

December 20, 2024

Tobey Reynolds, P.E.
Asst. Director of Project Development, Chairperson, Consultant Selection Committee
New Hampshire Department of Transportation
John O. Morton Building, 7 Hazen Drive, P.O. Box 483, Concord, NH 03302

Re: Statewide On-Call Preliminary Engineering Prequalified List of Consultants for locally administered Local Public Agency (LPA) Qualifications-Based Selection Contracts

Dear Tobey,

We are pleased to submit this Prequalification Package for statewide on-call engineering services for LPA projects. This letter of interest will demonstrate that our team brings the qualifications and depth of experience to successfully complete LPA assignments for municipalities throughout New Hampshire.

Team Experience & Qualifications – Gorrill Palmer, now LJB, Inc., is a full-service engineering firm with significant transportation planning & engineering experience that focuses on Relationships, Responsiveness, and Results for our clients. We have been completing similar LPA services for municipal clients in the state of Maine for over ten years. Gorrill Palmer will serve as the prime consultant and will provide Highway Design services on this assignment. We are pleased to propose Randy Dunton, P.E., PTOE, and Don Ettinger, P.E., for these services. Both are P.E. licensed and LPA certified in New Hampshire, and combined they bring over 60 years of transportation planning and design experience. They will be supported by a team of professionals within Gorrill Palmer, as described in this proposal.

Gorrill Palmer has partnered with Kleinfelder to provide Bridge Design services on this assignment. Kleinfelder has provided engineering services for New Hampshire clients for over 25 years, and their services will complement ours well. We are also teamed with Normandeau Associates for environmental and permitting support, Doucet Survey for survey and right-of-way support, and Haley Aldrich for geotechnical support. Our team's combined experience and qualifications make us well-suited for this assignment.

Project Understanding – Gorrill Palmer has been designing and inspecting locally administered transportation projects for Maine DOT and communities throughout Maine for many years. The types of LPA assignments that we have worked on include highway, intersection, pedestrian, and bicycle accommodation projects. Those projects have included drainage design and include preliminary and final design and preparation of contract plans and supporting bid documents. We also have experience designing park & ride lots, including two facilities as LPA projects.

We are familiar with the requirements of this solicitation and will bring a design team that will provide design services in accordance with the NHDOT LPA deliverable requirements. We look forward to working closely with the New Hampshire communities to guide and advise them to ensure work is completed in accordance with those NHDOT design and deliverable expectations. Gorrill Palmer believes in building and maintaining strong relationships to thoroughly understand our client's needs. We are committed to providing the highest quality of service to our clients, and we look forward to demonstrating those capabilities.

Thank you for the opportunity to submit a prequalification package on this solicitation. Please feel free to contact us with any questions or comments.

Respectfully submitted,
Gorrill Palmer, an LJB Engineering Company



Don G Ettinger, P.E., Transportation Operations Leader, NE | 207.756.0462 | DEttinger@GorrillPalmer.com



Project Understanding and Approach

Capabilities and Qualifications

Gorrill Palmer, now LJB Inc., is an integrated transportation, municipal, and land development engineering firm that has been providing quality professional service to clients throughout New England and the Mid-Atlantic area since 1998 and 2013. Since our founding, Gorrill Palmer has been consistently recognized for our expertise, experience, and responsiveness, resulting in outstanding value for our clients.

At Gorrill Palmer, we have created a work environment built upon integrity, skill, and service. Our team includes individuals with expertise in transportation planning and engineering, municipal engineering, land development, environmental permitting, and construction observation. With staff in Maine and Virginia, Gorrill Palmer's committed staff is well respected for our attention to detail and ability to consistently deliver high-quality, innovative, and cost-effective designs to our clients.

Gorrill Palmer takes pride in adhering to its "3R" core values of Relationships, Responsiveness, and Results. The success of any project can be based on our firm's ability to effectively communicate with our clients and the public. Responsiveness can be defined as meeting a project deadline or having a principal of our firm actively involved in every project. Results can be defined as delivering a quality product and/or listening to our client's needs and delivering a product that meets those needs. It is these core values that Gorrill Palmer will bring to this important assignment to ensure project success.

