

Bennington-Wilmington NH SURF (51), VT. 09/17-11/17. Inspector. Scope of work included rumble strips, surface preparation involving patching, pothole repair, crack sealing, cold planing & overlaying with a thin bituminous concrete wearing surface on the existing typical, pavement markings and other highway related items. *Client: VAOT; Chad Greenwood, RE.*

Rockingham-Springfield STP 2962(1), VT. 05/17-09/17. Inspector. Scope of work included cold planing, paving with leveling and wearing courses, guardrail improvements, drainage improvements, signs, pavement markings, and other highway related items. *Client: VAOT; Paul Perry, RE.*

Bristol HES 021-1(28), VT. 2015. Inspector. Scope of work included upgrading signal with mast arm mounted signals. Constructing sidewalk curb extensions, upgrading signal with pedestal mounted signal heads and signalized pedestrian crossings. *Client: Vermont Agency of Transportation*

Colchester STP 5600(12), VT. 2015. Inspector. Scope of work included the replacement of Bridge No. 12 on TH27, including approach roadway and channel work. The bridge is located on TH 27 over the Indian Brook. *Client: Vermont Agency of Transportation*

Hartford IM 091-2(79), VT. 2015. Inspector. Scope of work included the replacement of two bridges on I-91 just north of the Exit 11 interchange: Bridge 43N over US Route 5 and Bridge 43S over US Route 5. This project included constructing on temporary supports adjacent to the existing structures and were moved into place once the existing bridges were removed. I-91 was closed at each bridge for a short duration, while the existing bridge was removed, and the new bridge was moved in place. *Client: Vermont Agency of Transportation*

Johnson BRP 030-2(26), VT. 2015/16. Inspector. Scope of work included the replacement of an existing bridge with a new 58-ft, 2-lane bridge with 4-ft shoulders. The new bridge is a precast Concrete NEXT F Beams. *Client: Vermont Agency of Transportation*

Tappan Zee Bridge Replacement (The New NY Bridge) over the Hudson River [PIN 8TZ.100]; South Nyack, Tarrytown, NY. 2015. Inspector. QA pre-pour steel reinforcement inspection, concrete placement of bridge deck panels, and inspections of materials delivered. Work on this project included test piles and permanent pile programs, dredging of the channel of the Hudson River, substructure work, utility relocation and new drainage. *Client: NYS Thruway Authority*

Jeffrey Hansen
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech II

EDUCATION:
BS/2015/Construction Management – Vermont Technical College
AE/2013/Civil & Environmental Engineering Technology – Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field-Testing Technician Grade I- 2020 (Anticipated recertification)
ATSSA Traffic Control Coordinator – 2017
NETTCP Concrete Inspector - 2016
NETTCP HMA Paving Inspector - 2016
NETTCP Driven Pile Inspector - 2017
NETTCP Soils & Aggregate Inspector - 2017
NETTCP Drilled Shaft Inspector – 2018
Nuclear Moisture/Density Gauge
OSHA 30-Hour

YEARS WITH FIRM: 3
TOTAL YEARS EXPERIENCE: 4

Professional Profile

Mr. Hansen’s background includes a broad working knowledge of technical skills and construction practices. Technical skills include Electronic Books, Surveying (Total Station, Leveling Rod), AutoCAD, Carlson, Materials Testing (Asphalt & Concrete), using a Nuclear Density Gauge, Soil Analysis, and On-Screen Takeoff.

Mr. Hansen has worked on various size projects throughout the State of Vermont and New Hampshire. One of the more substantial projects worked on was the Spruce Peak Adventure Center in Stowe, Vermont where he had numerous responsibilities, each handled with utmost professionalism.

Project Experience

GPI. 05/15-08/18.

Mr. Hansen worked as an Inspector on the projects listed.

As an Inspector, Mr. Hansen has been providing daily inspection and project oversight to ensure construction according to design plans and specifications while complying with current federal, state and local requirements. His duties consisted of quality assurance of the contractor’s work with regard to materials and construction. He was also responsible for documentation of the contractor’s work and determining and tracking contract item quantities based on calculations from plan drawings and field measurements. He has also used Electronic Books to check project quantities.

Adirondack Welcome Center on I-87, Queensbury, NY. 07/18-08/18. Inspector. Work performed under this project included the construction of a new Welcome Center including the building, parking areas, water, sewer, drainage, landscaping, and other related items. *Client: New York State Thruway Authority.*

Rutland Town NHG 019-3(60), VT. 10/17. Inspector. Work performed under this project included the replacement and upgrade of traffic signal equipment to include new mast arms and poles, new vehicle detection, new pedestrian equipment, a new signal controller, and other highway related items at the intersection of US 7 and Seward Road. *Client: Vermont Agency of Transportation (VAOT); Jace Curtis, Resident Engineer (RE).*

Plymouth ER 0149(6), VT. 06/17-09/17. Inspector. Work performed under this project included slope stabilization, cold planing, pavement, guardrail, drainage, pavement markings, and other highway related items on VT 100A. *Client: VAOT; Chris Williams, RE.*

Ludlow STP Deck(39), VT. 04/17-04/17. Inspector. Work performed under this project included replacement of the existing bridge deck on VT 100 including related approach work. *Client: VAOT; Chris Williams, RE.*

Castleton STP 2033(26), VT. 08/16-09/16. Inspector. Work performed under this project included reconstruction of an existing railroad crossing, LED lights, relocated cantilever with new flashers and gates, new north crossing gate with flashers, pavement markings, and other highway related items on Blissville Road. *Client: VAOT; Chris Williams, RE.*

Clarendon BRO 1443(48), Clarendon VT. 06/16-08/16. Inspector. Work performed under this project included replacement of Bridge 11 on VT 133 with a new precast concrete structure with related approach and channel work. *Client: VAOT; Chris Williams, RE.*

Weston BF 013-2(13), Weston VT. 05/16-07/16. Inspector. Work performed under this project included replacement of Bridge 98 on VT 100 on the existing alignment with related approach and channel work. *Client: VAOT; Chris Williams, RE.*

Rutland-Leicester FRT11(024), Southwest Region, VT. 05/16-07/16. Inspector. Work performed under this project included replacement of existing jointed rail with continuously welded rail, cross ties, reconstruction of several highway and private crossings, switch replacements, and resurfacing of the track on three segments of the Vermont Rail System. *Client: VAOT; Chris Williams, RE.*

Statewide HES GARD(2), Southwest Region, VT. 11/15-12/15. Inspector. Work performed under this project included removal of weathering steel guardrail and replacement with new galvanized guardrail, and other highway related items. *Client: VAOT.*

Rutland City BRF 3000(16)/Rutland Town BRF 3000(19), VT. 05/15-11/15. Inspector. Work performed under this project included replacement of bridges on TH 8 (River Street) and TH 10 (Dorr Drive) over the Otter Creek. One of the bridges was a two-span girder bridge with water and sewer lines attached. The bridges also included sidewalks and related approach and channel work. *Client: VAOT; Tim Pockette, RE.*

Justin Lefebvre

Construction Inspector

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:

BS/2011/Construction Management

AS/2009/Civil Engineering

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech Grade I

ATSSA Traffic Control Technician

ATSSA Traffic Control Supervisor

NETTCP Concrete Inspector

NETTCP HMA Paving Inspector

NETTCP Soils & Aggregate Inspector

NETTCP Driven Pile Inspector

NYSDEC Erosion & Sediment Control

OSHA 10-Hour

PCI Plant Quality Control Technician Level I&II

Miscellaneous Nuclear Density Gauge Cert

YEARS WITH FIRM: 7

TOTAL YEARS EXPERIENCE: 9

Professional Profile

Mr. Lefebvre has over 9 years of experience as a construction inspector. Currently, Mr. Lefebvre is the Assistant QA Concrete Engineer/Office Engineer for the Tappan Zee Bridge, supervising the inspection staff responsible for onsite construction inspection and offsite fabrication of precast concrete elements as well as the inspection staff of three (3) concrete batch plants. Mr. Lefebvre has experience inspecting Precast Concrete, cast in place deck, Rosphalt pavement, Polymer Concrete Overlay, modular expansion joints, full depth road reconstruction, including excavation, drainage, waterline, subbase and pavement installation, checking road alignment and elevation to ensure proper depths of material. He has also performed inspections on bridge construction, consisting of site surveying, rebar and concrete installation, and proper backfilling. Additionally, Mr. Lefebvre has experience in Slope Repair, HMA paving, approach slab installation, and box culvert installation. Working over water, ledge scaling, rock nail anchors, mesh draped netting, cold planning, bituminous concrete paving, construction estimating, guardrail installation and precast concrete inspection. Mr. Lefebvre in the past has worked on projects providing materials testing and construction inspection. His technical skills also include MATS, surveying, GPS Surveying, job-site safety, estimating, AutoCAD and engineering materials.

Project Experience

Albany-Hudson Electric Trail (AHET): Empire State Trail, Rensselaer & Columbia Counties, NY. 06/19+. Office Engineer. GPI has been designated a \$3.5M term contract with the Hudson River Valley Greenway (HRVG) for the proposed development of a 35-mile trail that will connect the City of Rensselaer, NY to the City of Hudson, NY and follow a trolley line corridor which was abandoned in 1929 and now operates as an electric transmission corridor. The trail will pass thru 15 municipalities along the corridor connecting to the Hudson Valley's historic and scenic character. The trail will be completed in 2020. GPI is working with the HRVG on implementation of the feasibility and concept plans currently under development (and in which GPI assisted with in 2011) with tasks including but not limited to project scoping, preliminary and final design, right of way determinations, significant environmental review and permitting, along with significant stakeholder outreach including National Grid along with community outreach and coordination. Design is progressing under an accelerated design schedule thru the fall thru 2018. Construction Management and Inspection will be provided during the 2019 and 2018 construction seasons under a supplemental agreement. Mr. Lefebvre is responsible for the administrative work for this contract. As Office Engineer, he is responsible for project record compilation and documentation, entering Daily Work Reports, drafting change orders and written orders, Monitoring certifications and sampling, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights payroll issues. The AHET trail is an important part of the overall Empire State Trail system providing a key link connecting to the Erie Canal Trail statewide route between the Capital Region and the Mid-Hudson Valley. The Empire State Trail, when completed in 2010, will create a 750-mile shared-use bicycling and pedestrian path from New York City to Canada and from Albany to Buffalo. *Client: Hudson River Valley Greenway (HRVG); Contact: Andy Beers, Director Empire State Trail, 518.473.3835, Andy.Beers@hudsongreenway.ny.gov*

Tappan Zee Bridge Replacement (The New NY Bridge) over the Hudson River [PIN 8TZ.100]; South Nyack, Tarrytown, NY. 11/13+. Assistant Concrete Engineer/Office Engineer. Mr. Lefebvre is responsible for Supervising the inspection staff and tracking the progress of the fabrication and installation of precast concrete elements as well as three (3) project concrete batch plants. GPI, as part of the winning team for the Tappan Zee Bridge Replacement project, provides independent quality assurance services for design and construction. This \$3.14B bridge replacement project involves a signature three-mile crossing over the Hudson River that is to be the widest bridge of that length in the world. Key features include twin spans with a total of eight general traffic lanes, plus emergency lanes and extra-wide shoulders for immediate bus service when opened; unique towers that tilt outward for additional strength and also eliminate the need for cross beams; a first-ever dedicated bicycle and pedestrian path with safe, scenic spots and cultural information about the region's heritage, as well as capability for bus rapid transit, light rail or commuter rail; and a new night light display with potentially changing patterns. As the independent quality assurance engineer for design and construction, GPI is responsible for providing a quality review of the work being performed, and overseeing and/or performing quality audits of the Design-Builder's management, design and construction activities, the Design-Builder's Quality Control procedures, Verification Sampling and Testing and the quality of the final product, utilizing ISO 9001 standards.

Jesse Lorenzini
Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician II

EDUCATION:
AS/2016/Concrete Technology

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field-Testing Tech Grade I – 2020 (Anticipated Recertification)
Nuclear Gauge Safety & Hazmat – 2015
OSHA 10-Hour

TOTAL YEARS EXPERIENCE: 3

Professional Profile

Mr. Lorenzini is seeking to obtain a permanent position with a company that values hard work. Since college, Mr. Lorenzini has gained extensive knowledge in construction material testing for concrete, soils, asphalt, mortar, and grout. He has a strong mathematical background and excellent communication skills along with proficiency in Microsoft Word, Excel. And Visual Basic.

Project Experience

Best Tech & Engineering Limited, Denver, CO. 11/18-08/19. Construction Material Technician. Mr. Lorenzini gained extensive knowledge of testing procedures and specifications for concrete, soils, asphalt, mortar, and grout. Independent projects worked on included: Buffalo Mountain Water Tank, Belford Ave West Bound and Eastbound Lanes, Castle Rock Rehab, and more than a dozen water line projects. He's tested more than 5,000 yards of concrete and cast over 1,000 concrete cylinders.

CTL Thompson, Inc, Denver, CO. 08/18-09/18. Concrete Technician. Responsibilities included testing concrete for air, slump, temperature, unit weight and cast 4x8 cylinders, picked up cylinders and bucket samples from all over the Denver area, worked with County Inspectors to ensure the product being placed is within County specifications, and worked with Counties such as Douglas, Arapahoe, Broomfield and Denver.

Knight Consulting Engineers, Inc., Williston, VT. 04/16-12/17. Construction Material Technician. Responsibilities included testing concrete, soils, asphalt, mortar, and grout. Independent projects included: VELCO Electrical Substations, Verizon Cell Towers and a 100,000-gallon water tank for DN Tanks. Mr. Lorenzini drove over 25,000 miles in two years from job site to job site and worked a full 24-hour shift and pulled off a 83 hour work week.

Geocal Geosciences & Engineering, Centennial, CO. 06/15-08/15. Field Technician Lab Assistant. Mr. Lorenzini tested concrete and made 4x8 cylinders, received his Nuclear Gauge Certification, he learned how to take density, moisture, and compaction readings, took field samples back to the lab to perform Standard/Modified Proctors, Gradation, and Atterberg Limits, and completed daily reports on daily activities.

S.D. Ireland, Williston, VT. 04/14-08/14. Concrete Laborer & Finisher. Responsibilities included forming and finishing interior/exterior curb, sidewalk, walls, residential slabs and large commercial slabs. He also learned how to properly tie rebar and lay down wire mesh. Received OSHA 10-hour training course certificate.

Joshua Maxfield, PE

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE III

EDUCATION:

MSCE/2016/Structural Engineering/Norwich University

BS/2013/Civil Engineering/University of Vermont

AE/2010/Civil and Environmental Engineering/Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech, Grade 1 - 2019

ATSSA Traffic Control Technician - 2017

NAUI Certified SCUBA Diver

NETTCP Concrete Inspector – 2020
(Anticipated Recertification)

NETTCP Drilled Shaft Inspector - 2017

NETTCP Driven Pile Inspector - 2016

NETTCP HMA Paving Inspector - 2016

NETTCP Soils & Aggregate Inspector - 2018
Nuclear Density Gauge

Order of the Engineer – UVM Chapter

OSHA 10-Hour

PCI Technician – Level I and II

PE License in Vermont - 2019

Post Tensioning - Level I Multi-Strand and Grouted PT Inspector - 2019

YEARS WITH FIRM: 6

TOTAL YEARS EXPERIENCE: 8

Professional Profile

Mr. Maxfield is a highly motivated, certified Engineer-In-Training who is continuously striving for advancement in his engineering career. His background consists of a rewarding professional experience working in Vermont on multiple civil / highway projects as an inspector as well as the opportunity to be a part of the quality management crew at the Tappan Zee Bridge in New York performing quality assurance inspection services for the production of precast reinforced concrete bridge deck panels.

