



**Donald L. Hamlin
Consulting Engineers**

136 Pearl Street
Essex Junction, Vermont 05452
Tel (802) 878-3956
HamlinEngineers@dlhce.com
www.dlhce.com

**Statement of Qualifications
At-the-Ready (ATR) Consultant Engineering Services for Municipalities 2023
MUNICIPAL PROJECT MANAGEMENT**



*~ Engineering Excellence ~
Since 1965*

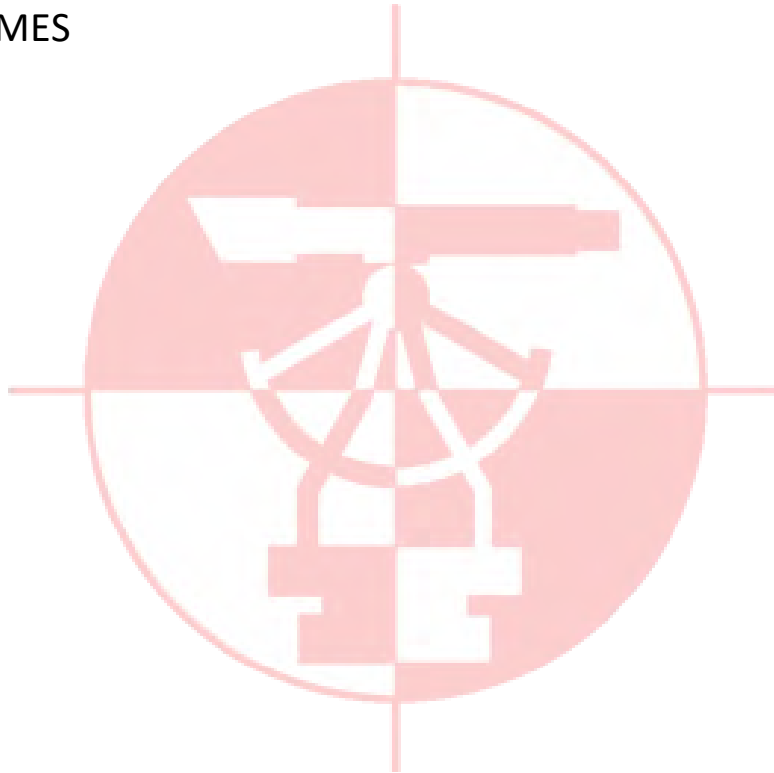


**State of Vermont
Agency of
Transportation
Municipal Assistance
Section**

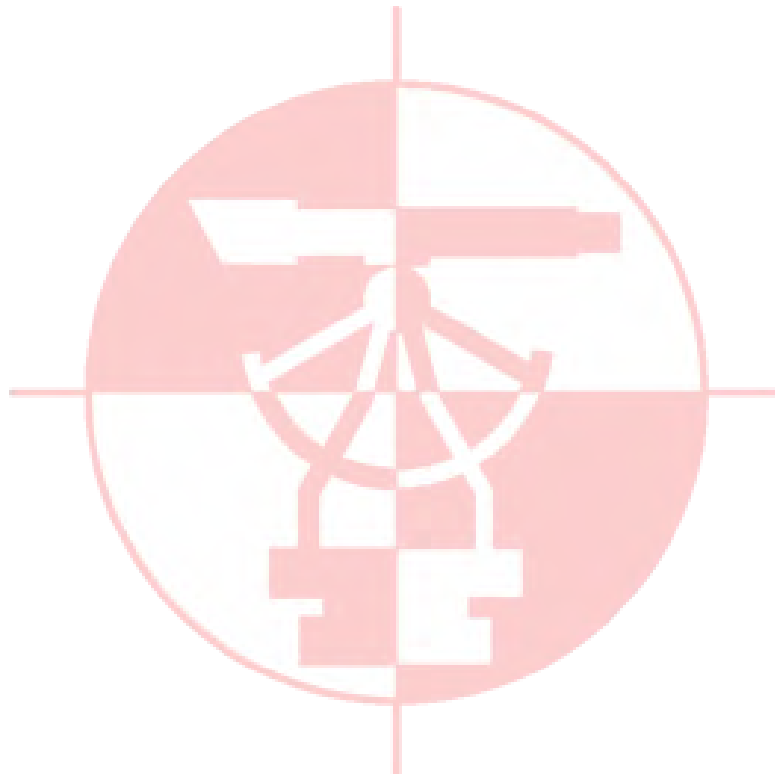
February 9, 2023

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a. COVER LETTER



DONALD L. HAMLIN
CONSULTING ENGINEERS, INC.
ENGINEERS AND LAND SURVEYORS

Please reply to:

P.O. Box 9
Essex Junction
Vermont 05453

136 Pearl Street
Essex Junction, Vermont

Tel. (802) 878-3956
Fax (802) 878-2679
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February 9, 2023

Ms. Nydia Lugo, Civil Engineer
Vermont Agency of Transportation
Highway Division – Municipal Assistance
219 North Main Street
Barre, VT 05641

Re: At-The-Ready Consultant Engineering Services for Municipalities 2023
Municipal Project Management

Dear Ms. Lugo:

Thank you for considering our firm for future Municipal Project Management services. We welcome this opportunity to continue providing service to the Agency of Transportation and Vermont communities. As a long-term working member of Vermont's municipal transportation partners, we understand the challenges facing the transportation system in Vermont. Our firm's decades of expertise and experience in construction scheduling, coordination, administration, and supervision provide us with the ability to recognize and stay ahead of potential issues which may arise during the course of a project. Our firm's depth of experience providing services on VTrans administered projects and our knowledge of local, State and Federal requirements and VTrans Standard Specifications for Construction allow us to continually ensure that projects are completed on schedule and in accordance with approved plans and specifications.