In terms of services provided, Gorrill Palmer is a full-service transportation planning, land development, and municipal engineering firm that provides the following services:

- Roadway and Intersection Design
- Bicycle & Pedestrian Facility Design
- Parking & Transit Facility Design
- Intersection Signal & Roundabout Design
- Stormwater Management / Erosion Control
- Transportation Feasibility Studies
- Corridor Planning Studies
- Traffic Analysis and Design
- High Crash Location Mitigation Assessment
- Management of Access Control
- Traffic Impact Studies
- Transportation Demand Management
- Local, State and Federal Permitting
- Construction Inspection Services
- Low Impact Development
- Green Infrastructure
- Neighborhood Traffic Calming
- Capital Improvement Planning Assistance
- Utility Design
- Multi-Use Trail Design
- Parking Studies
- Traffic Movement Permits

Gorrill Palmer has over 40 employees, including fourteen licensed professional engineers, twenty project and design engineers, five CAD technicians, and two administrative staff. We have six staff members who are MaineDOT local project administration (LPA) certified including Don Ettinger, Randy Dunton, Brandon Havu, Jared Winchenbach, and Travis Landry. We have two staff members who are NHDOT LPA certified and PE licensed, including Don Ettinger and Randy Dunton. We have thirteen individuals who are dedicated to the transportation planning and transportation engineering groups within the firm, including six professional engineers.

Bridge Services—We are pleased to partner with Kleinfelder to provide bridge design services on this assignment. Kleinfelder brings New Hampshire experience and qualifications in the preservation, rehabilitation, and replacement of bridge structures. They have experience completing bridge-type studies, preliminary design, final design, and bridge construction inspection services. They are also qualified to perform non-construction bridge inspections and bridge load ratings on existing structures.

Environmental Services—We are pleased to partner with Normandeau Associates to provide environmental regulatory compliance, natural resources permitting, and cultural resource compliance. Normandeau Associates brings well-established relationships with the New Hampshire environmental regulatory agencies, which will allow our team to navigate the environmental permitting process more efficiently.



Survey and Right-of-Way – We are pleased to partner with Doucet Survey to provide topographic survey and right-of-way (ROW) services on this assignment. Doucet Survey has extensive experience working on NHDOT projects. In addition to survey base mapping, Doucet provides ROW services, including ROW mapping, property owner outreach, easement negotiation, property evaluation, and deed recording assistance.

Geotechnical – We are pleased to partner with Haley Aldrich to provide geotechnical design services in support of LPA assignments. Haley Aldrich is a national leader in geotechnical design services and brings experience working for NHDOT. They will assist with geotechnical analysis, evaluations, retaining wall designs, and bridge substructure evaluations.

Related Project Experience

Gorrill Palmer brings extensive transportation planning and design experience working on locally administered projects. Gorrill Palmer is involved in the following recent and ongoing transportation-related LPA projects:

- **Main, Mill, and Broad Street Improvements, Auburn, ME**—The work included roadway, intersection, drainage, traffic signal, bike, and pedestrian facility designs for an urban street rehabilitation in New Auburn. Services included preliminary design, final design, and construction inspection services.
- **Broadway Improvements, Bangor, ME**—The work included roadway, intersection, drainage, traffic signal, bike, and pedestrian facility designs, as well as design improvements to adjacent interstate ramps for this busy 5-lane roadway corridor. Services included preliminary and final design.
- **Somerset Street Improvements, Portland, ME**—The work included roadway, intersection, drainage, parking, bike (multi-use trail), and pedestrian facility designs for this city street in downtown Portland. Services included preliminary and final design.
- **River Road Improvements, Lewiston, ME**—The work included roadway and drainage design for this mostly residential street. Services included preliminary and final design.
- **Cedar Street Parking Lot Improvements, Brunswick, ME**—The work included parking facility, drainage, lighting, transit, and pedestrian facility designs for this new park & ride lot facility. Services included preliminary design, final design, and construction inspection services.
- **Hotel Road Improvements, Auburn, ME**—The work included roadway, intersection, and drainage designs for this heavy commuter route. Services included preliminary and final design and construction inspection services.
- **Oak Grove, Judkins Ave, Old Brunswick Road Sidewalk Improvements, Bath, ME** – Work included sidewalk, pathway, roadway, intersection, and drainage designs for this safe route to school project. Services included preliminary design, final design, and construction inspection services.
- **Route 35 Sidewalk Improvements, Windham, ME** – Work included sidewalk, intersection, drainage, and traffic signal facility designs for this pedestrian sidewalk project. Services included preliminary design, final design, and construction inspection services.
- **West Commercial Street Pathway Improvements, Portland, ME**—This urban downtown street's work included sidewalk, pathway, parking, and drainage designs. Services included preliminary and final design.
- **Emerson Street Park & Ride Lot Improvements, Sanford, ME**—The work includes parking lot facility, drainage, lighting, landscaping, transit, and pedestrian facility designs for this new park & ride facility. Services include preliminary and final design.
- **Park Ave Improvements, Auburn, ME**—The work included roadway, intersection, drainage, bike (multi-use trail), and pedestrian facility designs. Services included preliminary and final design.