Project Experience

Mr. Maxfield has served as a Chief Inspector and Inspector on the following projects.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Orleans Village BF 0310(7), VT. 04/19-12/19. Chief Inspector. This project included the complete replacement of Bridge 10 over the Barton River on VT 58 (TH 1). The new bridge consists of a composite superstructure (concrete deck on steel beams) and a substructure with one abutment on a spread footing doweled into ledge and the other supported by steel H-piles penetrating into competent bedrock. The bridge has 11-foot lanes, 4-foot shoulders, and sidewalks on both sides. The project also included realignment of the intersection and approach work. *Client: Vermont Agency of Transportation (VAOT), Nick Newland, (RE)*

East Montpelier BRF 037-1(7), VT. 06/17-12/17, 04/18-12/18. Chief Inspector. This project included the full depth reconstruction and widening of 900 feet of US 2, installation of storm drains and structures, modifications to an existing retaining wall, sidewalk and curb placement, reconstruction of drives, installation of a 132' two-way temporary bridge and paved approaches, demolition of the existing bridge, traffic signal installation, drilled shaft installation, placement of precast pier caps, placement of structural steel, placement of precast deck panels, bridge membrane, pavement, pavement markings. *Client: VAOT; Chris Barker, R.)*

East Montpelier BF EWP2(1), VT. 10/16–01/17. Inspector. This project included new drainage, retaining wall, and conduit for underground utilities. Drainage construction included the trenchless installation of centrifugally cast fiberglass reinforced polymer mortar (CCFRPM) pipe utilizing auger boring methods as well as the construction of a reinforced cast-in-place headwall and related precast reinforced concrete drop inlets. The retaining wall was constructed using precast Redi-Rock concrete blocks. This project also included trenchless installation of underground utilities using horizontal drilling methods. The majority of the construction took place at night. *Client: VAOT; Chris Barker, RE*

St. Johnsbury BF 7000(20), VT. 05/17–06/17. Inspector. This project included the replacement of VT 2B Bridge 6, a three-span steel girder bridge constructed in 1936 that crosses over the Lamoille Valley Rail Trail. This project was part of the Accelerated Bridge Program, allowing for a maximum 50 day road closure to complete the project. The new structure consists of a buried galvanized steel structural plate arch with MSE wingwalls and slope stabilization, a timber boardwalk for trail beneath bridge, and all other bridge, highway, and trail related items. *Client: VAOT; Jay Strong, RE*

Statewide STP CRAK(34), VT. 09/16–10/16. Inspector. This was a crack sealing project on sections of state highways and interstates in multiple towns throughout the state. *Client: VAOT; John Sladyk, RE*

John Nummy

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE II

EDUCATION:

BS/2012/Environmental Engineering/University of Vermont

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech-Grade 1 - 2018

NETTCP Concrete Inspector - 2019

NETTCP HMA Paving Inspector - 2018

NETTCP Driven Pile Inspector - 2020 (Anticipated)

OSHA 10-Hour

Nuclear Density Gauge

QCIS (Qualified Compliance Inspector of Stormwater)

QPSWPPP (Qualified Preparer of Stormwater Pollution Prevention Plans)

YEARS WITH FIRM: 4

TOTAL YEARS EXPERIENCE: 7

Professional Profile

Mr. Nummy is a graduate of University of Vermont and has experience with reviewing and inspecting EPSC plans for VTrans projects as well as construction and environmental inspection. Relevant coursework completed included Organic Chemistry, Groundwater Hydrology, Open Channel Flow, Toxic and Hazardous Chemicals in Surface Water, Wetland Wildlife and Ecology, Mechanics of Materials, Hydraulics, Environment and Transport Systems, Graphical Communication using AutoCAD, MATLAB programming for Engineers, Geomatics, Statics, Advanced Analysis. Mr. Nummy's software proficiency includes AutoCAD, HydroCAD, and ArcGIS.

Project Experience

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Waterbury FEGC F 013-4(13), VT. 04/19-01/20. Inspector. Work to be performed under this project includes the reconstruction of approximately one mile of Main St. (US 2) in the Village of Waterbury. This consists of removal of concrete roadway, new subbase, pavement, sidewalks, curbing, lighting, landscaping, tree removal, water, sewer, storm drainage, underground utilities, signage, and pavement markings. *Client: Vermont Agency of Transportation (VAOT); Tom Mancini, Resident Engineer (RE).*

Waterbury-Stowe STP 2945(1) & Stowe STP STSW(1), VT. 04/18-11/18 and)4/19-10/19. Inspector. Waterbury-Stowe was a 9.6 mile reclaim project on VT 100. Work to be performed under this project included cold planing, concrete pavement removal, base and wearing courses of pavement, correcting superelevation deficiencies, drainage improvements, culvert replacements, guardrail, drilling and blasting, signs, new pavement markings, and other highway related items. Stowe was a 0.25 mile sidewalk and bike path project along VT 100. Work to be performed under this contract included sidewalk, curb, guardrail, drainage, River Road realignment, bike path, paving, signs, and other highway related items. *Client: VAOT, Tom Mancini, RE.*

Charlotte FEGC 019-4(20). 04/17-12/17 and 07/18-11/18. EPSC Specialist/ Inspector. Responsible for performing environmental inspections during the project; confirming water resources protection throughout the project, reviewing the site to ensure compliance with the approved EPSC plan, directing corrective action in accordance with the project permits, and performing all related record keeping. He also performed general construction inspection and GPS survey. *Client: VAOT; Bob Suckert, RE.*

Various VTrans Projects. 02/15-12/15. Environmental Inspector. Responsibilities included ensuring that VTrans administered construction projects were in compliance with environmental regulations and specifications and fostered positive working relationships with regulating entities while maintaining project constructability. He worked to improve the Agency's overall consistency and efficiency in matters related to erosion prevention and sediment control, environmental regulations, and industry standards. He provided guidance and technical expertise to Resident Engineers and contractors by attending scheduled project meetings and field site visits and to project designers through review of plans at various phases of design. He served as a resource to other sections within the Agency, acted as a liaison to federal and state regulating entities, and served as a member of internal and inter-Agency committees. He ensured contractors followed policy and specifications that incorporated the most effective erosion prevention and sediment control protocols, practices, and products. *Client: VAOT; Bill Farley, Construction Environmental Engineer*

Prior Firm Experience

Ruggiano Engineering Inc., Saint Albans, VT. 04/16-04/17. CAD Technician/Field Technician/Civil Engineer. Small civil engineering firm specializing in Land use planning, Water/Wastewater system design, and Permitting. Mr. Nummy's duties included a variety of drafting support for engineering staff, as well as, designing residential/commercial site plans and water/wastewater systems, State and Local Permitting, generating plan sets, and performing field inspections for certification of compliance.

Joshua M. Perkins

Construction Inspection

PROPOSED PROJECT ASSIGNMENT: Technician III

EDUCATION:
United States Marine Corps Field Artillery School / 2013 / Field Artillery Land Surveyor & Field Artillery Meteorological Man Industrial Mechanics

REGISTRATIONS/CERTIFICATIONS:
*ACI Concrete Field Testing Tech Grade 1 - 2018
 DEQ Erosion & Siltation Control
 DEQ Stormwater Management
 NETTCP Concrete Inspector – 2020 (Anticipated)
 Troxler Nuclear Gauge Safety
 VDOT Asphalt Field Level I & II
 VDOT Asphalt Surface Treatment
 VDOT Field Concrete
 VDOT Intermediate Work Zone
 VDOT Slurry Surfacing
 VDOT Soils & Aggregate Compaction*

YEARS WITH FIRM: 1
TOTAL YEARS EXPERIENCE: 8

Professional Profile

Mr. Perkins is a Marine Corp. veteran with excellent communication skills, time management skills, and can adapt to high pressure situations / environments of the construction field. Mr. Perkins is a structured individual having secret clearance and can work both autonomously and as a team with ease and attention to details. He is proficient in Microsoft Office products and Bluebeam Revu (CAD). Additional skills include MIG, TIG, and Arc welding, CNC and manual machining, fabrication and plasma cutting, field artillery meteorological man, and field artillery land surveyor.

Project Experience

As an Inspector, Mr. Perkins is responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Rockingham IM 091-1(66), VT. 05/19-Present. Inspector. Work to be performed under this design-build project includes the replacement of Bridges 24N and 24S on Interstate 91, over the Williams River and Green Mountain Railroad. The project consists of removal of the existing steel truss and concrete slab bridge and construction of a new bridge on the same alignment. Construction will be in two phases with traffic crossovers. The new bridges are four spans with a total length of 852 feet. The new superstructure consists of five precast concrete bulb-tee girder lines, supported by footings on piles, apart from one pier on each bridge bearing on bedrock. *Client: Vermont Agency of Transportation (VAOT); Daryl Bassett, Resident Engineer (RE)*

Springfield-Hartland IM SURF(62), VT. 05/19-06/19. Inspector. This was a 21.3 mile thin-lift paving project on I-91 Northbound. Work to be performed under this project included micro-milling, surface preparation involving patching, pothole repair, and crack sealing, overlaying with a thin bituminous surface treatment, pavement markings, guardrail improvements, and other highway related items. *Client: VAOT, Daryl Bassett, RE.*

Prior Experience

Johnson, Mirmiran & Thompson, Inc. (JMT). 02/18-05/19. Highway Construction Inspector. Mr. Perkins independently coordinated and directed all phases of construction inspection of projects, which were typically complicated by extensive traffic control, sensitive to the public or environmentally challenging, or required significant project coordination with property owners, utility companies, or local/federal government representatives. He Maintained project records; including Daily Diaries, Materials Notebooks, As-Built Plans, Pay Quantity Records, and Monthly Estimates (Lump Sum & Line Item), oversaw and enforced the installation of erosion/siltation controls and highway work zones and traffic control devices, and observed, inspected, & documented ongoing construction which also entailed reviewing plans and specifications to ensure compliance, scheduling & conducting quality assurance testing, and scheduled work and inspection phases with contractor's superintendent and agency personnel.

Johnson, Mirmiran & Thompson, Inc. (JMT). 01/17-02/18. Survey Technician / Instrument Operator. Mr. Perkins performed complex survey duties, accurately ran modern surveying instruments including level, transit, electronic measuring devices, and total stations with electronic data collectors. He is knowledgeable of measurement source errors and is experienced with modern GPS surveying equipment. He also proficient in reading and understanding plans and specifications.

United States Marine Corps. 09/12-09/16. Marine Artillery Surveyor. Mr. Perkins is proficient in conventional and GPS survey techniques, recording entries of survey field data, experience remote piloting the RAVEN-B unmanned aerial vehicle, and maintaining records of all gear accountability.

Jason Rowell, PE
Construction Services

PROPOSED PROJECT ASSIGNMENT: CE IV

EDUCATION:
BSCE/2007/Norwich University, GPA 3.1/ Dean's List/Member ASCE/Member Chi Epsilon
AS/2007/ Mechanical Engineering Technology/Vermont Technical College; GPA 3.5/Presidents List/Member Tau Alpha Pi/ASCE Award - Greatest Academic Development; 2004/Mechanical Technician of the Year 2005
AS/2004/Civil & Environmental Engineering Technology/Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field Testing Tech, Grade I - 2018
ATSSA Traffic Control - 2017
Permit-Required Confined Spaces – Entrant
Permit-Required Confined Spaces – Attendant
Permit-Required Confined Space Rescue – For Supervisors
Defensive Driving
NETTCP Concrete Inspector - 2018
NETTCP Drilled Shaft Inspector - 2017
NETTCP Driven Pile Inspector - 2019
NETTCP HMA Paving Inspector - 2016
NETTCP Soils & Aggregate Inspector - 2017
NHI Driven Pile Inspector
Nuclear Density Gauge
OSHA 10-Hour
Professional Engineer – VT - 2019

YEARS WITH FIRM: 10
TOTAL YEARS EXPERIENCE: 18

Professional Profile

Mr. Rowell is well versed in all facets of construction inspection. He is experienced in developing Quality Assurance plans and coordinating inspection activities for construction projects. He is proficient in project layout, general surveying and data collector operation, Site Manager, Site Manager Reports, E-Books, DocExpress, as well as plan, specification, and contract reading. He maintains great technical communications (Microsoft: Outlook, Excel & Word), and is good with developing and maintaining working relationships. He is skilled in creating record plans with AutoCAD and has experience in bridge design, plan review, and cost estimating.

Project Experience

Mr. Rowell served as a Chief Inspector or Inspector on the projects listed below. As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

South Burlington STP 5200(17), VT. 06/18-Present. Chief Inspector. This project included the complete reconstruction of Market street. The project included new subbase, pavement, sewer and water lines, underground utilities, drainage, stormwater treatment ponds, sidewalks, curbing, lighting, landscaping, traffic signal modifications, pavement markings, and other related items on new horizontal and vertical alignment. *Client: City of South Burlington; Justin Rabidoux, Public Works Director.*

Hardwick-Danville STP 2122(1), VT. 08/17-12/17. Chief Inspector. This 12.5-mile paving project was on VT 15. Work to be performed under this project included cold planing, resurfacing with leveling and wearing courses, guardrail, removal of retaining walls, drainage improvements, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation (VAOT); John Sladyk, Resident Engineer (RE).*

Barton Village BO 1449(33) and Barton Village BHF 0286(5), VT. 04/17 to 08/17. Chief Inspector. The BO project was to replace the bridge at the intersection of VT 16 and TH 4 (Roaring Brook Road) on a new alignment. The BHF project was to

replace the bridge on VT 16 (Glover Street) on the existing alignment. Both projects were accelerated bridge projects and included demolition of the existing of the existing structures, pre-excavation and installation of pile foundations, forming, tying, and placement of cast-in-place abutments, installation of precast abutments, placement and pre and post-tensioning of pre-cast box beams, grouting of shear keys for box beams, the placement of rapid-set closures for approach-slabs, the forming, tying placement and aesthetic finishing of cast-in-place combination bridge rail, construction of full-depth approaches, removal of contaminated soils, installation of torch-applied bridge membrane, placement of pavement, and installation of plug-joints. *Client: VAOT; Kevin McClure, RE.*

Specification Coordinator. 10/16-04/17. Mr. Rowell served as a specification coordinator for the VTrans Construction and Materials Bureau's Pre-Contract and Specifications group. Jason's responsibilities included reviewing and verifying the completeness of proposed contract specifications to verify compatibility with plans, permits, traffic management plan, estimate, and general VTrans construction conventions. Jason's responsibilities also included reviewing the constructability of the plans and specifications to identify any areas of concern and then coordinate with construction staff, project managers, permitting groups, and specialist, to fully identify and resolve any specification issues. Jason also assisted the Pre-Contract and Specifications Manager with identifying and establishing the workflow of this group (which was newly formed at the time) and developed some of the forms and guiding documents that formalized this process. *Client: Vermont Agency of Transportation; Wendy Ducey, Pre-Contract and Specifications Manager*

Jeffrey R. Warner

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:

BS/1979/Plant Science
AE/2009/Civil Engineering Technology

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech - Grade I -
2019
ATSSA Traffic Control Technician - 2012
ATSSA Traffic Control Supervisor - 2012
NETTCP Concrete Inspector - 2016
NETTCP HMA Paving Inspector -
2020(Anticipated Recertification)
Nuclear Density Gauge
OSHA 10-Hour

YEARS WITH FIRM: 13

TOTAL YEARS EXPERIENCE: 13

Professional Profile

Mr. Warner's civil engineering background includes inspection, surveying, engineering materials testing, hydraulics and drainage, AutoCAD 2007, and Carlson 2007. He received training from the Vermont Agency of Transportation Training Center in Roads and River Training in 2013. His business/management background provides experience in staff management, purchasing and inventory control, and budget management.

Project Experience

As an Inspector, Mr. Warner was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Waterbury-Richmond IMSURF (58) VT. 04/19-11/19. Inspector. Work that was performed under this project included surface preparation involving micro-milling, patching, pothole repair, crack sealing and overlaying with a thin bituminous concrete wearing surface on the existing interstate typical, guardrail, pavement markings and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Josh*

Hulett, Resident Engineer (RE).

Statewide STP CRAK(36), Multiple Towns, Multiple Counties, VT. 04/19-06/19. Inspector. Work performed under this project included routing and sealing of cracks in bituminous concrete pavement on State, US, and Interstate highways and the appropriate traffic control. GPI provided construction inspection services. *Client: VAOT, Elise Coolbeth, RE.*

Material Acceptance Program/Materials Acceptance Updates, VT. 10/15-04/19. Consultant. Mr. Warner worked with numerous resident engineers and the Materials Acceptance Unit to enter materials into Site Manager, reviewed certifications, set-up project certification and testing requirements, wrote and reviewed Material Memos, corresponded with Resident Engineers, and closed out past projects. The work for this project took place at the VTrans Materials & Research Lab in Berlin, VT. *Client: VAOT; Philip Peloquin, Quality Assurance Manager.*

Waterford IM SURF (47), VT. 2015. Inspector. Work that was performed under this project included surface preparation involving patching, pothole repair, crack sealing and overlaying with a thin bituminous concrete wearing surface on the existing interstate typical, pavement markings and other highway related items. *Client: VAOT, Jay Strong, RE.*

St. Johnsbury-Lyndon STP 2936 (1), VT. 2014-2015. Inspector. Project involved cold planing and resurfacing of the existing highway with a leveling course, wearing course, and in some locations base and/or intermediate courses, railroad grade crossings, new pavement markings, guardrail, signs and other highway related items. *Client: VAOT, Jay Strong, RE.*

Fairlee-Newbury IM SURF (40), VT. 2014. Inspector. Project involved surface preparation involving patching, pothole repair, crack sealing and overlaying with a thin bituminous concrete wearing surface on the existing interstate typical, pavement markings, and other related highway items. *Client: VAOT, Jay Strong, RE.*

Rutland City-Proctor STP 2728 (1), VT. 2014. Inspector. Project involved cold planing and resurfacing of the existing highway with a shim/leveling course and wearing course, new pavement markings, guardrail installation, drainage improvements, at-grade rail crossing rehabilitation, video vehicle detection systems, sidewalk ramps, new signs, and other highway related items. *Client: VAOT, Tim Pockette, RE.*

As a Resident Engineer, Mr. Warner was responsible for the administration and inspection of the project including ensuring the project was constructed according to the contract documents and that all materials were in conformance with the specifications. Duties included ensuring that all work was accomplished in accordance with all safety and environmental regulations. He served as the single point of contact for all project matters during construction.