We utilize a team approach throughout the construction phase. We know that providing complete Municipal Project Management services over projected scoping, engineering design, and construction phases of the project will require a primary project manager and associated back-up staff. Our team has worked together for 35 years on projects too numerous to list and brings over 150 years of combined experience to any project. Our firm recently provided or is currently providing engineering design, project management, and/or resident engineering for the following VTrans Municipal Assistance administered projects:

Essex Junction STP 5300(13)
Colchester STP 5600(21)
5200(18)Shelburne STP BP14(5)
Hinesburg STP Bike(54)
Colchester TCSP TCSE(007)
Fairfax STP EH12(8)
Essex Junction STP 5300(14)
Milton STP BP16(10)

Essex Junction TAP TA 16(7)
Essex Junction STP SDWK (17)
Vergennes STP BP15(6)
Essex Junction STP SDWK(14)
Colchester STP SDWK(20)
Essex Junction STP 5300(11)
Jericho STP SDWK(2)
Milton STP BP13(3)

Fairfield STP BP13(7)
South Burlington STP
Essex Junction STP 5300(9) &(10)
Jericho STP BP14(2)
Shelburne STP SDWK(24)
Jericho STP BP14(2)
Colchester STP SDWK(16)

The attached response to the Request for Qualifications presents general information about our firm, detailed qualifications of the key personnel, and brief examples of projects involving Municipal Project Management services. We have uploaded our electronic submission to our VTrans GlobalScape Account as requested in the Request for Qualifications.

Once again, thank you for considering our firm and we appreciate the opportunity to continue working with the Vermont Agency of Transportation and Vermont local communities.

Respectfully,



Jeffrey P. Kershner, P.E.
President

Enc.

WATER SUPPLY & DISTRIBUTION
STORMWATER MANAGEMENT
STREETS & HIGHWAYS
CONTRACTOR SERVICES

MUNICIPAL ASSISTANCE
SITE DEVELOPMENT & SUBDIVISION
RECREATION FACILITIES & SKI AREAS
WASTEWATER COLLECTION & TREATMENT

AGRICULTURAL ENGINEERING
PERMITTING ASSISTANCE
LAND SURVEYING
RESIDENT ENGINEERING

b. GENERAL FIRM INFORMATION



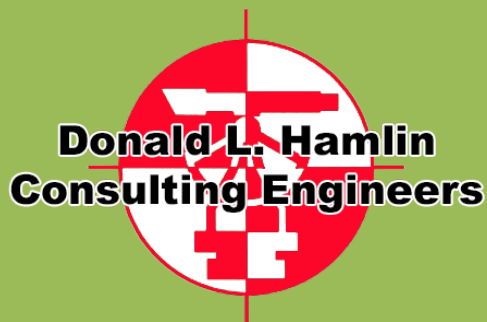
GENERAL FIRM INFORMATION

Donald L. Hamlin Consulting Engineers, Inc. (DLHCE) is a Vermont firm, founded in 1965, offering a full range of civil engineering, land surveying, and project management services. Personnel with broad experience in all phases of civil engineering, planning, and project management form the core of this organization. Comprehensive service to our clients is a primary goal of the firm. Emphasis is placed on establishing and maintaining good working relationships with clients, contractors, representatives of local, State, and Federal governments, and people affected by construction projects.



Since its inception, the culture of the firm has been based upon complete engineering solutions and service, from survey, design and permitting, through final construction of the project. Because we are able to provide complete survey, permitting, and engineering services, we are experienced in all phases of project development, completion, and management. We also recognize that it takes more than providing proper technical solutions for a project to be completed successfully. Realization of project goals, and the assurance that what the client and regulatory agencies have approved is constructed, requires engineering support throughout the construction process. The engineering career of the firm's founder began as a Resident Engineer on several interstate highway projects. This heritage of engineering care and complete service until the completion of construction remains with the firm. **We understand that the difference between a good project and great project is always found in the details, and we have the experience to know where to look for those details.**

Our office is located at 136 Pearl Street in Essex Junction. This office of ten employees is fully equipped and capable to produce all original engineering documents or reproductions in many formats. For more information regarding our firm, please visit our website: www.dlhce.com



136 Pearl Street
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Resident Engineering
Municipal Project Management
Drainage & Stormwater Facilities
Traffic Engineering, Modeling, & Impact Studies
Streets, Highways, & Intersections
Municipal Asset Management
Erosion Prevention and Sediment Control
Subdivisions-Residential & Commercial
Recreation and Industrial Planning
Engineering Feasibility Studies
Permit Assistance
Land Surveying & Mapping
Construction Inspection & Management
Bicycle/Pedestrian Planning and Design
Public Works and Maintenance Facilities
UAS Aerial Survey and Mapping

~ Engineering Excellence Since 1965 ~



TESTIMONIALS

“Tatro Construction, Inc. has worked with Hamlin Consulting Engineers on numerous projects over the years. I have personally known Rick for approximately 20 years. We have found their designs are based on sound engineering principles. Their plans and specifications are easy to understand. That being said, Rick and his staff always have an eye on constructability! This directly correlates to smoother construction phase. I wholeheartedly recommend Rick and his staff. They put the “professional” in Professional Engineers.”

- Marshall Leonard, P.E., General Manager, G.W. Tatro Construction, Inc.