While most of our LPA experience resides in Maine, it is worth noting that our New England office is in South Portland, ME, which is only 90 minutes from Concord and NHDOT offices. Being in southern Maine will allow us to easily service municipal clients throughout New Hampshire. We are committed to providing the same high-quality service to New Hampshire municipalities as we do with our current municipal clients in Maine.



Organizational Chart



Randy Dunton, P.E., PTOE, IMSA II
Project Manager



Donald Ettinger, P.E.
Principal-in-Charge/Project Manager

HIGHWAY ENGINEERING	BRIDGE ENGINEERING	SUPPORT SERVICES
<p>Sr. Highway Engineer/Project Manager Brandon Havu, P.E. Arthur Bonney, P.E.¹</p> <p>Highway Engineer/Project Manager Jared Winchenbach, P.E. Travis Landry, P.E.</p> <p>Lead Highway Engineer Trey Warren, P.E. Matt Richard, E.I.</p>	<p>Sr. Bridge Engineer/Project Manager William Ashford, P.E. ¹ ● ●</p> <p>Keith Wood, P.E. ¹ ● ●</p> <p>Amy Floren, P.E. ¹ ●</p> <p>Marcia Kelly, P.E. ¹ ●</p>	<p>Geotechnical Engineering Erin Force, P.E. ² ●</p> <p>Environmental Permitting Joel Detty, P.H. ³ Bill McCloy³</p> <p>Survey/Right-of-Way Matt Fagginger-Auer, P.L.S. ⁴ ● Steve Michaud, P.L.S. ⁴ ●</p>

KEY

- NH P.E. License
- NH P.L.S. License
- NHDOT LPA Certification

SUBCONSULTANTS

1: KLEINFELDER | 2: HALEY ALDRICH
3: NORMANDEAU | 4: DOUCET SURVEY



Project Team

The Gorrill Palmer Team will be led by **Don Ettinger P.E., Project Manager**. Don oversees Gorrill Palmer's transportation group and has over 30 years of experience as a Principal, Group Leader, and Project Manager. He is LPA certified with NHDOT and is an NH-licensed professional engineer. Don brings experience working on federally funded LPA projects that include roadway, intersection, traffic signal, pedestrian, and bicycle improvements. He also has experience working on parking lot facility projects, transportation planning studies, feasibility studies, safety audits, and safety mitigation projects. He brings over 25 years of experience in facilitating projects through the public and municipal approval process. Don is supported by the following key team leaders:

Randy Dunton P.E., PTOE, Project Manager / Sr. Traffic Engineer – Randy will oversee the traffic and transportation planning-related services. He brings over 30 years of experience in traffic and transportation engineering and served as a Regional Traffic Engineer for MaineDOT prior to joining Gorrill Palmer in 2007. Randy is LPA certified with NHDOT and is an NH-licensed professional engineer. His experience includes traffic-related LPA assignments, transportation planning studies, safety audits, traffic impact studies, and traffic movement permits in both Maine and New Hampshire.

Brandon Havu P.E., Project Manager / Sr. Highway Engineer – Brandon will assist with Gorrill Palmer's transportation design development and project management services. He brings 14 years of experience in the design and management of roadway, bridge, and multimodal projects. He has LPA experience working on roadways, sidewalks, shared-use pathways, intersections, and paving with ADA improvement projects. Prior to joining Gorrill Palmer in 2014 (& rejoining in 2022), he worked for HNTB Corporation, where he gained experience on NHDOT / Bureau of Turnpikes projects, including the Hooksett I-93 Open Road Toll Plaza conversion. Brandon is well-versed in the NHDOT design standards.