Town of Roxbury FEMA Repair to Steele Hill Road and Bull Run Road, VT. 2013. Acting Resident Engineer. Project involved traffic plan layout, removal of pavement at damaged locations, cast in place concrete headwall, hot mix asphalt placement, repair of guardrail, installation of new guardrail, roadway shoulder repairs, grass and stone swale repairs, turf establishment and removal of sediment debris. *Client: Town of Roxbury, VT*

Kevin D. Gebbie

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE II

EDUCATION:

*BS/2007/Mechanical Engineering – Wentworth
Institute of Technology, Received Merit
Award Scholarship*

REGISTRATIONS/CERTIFICATIONS:

*ACI Concrete Field Testing Tech Grade I -
2018*

NETTCP Concrete Inspector - 2018

NETTCP HMA Paving Inspector – 2018

*NETTCP Drilled Shaft Inspector – 2020
(Anticipated)*

NETTCP Driven Pile Inspector - 2019

Nuclear Moisture/Density Inspector

OSHA 10-Hour

YEARS WITH FIRM: 3

TOTAL YEARS EXPERIENCE: 13

Professional Profile

Mr. Gebbie is a senior level engineer with strong leadership, initiative, and enthusiasm. He is an experienced professional with three years of construction inspection experience following a successful career in Power Generation and Industrial Engineering. Mr. Gebbie has excelled within a variety of challenging environments where leadership skills are essential. His proactive approach has resulted in new and repeat customer business relationships. He possesses excellent interpersonal, analytical, and organizational skills along with the ability to interface well with others in multiple disciplines to ensure team goals are attained. Mr. Gebbie has broad technical experience, including, but not limited to; boilers, heat exchangers, burners, coal pulverizers, stokers, rotating equipment, pumps, piping, reactors and process tuning, and a comprehensive understanding of construction drawings and technical specs. Programs Mr. Gebbie is proficient at include Microsoft Word, Excel, PowerPoint, Access, Lotus Notes, AutoCAD, Solidworks, and MatLab.

Project Experience

Mr. Gebbie served as a Chief Inspector or Inspector on the projects listed below.

As Chief Inspector, Mr. Gebbie was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Barre Town STP HES 0169(8), VT. 08/19-12/19. Chief Inspector. The scope of work performed under this project included the reconstruction of the intersection of Mill St with VT Route 110 on an adjusted alignment. The project also included a new drainage system, new sidewalks and a crosswalk, as well as new pavement markings and signs. *Client: Vermont Agency of Transportation (VAOT); Bill Crowther, Resident Engineer (RE).*

Jay STP 034-2(16), VT. 04/19-07/19. Chief Inspector. This project on VT 105 included construction of a roadside catchment ditch, ledge removal, and other highway items. *Client: VAOT, Mike Booth, RE.*

Fairlee STP SCRP(15), VT. 07/19-09/19. Chief Inspector. This project on VT 244 was for the removal and replacement of a structurally deficient 60-inch culvert and replacing it with a 10' x 6' x 48' precast concrete box with headwalls and wingwalls. The project also included channel realignment, relocation of two existing waterlines, and other highway related items. A weekend long road closure was used for removal and installation activities and traffic was maintained using an off-site detour. *Client: VAOT, Al Jones, RE.*

Berlin IM 089-1(62), VT. Chief Inspector. This ledge stabilization project was at Exit 6 of I-89 NB and included the NB off ramp. Work to be performed under this project included solid rock excavation, ditch work, and other highway related items. *Client: VAOT, Mike Booth, RE.*

Rockingham IM 091-1 (66), VT. 05/18-01/19. Inspector. Work to be performed under this design-build project includes the replacement of Bridges 24N and 24S on Interstate 91, over the Williams River and Green Mountain Railroad. The project consists of removal of the existing steel truss and concrete slab bridge and construction of a new bridge on the same alignment. Construction will be in two phases with traffic crossovers. The new bridges are four spans with a total length of 852 feet. The new superstructure consists of five precast concrete bulb-tee girder lines, supported by footings on piles, apart from one pier on each bridge bearing on bedrock. *Client: VAOT; Daryl Bassett, RE.*

Ryegate IM 091-2 (80), VT. 10/17-11/17. Chief Inspector. This ledge reinforcement and mitigation project was on I-91 NB and SB. Project scope consisted of rock fall mitigation and removal, minor ditching, guardrail addition, and added safety netting for rock face in rock fall prone areas. *Client: VAOT; Mike Booth, RE.*

Kurt Hutchins, PE

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE III

EDUCATION:

BS/2010/Civil Engineering/University of Vermont

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech Grade I - 2018

ATSSA TCT&TCS - 2012

NETTCP Concrete Inspector - 2018

NETTCP Drilled Shaft Inspector - 2018

NETTCP Driven Pile Inspector - 2018

NETTCP HMA Inspector - 2017

NETTCP Soils & Aggregate Inspector - 2019

Nuclear Density Gauge

OSHA 10-Hour & 30-Hour

PCI Quality Control Level I & II

Vermont Professional Engineer (PE) - 2019

YEARS WITH FIRM: 10

TOTAL YEARS EXPERIENCE: 11

Professional Profile

Mr. Hutchins has several years of experience supporting and working in the construction industry. A lifelong resident of Vermont, he appreciates being a part of the process of maintaining its surroundings. He is proficient in Site Manager, and maintains knowledge of MicroStation, AutoCAD, and Microsoft Office. He has experience surveying and extensive field work, and he has a working knowledge of the Vermont Agency of Transportation's practices and procedures.

Project Experience

As Chief Inspector, Mr. Hutchins was responsible for the administration, engineering, and inspection of the project. He was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey.

He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Bristol-Starksboro STP FPAV(19), VT. 09/19-11/19. Chief Inspector. This was 3.8-mile paving project on VT 17. Work to be performed under the project included coarse-milling, resurfacing with leveling and wearing courses, guardrail replacement, pavement markings, and other highway related items. Repair work had to be performed after erosion from heavy rains damaged the project on 10/31/19. This included placement of stone fill and other erosion control measures. *Client: Vermont Agency of Transportation (VAOT); Phil Harrington, Resident Engineer (RE).*

Bristol BF 021-1(33), VT. 06/19-11/19. Chief Inspector. This project on VT 116 included the rehabilitation of Bridge 12 over Baldwin Creek, including replacement of the existing bridge deck, patching and repair of substructures, and associated roadway approach work. *Client: VAOT, Phil Harrington, RE.*

New Haven NH 019-3(61), VT. 04/19-09/19. Chief Inspector. This project was located at the intersection of US 7 and the Vermont Railway. Work to be performed under this project was the reconstruction of the grade crossing including replacement of all precast track crossing panels, siding track structure renewal, new ballast, spot cross tie replacement, shoulder and ditch excavation and grading, guardrail installation, new crossing warning system, replacement of signal flashers, and the addition of gate mechanisms. *Client: VAOT, Phil Harrington, RE.*

Colchester STP 5600(9)S, VT. 02/17-11/18. Chief Inspector. This project on US 7 was a roadway and intersection reconstruction project. Work performed under this project included subbase, paving, drainage, stormwater collection and treatment system, waterline, guardrail, traffic signals, street lighting, underground utilities, curbing, erosion control, pavement markings, and other highway related items. *Client: VAOT; Chris Achilles, RE.*

St. George-Williston STP FPAV (4) VT and Starksboro-Buel's Gore STP FPAV (5) VT. 08/16-11/16. Chief Inspector. The St. George-Williston project was 4.8-mile paving project located on VT 2A. The Starksboro-Buels Gore project was a 6.1-mile paving project on VT 17. Work to be performed under these projects included cold planing, paving with leveling and wearing courses, guardrail, drainage improvements, pavement markings, and other highway related items. *Client: VAOT; Chris Achilles, RE.*

Milton HES 028-1(27) and Colchester HES 028-1(28), VT. 04/16-08/16. Chief Inspector. The Milton project on US 2 consisted of the installation of new traffic signs. The Colchester project on US 2 consisted of the construction of two left hand turn lanes, traffic signs, pavement markings, and other highway related items. *Client: VAOT; Chris Achilles, RE.*

Winooski HES 5100 (13), VT. 03/16-2/17. Chief Inspector. This project at the circulator intersections of Main St. (US 2/7), Canal St., West Center St., West Allen St., East Allen St., and Winooski Way included curb and sidewalk reconstruction, cold planing, overlaying, pavement markings, sign upgrades, new rectangular rapid flashing beacons, drainage improvements, and other incidental items. *Client: VAOT; Chris Achilles, RE.*

Kimberly Nefferdorf

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE II

EDUCATION:

BS/2017/Civil Engineering- University of Vermont

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech Grade 1-2019

NETTCP Concrete Inspector - 2019

NETTCP HMA Paving Inspector – 2019

NETTCP Driven Pile Inspector – 2020(Anticipated)

Nuclear Density Gauge – RSO Cert

OSHA 10-Hour

YEARS WITH FIRM: 3

TOTAL YEARS EXPERIENCE: 3

Professional Profile

Ms. Nefferdorf is a graduate of the University of Vermont with a bachelor's degree in Civil Engineering. Ms. Nefferdorf displayed organizational and leadership skills throughout her college experience flanked with coursework relevant to her career in civil engineering. Software applications she is familiar with include; SAP2000, AutoCAD, GIS, Matlab, SiteManager, Doc Express, Microsoft Word, Excel, and PowerPoint.

Project Experience

Ms. Nefferdorf has worked as an Inspector and Office Engineer on the projects list below.

As an Inspector. Ms. Nefferdorf was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. She was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. She was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

As an Office Engineer, Ms. Nefferdorf is responsible for the administrative work for the contract. Her duties entailed record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications and sampling, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights payroll issues.

Waterbury-Richmond IM SURF (58), VT. 06/19-11/19. Inspector and Office Engineer. Scope of work included surface preparation involving patching, pot hole repair, crack sealing, and micromilling, and then inlaying a wearing course on 31.6 miles of Interstate 89. The project also included pavement markings and guardrail rehabilitation. *Client: Vermont Agency of Transportation (VAOT), Josh Hulett, Resident Engineer (RE).*

Statewide STP CRAK(36), Multiple Towns, Multiple Counties, VT. 04/19-06/19. Inspector. Work performed under this project included routing and sealing of cracks in bituminous concrete pavement on State, US, and Interstate highways and the appropriate traffic control. GPI provided construction inspection services. *Client: VAOT; Elise Coolbeth, RE.*

Certification Unit. 04/17-04/19. Certifications Coordinator. Ms. Nefferdorf joined the Certification Unit, completing the two-person team, while concluding her full-time degree requirements. Within the team, Ms. Nefferdorf was the first to review certification submissions which crucially depends on communication with Resident Engineers, field staff, and fellow Materials Acceptance Unit members. Along with daily certification processing Kimberly was involved with process evaluation and auditing of the Umbrella Certification Program and other Materials Acceptance Program associated certification processes. On average the Certification Unit processes 5,000+ certifications per year while consistently meeting Key Performance Indicator goals. Since June of 2018, the Certification Unit was reduced from two members to one, so Ms. Nefferdorf had full responsibility since that time. *Client: VAOT; Phil Peloquin, Quality Assurance Manager.*

Materials Acceptance Program. 05/16-08/16. Technician I. Ms. Nefferdorf organized and tracked certifications on a variety of projects. She gained exposure to the materials acceptance process from start to finish. *Client: VAOT; Brigitte Codling, MMS Business Manager.*

Previous Experience

Spice of Life Catering, Server and Novice Staff Leader. Summer/15+. Kimberly participates from start to finish; setting up the kitchen and dining areas, organizing appetizer hour, managing novice staff, serving, and cleaning up from the events.

UVM Chemistry Stockroom Assistant. Fall/15-17. Junior through Senior year Ms. Nefferdorf organizes the chemical stockroom, restocks and mixes chemicals, sets up student labs and operates the student assistance window.

Kerri L. Polli

Construction Services

**PROPOSED PROJECT
ASSIGNMENT: CE I**

EDUCATION:

BS/1994/Civil and Engineering – University of Vermont

REGISTRATIONS/CERTIFICATIONS:

*ACI Concrete Field-Testing Tech, Grade I-2020
(Anticipated Recertification)
Nuclear Density Gauge Certification
OSHA 10-2020 (Anticipated)*

TOTAL YEARS EXPERIENCE: 3

Professional Profile

Ms. Polli has previous experience as a civil engineer for VTrans and held certifications in ACI, NETTCP, and Nuclear Density Gauge Certifications. GPI intends to get Ms. Polli signed up for ACI recertification if her assignment dictates it and OSHA 10. Ms. Polli has committed to her family since leaving VTrans in 2001 and now that her children have grown, she is ready to begin a career in the construction field once again. She has excellent communication, organization, and time management skills and is proficient in Microsoft Word and Excel.

Project Experience

Vermont Agency of Transportation, Construction Division. 06/99-11/01. Civil Engineer B. Ms. Polli was the resident engineer for the Weybridge Bridge project and was an inspector on other paving, rail, airport, and bridge projects.

Leigh Abel

Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician VI

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Const. Special Inspector
 ACI Concrete Field Testing Tech Grade I
 ATSSA Traffic Control Supervisor
 Fall Protection OSHA 1926.500 Basic
 ICC Structural Steel and Bolting Special Inspector
 NETTCP - Concrete Inspector
 NETTCP - Driven Pile Inspector
 NETTCP - HMA Paving Inspector
 NETTCP - Drilled Shaft Inspection
 NETTCP- Soils & Aggregate Inspector
 NHI - Drilled Shafts
 NICET Construction Engineering Technologist
 NICET Engineering Technician
 NICET Underground Utilities Level I
 NICET Highway Construction Level IV
 NICET Water and Sewer Lines Level 1
 OSHA 10-Hour
 SWAC

YEARS WITH FIRM: 23

TOTAL YEARS EXPERIENCE: 35

Professional Profile

Mr. Abel is a construction inspector/office engineer with experience in bridge and roadway construction/reconstruction projects. These projects have involved asphalt paving, steel erection, drilled shafts, piles, bearings, Superpave, milling, guardrail, concrete work, drainage, utility relocation, curb and sidewalk, sanitary sewer and water main installation, and maintenance and protection of traffic (MPT).

Project Experience

Albany-Hudson Electric Trail (AHET): Empire State Trail, Rensselaer & Columbia Counties, NY. 06/19+. Senior Inspector. GPI has been designated a \$3.5M term contract with the Hudson River Valley Greenway (HRVG) for the proposed development of a 35-mile trail that will connect the City of Rensselaer, NY to the City of Hudson, NY and follow a trolley line corridor which was abandoned in 1929 and now operates as an electric transmission corridor. The trail will pass thru 15 municipalities along the corridor connecting to the Hudson Valley's historic and scenic character. The trail will be completed in 2020. GPI is working with the HRVG on implementation of the feasibility and concept plans currently under development (and in which GPI assisted with in 2011) with tasks including but not limited to project scoping, preliminary and final design, right of way determinations, significant environmental review and permitting, along with significant stakeholder outreach including National Grid along with community outreach and coordination. Design is progressing under an accelerated design schedule thru the fall thru 2018. Construction Management and Inspection will be provided during the 2019 and 2018 construction seasons under a supplemental agreement. Mr. Abel is responsible for oversight of inspection field staff and inspection of all contractor activities in Columbia County, including the building of two bridges, drainage, site earthwork as well as trail and roadway construction.