“Wow! What a neat project that we can both drive by each day and be proud of. A win-win for the Champlain Valley Exposition and the Village of Essex Junction. Congratulations to you and your firm for pulling all the pieces together.”

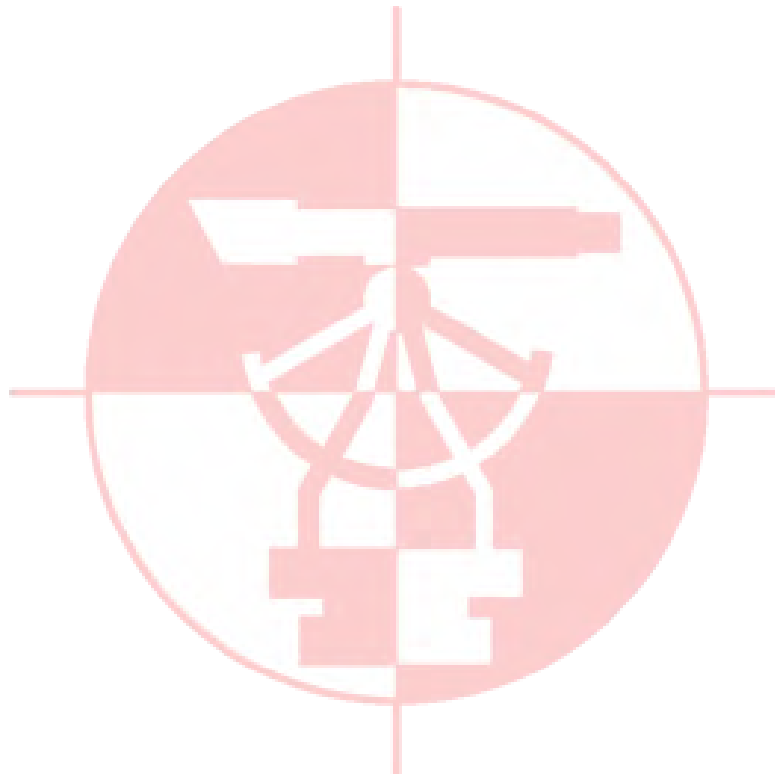
- David Grimm, CFE, Former General Manager of the Champlain Valley Exposition

“The Village of Essex Junction has been the recipient of high-quality engineering services from all of your staff, in particular from Steve Lizewski, during this year of persistent challenge. Through all of these challenges, Steve has risen above the fray to bring projects back on track and provide the quality installation that developers agreed to provide. On top of that, he has been available morning, noon, and night to get the job done for us. Try as they may, contractors have not slipped anything by Steve. His keen eye, analytical ability, and solid people skills have helped maintain high quality control of installations in the Village right of way. We simply wanted to let you know how much we appreciate Steve's services.”

- James L. Jutras, WWTF Director, and Ricky V. Jones, Public Works Director, Village of Essex Junction



c. ORGANIZATIONAL CHART and AVAILABILITY



Organizational and Availability Chart



JEFFREY P. KERSHNER, P.E.
PRESIDENT
PRINCIPAL ENGINEER

Responsible for corporate administration and oversees employee performance and conduct. Responsible for final quality of work and company policy. Responsible for quality assurance and quality control.

Availability: 25%



RICHARD F. HAMLIN, P.E.
CHIEF OF ENGINEERING
MUNICIPAL PROJECT MANAGER

Responsible for project management and coordination for all aspects of project development, permits, utilities, right of way, and construction. Will serve as the single point of contact for selected projects. Procurement of Design Engineer, Resident Engineer, and Contractor. Financial management of the project. Ensure project is administered in accordance with the funding requirements. Advertise and lead public interest meetings and Town Government Presentations.

Availability: 75%

MICHAEL R. MAGOON, L.S.
CHIEF OF SURVEYS

Responsible for Field Survey, Geodetic Control, and Construction Layout Services

Availability: 50%

STEPHEN O. LIZEWSKI
CHIEF OF FIELD OPERATIONS

Field Operations Coordinator, Resident Engineer, Field Testing Coordinator, VTrans MAS Compliance Monitor

Availability: 75%

RYAN A. WARD, L.S.
SURVEYOR

Responsible for Field Survey, Geodetic Control, and Construction Layout Services

Availability: 50%



ZACHARY P. KERSHNER
PROJECT ENGINEER

Project Designer, Resident Engineer, Construction Inspector, Construction Services, Project Closeout

Availability: 75%

MARK L. DOWNING, CPESC
ENGINEERING TECHNICIAN

Construction Inspection, EPSC Compliance, Testing Observation, Field Studies, Survey Assistance

Availability: 75%



d. TECHNICAL CAPABILITIES



KEY PERSONNEL – MUNICIPAL PROJECT MANAGERS

Richard F. Hamlin, P.E., the firm's Chief of Engineering, will serve as the Municipal Project Manager and single point of contact for the duration of selected projects. We believe that having a single contact will aid in the resolution of any issues and facilitate coordination with the Municipality, utility companies, VTrans representative, project designer, resident engineer, and the adjacent property owners. All correspondence will go through Richard, who will be responsible for the project coordination from start to finish. Richard will be responsible for project financial management, consultant and contractor procurement, public presentations, and orchestration of the project through the VTrans project development process. Richard will be responsible for the overall quality of the work produced in support of the Municipal Project Management efforts, as well as the supervision of technical staff.