Jared Winchenbach P.E., Project Manager / Highway Engineer – Jared will assist with transportation planning and design development as well as project management and construction inspection services. He brings 9 years of experience in planning, design, and management of roadway, multimodal, and LPA projects. His LPA experience includes pavement preservation with ADA improvement projects, sidewalk and intersection projects, parking lot projects, and complete street projects with bike, pedestrian, parking and transit accommodations. He is well-versed in the federal design standards and the latest NACTO policies.

Travis Landry P.E., Project Manager / Highway Engineer – Travis will assist with Gorrill Palmer's transportation design development, project management, and construction inspection services. He brings 8 years of experience in the design, management, and inspection of LPA roadways, intersections, traffic signals, and pedestrian and bicycle improvement projects. His experience includes intersection and traffic signal projects, complete street projects, bike and pedestrian projects, and transit accommodation projects.

William Ashford P.E., Project Manager / Sr. Bridge Engineer—Bill works for Kleinfelder and has over 35 years of experience as a project manager, construction engineer, inspector, and QA/QC with LPA bridge and roadway projects and State Bridge Aid projects. He is an NH-licensed PE and is certified in LPA work. He has either performed and/or managed engineering and construction phase services for municipal transportation projects, including coordinating environmental, right-of-way, and public involvement.

Keith Wood P.E., Project Manager / Lead Bridge Engineer – Keith works for Kleinfelder and has over 20 years of experience in bridge design. He has successfully completed a variety of bridge projects, including short, medium, and long spans, simple and multi-span, along with bridge rehabilitation and replacement, evaluation/engineering studies, multi-use trails, pedestrian bridges, bridge approaches, highway reconstruction, and construction support service projects. In addition, he has led numerous LRFR Bridge Rating assignments and performs refined analysis and finite element modeling. He is NHDOT LPA certified and has direct NHDOT LPA project experience, most recently, the Oak Street Bridge and Sand Hill Road Bridge in Newport.



Subconsultants

In addition to the Kleinfelder teaming to provide bridge design support services, we have teamed with the following firms and service lines:

Haley Aldrich – Erin Force is a geotechnical engineer with over 25 years of experience working on projects throughout the northeast, including NHDOT projects.

Normandeau Associates—Joel Detty manages their Inland Water group, which includes wetlands, water resources, and terrestrial services, and Bill McCloy will be the wetlands team leader for this assignment.

Doucet Survey – Matt Fagginger-Auer and Steve Michaud have intimate knowledge of NHDOT requirements and will lead topographic survey and Right-of-Way (ROW) services.

Team Table – Highway & Bridge Design Experience for LPA Projects

KEY PERSONNEL & ROLE	YEARS OF EXPERIENCE	YEARS WITH FIRM	NHLPA CERTIFIED	MAINE LPA CERTIFIED	PROJECT MANAGEMENT	HIGHWAY DESIGN	BRIDGE DESIGN	BICYCLE & PEDESTRIAN DESIGN	PARKING FACILITY DESIGN	ALTERNATIVE PROCUREMENT METHODS	CORRIDOR STUDY PLANNING	CONSTRUCTION INSPECTION	DRAINAGE DESIGN	ENVIRONMENTAL	GEOTECHNICAL DESIGN	SURVEY & RIGHT-OF-WAY	PUBLIC INVOLVEMENT
GORRILL PALMER																	
Don Ettinger, Principal	30	12	●	●	●	●		●	●	●	●		●				●
Randy Dunton, Sr. Traffic Eng.	33	18	●	●	●			●	●	●	●						●
Brandon Havu, Project Mgr.	14	9		●	●	●		●	●	●			●				●
Jared Winchenbach, Proj Mgr.	9	9		●	●	●		●	●		●	●	●				●
Travis Landry, Project Manager	8	8		●	●	●		●	●			●	●				●
Trey Warren, Highway Eng.	6	6		●		●		●	●				●				
Matt Richard, Highway Eng.	9	7				●		●	●			●	●				
SUBCONSULTANTS																	
Arthur Bonney, Highway Eng. ¹	20	3			●	●				●	●						●
William Ashford, Project Mgr. ¹	36	3	●		●	●	●			●							●
Keith Wood, Bridge Engineer ¹	24	19	●		●		●			●							●
Amy Floren, Bridge Engineer ¹	29	3			●		●										
Marcia Kelly, Bridge Engineer ¹	41	3			●		●										
Erin Force, Geotechnical Eng. ²	26	26													●		
Joel Detty, Soil Scientist ³	-	-												●			
Bill McCloy, Soil Scientist ³	19	15												●			
Matt Fagginger-Auer, Survey. ⁴	25	24														●	
Steve Michaud, Surveyor ⁴	29	27														●	

KEY – 1: Kleinfelder | 2: Haley Aldrich | 3: Normandeau | 4: Doucet Survey



References

Matt Hill, P.E.