The AHET trail is an important part of the overall Empire State Trail system providing a key link connecting to the Erie Canal Trail statewide route between the Capital Region and the Mid-Hudson Valley. The Empire State Trail, when completed in 2010, will create a 750-mile shared-use bicycling and pedestrian path from New York City to Canada and from Albany to Buffalo. *Client: Hudson River Valley Greenway (HRVG); Contact: Andy Beers, Director Empire State Trail, 518.473.3835, Andy.Beers@hudsongreenway.ny.gov*

Tappan Zee Bridge Replacement (The New NY Bridge) over the Hudson River [PIN 8TZ.100]; South Nyack, Tarrytown, NY. 07/13-06/19; 12/19+. Resident Engineer / Senior Inspector / Closeout. In this role Mr. Abel provided both inspection and supervisory service for different key bridge elements including installation of driven piles and drilled shafts, assembly of primary and secondary structural steel, installation of miscellaneous steel components, installation of sound barriers, installation of fencing on the bridge, paving the bridge deck using Rosphalt and construction of onsite maintenance facilities. During his tenure on the project he also worked extensively on the project closeout and acceptance team on this \$3.9B design-build project. *Client: Tappan Zee Constructors, LLC/ New York State Thruway Authority; Sam Choy, 914.789.3226, sam.choy@tzc-llc.com*

Bennington Bypass NH F109-1(53), (52), (51), (54), VT. 07/07-07/13. Chief Inspector/Office Engineer, Tech V. The work included the full construction of a section of limited access highway. The northern segment of the bypass project started in 2007 and was completed in 2012. The completed project will include 15.8-km (9.81-miles) of paved roadway, the construction of six new bridges, spanning total of 0.54-km (0.34-miles), 3 bridges undergoing various levels of rehabilitation, 919,000-m³ (1,202,000-y³) of earth excavation, 43,000-m³ (56,250-y³) rock excavation, 1,335,630-kg (2,944,560-lbs) structural steel, 5,000-m³ (6,550-y³) concrete, 12 drilled shafts (8-ft x 90-ft), wildlife habitat construction. Duties include supervision of inspectors, inspection of contractors' work, recordkeeping, daily reports utilizing Site Manager software, and project finals. *Client: Vermont Agency of Transportation (VTrans); Contact: Mark Mackintosh, 802.773.1384, Mark.Mackintosh@vermont.gov*

Woodford ER BHF 010-1(44), Woodford VT. 05/12 – 07/13. Inspector/Office Engineer for the reconstruction of Woodford Bridge 11 (Rte. 9) that was partially destroyed during Hurricane Irene. This 2+ million dollar fast tracked project involved the installation of a temporary detour and temporary two-lane bridge. Following the detour, the existing temporary embankment was removed, and a new abutment and one span of a three-span steel girder bridge was constructed. This reconstructed abutment was built much deeper and larger than the previous bridge following the lessons learned in Irene *Client: Vermont Agency of Transportation (VTrans); Contact: Mark Mackintosh, 802.773.1384, Mark.Mackintosh@vermont.gov*

Lee M. Bohn
 Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:
 1974-1975/General Studies/Purdue University

REGISTRATIONS/CERTIFICATIONS:
 ACI Concrete Field-Testing Tech Grade I - 2020 (Anticipated Recertification)
 NETTCP HMA Paving Inspector - 2016
 NETTCP Concrete Inspector - 2016
 Nuclear Density Gauge
 OSHA 10-Hour

YEARS WITH FIRM: 4
TOTAL YEARS EXPERIENCE: 40+

Professional Profile

Mr. Bohn has 40+ years construction experience, including Resident Project Representative, Clerk of the Works, Owner, Architect/Engineers Inspector & Materials Testing in the areas of civil, structural, steel, welding, electrical and mechanical. He has been involved with projects of all sizes from residential through major industrial, from site exploration through turn-key completion. His project involvement includes universities, healthcare, power generation and distribution, schools, bridges, dams, water and wastewater treatment facilities, landfills, industrial plants, multi-story commercial buildings, utilities and roads. He has performed plant inspections for steel fabrication and precast concrete as well as supervised soil and concrete laboratories.

Mr. Bohn has transportation and roadway utility experience working with the VT Dept. of Buildings, VAOT specs, ASTM, AASHTO, Daily reports by computer, Microsoft Office and Word. He also has extensive experience in urban areas in Vermont with roads/sidewalk & utility construction and traffic control.

Project Experience

On the following projects, Mr. Bohn served as a Resident Engineer, Chief Inspector, or Inspector.

As the Chief Inspector, Mr. Bohn was responsible for the administration, engineering, and inspection of the project. As Chief Inspector, he was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

As the Resident Engineer, Mr. Bohn was responsible for the administration and inspection throughout construction of the project. He ensured the project was constructed according to the contract documents and that all materials were in conformance with the specifications. He also ensured that all work was accomplished in accordance with all safety and environmental regulations. He served as the single point of contact for all project matters during construction. In addition to his RE duties, Mr. Bohn was responsible the administrative work for the contract, including project record compilation and documentation, entering Daily Work Reports, writing change orders and written orders, monitoring certifications and sampling, maintaining concrete and weather logs, and monitoring civil rights issues.

As an Inspector, Mr. Bohn was responsible for providing direct inspection of the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the Contractor's activities including measurement, calculation, and reporting of all pay items.

Springfield STP 016-2(23), VT. 04/19-11/19. Chief Inspector. The project scope performed under this project included the installation of a new traffic signal system, roadway widening, paving, pavement markings, and signage at the intersection of VT 11 and US 5 in Springfield. *Client: Vermont Agency of Transportation (VAOT); Jay Strong, Resident Engineer (RE).*

Springfield TAP TA 14(6), VT. 04/19-11/19. Resident Engineer and Office Engineer. This project on South Street from the intersection of Union Street to Springfield High School, consisted of the construction of new sidewalk and curb, drainage improvements, pavement markings, and other highway related items. *Client: Town of Springfield*

Woodford BF 010-1(52), VT. Inspector. 04/19-09/19. This project on VT 9 consisted of lining the existing culvert, Bridge 18, with a concrete spray-on liner and constructing a beveled headwall at the inlet. Mr. Bohn filled in for the chief inspector while she was on vacation. *Client: VAOT; Jay Strong, RE.*

Rockingham-Springfield STP 2962(1), VT. 04/17-10/17. Inspector. This project on US 5 involved cold planing and resurfacing of the existing highway with leveling and wearing courses, a railroad grade crossing, drainage improvements, sidewalk ramps, new guardrail, signs, pavement markings, and other highway related items. *Client: VAOT; Paul Perry, RE.*

Bradford-Ryegate STP 2929(1), VT. 04/16-10/16. Chief Inspector. This project on US 5 involved cold planing and resurfacing of the existing highway with leveling and wearing courses, a railroad grade crossing, drainage improvements, sidewalk ramps, new guardrail, signs, pavement markings, and other highway related items. *Client: VAOT; Jay Strong, RE.*

Leslie Lock

Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician II

EDUCATION:

AAS/2016/Civil Engineering Technology

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech, Grade I – 2016

*APNGA & USDOT Hazmat Certification
OSHA 10-Hour*

*Nuclear Density Gauge – RSO Cert
Spray-Applied Fireproofing Special Inspector*

YEARS WITH FIRM: 2+

TOTAL YEARS EXPERIENCE: 3+

Professional Profile

Ms. Lock is an efficient construction inspector with experience conducting special inspections of masonry and fireproofing progress. Ms. Lock prepares and submits daily reports, schedules meetings, develops agendas, has experience in construction estimating, and managed and delegated the mixing of concrete, sanding, and painting for a school concrete canoe project. Ms. Lock also presented as a keynote speaker for product presentation at West Point Academy.

Project Experience

I-86 Prospect Mountain Phase 2, D031312, PIN 9500.80, Region 9, Broome County, Binghamton, NY. 09/17+. Construction Inspector. GPI's agreement is providing Construction Inspection services for the Prospect Mountain Phase 2 Highway/Bridge construction contract. The construction contract included approximately 1.2 miles of new alignment for existing Routes 17 and Interstate 81 for conversion to Interstate 86. The project work was in the vicinity of the existing, heavy volume, Interstate 81/Route 17 /Route 7 interchange. The Prospect Mountain Phase 2 project includes, but was not limited to the following: Construction of six (6) new bridge structures; 211,000 CM of excavation and 210,000-CM of fill; 19,100 CM of concrete for mainline pavement (not including bridges); 48,200 MT of asphalt paving on Route 7 and side roads; Noise walls and MSES walls; Significant Work Zone Traffic Control; and, Significant Erosion and Sediment Control Issues. This project included night work and weekend work. Ms. Lock was responsible for various areas of inspection as needed including but not limited to earthwork, full depth pavement reconstruction, drainage operations, paving both PCC and asphalt, various concrete work, signage, GRSS wall and slopes and noise wall installation. Project Cost, \$154M. *Client: New York State Department of Transportation, Thomas Wiser, (607) 721-8116, Tom.Wiser@dot.ny.gov*

Prior Experience

CME Associates, Inc., Elmira, NY. 05/16-08/17. Ms. Lock was responsible was responsible for project oversite of the contractors work to insure all work was done in accordance with the plans and specifications. This include comparing the completed work with the proposed plans, testing of materials incorporated in the work and obtaining and cataloging materials certifications.

Logan Markie
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech V

EDUCATION:
*AE/2009/Civil and Environmental Engineering/Vermont Technical College
 Architectural Engineering and Design/2006/Stafford Technical Center*

REGISTRATIONS/CERTIFICATIONS:
*ACI Concrete Field Testing Tech Grade 1 – 2020 (Anticipated Recertification)
 ATSSA Traffic Control Technician - 2014
 ATSSA Traffic Control Supervisor - 2014
 Foundation Inspection
 National Highway Institute Driven Pile
 NETTCP Concrete Inspector-2015
 NETTCP Drilled Shaft Inspector-2018
 NETTCP Driven Pile Inspector-2018
 NETTCP HMA Paving Inspector-2016
 NETTCP Soils & Aggregate Inspector-2015
 Nuclear Density Gauge
 OSHA 10-Hour*

YEARS WITH FIRM: 11
TOTAL YEARS EXPERIENCE: 12

Professional Profile

Mr. Markie's inspection skills have been utilized in projects providing complete road layout, waterline installation, bridge deck repair, mill and fill paving, sign inventory, erosion control and traffic control. His surveying skills encompass topography, calculations, equipment setup, subdivision of land, data collecting and field notes, site grading, and utilizing total station. His technical and business skills incorporate the use of AutoCAD, Autodesk LDT, Site Manager, MATS, MicroStation, Carlson, Carlson Civil 3D, Solid Works, and Microsoft Word/Excel, as well as estimating, hydraulics and drainage, environmental engineering, site plans, structural design, and soil and material testing.

Project Experience

Mr. Markie has served as a Chief Inspector, Office Engineer, or Inspector on the following projects.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Office Engineer, s/he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey.

He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Wilmington-Stratton STP PS19(7), VT. 07/19-01/20. Chief Inspector. This project, on VT 100, is 11.6 miles in length. Work to be performed under this project included coarse-milling and resurfacing with leveling and wearing courses, guardrail, drainage improvements, signs, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Sheamus Fagan, Resident Engineer, (RE).*

Rutland-Pittsford NH 2963(1)/Pittsford STP 2968(1), VT. 04/19-07/19. Chief Inspector/Office Engineer. Mr. Markie served as the Chief Inspector until Earl Kingsbury became available. The Rutland-Pittsford project, on US 7, was 4.2 miles in length. The Pittsford project, on VT 3, was 2.8 miles long. Work performed under these projects included coarse-milling and resurfacing with leveling and wearing courses, guardrail, signs, pavement markings, and other highway related items. *Client: VAOT; Tim Pockette, RE.*

Bennington NH 2966(1) and Bennington STP 2973(1). 2018. Chief Inspector. This Class I Town Highway paving project included 1.6 miles of US 7 and 2.5 miles of VT 9. Work performed under these projects included cold planing and resurfacing of the existing highway with a shim/leveling course and a wearing course, new pavement markings, drainage improvements, an at-grade rail crossing rehabilitation, video vehicle detection systems, sidewalk ramps, new signs, and other highway related items. *Client: VAOT; Chris Williams, RE.*

Rutland-Killington ER NH 020-2(36). 2017. Chief Inspector. This project was on US 4 and was 14.7 miles long. Work on this project included cold planing and resurfacing of the existing highway with a binder (or leveling) course, wearing course, pavement markings, guardrail, signs, new precast box culvert, ledge removal and other highway related items. *Client: VAOT; Tim Pockette, RE*

Rutland City BRF 3000 (16)(19), VT. 2014-2016. Chief Inspector. This project replaced two bridges (one 2 span steel beam and one truss) and included piles, drilled shafts, reinforced concrete, roadway, utility relocation, drainage, and demolition. *Client: VAOT; Tim Pockette, RE*

Matthew Hudson
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech II/III

EDUCATION:
Union District #32/1980-1985/ East Montpelier, VT

REGISTRATIONS/CERTIFICATIONS:
*ATSSA Traffic Control Coordinator-2016
NETTCP HMA Paving Inspector-2018
Nuclear Density Gauge
OSHA 10-Hour*

YEARS WITH FIRM: 5
TOTAL YEARS EXPERIENCE: 35+

Professional Profile

Mr. Hudson was employed with Vermont Survey and Engineering from 1986 to 2015. As Senior Survey Party Chief, he assisted in estimating projects and was responsible for all types of surveys, including topographic modeling, construction survey, as-built surveys, and boundary surveys. He is an experienced AutoCAD operator and has used MicroStation as an Engineering Technician. He was involved with computing alignments, grades, and quantities for highway related projects. He is experienced in utilizing survey equipment, including Topcon GTS Series Total Station, Leica Robotic Total Station, Leica Digital Level, and Leica GPS. He is knowledgeable in AutoCAD Land Desktop 2009 and MicroStation. He has now spent four years performing construction inspection and surveying for GPI.

Project Experience

Mr. Hudson has served on the following projects as an Inspector and surveyor. As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Statewide Southeast STPG SIGN (67), Multiple Towns, Southeast Region, VT. 10/19-11/19. Inspector. Project scope performed under this project included the removal of existing signs and posts and the installation of new signs and posts on multiple routes in multiple towns in the Southeast Region. *Client: Vermont Agency of Transportation (VAOT); Chris Williams, Resident Engineer (RE).*

Statewide SW STPG SIGN(64), Multiple Towns, Southwest Region, VT. 10/19. Inspector. Work performed under this project included the removal of existing signs and posts and the installation of new signs and posts on multiple routes in multiple towns in the Southwest Region. *Client: VAOT; Chris Williams, RE.*

Fair Haven STP PC19(2), VT. 10/19. Inspector. Work to be performed under this project included coarse milling and paving with a leveling course and wearing course on 1.1 miles of VT Route 22A. Project also consisted of new pavement markings, new signs, drainage rehabilitation, and reconstruction of an at-grade railroad crossing. *Client: VAOT; Chris Williams, RE.*

Manchester STP 2970(1) & Manchester STP BP 15(5), VT. 06/18-10/18 and 04/19-09/19. Inspector. These projects consisted of cold planing and paving with a leveling course and a wearing course, overlay with a wearing course, pavement markings, signs, drainage improvement, a highway-railroad grade crossing reconstruction and rail signal improvements, stop bar detection, pedestrian signal system modifications, construction of new curbs and drainage features, and connecting into the existing drainage system; installation of tree pits and green strips; planting trees, shrubs, and perennials and establishing turf; reconstruction of sidewalk sections to meet ADA standards; installation of street lighting conduit, street lighting bases, poles, luminaires, and electrical meters; and associated incidental construction features. *Client: VAOT; Chris Williams, RE.*

Bennington NH 2966(1) & Bennington STP 2973(1), VT. 06/18-10/18. Inspector. Work performed under this project included cold planing and resurfacing of the existing highway with a shim/leveling course and a wearing course, new pavement markings, drainage improvements, an at-grade rail crossing rehabilitation, video vehicle detection systems, sidewalk ramps, new signs, and other highway related items. *Client: VAOT; Chris Williams, RE*

Rutland-Killington ER NH 020-2(36), VT. 04/17-10/17. Inspector. This project on US 4 included cold planing and resurfacing of the existing highway with binder and wearing courses, pavement markings, guardrail, signs, new precast box culvert, ledge removal, and other highway related items. *Client: VAOT; Tim Pockette, RE.*

Colchester STP 5600(9)S, VT. 06/17. Surveyor. Work included roadway and intersection reconstruction, including the construction and interconnection of a new drinking water system into existing water infrastructure, the construction of a new stormwater collection and treatment system, redesign of roadway subbase in areas in areas with marginal or failing roadway subgrades, total roadway reconstruction in areas of unstable and failing roadway subgrade, the installation of new traffic signal and street lighting systems, the installation of underground electrical and communications utilities for traffic signals and lighting, and other highway related items. Mr. Hudson provided survey assistance for this project as well as instruction to other inspectors on the use of survey equipment. *Client: VAOT; Chris Achilles, RE*

Edward Mark Douglas Woolaver

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE IV

EDUCATION:

BSCE/1998/University of New Brunswick Civil
Engineering Technology/1994/New Brunswick
Community College

REGISTRATIONS/CERTIFICATIONS:

ACI Field Testing Technician, Grade I - 2020
(Anticipated)
NETTCP HMA Paving Inspector - 2020
(Anticipated Recertification)
Nuclear Density Gauge - RSO Cert
OSHA 10

YEARS WITH FIRM: 1

TOTAL YEARS EXPERIENCE: 30

PROFESSIONAL AFFILIATIONS:

PAV / AOT Committee, Lead Member
Pavement Working Group, Lead Member
AOT Pavement Design, Committee Member
AOT Guard Rail, Committee Member
AOT Pavement Marking, Committee Member
NESMEA, Member
NEAUPG, Member
AOT NETTCP, Coordinator / Member
AOT Standard Specifications for Construction,
Committee Member
AOT Standard Drawings, Committee Member
AASHTO EDC, Lead States Member
AASHTO / ARRA, Lead Member

Professional Profile

Mr. Woolaver has worked for GPI for one year as a Chief Inspector after 30 years with the Vermont Agency of Transportation. Mr. Woolaver is capable and comfortable of working independently with minimum supervision and committed to respond wherever the need may be. He is a professional and motivated individual who consistently performs in challenging environments. Mr. Woolaver is an active member in many committees and is comfortable performing presentations, trainings, and public speaking.