Richard has provided design engineering, scoping study assistance, municipal project management, and resident engineering services on a number of projects administered with state and federal funding for over 40 years. Richard is a 1979 graduate of Norwich University who started his engineering career as an inspector on several waterline projects as an intern in college. After working for the Corps of Engineers in northern Europe, he returned to Vermont to serve as a Resident Engineer, supervising 8 other inspectors on a two year long municipal sewer project that brought municipal wastewater collection to the Town of Essex that included work within state highways and deep construction adjacent to live streams. Throughout his career, Richard has gained extensive experience providing conceptual planning, engineering design, and permitting services to a number of municipalities in Vermont and has designed roadway, waterline, and drainage improvements in the U.S. Virgin Islands. Richard has designed a variety of projects including an innovative sewer system to serve restaurants located on top of the highest mountain in Vermont, the 78-acre mixed commercial, retail, and residential Maple Tree Place development, and numerous roadway designs which include both water distribution systems and wastewater collection systems.

Richard has served as the single point contact and Principal Engineer for the Village of Essex Junction, Village Engineer, throughout the last 27 years. During this time, Richard has provided complete engineering design, project management, asset management, capital budget planning, utility map preparation, emergency flooding assistance, and construction phase services on a continuous on-call basis.

Richard is a registered Professional Engineer licensed in Vermont, New Hampshire, and Maine. He is also an FAA licensed drone pilot with numerous successful UAS flight missions.

- ✓ **Richard has been providing engineering services to municipalities for over 40 years.**
- ✓ **Richard has served as the Village Engineer for Essex Junction since 1996.**
- ✓ **Municipal Project Manager for the Essex Junction Crescent Connector Project STP 5300(13) & (14); a \$16 million Transportation and Railway infrastructure improvement project.**



Jeffrey P. Kershner, P.E., the firm's President and Principal Engineer, will be available to serve as Municipal Project Manager for selected projects as needed. Jeffrey will be responsible for overall quality assurance and quality control and will oversee employee performance and conduct. Jeffrey will be the single point of contact for the duration of selected projects. We believe that having a single contact will aid in the resolution of any issues and facilitate coordination with the Municipality, utility companies, VTrans representative, project designer, resident engineer, and the adjacent property owners. All project correspondence will go through Jeffrey, who will be responsible for the project coordination from start to finish. He will be responsible for project financial management, consultant and contractor procurement, public presentations, and orchestration of the project through the VTrans project development process. Jeffrey will be responsible for the overall quality of the work produced in support of the Municipal Project Management efforts, as well as the supervision of technical staff.



During his studies at the University of Vermont, Jeffrey worked at the firm as an engineering intern until graduating cum laude in 1993 with a Bachelor of Science degree in Civil Engineering. Jeffrey is currently the firm's President and Project Manager for traffic, site development, roadway and utility construction, and stormwater drainage projects. He has performed engineering design and permitting assistance for numerous roadway, drainage, and erosion prevention and sediment control projects. He has utilized innovative surface treatments such as recycled bituminous concrete and pervious cement concrete pavement on his projects involving roads and/or paths. He has performed inspection work for numerous projects and attended numerous courses in traffic and transportation engineering, include the Econolite, "Fundamentals of Traffic Control" offered by Econolite Control Products, Inc. He was the Project Manager for four site development projects involving the issuance of four Individual Construction Discharge Permits in the Potash Brook watershed in South Burlington in accordance with the National Pollution Discharge Elimination System. He served as the Environmental Specialist required by those permits and was responsible for regular inspections, documentation, and reporting to the State Agency of Natural Resources.

During his career, Jeffrey has been involved in project scoping, project management, engineering design, permit acquisition, and construction supervision of numerous roadway and pedestrian facility projects, as well as sewer, water, and drainage utility construction and replacement projects too numerous to list. He is intimately familiar with local, State, and Federal requirements, as well as VTrans specifications and project development process. Jeffrey prides himself on maintaining positive working relationships with municipal and private clients and regulatory agencies; and providing solid technical service and solutions to all of his engineering projects.

Jeffrey is a registered Professional Engineer licensed in Vermont, New Hampshire, and Maine. He is also an FAA licensed drone pilot; and has completed numerous aerial survey and mapping missions providing both 2-D imagery and 3-D reconstructions.

- ✓ **Having served several municipalities from multiple vantage points, our team knows first-hand how to avoid common frustrations, which increase project longevity and cost.**
- ✓ **A close working relationship with regulatory staff at agencies such as Army Corps of Engineers, Vermont ANR, and VTrans.**
- ✓ **A project approach that includes a simplistic and continuous path of communication which enables the municipality to reach informed, fact-based decisions to move the project forward.**



QUALIFICATIONS AND EXPERIENCE – RECENT PROJECT EXAMPLES

Within the last five years, we have performed Municipal Project Management (MPM) services for a number of VTrans MAS projects. In addition, virtually all of the projects our firm works on involve project management services from project onset, planning, design, permitting, and through construction. This concept of comprehensive service to our clients and projects is what the firm was founded on, and this has continued over the last 58 years. Our project managers are knowledgeable and experienced in local, State, and Federal permit requirements and have formed excellent working relationships with the various regulatory agencies keep projects on track, moving forward, and on budget.

Essex Junction Phase 1 Crescent Connector STP 5300(13), Essex Junction, Vermont

Our firm provides Municipal Project Management services for the Village of Essex Junction, Crescent Connector project. This project is a circumferential highway alternative project which is being administered by the Vermont Agency of Transportation. The project includes a new local road, “Crescent Connector”, which will connect Vermont Route 2A and Vermont Route 15 in the Essex Junction directly adjacent to the Five Corners. The proposed connector road will require a new at-grade rail crossing with the New England Central Railroad Main Line. The purpose of the new road is to provide additional connectivity in the downtown area thereby decreasing traffic volumes at the congested Five Corners Intersection. It will also provide opportunities for redevelopment in the area by providing access to currently under-developed parcels.