Title: City Engineer & Public Works Director

Client: City of Sanford, ME

Address: 156 School Street, Sanford, ME 04073

Email: mehill@sanfordmaine.org

Phone: (207) 324-9135

City Related Projects:

- Main Street Sidewalk & Pavement Preservation (MPI)
- River St Improvements (MPI)
- High Street Improvements (MPI)
- Emerson Street Park & Ride Facility (LPA)
- William Oscar Emery & Riverside Improvements (LPA)
- Westside Village Improvements

Kris Bennett, P.E.

Title: City Engineer

Client: City of Auburn, ME

Address: 60 Court Street, Auburn, ME 04210

Email: kbennett@auburnmaine.gov

Phone: (207) 333-6601 x1134

City Related Projects:

- Mt Auburn Ave Improvements (MPI)
- Hotel Road Improvements (LPA)
- Park Ave Improvements (LPA)
- Mellow Road Improvements
- Mill, Main, and Broad Street Improvements (LPA)
- Minot Ave Improvements
- Turner Street Improvements (LPA)

Jeffrey Beaulé, P.E.

Title: City Engineer & Manager of Engineering

Client: City of Lewiston, ME

Address: 103 Adams Ave, Lewiston, ME 04240

Email: JBEAULE@lewistonmaine.gov

Phone: (207) 513-3077

City Related Projects:

- Main Street Improvements (LPA)
- East Ave Improvements (LPA)
- Sabattus & Main Street Improvements (LPA)
- River Street Improvements (LPA)
- Stetson Road Improvements (LPA)
- Central & Vale Street Improvements (LPA)
- Five Corners Improvements (LPA)



Appendix – Resumes

Randy Dunton, P.E., PTOE – Project Manager



Years Experience:
33

Education

B.S., Civil Engineering, Univ. of Maine - Orono, 1991

Registration

Professional Engineer – NH (#14676), ME
Professional Traffic Operations Engineer

Certification

ISMA – Traffic Signal Construction Tech. II; Traffic Signal Field Tech. II; Traffic Signal Design/Eng Tech. II

Randy is a project manager at Gorrill Palmer (LJB) and manages the Transportation Planning Group. Randy has over 30 years of experience in traffic and transportation engineering. He has worked for both the private sector as well as with the MaineDOT as the Region Traffic Engineer for the southern region of the state. His design and project management experience includes traffic signal design, traffic permitting, intersection and corridor designs, feasibility studies, traffic calming design, safety evaluations and analysis, traffic modeling and analysis, and peer reviews. His experience also includes roundabout design. He is a licensed professional engineer in both New Hampshire and Maine, a certified Professional Traffic Operations Engineer (PTOE), and has numerous IMSA certifications.

Relevant Experience

- Franklin Street & Marginal Way Improvements (LPA) – Portland, ME
- Congress Street Signal Improvements (LPA) – Portland, ME
- Broadway Improvements (LPA) – Bangor, ME
- Route 4 Traffic & Safety Study – Berwick, ME
- Route 236 Corridor Study – Kittery and Eliot, ME
- Minot Ave, High St & Main St Intersection Improvements – Auburn, ME
- Traffic Signal Improvements – Sabattus, Rockport & Lebanon, ME
- Main Street Feasibility Study – Dover-Foxcroft, ME
- Smyrna Street Signal Improvements – Houlton, ME
- Route 236/91 Intersection Improvements – South Berwick, ME
- Franklin Street Improvements – Portland, ME

Don Ettinger, P.E. – Principal-in-Charge/Project Manager



Years Experience:
30

Education

B.S., Civil Engineering, University of Maine, 1994

Registration

Professional Engineer – NH (#15666), ME

Certification

New Hampshire LPA Certified
MaineDOT LPA Certified

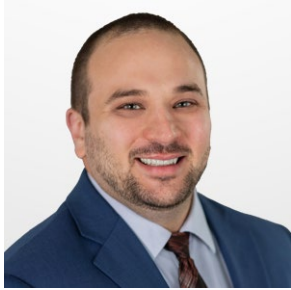
Don is the Transportation Operations Leader for New England at Gorrill Palmer (LJB) and leads the firm's transportation practice in Maine. Don has 30 years of experience in transportation engineering. His experience includes planning and design for roadways, intersections, pedestrian and bicycle facilities, and rail, transit, and bridge projects. He has worked on MaineDOT projects for the highway, bridge, and multimodal programs for most of his career. He has also worked on many transportation planning and feasibility studies for communities throughout Maine. He has a thorough understanding of the Department's project development process as well as the latest policies and design guidelines. In addition to working directly on MaineDOT assignments, Don is LPA certified and works with many municipalities on state transportation projects as well as MPI projects.