Project Experience

Mr. Woolaver served as a Chief Inspector on the projects listed below.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. He was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

Essex-Underhill STP PS19(6), VT. 05/19-01/20. Chief Inspector. Work performed under this project included milling and resurfacing with a leveling and wearing course, pavement markings, guardrail and drainage improvements, and other highway related items on 13 miles of VT 15. *Client: Vermont Agency of Transportation (VAOT); Josh Hulett, Resident Engineer (RE).*

Essex NH 2931 (2) & Jericho-Richmond STP 2931 (1). 04/19-11/19. Chief Inspector. Work on this project included cold planing, reclaiming with emulsion injection, correcting superelevation deficiencies, resurfacing with base course of cold mix, intermediate and wearing courses of hot mix, pavement markings, guardrail, drainage and other related highway items on 6.8 miles of VT 117. *Client: VAOT; Josh Hulett, RE.*

Prior Firm Experience

Vermont Agency of Transportation, Montpelier, VT. 10/07-Present. Construction and Materials Paving Engineer. Mr. Woolaver is currently independently responsible to cover the State of Vermont as the subject expert in the field of various highway construction activities and HMA bituminous paving operations. His day to day activities

throughout the State serve to ensure consistency and protect the annual State investment of the current \$110M program. He reported on a periodic basis to management personnel. *Client: Vermont Agency of Transportation*

Vermont Agency of Transportation, Montpelier, VT. 08/97-10-07. Highway Design Project Manager. Mr. Woolaver was independently responsible for a Project Supervisor Design staff of six State personnel along with administering six Consultant 3-year retainer Contracts of \$3M/Contract. He was responsible for guiding the annual design of the program through to success and completion such that the annual program would be completed. He was responsible for reviewing and drafting, for management review, VAOT Policy such that the goals of the program were met, successful, and in line with FHWA requirements. He reported on a periodic basis to management. *Client: Vermont Agency of Transportation*

Vermont Agency of Transportation, Montpelier, VT. 12/94-08/97. Highway Design Project Supervisor. At the request of in-house management, he was transferred to this position from the field position. In this capacity, he was responsible for the review of Consultant designed project plans and performed Contract processing of the State's annual paving/roadway program. He worked independently with Consultant designers to ensure compliance with Vermont State Standards and to ensure the approximate \$75M program would be successful. *Client: Vermont Agency of Transportation*

Patrick Kenneally, P.E.

Branch Manager/Executive Vice President

PROPOSED PROJECT ASSIGNMENT: Principal-in-Charge

EDUCATION:

BS/1992/Civil Engineering

REGISTRATION/CERTIFICATIONS:

OSHA 10-Hour

Professional Engineer/KS

Professional Engineer/NY

Professional Engineer/OK

Professional Engineer/SC

Professional Engineer/TX

Storm Water Management

SWAC ID

YEARS WITH FIRM: 21

TOTAL YEARS EXPERIENCE: 26

PROFESSIONAL AFFILIATIONS:

National Society of Professional Engineers

Professional Profile

Mr. Kenneally is the Branch Manager of the Albany, NY office. He has worked on numerous major transportation projects in both technical and managerial roles. He serves as Project Manager on the Branch's Construction Inspection contracts and is responsible for staffing and overseeing these contracts. Typical duties include developing design alternatives, performing initial calculations, preparing technical reports and managing all aspects of the design, coordinating the preparation of plans, specifications, estimates, environmental permits and other contract documents, developing and implementing proactive community involvement programs and ensuring that appropriate quality assurance/quality control guidelines are followed.

Project Experience

CR 6 Emergency Culvert Replacement, Albany County, NY. 06/19+. Structural Engineer. This project included the replacement of an existing failing culvert with corrugated steel plate arch with a larger hydraulic opening. The proposed structure was installed on pile and included cast-in-place concrete headwalls/wingwalls. The profile of the road had to be raised approximately 1-ft to accommodate the taller steel culvert while still providing the minimum cover of fill over it. GPI provided design of the substructures and prepared the contract plans, specifications and engineer's estimate, as well as provide construction support during the construction of the replacement culvert. *Client: Albany County DPW, Bill Anslow, (518) 765-2055 wanslow@albanycounty.com*

RPI - 2019-2021 Engineering Services Blanket Purchase Order, Troy, NY. 01/19+. Under this agreement GPI will provide Campus-Wide On-Call professional engineering and construction services as prime consultant to Rensselaer Polytechnic Institute (01/1/19 to 12/31/2021). GPI provided appropriately skilled technical staff to address items related to the Campus' existing and future infrastructure. The projects anticipated under this blanket agreement will vary in scope and magnitude including issues with existing infrastructure elements; condition assessments and analysis, code review, and investigatory and forensic studies of existing deteriorated/failed conditions. Professional services may also include developing long-term durable engineering solutions, designs for minor alterations and additions and independent reviews on behalf of RPI. *Client: Rensselaer Polytechnic Institute, Nicole Runyon, 518.276.6104. runyon@rpi.edu*

North Ferry Street Force Main - Building Assessments, Schenectady NY. 2019+. GPI provided professional structural engineering assessments of approximately 72 existing buildings consisting of residential, commercial and industrial buildings located along a North Ferry Street where a 30" diameter forced main sanitary system was being installed by the contractor. As required by the construction contract, GPI performed both pre and post construction structural assessment of these buildings in an effort to identify structural deficiencies that existing before the onset of construction work as well as deficiencies that may have been caused by the performance of work by the contractor. The assessments consisted of photographic documentation of the exterior of the buildings noting any visible cracks, signs of settlement, deterioration and/or distress. Following the field work, GPI prepared reports that summarized our findings with supporting color photos. *Client: Carver Construction, AG Bourgeois, 518.355.6034, ag@carvercompanies.com*

Tappan Zee Bridge Replacement (The New NY Bridge) over the Hudson River [PIN 8TZ.100]; South Nyack, Tarrytown, NY. 2012+. Principal-in-Charge. This \$3.9B Design-Build bridge replacement project for NYSTA involved a signature three-mile crossing over the Hudson River that is to be the widest bridge of that length in the world. As the Independent Quality Assurance Engineer for design and construction, GPI is responsible for providing a quality review of the work being performed and overseeing and/or performing quality audits of the Design-Builder's management, design and construction activities, the Design-Builder's Quality Control procedures, Verification Sampling and Testing and the quality of the final product, utilizing ISO 9001 standards. *Client: Tappan Zee Constructors, LLC/ New York State Thruway Authority; Sam Choy, 914.789.3226, sam.choy@tzc-llc.com*

PIN 1754.68, County Route 111 Bridge over Hoosic River, Town of Johnsonville, Rensselaer County, NY. 01/15+. Principal-in-Charge. GPI is providing construction support and inspection services that includes review and approval of shop drawings, review and approval of erection plans, review and approval of truss relocation plans; provide full time Resident Engineer and NACE Certified Paint Inspector as needed for the project.

Patrick Travers, EIT

Customer Relations Specialist

PROPOSED PROJECT ASSIGNMENT: Project Manager

EDUCATION:

BS/1976/Civil Engineering

REGISTRATIONS/CERTIFICATIONS:

1976/Engineer-in-Training/CT

TOTAL YEARS EXPERIENCE: 40+

Professional Profile

Mr. Travers is a seasoned construction industry professional with over forty years of experience as a project manager, project engineer, estimator and construction inspector. He also owned his own construction consulting business in the past.

Mr. Travers has an extensive background in public infrastructure projects, where he has developed a solid reputation for managing construction inspection contracts and serving as a municipal project manager. For the past thirteen years, Mr. Travers has been involved, in a management capacity, for 38 municipal infrastructure projects throughout the State of Vermont. Additionally, Mr. Travers has managed 17 projects for Vermont State Parks and the Vermont Department of Fish and Wildlife.

Prior to his focus in public infrastructure projects, Mr. Travers was a successful project manager for general contractors in the commercial building arena as well as earthmoving contractors. Mr. Travers was directly responsible for managing the placement of over 250,000 cubic yards of concrete at a nuclear power plant and has extensive experience performing quantity takeoffs, developing cost estimates and assembling bids.

Mr. Travers is highly organized and has developed a keen skill for directing multiple projects concurrently. Mr. Travers is also adept at moderating efficient and effective project meetings and can effectively coordinate efforts among all stakeholders involved in a project, such as owners, engineers, contractors and the general public.

Personal strengths for Mr. Travers include strong verbal and written communication skills, public relations capabilities, and presentation skills.

Firm Experience

GPI. 02/2020. As Client Relations Specialist, Mr. Travers is responsible for procuring municipal project management and construction inspection contracts, managing those contracts, assigning manpower to each project site and overseeing the site manpower. Additionally, Mr. Travers ensures that positive relationships are maintained with clients and GPI's services are provided in adherence to contract requirements. Responsibilities also involve overseeing quality control of work products, monitoring project schedules and keenly observing project budgets.

Prior Firm Experience

Staff Sterling Management, Morrisville, VT 2007-2020. Project and Operations Manager. Responsibilities included marketing and assembling proposals for resident engineering, construction inspection and project management assignments within the municipal infrastructure arena, then managing those contracts once procured. A total of 38 municipal infrastructure projects were procured and managed, along with another 17 State of Vermont projects. Construction projects ranged up to \$3,000,000 in size and involved street reconstruction, new sidewalks, recreation paths, waterlines, stormwater collection systems, sanitary sewers, new building construction, building rehabilitations and historic preservation.

Vermont Small Business Development Center (SBDC), Randolph, VT. 1998-2007. Business Counselor. This position involved advising small business owners and entrepreneurs on how to start up and successfully manage a business in Vermont. One-on-one counseling was provided to clients and business planning classes were presented. Many clients were able to secure business financing via their business plans developed through SBDC counseling.

Patrick Travers Construction Consulting, Burlington, VT. 1993-1998. Owner/Operator. Primary services offered were construction estimating and project management for small commercial construction contractors in northern Vermont and the North Country of New York State. The company also offered owner representation services as well as the development and presentation of seminars on construction estimating and project management. The company was licensed to present the VT. Department of Health Lead Paint Essential Maintenance Practices workshop to landlords of residential rental properties. Some 2,000 landlords statewide were educated through dozens of workshops.

CS Architecture and Construction, Burlington, VT. 1990-1993. Construction Project Manager. This position was responsible for on-site commercial construction supervision, including manpower oversight, budget monitoring, schedule managing and moderating project meetings. Projects included the Akwesasne Community Health Center for the Mohawk Nation, a 2,000 square-foot medical facility that required the supervision of over 100 craft workers.

Robert P. Dixon

Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician V

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech Grade I-2020
(Anticipated Recertification)

ATSSA Traffic Control Supervisor-2016

ATSSA Traffic Control Technician -2016

Fall Protection OSHA 1926.500 Basic

NACE Level I & III (Peer Review)-2018

NETTCP Concrete Inspector-2016

NETTCP Driven Pile Inspector-2016

NETTCP HMA Paving Inspector-2019

NICET Highway Construction Inspection Level
III - 2003

Nuclear Density Gauge

OSHA 30-Hour

SSPC Bridge Coatings Inspector Program
(BCI) Level 1

YEARS WITH FIRM: 21

TOTAL YEARS EXPERIENCE: 26

Professional Profile

Mr. Dixon is an experienced inspector with an understanding of construction planning and control. His more recent experience involved construction inspection/oversight as Chief Inspector, as well as performing office engineer duties.

Project Experience

Mr. Dixon served as Chief Inspector, Office Engineer, or Inspector on the projects listed below.

As Chief Inspector, Mr. Dixon was responsible for the administration, engineering, and inspection of the project. He was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey.

He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Fair Haven STP PC19(2), VT. 10/19-12/19. Chief Inspector. Work to be performed under this project included coarse milling and paving with a leveling course and wearing course on 1.1 miles of VT Route 22A. Project also consists of new pavement markings, new signs, drainage rehabilitation, and reconstruction of an at-grade railroad crossing. This project was awarded in conjunction with Poultney STP PC19(4) and West Rutland STP PC19(6). *Client: Vermont Agency of Transportation (VAOT); Chris Williams, Resident Engineer (RE).*

West Haven-Whitehall, NY BO 1443(51). 05/19-10/19. Chief Inspector. This bridge replacement project was located on TH 3 (Book Road) in West Haven and CR 10 in Whitehall, NY at the Vermont/New York border. Work to be performed under this project is the removal of Bridge 10, over the Poultney River, and replacement with a new steel plate girder and concrete superstructure and integral abutment substructures with precast pile caps. The project also includes associated channel work and approach work. The contractor is allowed a 56-day road closure. *Client: VAOT, Colin Judge, RE.*

Tappan Zee Bridge Replacement over the Hudson River [PIN 8TZ.100]; South Nyack, Tarrytown, NY. 03/18-05/19. Inspector. The project involved Quality Assurance and inspection services required to support the construction work. Mr. Dixon's responsibilities included being Team Leader and coordinator for the concrete inspection team in addition to performing the inspection of reinforcement installation, concrete placement and curing, Rosphalt paving, and asphalt paving. As the Independent Quality Assurance Engineer for design and construction, GPI was responsible for providing a quality review of the work being performed and overseeing and/or performing quality audits of the Design-Builder's management, design and construction activities, the Design-Builder's Quality Control procedures, Verification Sampling and Testing and the quality of the final product, utilizing ISO 9001 standards. *Client: Tappan Zee Constructors, LLC/ New York State Thruway Authority; Terry Towle, (914) 789-3226*

Windsor-Hartford IM BPNT(13) Bridge Painting Projects, VT. 07/16-12/17. Chief Coatings Inspector/Office Engineer. This project included lead paint removal and coating applications on 11 interstate bridges. Mr. Dixon also took over the office engineer responsibilities on 8-4-17 on this project. *Client: VAOT, Paul Perry, RE.*

Bennington-Mt. Tabor BF BPNT(16), Bridge Painting Project, VT. 04/16-07/16. Chief Coatings Inspector. This project included lead paint removal and coating applications on multiple bridges. *Client: VAOT; Tim Pockette, RE*

Richard W. Ferguson, III
 Construction Inspector

PROPOSED PROJECT ASSIGNMENT: Technician III

EDUCATION:
 2014/AS/Civil & Environmental Engineering Technology - Vermont Technical College

REGISTRATION:
 ACI Concrete Field Testing Tech Grade 1-2017
 NETTCP HMA Paving Inspector-2019
 NETTCP Concrete Inspector-2019
 NETTCP Driven Pile Inspector-2020(Anticipated)
 NETTCP Soils & Aggregate Inspector-2020(Anticipated)
 Nuclear Gauge Certification
 OSHA 10-Hour

YEARS WITH FIRM: 4
TOTAL YEARS EXPERIENCE: 5

Professional Profile

Mr. Ferguson is motivated to further his career implementing the skills and knowledge obtained through his education at Vermont Technical College. Mr. Ferguson has experience in several facets of the construction industry serving in multiple capacities and responsible for varying construction related tasks. Mr. Ferguson received Honors Award from the American Society of Civil Engineers.

Project Experience

Mr. Ferguson served as an Inspector on the projects listed below. As Inspector, Mr. Ferguson was responsible for providing direct inspection to the performance of the work by the Contractor and aided in the administrative, engineering, and layout work. He was accountable for the inspection of the Contractor's physical operations to ensure the Contractor adhered to the specifications for each item. He was also tasked with the documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Fair Haven STP PC19(2), Fair Haven, Rutland, VT. 04/19-01/20. Inspector. Work to be performed under this project included coarse milling and paving with a leveling course and wearing course on 1.1 miles of VT 22A. Project also consists of new pavement markings, new signs, drainage rehabilitation, and reconstruction of an at-grade railroad crossing. This project was awarded in conjunction with Poultney STP PC19(4) and West Rutland STP PC19(6). Client: Vermont Agency of Transportation (VAOT); Chris Williams, Resident Engineer (RE).