As the Municipal Project Manager for this 16 million dollar project, our firm provides complete financial management and coordination for the project. We prepared Request For Qualification documents to procure a design engineering team and prepared the necessary documents to procure a construction contractor to complete the both phases of the work. Our role also includes ensuring that the project is administered in accordance with applicable State and Federal

regulations as well as the VTrans MAS project development process from inception to project completion. We were also responsible for preparing presentation materials and conducting public interest meetings to keep the public informed of the project and seek project goals and limitations from interested parties.

REFERENCE CONTACT
Ande Deforge
MAB Project Manager
VTrans Municipal Assistance Section
219 North Main Street
Barre, VT 05461
Ande.deforge@vermont.gov
(802) 595-6657

REFERENCE CONTACT
Ricky V. Jones
Public Works Superintendent
City of Essex Junction
2 Lincoln Street
Essex Junction, VT 05452
rick@essexjunction.org
(802) 878-6944



Town of Milton, Route 7 Sidewalk Gap Project, Milton STP BP16(10)

Our firm served as the Municipal Project Manager for the Town of Milton Route 7 Sidewalk Gap Project. Through a cooperative agreement between the Town of Milton and the Vermont Agency of Transportation, our firm is managing the project while the VTrans MAS administers funding and reviews project material for compliance with Federal and State standards and policies as laid out in the MAS Guidebook. Our firm was selected by the Town of Milton to provide the Municipal Project Management services for this project based on qualifications of our firm.



The project includes the construction of approximately 3,800 linear feet of sidewalk with associated drainage, curb, landscaping, lighting, and crosswalk features to fill in four gaps which exist on the northern side of Route 7 between Nancy Drive and Haydenberry Drive. Without a complete sidewalk network on both sides of Route 7 between large residential centers and the central commercial district, pedestrian safety is challenged and it hinders Milton’s ability to grow as a walkable community. In particular, the pedestrian gaps result in poor pedestrian accessibility from the Bert’s Mobile Home Park and multi-family housing in Checkerberry Village to the existing GMT bus stops within the project area and to the center of Town. The completion of this project will enable residents to walk from Nancy Drive to Rene’s Market completing a 1.8-mile sidewalk network from a densely populated residential area to the town core commercial center and Milton High School. The project also includes the construction of two large retaining wall structures to fill two ravines on the North side of Vermont Route 7 and provide a location for the proposed sidewalk.

Municipal Project Management services for this project included drafting Request For Qualifications to procure design engineer services and landscape architect services, public interest meeting presentations, Town Selectboard hearing presentations, financial management of the project, complete project coordination, and ensuring that the project is developed in accordance with the federal funding requirements, MAB Guidebook, and Town Public Works Specifications.



REFERENCE CONTACT

Derek Kenison
Project Supervisor
VTrans Municipal Assistance Bureau
219 North Main Street
Barre, VT 05461
Derek.kenison@vermont.gov
(802) 595-4316

REFERENCE CONTACT

Don Turner
Town Manager
Town of Milton
43 Bombardier Road
Milton, VT 05468
dturner@miltonvt.gov
(802) 893-6655



e. RESUMES



JEFFREY P. KERSHNER, P.E.
PRESIDENT

PROJECT RESPONSIBILITY:

Principal Engineer

EDUCATION:

BSCE – University of Vermont - 1993, cum laude

PROFESSIONAL REGISTRATION:

P.E. – State of Vermont, Section I-313 Compliant

P.E. – State of New Hampshire

P.E. – State of Maine

FAA Part 107 Remove Pilot Certification

PROFESSIONAL MEMBERSHIPS:

American Society of Civil Engineers

National Society of Professional Engineers

Tau Beta Pi, National Engineering Honor Society

Order of the Engineer, University of Vermont Link

Chi Epsilon, Civil Engineering Honor Society

EXPERIENCE:

September, 1988 - May 1993

Donald L. Hamlin Consulting Engineers, Inc. Served as an Engineering Technician while in pursuit of a degree in civil engineering, working in conjunction with project engineers on a wide variety of projects.

May 1993 – August 2006

Donald L. Hamlin Consulting Engineers, Inc. Joined full time staff as an Engineer working directly under three (3) licensed Professional Engineers.

August 2006 – March 2017

Donald L. Hamlin Consulting Engineers, Inc. Appointed Vice President and Project Manager.

March 2017 – present

Donald L. Hamlin Consulting Engineers, Inc. Appointed President and Principal Engineer.