Statewide Southeast STPG SIGN (67), Multiple Towns, Southeast Region, VT. 06/19-11/19. Inspector. Work performed under this project included the removal of existing signs and posts and the installation of new signs and posts on multiple routes in multiple towns in the Southeast Region. Client: VAOT; Chris Williams, RE.

Poultney BF 0138(12), VT. 07/19-09/19. Inspector. This project included the complete replacement of Bridge 2 over Finel Hollow Brook on SNR 140/TH 2 (Class 2). The existing bridge was replaced with a new precast rigid frame with related approach and channel work. Client: VAOT; Jace Curtis, RE.

Poultney STP 015-2(9), VT. 04/19-09/19. Inspector. This project which was located on VT 30 and was about 500 feet long. This roadway reconstruction project included new subbase consisting of dense graded crushed stone and sand with a geotextile between subbase and subgrade, incorporating a geogrid to reduce subbase thickness, pavement, slope stabilization, ledge removal, drainage including underdrain, and other highway related items. Client: VAOT; Jace Curtis, RE.

Design Build Team, Berlin, VT. 03/16-04/19 and 01/20. Mr. Ferguson worked on multiple Design-Build projects to evaluate and review testing and certification requirements. He reviewed the Project Collaboration Site on SharePoint for tests and certifications that had been uploaded. He documented and recorded findings, in an organized manner, pertaining to any tests or certifications that had not met VTrans requirements. Testing deficiencies checked for Non-Conformance Reports explaining reason for occurrence and solution to prevent future conflicts of similar nature. He sent out the list of unresolved testing and certification issues to the Resident Engineer for attention. He also assisted with visits to soils labs and paving and concrete plants to inspect them for compliance with VAOT's Qualified Lab Program. This included verifying that personnel had the proper certifications, checking that all required equipment was present and calibrated, checking to see if any sieves, molds, scales, etc. were damaged, and verifying that current copies of AASHTO/ASTM standards for any tests being performed were available. Client: VAOT; Donal Morris, for most of this time period, and Phil Peloquin, Quality Assurance Manager, for the remainder.

Prior Firm Experience

T. Daniel Williams Roofing, Poultney, VT. 05/07-02/16. Laborer for Roofing Construction. Mr. Ferguson worked collaboratively with a team to practice effective communication, he followed instructions on installation of roofing material, and he managed job tasks independently to effectively complete work in a timely fashion.

Town of Poultney Highway Department, Poultney, VT. 06/10-2/16. Road Work and Clearing. Mr. Ferguson worked extensively to clear backroads and highways of debris from storms. He worked independently to saw fallen trees that obstructed the roads. He also designed and constructed equipment alterations essential to the Town.

Lyle Welding Fabrication, Poultney, VT. 07/13-09/13. Metal Fabrication Work. Mr. Ferguson measured and marked steel for project specifications, cut steel for project required length, and ground rough steel to prepare it for welding.

Ryan Foss
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:
BS/2013/Sustainable Site Design – Vermont Technical College
AE/2011/Civil & Environmental Engineering Technology – Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field-Testing Technician, Grade I - 2016
NETTCP Concrete Inspector - 2016
NETTCP HMA Paving Inspector - 2016
NETTCP Driven Pile Inspector - 2018
Nuclear Density Gauge Certification
OSHA 10

YEARS WITH FIRM: 5
TOTAL YEARS EXPERIENCE: 10

Professional Profile

Mr. Foss has been an inspector on Vermont Agency of Transportation projects for 4 construction seasons. Using his past experience in large scale construction he has diverse insight in dealing with the high speed and constantly changing projects. He spent one year at the Agency's Materials facility working with the Agency's QA program on Design-Build projects.

During the prior three years, Mr. Foss had been part of over \$250M worth of resort expansions at Jay Peak Resort. These projects included hotels, condos, roads, sewer lines, and snowmaking improvements. During this work, he worked very closely with the owner, contractors, general contractors, and state agencies. This work took a difficult balance that included schedules, budgets, multiple contractors, and state agencies. Excellent communication skills were a key part of making a successful construction season every year. Office experience included preparing project permits, shop drawing reviews, RFI's, creating erosion control plans, field reports, cost estimates, and other general engineering tasks.

Mr. Foss's engineering/construction inspection experience includes erosion inspections and reporting, Resident Engineer inspections, detailed documentation, completing erosion plans and permits, Act 250 permits, water & wastewater permits, and stormwater and wastewater annual inspections.

Project Experience

Mr. Foss has served as Inspector on the following projects. As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Portland Pipeline Pier 2 Deck Replacement, ME. 2019. Inspector. Work performed under this project included marine pier deck replacement and structural steel installation. *Client: Portland Pipeline.*

NH 40874, Ellsworth, NH. 2019. Inspector. Work performed under this project included road scarification, paving, drainage improvements on 0.6 miles of roadway. *Client: New Hampshire DOT Construction Bureau.*

NH Statewide 42317A, Belknap, Rockingham, Hillsborough, Strafford, and Merrimack Counties, NH. 2019. Inspector. Work performed under this project included crack sealing on Tier 2 roadways. *Client: New Hampshire DOT Construction Bureau.*

NH 41294, Northfield-Sanbornton, NH. 2018. Inspector. Work performed under this project included cleaning and painting of six bridges. *Client: New Hampshire DOT Construction Bureau.*

NH Statewide 41279, Belknap, Rockingham, and Grafton Counties, NH. 2018. Inspector. Work performed under this project included crack sealing on Tier 1 roadways. *Client: New Hampshire DOT Construction Bureau.*

NH 4162, Various Locations, NH. 2018. Inspector. Work performed under this project included mill and overlay, sidewalk, drainage, and safety improvements on this \$1.9 million resurfacing project in District 2. *Client: New Hampshire DOT Construction Bureau.*

Rochester ER STP 0162 (21). 2017. Inspector. Project consisted of a full reclaim, including a calcium chloride stabilized base on 5 miles of the 9 mile project. Work included cold planing, reclaim, calcium chloride stabilized base, fine grading, paving leveling and wearing courses, paver placed surface treatment, guardrail, structure rehabs, ditching and drainage, underdrain, culvert replacements, new signs, highway markings, and durable line striping. *Client: Vermont Agency of Transportation (VAOT); Ryan Darling, Resident Engineer (RE)*

Killington-Woodstock ER NH 020-2(38). 2016. Inspector. This paving project was within a high traffic route and tourist area. Work included micro-milling, Paver-Placed Surface Treatment, centerline rumble strips, new signs, highway markings, and drilling, blasting, and excavation of a ledge cut. *Client: VAOT; Ryan Darling, RE*

Vermont Agency of Transportation IA Unit. 2015-2016. Work included an in-house audit of prior Design-Build jobs to close out. Audits included analyzing all documents to assure all necessary documents and tasks were completed and included. In-house audits were also done with ongoing Design-Build projects to be sure all necessary documents and tasks were being completed. *Client: VAOT; Donal Morris, IA Supervisor*

Ronald D. Gray, P.E.

Assistant Vice President

PROPOSED PROJECT

ASSIGNMENT: Vermont Construction Inspection Manager

EDUCATION:

1976/BS/Civil Engineering University of Vermont

REGISTRATIONS/CERTIFICATIONS:

Professional Engineer in Civil Engineering/VT/1981-2020
OSHA 10-Hour

YEARS WITH FIRM: 4

TOTAL YEARS EXPERIENCE: 43+

Professional Profile

Mr. Gray has 43+ years of experience in the construction industry. He spent 39 ½ years with the Construction Section of the Vermont Agency of Transportation with increasing levels of responsibility. He began as an inspector and then a Resident Engineer in the field for 18 1/2 years. He then took a position in Construction's main office as Assistant Finals Engineer and was promoted to Finals Engineer 1 ½ years later. He served as Finals Engineer for 5 years. He served the final 14 ½ years of his career with the Agency as the Northeast Regional Construction Engineer.

Project Experience

Vermont Construction Inspection Supervisor. 01/16+. Mr. Gray is responsible for overseeing work being performed by GPI consultant staff for the Vermont Agency of Transportation and municipalities. He interacts with Regional Engineers and Resident Engineers to ensure that GPI is meeting VAOT's needs with respect to staffing. He oversees training and certification for CI staff and interviews potential CI

staff needed for VAOT projects. He assists CI staff with specification interpretation. He also ensures GPI's Construction Inspection staff has equipment needed to perform their duties.

Prior Firm Experience

Vermont Agency of Transportation (Construction and Materials Bureau). Northeast Regional Construction Engineer. 07/01-12/15. In this position, Mr. Gray directed and supervised the work of the Northeast Region of the Construction Bureau. Specific duties included;

- Directly responsible for all activities in the region. Responsible for ensuring that contracts were administered in accordance with the contract documents, the environmental permits, and all safety regulations. Involved with project matters that concerned property owners, disputes between the Contractor and VTrans, assisting with claims analysis, and all other procedural matters.
- Directing and supervising the work of all personnel assigned to the Northeast Region which consisted of a Regional Technician, an Administrative Services Technician, a Soils Technician, and Resident Engineers and inspectors that varied in number between ten to fifteen depending on the distribution of work throughout the State. The inspection staff was also supplemented by up to 15 consultant inspectors.
- Reviewing and approving all payments to the contractors, subcontractor requests, and changes of design.
- Reviewing and approving submittals from the contractors for schedules, traffic control plans, erosion prevention and sediment control plans, cofferdams, erection plans, etc.
- Scheduling and moderating Preconstruction Conferences and Final Inspections.
- Issuing the Completion and Acceptance Memo for contracts once all field work has been completed and all materials incorporated into the work have been certified and/or tested.
- Served as Acting Construction Engineer in their absence.

Vermont Agency of Transportation (Construction Division). Finals Engineer. 06/96-07/01. In this position, Mr. Gray directed and supervised the work of the Finals Unit. Specific duties included;

- Directing and supervising the work of all personnel assigned to the Finals Unit.
- Directing the determination and checking of all final quantities and an orderly and systematic presentation of original source and final documents for permanent filing with the Record Plans, along with reviewing of all final assembled materials.
- Aiding and advising the Regional Construction and Resident Engineers of uniform record keeping and documentation requirements.
- Submitting to the Construction Engineer a bi-weekly "Status of Projects" report and at the end of the year a summary of all construction projects completed during the year.
- Reviewing written orders, changes in design, supplementary agreements, daily reports, and extra work orders.
- Determining Extensions of Time and liquidated damage charges.
- Providing input on Contractor's claims.
- Serving on the Specifications Committee and Prequalification Committee.

Robert W. McNeish
 Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician III

EDUCATION:
BBA/Accounting

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field-Testing Technician, Grade I – 2020 (Anticipated)
Certified Public Accountant
Certified Scrum Master
NETTCP Concrete Inspector – 2020 (Anticipated)
OSHA 10 – 2020 (Anticipated)

YEARS WITH FIRM: 3
TOTAL YEARS EXPERIENCE: 20+

Professional Profile

Mr. McNeish has experience managing and coordinating multiple large cross-functional projects with the goal of delivering operational enhancements and efficiencies while reducing cost of processing and delivery. He has 20+ years of experience in delivering quality complex IT projects that resulted in more effective and efficient use of resources and greatly improved the customer experience. He joined GPI in 2017 as a Project Manager.

Project Experience

Mr. McNeish served as the Office Engineer on the three projects listed below.

As Office Engineer, Mr. McNeish was responsible for the administrative work for the contract. He was responsible for project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, Monitoring certifications and sampling, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights payroll issues.

Bristol-Starkboro STP FPAV(19), VT. 09/19-11/19. Office Engineer. This was a 3.8-mile paving project on VT 17. Work to be performed under this project included coarse milling, resurfacing with leveling and wearing courses, guardrail replacement,

pavement markings, and other highway related items. Repair work had to be performed after erosion from heavy rains damaged the project on 10/31/19. This included placement of stone fill and other erosion control measures. *Client: Vermont Agency of Transportation (VAOT); Phil Harrington, Resident Engineer (RE).*

Bristol BF 021-1(33), VT. 06/19-11/19. Office Engineer. This was a bridge rehabilitation project on VT 116. Work to be performed under this project included the rehabilitation of Bridge 12 over Baldwin Creek, including replacement of the existing bridge deck, patching and repair of substructures, and associated roadway approach work. *Client: VAOT, Phil Harrington, RE.*

New Haven NH 019-3(61), VT. 04/19-08/19. Office Engineer. This was a railroad crossing reconstruction on US 7 and the Vermont Railway. Work performed under the project included replacement of all precast track crossing panels, siding track structure renewal, new ballast, cross tie replacement, should and ditch excavation and grading, guardrail installation, new crossing warning system, replacement of signal flashers, and the addition of gate mechanisms. *Client: VAOT, Phil Harrington, RE.*

Vermont Agency of Transportation (VTrans), Highway Division, IT Solutions and Process Improvements Consultant. 2017-04/19. IT Project Manager. Provided consulting on IT solutions and process improvement at the agency. Contributions to the following projects:

Construction Management System (CMS) Replacement - Executed various project management and business analysis tasks associated with an RFP to replace the Agency's outdated CMS suite. This system support estimating, pre-construction, civil rights, construction management, material and lab management, and decision support. Responsibilities included eliciting functional requirements, documenting the project charter, developing an executive presentation requesting funding to proceed to RFP (funding approved), research on competitive offerings, discussions with other state DOTs as to their CMS plans, and development of the RFP document. Contracting in progress with the recommended replacement system vendor. An Agile methodology will be used for this project. The CMS Replacement is a 3-year, multi-million dollar initiative. *Client: Vermont Agency of Digital Services; Jayna Guilford, IT Project Manager.*

Materials Acceptance Management System – Defined requirements for wrapping business process management functionality around the agency's highway material acceptance program. *Client: VAOT, Brigitte Codling, MMS Business Manager.*

Prior Firm Experience

Blue Cross Blue Shield of Vermont (BCBSVT), Berlin, VT. 2008-2016. Program Manager. Directed large multi-million dollar programs under the Project Management Office (PMO). Multiple teams made up of BCBSVT employees, on site contractors, and off-site contractors working collectively for success. Negotiated vendor contracts and managed vendor resources and deliverables.

Robert E. Suckert

Construction Services

PROPOSED PROJECT ASSIGNMENT: CE IV

EDUCATION:

BS/1989/Civil Engineering/Walla Walla
University

REGISTRATIONS/CERTIFICATIONS:

Professional Engineer/VT
ACI Concrete Field Testing Tech Grade 1-2017
NETTCP Concrete Inspector-2020
(Anticipated Recertification)
NETTCP HMA Paving Inspector-2017
NETTCP Driven Pile Inspector-2018
NETTCP Drilled Shaft Inspector-2015

YEARS WITH FIRM: <1

TOTAL YEARS EXPERIENCE: 30

Professional Profile

Mr. Suckert is a seasoned civil engineer adept at managing the construction of large scale public infrastructure in a cost-effective and safe manner. Mr. Suckert has extensive experience collaborating with large teams to implement successful problem solving strategies. He has strong interpersonal skills, excellent customer relations, as well as personal management qualities. He has thorough knowledge of transportation engineering principals and is well versed in construction project safety.

Project Experience

As a Chief Inspector, Mr. Suckert's responsibilities included the administration, engineering, and inspection of the project. He was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

Colchester IM 089-3(69), VT. 04/19-12/19. Chief Inspector. Work performed under this project included the replacement of the deck and railings on Bridges 76 (N&S) and Bridges 77 (N&S) on I-89. The decks were replaced using Accelerated Bridge Construction methods. The new decks were constructed using full width precast deck panels placed in 8-foot length segments. The project also included minor substructure repairs and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Chris Lavalette, Resident Engineer (RE).*

Prior Firm Experience

Vermont Agency of Transportation – Construction Division, 10/1989 – 12/2018. Started as a Civil Engineer I – Finished career with VAOT as a Civil Engineer VIII.

Mr. Suckert served as a Resident Engineer and Inspector on the following projects.

As a Resident Engineer he was responsible for the administration and inspection of the project including ensuring the project was constructed according to the contract documents and that all materials were in conformance with the specifications. Duties included ensuring that all work was accomplished in accordance with all safety and environmental regulations. He served as the single point of contact for all project matters during construction.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Richard Tittmore

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:

AAS/2000/Computer Information Systems

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech Grade 1-2016

ATSSA Traffic Control Supervisor-2013

NETTCP HMA Paving Inspector-2017

NETTCP Concrete Inspector-2012

NETTCP Drilled Shaft Inspector-2013

NETTCP Driven Pile Inspector-2014

Nuclear Density Gauge

OSHA 10-Hour

OSHA Fall Protection 1926.500

YEARS WITH FIRM: 14

TOTAL YEARS EXPERIENCE: 15

Professional Profile

Mr. Tittmore is experienced in a variety of road, bridge, and railroad projects with an emphasis on paving and traffic control. His course work includes blueprint reading and principles of soils and masonry. He also has strong knowledge in residential and commercial construction.

Project Experience

Mr. Tittmore has served as an Inspector on the following projects.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Wilmington-Stratton STP PS19(7), VT. 08/19-10/19. Inspector. This is an 11.6 mile paving project on VT 100. Work to be performed under this project includes coarse-milling, resurfacing with leveling and wearing courses, guardrail improvements, drainage improvements, pavement markings, signing, and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Sheamus Fagan, Resident Engineer (RE).*

Manchester STP 2970(1)/Manchester STP BP15(5), VT. 06/19-07/19. Inspector. The Manchester STP 2970(1) project included 5 miles of VT 7A and 1.6 miles of VT 11. Work to be performed included cold planing and paving with leveling and wearing

courses, a highway-railroad grade crossing reconstruction and rail signal improvements, drainage improvements, stop bar detection, pedestrian signal system modifications, signs, pavement markings, and other highway related items. The Manchester STP BP(15) project included 0.6 miles of Depot Street (VT 11/30, TH 3). Work to be performed included construction of new curbs and drainage features; installation of green strips including landscaping; reconstruction of sidewalk sections to meet ADA requirements; installation of street lighting conduit, bases, poles, luminaires, and electrical meters, and incidental construction features. *Client: VAOT; Chris Williams, RE.*

Bennington STP 2973(1)/Bennington NH 2966(1). Inspector. 2018. These were paving projects on US 7, VT 9, VT 67, and VT 67A. The work included cold planing, leveling and wearing courses, and new signs. *Client: VAOT; Chris Williams, RE.*

St Albans STP 2957(1). Inspector. 2018. This was a paving project on US 7. The work included cold planing, leveling and wearing courses, and new signs. *Client: VAOT; Scott Wheatley, RE*

Rutland-Killington ER NH 020-2 (36). Inspector. 2017. This was a paving project on US 4. The work included cold planing, leveling and wearing courses, guardrail, and new signs. *Client: VAOT; Tim Pockette, RE*

Essex Junction NH 2956 (2)/Essex Junction STP 2956 (1). Inspector. 2017. This was a paving project on VT 15. The work included paving intermediate wearing courses, line striping, and new signs. *Client: VAOT; Josh Hulett, RE*

Statewide STPG SIGN (57). Inspector. 2017. This was a sign project in the southwest region of VT along VT 103. *Client: VAOT; Tim Pockette, RE*

South Burlington-Williston NH 2944 (1). Inspector. 2017. This was a paving project on US 2 and 2A. The work included cold planing, wearing course, and shoulder back up. *Client: VAOT; Josh Hulett, RE*

STATEWIDE HES GARD(2). 2015-16. Chief Inspector. This was a guardrail project on VT 100, VT 30, and VT 12. *Client: VAOT; Tim Pockette, RE*

Middlebury WCRS(9). 2016. Inspector. 2017. This was a railroad bridge rehabilitation project that consisted jacking up the bridge, installing a new footing, new precast pedestals, new bearings, and new stringers. *Client: VAOT; Tim Pockette, RE*

Rutland City BRF 3000(16)/ Rutland City BRF 3000(19). Inspector. 2016. These were bridge replacement projects on River Street and Ripley Road. *Client: VAOT; Tim Pockette, RE*

Steve Chisholm

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech V

EDUCATION:

1977/Hartford State Technical College
1974/Paul Smith College/1 Semester
ASCE

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech, Grade I-2014
ATSSA Traffic Safety-2012
NETTCP Concrete Inspector-2016
NETTCP Driven Pile Inspector-2018
NETTCP HMA Paving Inspector-2017
Nuclear Density Gauge
OSHA 10-Hour

YEARS WITH FIRM: 10

TOTAL YEARS EXPERIENCE: 41

Professional Profile

Mr. Chisholm is an experienced inspector who has served on a variety of engineering projects and has gained detailed knowledge of many design and construction activities.

Project Experience

Mr. Chisholm has served on the following projects as a Chief Inspector and Office Engineer.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

Waterbury FEGC F 013-4(13), VT. 04/19-12/19. Chief Inspector. Work to be performed under this project includes the reconstruction of approximately one mile of

Main St. (US 2) in the Village of Waterbury. This consists of removal of concrete roadway, new subbase, pavement, sidewalks, curbing, lighting, landscaping, tree removal, water, sewer, storm drainage, underground utilities, signage, and pavement markings. *Client: Vermont Agency of Transportation (VAOT); Tom Mancini, Resident Engineer (RE).*

Middlesex IM 089-2(41), VT. 08/16-11/18. Chief Inspector. Project included construction of a new bridge on U.S. 2 over I-89, including new approaches, drainage work, and three MSE walls. *Client: Vermont Agency of Transportation (VAOT); Tom Mancini, Resident Engineer (RE)*

Duxbury BF 013-4(47), VT. 06/16-10/16. Chief Inspector. On this bridge replacement project, he provided assistance to inspectors that were overseeing the project. *Client: VAOT; Tom Mancini, RE*

Waterbury IM 089-2(43), VT. 03/15-09/16. Chief Inspector. Project included replacing bridge decks on two bridges on I-89 and construction of a new exit ramp bridge. *Client: VAOT; Tom Mancini, RE*

Hyde Park STP CULV(26), VT. 04/14-12/14. Chief Inspector/Office Engineer. Project included removal of existing culvert and replacing it with a new bridge founded on piles with precast deck panels. *Client: VAOT; Bob Suckert, RE*

Morristown STP F 029 – 1(2)C/1, VT. 07/12-3/15. Chief Inspector. VT 100 alternate truck route. Project included construction of a new bridge over the Lamoille River and approach work. Construction activities included roadway excavation, subbase placement, installation of drainage, cofferdam installation, pile driving, reinforcing steel, concrete placement, and structural steel. *Client: VAOT; Bob Suckert, RE*

Berlin-Montpelier IM 089-1(53), VT. 04/12-07/12. Chief Inspector. I-89. Project included hand rock scaling, a rockfall catchment fence installation, traffic control and related work. *Client: VAOT*

Roxbury BHF 0187(8) & ER 0187(9), VT. 10/11-1/13. Chief Inspector. These projects included the reconstruction of a bridge on VT 12A and the installation of a concrete arch culvert on VT 12A due to damage from Tropical Storm Irene. The bridge reconstruction project (BHF 0187(8)) included the demolition of the existing bridge, installation of sheet piles for constructing a concrete footing for a precast wingwall, partial removal of the existing abutments, installation of new concrete bridge seat caps on the remaining abutment, partial removal of two wingwalls, steel bridge beams, steel stay-in-place deck forms, approach slabs, approach construction, and bridge and guardrail installation. The ER 0187(9) project included the removal of an existing steel culvert, stream diversion, installation of precast concrete footings and stem walls, precast concrete arches, and reconstruction of the roadway including guardrail. *Client: VAOT*

Scott Darling

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech V

EDUCATION:

1994-96/Civil Engineering Technology/Hudson Valley Community College

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech Grade I-2018
Hazmat-2017

NETTCP HMA Paving Inspector-2020
(Anticipated Recertification)

NETTCP Concrete Inspector-2020
(Anticipated)

NETTCP Driven Pile Inspector-2020
(Anticipated)

Nuclear Density Gauge
OSHA 10-2020 (Anticipated)

YEARS WITH FIRM: 3

TOTAL YEARS EXPERIENCE: 21

Professional Profile

Mr. Darling has over twenty years of experience, including assignments on major highway and bridge construction projects. He has served in the capacity of an Inspector and Chief Inspector for the VAOT, NYSDOT and NYSTA. By virtue of this experience, he is knowledgeable with each of these agencies' standards and procedures. He has also performed on-site concrete material tests in accordance with ACI and ASTM standards.

Project Experience

On the following projects Mr. Darling has served in as a Chief Inspector and Inspector. As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Jamaica-Winhall STP 2904(1), VT. 08/19-11/19. Inspector. This 8.9 mile paving on VT 30 included reclaiming the existing roadway and paving with intermediate and wearing courses, new curb installation, sidewalk reconstruction, guardrail, drainage improvements, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation (VAOT); Chad Greenwood, Resident Engineer (RE).*

Manchester STP 2970(1) & Manchester STP BP 15(5), VT. 05/19-07/19. Inspector. The Manchester STP 2970(1) project included 5 miles of VT 7A and 1.6 miles of VT 11. Work to be performed included cold planing and paving with leveling and wearing courses, a highway-railroad grade crossing reconstruction and rail signal improvements, drainage improvements, stop bar detection, pedestrian signal system modifications, signs, pavement markings, and other highway related items. The Manchester STP BP(15) project included 0.6 miles of Depot Street (VT 11/30, TH 3). Work to be performed included construction of new curbs and drainage features; installation of green strips including landscaping; reconstruction of sidewalk sections to meet ADA requirements; installation of street lighting conduit, bases, poles, luminaires, and electrical meters, and incidental construction features. *Client: VAOT; Chris Williams, RE.*

Prior Firm Experience

Boswell Engineering. Inspector and Chief Inspector for the VAOT, NYSDOT and NYSTA. 2010-05/19. NYS DOT Pavement Maintenance SFY. 06/18-Present. Inspector.

NYS DOT Pavement Maintenance Multiple Sites in Greene, Albany, Rensselaer, & Saratoga Counties. 06/18-Present. Inspector and Chief Inspector. This project consisted of cold planing, pressure relief cuts, paving, line striping, and installation of SHARDS and CARDS. In addition to his inspector he completed necessary reports in Site Manager on a daily basis. *Client: NYS DOT, Kazi Allen, EIC*

VTrans US 2/VT 12 Montpelier Paving Project. 04/17-12/17. Inspector. This project consisted of cold planing, drainage structure and sewer manhole rehabilitation, ADA compliant sidewalk ramp construction, paving, and line striping. *Client: VAOT; Scott Wheatley, RE*

VTrans US 2/VT 12 Northfield Paving Project and US 7/VT 36, VT 38 Swanton Paving Project. 04/16-12/16. Chief Inspector. This project consisted of cold planing, drainage structure and sewer manhole rehabilitation, removal of existing sidewalks and curb and installation of new ADA compliant sidewalk ramps, paving, and line striping. *Client: VAOT; Chris Barker, RE*

VTrans US 5 Randolph Bethel Reclaim Project and VT 12A Randolph-Roxbury Reclaim Project. 04/15-11/15. Chief Inspector. This project consisted of cold planing, reclaiming existing subbase, new subbase material and establishing new road elevations, stone fill type I, guardrail, ledge removal, underdrain, and erosion control items. *Client: VAOT; Chris Barker, RE*

Timothy J. Chase
 Construction Services

PROPOSED PROJECT ASSIGNMENT: Technician V

EDUCATION:
BS/1997/Construction Engineering Technology/Montana State University
AE/1991/Civil Engineering technology/Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field-Testing Tech, Grade I - 2016

TOTAL YEARS EXPERIENCE: 30

Professional Profile

Mr. Chase has over 30 years of experience as a construction inspector. Mr. Chase has experience working with VTrans on several projects as well as Municipal Assistance Bureau projects and commercial projects throughout his career. He has performed as Chief Inspector and Inspector for VTrans on multiple occasions including one year at the VTrans Materials Acceptance Bureau as their Certifications Technician. Deeper into his past he has experience as a Project Manager with Pike Industries and a myriad of roles in commercial construction such as Superintendent, Assistant Superintendent, Mechanical Coordinator, Field Engineer with different commercial/institutional construction companies, and experience working with Fiber Optic.

Project Experience

Dubos & King, Inc., 2007-Present.

Brandon, US 7 Reconstruction, VT. 2018-Present. Inspector. Mr. Chase is currently a construction inspector on this complete reconstruction of the 1.2-mile Class I section of US 7 in Brandon. Work performed under this project included full-depth

reconstruction, reconstruct sideroads, sidewalks, parking areas, drainage, utility relocations, traffic signal, signs, and other highway related items.

South Burlington & Georgia, Reinforced Concrete Box Culverts, VT. Chief Inspector. Mr. Chase oversaw the installation of four box culverts under Interstate 89.

Braintree Slope Stabilization Project, VT. Chief Inspector. Mr. Chase oversaw this slope stabilization project.

Materials & Research Bureau, Materials Acceptance Unit, Berlin, VT. Certification Technician. Mr. Chase worked for a year as the certification technician which consisted of reviewing, processing, accepting/rejecting materials certifications for VTrans construction projects.

Barre City Railroad Bridge Rehabilitation Project, VT. Chief Inspector. Work performed under this project included the reconstruction of an abutment on a railroad bridge.

Barre City Main Street Reconstruction Project, VT. Inspector. Work performed under this 1.2-mile project on Main Street (US 302) included full-depth reconstruction, reconstruct sideroads, sidewalks, parking areas, drainage, water and sewer lines, underground utilities, traffic signals, signs, street lighting, and other highway related items.

E. F. Knapp Airport Improvement Project, Berlin, VT. Resident Engineer. Work performed under this project included constructing a parallel taxiway, repaving the crosswinds, updates to runway and taxiway lighting, as well as glideslope and threshold lighting, and drainage including detention ponds, catch basins and underdrain.

Sewer and Water Project, VT. 2011-2013. Inspector.

Dubois & King, Inc. 2007-2008. Construction Manager. Mr. Chase's construction manager responsibilities included managing multiple field inspectors, conducting constructability reviews, prepared bid documents, prepared advertisements for bid, issued bid documents, coordinated and ran pre-bid meetings, issued addenda, prepared bid tabulations, recommend award, issue notices of award, prepared construction agreements, led preconstruction meetings, reviewed and distributed submittals, led bi-weekly meetings, issued change orders, reviewed monthly pay applications, issued substantial completion certificates, prepared punch lists, issued final completion certificates, and filed closeout permits.

Henry Law Avenue Street Reconstruction, Dover, NH. 2007-2008. Construction Inspector.

Institutional/Heavy Commercial Construction. 08/04-12/07. Project Superintendent. New Haven Public Safety Facility & St. Albans Public Safety Facility. Responsible for overall project delivery, daily reports, subcontractor scheduling, procurement of materials, quality control and safety.

Lee Kennedy Company, Middlebury, VT. 2002-2004. Assistant Superintendent/Mechanical Coordinator. New Library and Dormitories at Middlebury College, a \$53M project.

Barr & Barr, Inc., Hanover, NH. 01/01-04/02. Field Engineer - Baker Library Renovation and New Construction at Dartmouth College, a \$50M project.

Travis Corbett

Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech V

EDUCATION:

BS/2015/Business Management –Colorado
State University
AS/2002/Technical Studies/Vermont
Community College
US Army, Grafenwoeher,
Germany/Diploma/Primary Leadership
Development

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field Testing Tech Grade 1-2016
NETTCP Concrete Inspector – 2020
(Anticipated)
NETTCP Driven Pile Inspector-2017
NETTCP HMA Paving Inspector-2016
NETTCP Soils & Aggregate Inspector – 2020
(Anticipated)
Nuclear Density Gauge
OSHA 10 – 2020 (Anticipated)

YEARS WITH FIRM: 1

TOTAL YEARS EXPERIENCE: 6

Professional Profile

Mr. Corbett has six years of VAOT construction inspection experience on a variety of projects including two major bridge and railroad bridge projects as well as reclaim and paving projects. Mr. Corbett also brings excellent attention to detail and communication skills with his experience. Seven years of honorable service in the US Army helped him hone his direct communication style and team building skills. Mr. Corbett has several years of GPS survey experience utilizing both Trimble and TopCon GPS systems.

Project Experience

Mr. Corbett has served as a Chief Inspector or Inspector on the following projects. As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. He was accountable for survey, including initial project survey, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities. Other duties included monitoring field operations, verifying field measurements and coordinating sampling. Traffic control, safety issues, public meetings, and general communication and documentation duties were also included. As Chief Inspector, he delegated duties to the Inspector(s) and the Office Engineer.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Essex NH 2931 (2) & Jericho-Richmond STP 2931 (1). 04/19-11/19. Inspector/Chief Inspector. Mr. Corbett started out the 2019 season as an Inspector, but he was given the duties of Chief Inspector when the previous Chief Inspector was needed on another project. Work on this project included cold planing, reclaiming with emulsion

injection, correcting superelevation deficiencies, extensive GPS layout, resurfacing with base course of cold mix, intermediate and wearing courses of hot mix, pavement markings, guardrail, drainage and other related highway items on 6.8 miles of VT 117. *Client: Vermont Agency of Transportation (VAOT); Josh Hulett, Resident Engineer (RE)*

Prior Firm Experience

Boswell Engineering, 2010-2011 & 2015-2018.