Specific project experience includes the following:

- **Tilley Drive Traffic Signal and Turn Lanes, South Burlington, VT** – Project Manager and Principal Engineer for complete survey, design, and construction inspection services for new left and right turn lanes and the installation of a complete traffic signal system and pedestrian crossing along VT Route 116 at the intersection with Tilley Drive in South Burlington.
- **Densmore Drive Upstream Culvert Replacement, Essex Junction, VT** – Provided project management, overall quality control, and construction inspection services related to the replacement of two existing six foot diameter, seventy foot long CMP culverts with a new twenty foot span concrete box culvert and related roadway and sidewalk reconstruction along Densmore Drive in Essex Junction.
- **Colchester Laker Lane, Colchester, VT** – Principal Engineer for the Colchester STP 5600(21) for the design of roadway widening along VT 127 (Blakely Road) to accommodate new left and right turns lanes onto Laker Lane in Colchester, VT.
- **Maple Street Culvert and Waterline Improvements, Essex Junction, VT** – Project Manager and Principal Engineer related to the replacement of an existing 24" diameter corrugated metal storm drainage pipe beneath Maple Street and a portion of the Maple Street Park parking area in Essex Junction.
- **Milton High School Roof Drain Outfall Improvements, Milton, VT** – Project Manager and Principal Engineer for complete design and construction services for the Milton High School Roof Drain Outfall and Stormwater Storage Gallery project in Milton, Vermont. This project was awarded the 2012 **Governor's Award for Environmental Excellence**.
- **Mountain View Office Park, South Burlington, VT** – Project Manager and Principal Engineer for a five-lot subdivision located at the end of Tilley Drive adjacent to Interstate 89 in South Burlington. Project involved the construction of an extension to the existing Tilley Drive roadway with new sewer, water, and storm drainage infrastructure.
- **Quarry Lane Culvert Replacement, Milton, VT** – Principal Engineer for the replacement of existing undersized and deteriorating culvert piping beneath Quarry Lane in the Town of Milton.

RICHARD F. HAMLIN, P.E.
CHIEF OF ENGINEERING

PROJECT RESPONSIBILITY:

Project Manager

EDUCATION:

BSCE – Norwich University - 1979

PROFESSIONAL REGISTRATION:

P.E. – State of Vermont, Section I-313 Compliant

P.E. – State of New Hampshire

P.E. – State of Maine

FAA Part 107 Remove Pilot Certification

PROFESSIONAL MEMBERSHIPS:

American Society of Civil Engineers – Past President VT Section

Vermont Society of Engineers

National Society of Professional Engineers

New England Water Works Association

EXPERIENCE:

Summers of 1976-1978 Donald L. Hamlin Consulting Engineers, Inc.; Rodman - Chainman on various surveys. Construction Inspector on municipal water system improvements.

1979 Surveyor on various water impoundment surveys under contract to the U.S. Army Corps of Engineers in the Indianapolis, Indiana area.

1980 Design Engineer and Construction Inspector for various U.S. Army Facility improvements in Northern portion of West Germany.

1982 Full time staff Donald L. Hamlin Consulting Engineers, Inc.; Survey Party Chief on a variety of boundary and construction surveys. Resident Engineer for \$7 million wastewater collection system. Responsible for inspection and location documentation of over three hundred residential and commercial sewer service installations. Responsible for the design of specialized residential septic systems. Project Engineer on various drainage and road improvement projects. Responsible for the preparation of industrial park feasibility studies.

1986-1993 Donald L. Hamlin Consulting Engineers, Inc., Board of Directors: Corporate responsibilities including employee compensation, technical specifications, and project administration.

1993 **Donald L. Hamlin Consulting Engineers, Inc.** - Appointed Executive Vice President,

2006 **Donald L. Hamlin Consulting Engineers, Inc.** - Appointed President and Principal Engineer

March 2017–present **Donald L. Hamlin Consulting Engineers, Inc.** - Appointed Chief of Engineering

Project Experience:

Project Management, Design, and inspection of a variety of projects including a 78-acre mixed commercial, retail, residential development, an innovative sewer system to serve restaurants located on top of the highest mountain in Vermont, and numerous roadway designs which include both pedestrian and bicycle accommodations. Performed design services for the Government of the Virgin Islands related to new roadway alignments through environmentally sensitive areas. Served as the single point contact and Principal Engineer for the Village of Essex Junction, Village Engineer, throughout the last 27 years. During this time, provided complete engineering design, project management, asset management, capital budget planning, utility map preparation, emergency flooding assistance, and construction phase services on a continuous on-call basis. Also served on the Village of Essex Junction Capital Committee and on the Bike/Walk Advisory Committee.

STEPHEN O. LIZEWSKI
CHIEF OF FIELD OPERATIONS

EDUCATION:

A.C.E. - Vermont Technical College
Vermont Technical College - Continuing Education

EXPERIENCE:

1988-Present **Donald L. Hamlin Consulting Engineers, Inc.,**

Resident Engineering Experience:

- Essex Junction Crescent Connector STP 5300(13)
- Colchester Campus Connector TCSP TCSE (007) Project
- Essex Junction STP SDWK(17) & TAP TA13(6)
- City of South Burlington STP 5200(18)
- Essex Junction STP SDWK(14) Project
- Streetscape Improvements Project, Pearl Street STP 5300(11) & STP 5300(12) in Essex Junction
- Five Corners Redevelopment Improvements Project, Pearl Street STP 5300 (9) & (10) in Essex Junction
- Five Corners North Storm Drainage Improvements project in the Village of Essex Junction
- Maplewood Lane Roadway Reconstruction project in the Village of Essex Junction
- Cascade Street Reconstruction project in the Village of Essex Junction
- Main Street Multi-Use Path project in the Village of Essex Junction
- Taft Street Reconstruction project in the Village of Essex Junction
- South Street Roadway Improvements project in the Village of Essex Junction
- Marvin Heights Curb and Sidewalk Improvements project in the Village of Essex Junction
- River Street Waterline Replacement project in the Village of Essex Junction
- Abnaki/Algonquin Roadway Reconstruction project in the Village of Essex Junction
- Main Street Sidewalk and Lighting Improvements project in the Village of Essex Junction
- Railroad Avenue Sidewalk and Lighting Improvements project in the Village of Essex Junction
- South Summit Street Roadway and Waterline Improvements project in the Village of Essex Junction
- Prospect Street Sanitary Sewer System Improvements project in the Village of Essex Junction
- Street Drainage Improvements Project in the Village of Essex Junction
- Lincoln Street Drainage Improvements Project in the Village of Essex Junction
- Rivers Edge Apartments Pump Station Replacement for the Winooski Housing Authority, Winooski, VT
- Elm Street Complex Roadway and Sanitary Sewer System Improvements project, Winooski, VT
- Franklin Street Complex Roadway and Sanitary Sewer Systems Improvements project, Winooski, VT
- New Alumni Center project at St. Michael's College
- Emergency Services Building project at St. Michael's College
- New Welcome Center project at St. Michael's College
- Residence Halls #2 and #3 project at St. Michael's College
- New Residence Hall project at St. Michael's College
- Parking Expansion project at the Essex Elementary School in the Town of Essex
- New Superintendent's Office and Middle School Expansion at the Essex Middle School
- Bird Roadway Reconstruction Project in the Town of Milton
- Sandhill Road New Waterline project in the Town of Essex
- River Road New Waterline project in the Town of Essex
- Pedestrian Walkways project at Maple Tree Place
- Green Improvements project at Maple Tree Place
- Primary Site Work project at Maple Tree Place
- Tilley Roadway Phase I project in South Burlington
- Resident Engineer for construction of 2.5 miles of municipal road reconstruction, Glen Road in Newport Vermont, including over 10,000 feet of new municipal waterline, 10,000 feet of new sanitary sewer, and associated storm drainage.

ZACHARY P. KERSHNER
PROJECT ENGINEER

PROJECT RESPONSIBILITY:

Project Engineer

EDUCATION:

Essex High School, Essex Junction, VT
Student – Quinnipiac University, Class of 2023

ACADEMIC ACHIEVEMENTS:

Essex High School
- National Honors Society
- Graduated Cum Laude

EXPERIENCE:

June 2016- Present

Donald L. Hamlin Consulting Engineers, Inc. Served as an Engineering Intern while in pursuit of a degree in civil engineering, working in conjunction with project engineers and land surveyors on a wide variety of projects.

Specific project experience includes the following:

- Resident Engineer for the Densmore Drive Upstream Culvert Replacement Project in Essex Junction, VT during the summer of 2022.
- Resident Engineer for the Townhouse Condominium Water Service and Drainage Pipe Replacement Project in Stowe, VT during the summer of 2021.
- Resident Engineer for the Essex Junction TAP TA 16(7) Gravel Wetland project in Essex Junction, VT during the summer of 2020.
- Resident Engineer for the Lamoille Street reconstruction in Essex Junction, VT during the summer of 2020.
- Assistant Resident Engineer for the municipal wastewater connection at the Founders Memorial School in Essex, VT during the summer of 2019.
- Performed construction surveys related to the construction of a new commercial building at 194 Tilley Drive in South Burlington, VT during the summer of 2019.
- Served as a survey crew member for topographic field surveys for the Grand Isle Ferry Terminal in South Hero, VT, for the Foster residence in Colchester, VT both in the summer of 2019.
- Performed road measurements, quantities computations, and cost estimates for roadway repaving projects along Cobble Hill Road, Cooper Road, Hardscrabble Road, Lena Court, Quarry Lane, Russel Circle, and Bear Trap Road in Milton, VT during the summer of 2018.
- Prepared complete Erosion Prevention and Sediment Control plans for 300 new camp sites at Apple Island Resort in South Hero, VT; for the construction of two manure storage facilities and related drainage improvements at the Belter Family Farm in South Burlington, VT; and for new parking and drainage improvements at the Mount Mansfield Co. Harlow Hill Property in Stowe, VT.
- Performed infiltration tests related to parking and drainage improvements at the Mount Mansfield Co. Harlow Hill Property in Stowe, VT.
- Performed drafting for Boundary Adjustments for Catherine Antley in Bolton, VT, The Brandon Inn in Brandon, VT, Saint Michael's College Quarry in Colchester, VT, Theresa C. Findeissen in Panton, VT, and Lake Champlain Transportation Co. in Grand Isle, VT.
- Prepared 3D modeling of proposed buildings as part of a subdivision of the Old Mill property in Jericho, VT.
- Performed stormwater system inspections for the Twincraft Skincare facility located at 36 River Road in Essex, VT.; and at the Milton Elementary School and Milton High School in Milton, VT.
- Assisted with the inspection of the on-site sanitary sewer collection, treatment, and disposal system for the Brown Ledge Camp in Colchester, VT.
- Served as Draftsman and Surveying Assistant for a new agricultural building at Gillian Farm on Route 15 in Jeffersonville, VT in the summer of 2016.