Essex NH 2931 (2) & Jericho-Richmond STP 2931 (1). 2018. Inspector. Work on this project included cold planing, reclaiming with emulsion injection, correcting superelevation deficiencies, extensive GPS layout, resurfacing with base course of cold mix, intermediate and wearing courses of hot mix, pavement markings, guardrail, drainage and other related highway items on 6.8 miles of VT 117. *Client: VAOT; Josh Hulett, RE.*

Middlebury-Starksboro STP 2953(1). 2018. Inspector. This was a paving and road widening project. Mr. Corbett inspected roadway widening, paving, guardrail installation, and stone ditch construction. *Client: VAOT; Josh Hulett, RE*

Charlotte FEGC 019-4(20). 2016-2017. Inspector. This was a complete roadway reconstruction/realignment project. Mr. Corbett inspected subgrade and subbase, multiple precast box culvert installations, guardrail and sign installation, and completed interim and final project final section survey. *Client: VAOT; Bob Suckert, RE*

Stowe BRF 0235(15). 2016. Inspector. This was a bridge replacement project where Mr. Corbett inspected the bridge construction including approach slabs, concrete deck milling, bridge rail, approach construction including new subbase, paving, guardrail, signs, landscaping, and line striping. *Client: VAOT; Bob Suckert, RE*

Hartford STRB 15(06). 2015. Inspector. This was an emergency rail bridge replacement. Mr. Corbett inspected existing rail bridge removal and new bridge construction. *Client: VAOT*

Statewide IMG MARK (115). 2015. Inspector. This was a line striping project on I-89, I-91, I-93, I-189, US 4, and Border Patrol stations that included both hand work and long line inspection. *Client: VAOT*

Troy Schumacher
Construction Services

PROPOSED PROJECT ASSIGNMENT:
Technician V

EDUCATION:

BS/1994/Engineering Technology/University of Wisconsin
AS/1992/Arts and Sciences/University of Wisconsin

REGISTRATIONS/CERTIFICATIONS:

ACI Concrete Field-Testing Tech Grade I-2017
American Segmental Bridge Institute Grouting Training Certified-2018
AGC/VT Registered Flagger-2017
FHWA Traffic Management Plan
First Aid & CPR
NETTCP Concrete Inspector-2016
NETTCP Driven Pile Inspector-2016
Nuclear Gauge & DOT Certified
OSHA 10-Hour & 30-Hour
Post Tensioning Institute Bonded Level I Field Specialist-2017

YEARS WITH FIRM: 5

TOTAL YEARS EXPERIENCE: 21

PROFESSIONAL AFFILIATIONS:

American Society for Quality (ASQ)
American Concrete Institute (ACI)

Professional Profile

Mr. Schumacher's experience includes managing, monitoring, recording data and testing materials during the construction of transportation and energy facilities. He has supervised construction of numerous projects throughout the United States. His responsibilities included inspecting various contractors' processes and ensuring compliance with plans and specifications. He regularly collaborated with various project managers in civil, electrical, mechanical, steel erection and tower installation and provided recommendations as needed. He is familiar with construction, start-up, operations, maintenance and safety at various types of facilities.

Project Experience

Mr. Schumacher has served as a Chief Inspector, Office Engineer, and Inspector on the following projects.

As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor's layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer.

As an Office Engineer, he was responsible for the administrative work for the projects which included, but was not limited to, project record compilation and documentation, entering Daily Work Reports in Site Manager, drafting change orders and written orders, monitoring certifications, sampling, and test results, setting up the field office utilities, maintaining concrete, weather, and rain gauge logs, and monitoring civil rights issues.

As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor's physical operations to ensure adherence to the specifications for each item, documentation of the contractor's activities including measurement, calculation, and reporting of all pay items.

Rockingham IM 091-1(66). 04/17-Present. Office Engineer/Inspector. This Design-Build project is for the replacement of the Northbound and Southbound bridges over the Williams River near Exit 6. Being a Design-Build project, in addition to the normal duties of an Office Engineer, Mr. Schumacher has been heavily involved with reviewing the work packages submitted by the Design-Build team. *Client: Vermont Agency of Transportation (VAOT); Daryl Bassett, Resident Engineer (RE)*

Bellows Falls-Chester GMRC (22). 2018. Chief Inspector/Office Engineer. This was a rail rehabilitation project from Bellows Falls to Chester. *Client: VAOT; Daryl Bassett, RE*

Bellows Falls-Chester GMRC (21). 2017. Chief Inspector/Office Engineer. This was a rail rehabilitation project east of Chester Village. *Client: VAOT; Daryl Bassett, RE*

Rockingham IM 091-1(71). 2017. Office Engineer/Inspector. This project was a blasting and excavation project for the removal of ledge along I-91 Southbound, north of Exit 6. *Client: VAOT; Daryl Bassett, RE*

Bellows Falls-Chester GMRC (19) 2016. Chief Inspector/Office Engineer. This was a rail rehabilitation project west of Chester Village. *Client: VAOT; Daryl Bassett, RE*

Bridgewater BF MEMB (34)/Andover BHF 016-1 (29). 04/15-2016. Office Engineer/Inspector. These were bridge rehabilitation projects consisting of membrane replacement and demolition of unsound concrete on the substructures and superstructures along US 4 between VT 100A and VT 100. *Client: VAOT; Daryl Bassett, RE*

William L. Waite
Construction Services

PROPOSED PROJECT ASSIGNMENT: Tech IV

EDUCATION:
BS/ 2014/Sustainable Land Use/Vermont Technical College
AE/2011/Civil and Environmental Engineering Technology/Vermont Technical College

REGISTRATIONS/CERTIFICATIONS:
ACI Concrete Field-Testing Tech Grade I-2020 (Anticipated Recertification)
ATSSA Traffic Control Technician-2017
NETTCP Concrete Inspector-2020 (Anticipated Recertification)
NETTCP Drilled Shaft Inspector-2018
NETTCP Driven Pile Inspector-2016
NETTCP HMA Paving Inspector-2020(Anticipated Recertification)
NETTCP Soils & Aggregate Inspector-2016
Nuclear Density
OSHA 10-Hour

YEARS WITH FIRM: 6
TOTAL YEARS EXPERIENCE: 7

Professional Profile

Mr. Waite is skilled in AutoCAD, Carlson with Inteli CAD, Land Desktop and Microsoft Excel. He is experienced in construction inspection, land surveying and sustainable land use management; understanding of soils classification, civil and environmental design, environmental engineering, engineering materials, structural design, and awareness of hydraulics and drainage.

Project Experience

Mr. Waite has served as a Chief Inspector and Inspector on the following projects. As a Chief Inspector, he was responsible for the administration, engineering, and inspection of the project. Duties included survey including initial project control, verifying the contractor’s layout during construction, and taking cross sections to determine pay quantities; monitoring field operations, verifying field measurements, coordinating sampling, traffic control, safety issues, public meetings, and general communication and documentation duties. As Chief Inspector, he also delegated duties to the inspector(s) and the Office Engineer. As an Inspector, he was responsible for providing direct inspection of the performance of the work by the contractor and aided in the administration, engineering, and survey. He was responsible for inspection of the contractor’s physical operations to ensure adherence to the specifications for each item, documentation of the contractor’s activities including measurement, calculation, and reporting of all pay items.

Manchester-Peru STP 2708(1) & Winhall ST 2974(1), VT. 06/19-11/19. Chief Inspector. The Manchester-Peru project was a 9.6-mile resurfacing project on VT 30. Work to be performed under this project included coarse-milling and resurfacing with leveling and wearing courses, guardrail, signs, drainage improvements, pavement markings, and other highway related items. Winhall was a 0.4-mile resurfacing project on the Winhall State Highway. Work to be performed included overlaying with leveling and wearing courses, guardrail, signs, pavement markings, and other highway related items. This project was on VT 11. Work to be performed under this project included coarse-milling and resurfacing with leveling and wearing courses, guardrail, signs, pavement markings, and other highway related items. *Client: Vermont Agency of Transportation (VAOT; Chad Greenwood, Resident Engineer (RE)).*

Jamaica-Winhall STP 2904(1), VT. 06/19-11/19. Inspector. This project was a 9 mile reclaim project on VT 30. The scope of work for this project included reclaiming the existing roadway and paving with intermediate and wearing courses, new curb installation, sidewalk reconstruction, guardrail, drainage improvements, pavement markings, and other highway related items. *Client: VAOT; Chad Greenwood, RE.*

Rockingham-Clarendon NH SURF(49), VT 04/18-12/18 and 04/19-06/19. Chief Inspector. This project included surface preparation involving patching, pot hole repair and crack sealing as necessary; cold planing and hot-in-place treatment as necessary, and overlaying with a thin bituminous surface treatment, and other highway related items. *Client: VAOT; Ryan Darling, RE.*

Rockingham IM 091-1(66), VT. 11/17+. Inspector. This project is the replacement of Bridge #s 24 Northbound and Southbound on I-91 over the Green Mountain Railroad and the Williams River. *Client VAOT; Daryl Bassett, RE*

Rochester ER STP 0162(21), VT. 04/17-11/17. Chief Inspector. Work performed under this project included reclaiming and/or cold planing segments of the existing highway and overlaying with a leveling course and a wearing course, with pavement markings, guardrail, drainage improvements, and other highway related items. *Client VAOT; Ryan Darling, RE*

Hartland STP FPAV(8), VT. 08/17-11/17. Chief Inspector. Work to be performed under this project included paving the existing highway, guardrail, pavement markings and other highway related items. *Client VAOT; Ryan Darling, RE*

Killington-Woodstock ER NH 020-2(38), VT. 07/16-01/17. Inspector. Work performed under this project included micro-milling and resurfacing with a paver placed surface treatment, pavement markings, guardrail, signs, ledge removal and other highway related items. *Client VAOT; Ryan Darling, RE*



Alan I. Brown

Construction Services Manager

Education:

A.A.S., Architectural and Building Engineering Technology, Vermont Technical College

Certifications:

ACI Field Technician Level 1

Precast / Prestressed Concrete Institute (PCI) Quality Technician, Grade III (Permanent)

ICC Reinforced Concrete Special Inspector, Soils Special Inspector, Fireproofing Special Inspector, Structural Steel and Bolting Special Inspector and Welding Special Inspector

ICC Master of Special Inspections

NETTCP Concrete Technician, HMA Plant Technician, HMA Paving Inspector and Soils and Aggregate Inspector

Certified Nuclear Densometer Operator

Ground Penetrating Radar Inspector

Hellier Magnetic Particle and Ultrasonic Inspector

American Welding Society (AWS)

Certified Welding Inspector

ASNT Level III, UT, PT and MT

DipStick Floor Flatness Operator

Safety Certifications:

OSHA 10-Hour Construction Safety & Health Certified

OSHA Hazardous Materials Certified

Troxler Radiation Safety Officer

Affiliations:

Board of Directors, International Code Council, Vermont Chapter

WHITE RIVER JCT. OFFICE

Alan Brown joined S. W. Cole Engineering, Inc. in 2013 as a construction services manager for the firm's White River Junction office. Prior to working for S.W.COLE, Alan held the position of Vice President of New England Operations with Advance Testing Company, Inc. for four years and was also Vice President of New England Testing Company, Inc. for eight years.

Alan has more than 25 years of experience in field and laboratory inspection of construction materials, including soil, concrete, prestressed concrete, bituminous concrete, steel reinforcing, fireproofing, paint thickness gauging and non-destructive testing of metals. He is a Master of Special Inspections as prescribed by the International Code Council (ICC) and holds a number of desirable certifications and registrations from the American Concrete Institute (ACI), ICC, NorthEast Transportation Technician Certification Program (NETTCP) and other reputable organizations.

Alan's responsibilities at S.W.COLE include contract and business development, project management and assisting with testing services such as soil density, concrete, masonry, and performing special inspections and associated laboratory testing.

Project Experience:

Dartmouth College, Hanover, New Hampshire: Alan has served as Project Manager on a variety of materials testing projects for Dartmouth for more than ten years. He has been responsible for coordinating and performing construction materials testing and inspection services, as well as Special Inspection services, on many campus-wide projects.

Dartmouth Hitchcock Medical Center, Hanover, New Hampshire: Alan served as Project Manager on this project and was responsible for installing and managing a mobile laboratory facility for a new campus with nine buildings.

Harness Airport, Springfield, Vermont: On this new hazard tower installation, Alan performed pull testing of grouted rock anchors for new support guy wires and setting of prestressed loads.

Burlington Electric, Burlington, Vermont: On this project, Alan was responsible for performing ground penetrating radar examination of 17 live underground electrical vaults to map rebar and concrete thickness. He also performed a Windsor Probe analysis to estimate concrete compressive strength.

Kendal at Hanover, Hanover, New Hampshire: On this three year parking garage project, Alan performed impact-echo testing on approximately 300 columns to determine the presence and extent of delamination caused by corroding reinforcing steel.



Brandon P. Avery

Construction Services Technician

Education:

Paul Smiths College,
A.S. Survey Technology

Certifications:

- NETTCP Soils & Aggregate Inspector
- ACI Concrete Field Testing Technician- Grade I
- APNGA Portable Nuclear Gauge
- APNGA U.S. DOT Hazmat Portable Nuclear Gauge

Brandon Avery joined S.W. Cole Engineering, Inc. (S.W. COLE) in April 2017 as a technician in our White River Junction office.

Brandon's responsibilities at S.W. COLE include soil density testing, asphalt testing, concrete testing, and associated laboratory testing.

Prior to his employment at S.W. COLE, Brandon worked as a Land Surveyor for Geomatics and Kevin Hall Surveying in New York state. Brandon also has 4 years of welding and CNC operation experience.

Recent Project Experience:

Rockingham Bridge, Vermont: Brandon performed soil and concrete testing on the replacement of the I-91 Twin Bridges in Rockingham, Vermont. Construction of these bridges is scheduled to conclude in 2020.

Route 64 & 65, Vermont: Brandon performed asphalt testing on repairs to Route 64 & 65 through the Vermont Transportation Department scheduled road repair program.

WHITE RIVER JUNCTION OFFICE

Dakotah Senesac

Construction Services Technician

Education:

Johnson State College

B.A. Theatre Arts (2014)

Dakotah Senesac joined S.W. Cole Engineering, Inc. (S.W. COLE) in February 2019 as a technician in our White River Junction, Vermont office.

Dakotah's responsibilities at S.W. COLE include soil density testing, concrete testing, and associated laboratory testing.

Prior to his employment with S.W. COLE, Dakotah worked for a property management company in the Stowe, Vermont area.

Project Experience:

Dakotah is looking forward to gaining valuable project experience with S.W. Cole. Currently, he is training with our experienced staff to perform his field duties.

WHITE RIVER JUNCTION OFFICE

Shayne Pratte

Construction Services Technician

Education:

B.S. Construction Management,
Vermont Technical College (2021
anticipated graduation)

Certifications:

APNGA Nuclear Gauge Certified

Shayne Pratte joined S.W. Cole Engineering, Inc. (S.W.COLE) in 2019 as a Technician in our White River Junction office. Shayne has previous experience working as a carpenter, and served in the United States Air Force.

Shayne's responsibilities at S.W.COLE include soil density testing, concrete testing, and associated laboratory testing.

Recent Project Experience:

Thayer School of Engineering, Hanover, NH: Shayne provided soils and concrete testing, along with structural steel inspection at the construction site of a 340 car parking garage addition at Dartmouth College.

Rockingham Bridges, Rockingham, VT: Shayne provided concrete testing and observation, and HMA test cores and density testing for the replacement of the I-91 24 North and 24 South bridges in Rockingham Vermont.

Lebanon Sewer Separation, Lebanon, NH: Shayne provided soils and concrete testing, as well as HMA paving and core samples testing for the construction of sewer-related infrastructure on Bank Street.

Zach Kelley

Construction Services Technician

Education:

A.S. Civil and Environmental
Technology, Vermont Technical
College

Certifications:

ACI Concrete Field Testing-
Grade I

NETTCP Concrete Technician

APNGA Nuclear Gauge Certified

Zach Kelley joined S.W. Cole Engineering, Inc. (S.W.COLE) in 2019 as a Technician in our White River Junction office. Zach has previous experience working as a dispatcher, quality control technician, and plant manager for a concrete company.

Zach's responsibilities at S.W.COLE include soil density testing, concrete testing, and associated laboratory testing.

Recent Project Experience:

On-Mountain Lodge, Carroll, New Hampshire: Zach provided soils and concrete testing along with structural steel and timber inspection during the construction of a 16,500 SF timber and stone lodge at the top of Fabyan lift in the Bretton Woods Ski Area.

Mt. Washington Hotel, Carroll, New Hampshire: Zach provided soils and concrete testing along with structural steel and fireproofing inspection during the construction of the 55,600 SF Omni Mt. Washington Hotel in the Bretton Woods Ski Area.

Mascoma Bridge, Lebanon, NH: Zach provided soils and concrete testing along with structural steel and HMA testing and extractions during the rehabilitation of the Mechanic Street Bridge which spans the Mascoma River. The bridge received a full deck replacement and reconstruction of structural components during this rehabilitation project.

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