MICHAEL R. MAGOON, L.S.
CHIEF OF SURVEYS

EDUCATION:

A.A.S./Paul Smiths College of Arts & Sciences - 1977
Vermont Technical College, University of Vermont
Vermont Society of Land Surveyors Educational Seminars
Massachusetts Association of Land Surveyors and Civil Engineers Seminars

PROFESSIONAL REGISTRATION:

L.S. - State of Vermont License No. 611

EXPERIENCE:

- 1978 Grade Foreman for water, sewer & storm drain projects. Estimated job costs and feasibility. Computed quantities on road excavations and related work in the West Rutland, Vermont area.
- 1979-1980 Instrument-man and Survey Crew Chief on residential subdivisions, roadway, airport (surveys and stakeout) and boundary surveys. Computed calculations for land surveys and construction surveys in the Cottonwood, Arizona area.
- 1980 Survey Crew Chief, residential subdivisions, roadway construction surveys, cross sections, drainage details, centerline stakeout with offsets and slope staking. Computed calculations for land surveys in the Cottonwood, Arizona area.
- 1980-1982 Survey Crew Chief on residential subdivisions and road construction surveys. Computed calculations for land surveys and construction surveys in Sedona, Arizona area.
- 1989-Present Sole Proprietorship of Land Surveying firm (in 1993 began doing business as Land Lines-Surveying and Mapping) providing Land Surveying services throughout the Champlain Valley and adjacent towns in Vermont. Primarily offering consulting on land boundaries, conducting property line retracement surveys, subdivision surveys, land planning consultation, and ancient highway municipal inventory assistance
- 1983-Present **Donald L. Hamlin, Consulting Engineers, Inc.**
- Project Field Inspector for municipal wastewater collection systems with extensive qualifications in the installation of pipelines under roadways with the use of jacking and augering procedures. Residential subdivision street construction and reconstruction inspection. Proficient with in-field measurements and calculations to meet design change requirements and/or to adjust to existing conditions. Resident Engineer/Project Field Inspector on municipal sewer collection system where installation of pipelines under and along state highways required extensive traffic control and partial reconstruction of said highway. Inspection of concrete construction such as retaining headwalls and other drainage structures as well as building foundations. Crew Chief and Chief of Parties supervising land boundary surveys from single lot re-monumentation to large subdivision layouts throughout Vermont. Deed research executed in many municipal record holdings as well as quasi-public record abstraction experience, especially in the Chittenden County area. Extensive experience in uncovering and evaluating property line evidence. Engaged in computations to evaluate and calculate all phases of Land Surveying. Map drafting experience in all types of platting.

RYAN A. WARD, L.S.
LICENSED SURVEYOR

PROJECT RESPONSIBILITY:

Licensed Surveyor

EDUCATION:

BSCE – University of Vermont - 2005

PROFESSIONAL REGISTRATION:

L.S. – State of Vermont

PROFESSIONAL MEMBERSHIPS:

Vermont Society of Land Surveyors

EXPERIENCE:

May 2005 – December 2005

Krebs & Lansing Consulting Engineers, Inc. Served as an Engineering Technician.

- Calculated slopes and intersections of storm and sewer pipes for compliance with State regulations
- Conducted percolation and permeability tests for in-ground septic systems
- Drafted mark- up sheets for engineer

December 2005 – December 2013

Krebs & Lansing Consulting Engineers, Inc. Served as an Engineer/Survey Technician

- On-site construction administrator for Champlain Water District's installation of new 24" water line on National Guard Road in South Burlington; prepared and submitted daily construction reports to Champlain Water District
- Designed in-ground septic systems under supervision of professional engineer
- Conducted yearly septic inspections for large, inefficient in-ground system; observed conditions and altered flows
- Conducted storm water inspections

December 2013 – October 2019

Krebs & Lansing Consulting Engineers, Inc. Served as a Licensed Surveyor.

- Conducted title searches and research for various parcels in Town records
- Evaluate deed descriptions against on-the-ground field measurements
- Collect field measurements and adjust horizontal and vertical control for boundary and topographic surveys
- Supervise and train survey technicians
- Complete boundary surveys on AutoCAD 3D
- Prepare and perform layout for buildings and other construction activities

November 2019 - Present

Donald L. Hamlin Consulting Engineers, Inc. Serving as a Licensed Surveyor.

MARK L. DOWNING, CPESC
ENGINEERING TECHNICIAN

EDUCATION:

Mechanical Engineering – Center for Technology, Essex 2002
AE – Vermont Technical College 2005

PROFESSIONAL MEMBERSHIPS:

National Vocational Technical Honor Society

PROFESSIONAL REGISTRATION:

Type A - Residential Septic System Designer
CPESC – Certified Professional in Erosion and Sediment Control

EXPERIENCE:

June, 2002 - May 2005

Donald L. Hamlin Consulting Engineers, Inc. Served as an Engineering Technician on part time basis while in pursuit of a degree in civil engineering, working in conjunction with two project engineers on a wide variety of projects. Work experience included:

- Computer Aided Design or CAD Draftsmen using the latest AutoCAD™ and Eagle Point™ Software
- Surveying Technician
- Construction supervision
- Water Quality Testing
- Effluent Testing
- Traffic Data Collection

May 2005 - present

Donald L. Hamlin Consulting Engineers, Inc. Joined full time staff as an Engineering Technician working directly under two licensed Professional Engineers. Project responsibilities include field survey, site design, residential and commercial septic system designs, water quality testing, effluent testing, and construction inspection and field measurements. Specific experience includes:

- Served as the Quality Control Officer and the on-site plan coordinator for the 334-unit South Village residential development on a ±225 acre site in South Burlington
- Served as the primary construction inspector for the construction of a 9-unit Planned Unit Development located on West Shore Road in Georgia
- Provided design and construction inspection of Vermont's Camp Ta-Kum-Ta, located on Sunset View Road in South Hero
- Provided design and inspection for the construction of a new roof drain outfall and 70,000 gallon stormwater storage gallery located at Milton High School
- Provided inspection for the construction of a two-story office building located on Lot 3 of the Mountain View Office Park in South Burlington
- Provided construction inspection services related to the 2006 installation of an advanced stormwater treatment system in the Village of Morrisville
- Stormwater Pollution Prevention Plan Coordinator for the Rathe Salvage Yard in Colchester, VT