Relevant Experience

- Broadway Improvements (LPA) – Bangor, ME
- Congress Street Signal Improvements (LPA) – Portland, ME
- Mill, Main and Broad Street Improvements (LPA) – Auburn, ME
- Oak Grove Ave & Judkins Ave Sidewalk Improvements (LPA) – Bath, ME
- Hotel Road Improvements (LPA) – Auburn, ME
- West Commercial Street Improvements (LPA) – Portland, ME
- Cedar St Parking Lot & Sidewalk Improvements (LPA) – Brunswick, ME
- Ocean Park Road Feasibility Studies – Old Orchard Beach, Maine
- Route 1 Rehabilitation – Van Buren, ME
- Dover Bridge Replacement – Dover-Foxcroft, ME



Brandon Havu, P.E. – Project Manager/Senior Highway Engineer



Years Experience:
14

Education
B.S., Civil Engineering,
University of Maine, 2010

Registration
Professional Engineer – ME

Certification
MaineDOT LPA Certified

Brandon is a project manager at Gorrill Palmer (LJB) in the Transportation Engineering Group. Brandon has over 14 years of experience in the design and management of transportation infrastructure improvement projects, including roadway reconstruction, rehabilitation, and restoration; bridge approaches; intersection geometric and safety improvements; roundabouts/traffic circles; traffic signals; highway interchanges; tolling facilities; complete streets; and shared use pathways. Brandon has experience leading design projects with MaineDOT and municipalities working with DOT through partnerships such as the LPA program. From his diverse project background and experience, Brandon has developed a great understanding of MaineDOT's project development process, design standards, practices & procedures, plan development & CAD standards (MicroStation/InRoads), and utility and environmental coordination.

Relevant Experience

- 5 Corners Intersection Improvements (LPA) – Lewiston, ME
- Main Street Mid-Block Crossing (LPA) – Lewiston, ME
- Lisbon St Intersection Improvements Projects (LPA) – Lewiston, ME
- Stetson Road Improvements (LPA) – Lewiston, ME
- River Road Improvements (LPA) – Lewiston, ME
- West Commercial Street Improvements (LPA) – Portland, ME
- Route 196, Topsham Bypass Widening – Topsham, ME
- Industrial Park Road Sidewalk – Saco, ME
- Loveitt Bridge Rehabilitation/Replacement – Windham, ME
- Traffic Signal Improvements – Sabattus, Rockport & Lebanon, ME
- C.P.R. Bridge Replacement, Route 6/15 – Sapling Township, ME

Jared Winchenbach, P.E. – Project Manager/Senior Highway Engineer



Years Experience:
9

Education
B.S., Civil Engineering,
University of Maine, 2015

Registration
Professional Engineer – ME

Certification
MaineDOT LPA Certified

Jared is a project manager at Gorrill Palmer (LJB) within the firm's Transportation Engineering Group. Jared has over 9 years of experience in transportation engineering design, drafting, and plan production. His project experience includes roadway reconstruction and rehabilitation, downtown and urban street planning studies, pedestrian and bicycle facilities, intersection geometric and safety improvements, roundabout/traffic circle and performance checks, traffic calming, traffic signal upgrades, rail with trail projects, and on-site inspection and management duties associated with being a resident engineer. Jared has managed a diverse range of projects encompassing all of MaineDOT's roadway classifications and corridors. Due to this variety, Jared is well-versed in MaineDOT's project development process, current design standards, policies, and procedures. Jared is LPA-certified and works with many municipalities on state-funded projects.

Relevant Experience

- Cedar St Parking Facility Ped Improvements (LPA) – Brunswick, ME
- Mtn Division Trail Improvements (LPA) – Windham & Westbrook, ME
- Allagash Drive Pathway, Brunswick Landing (LPA) – Brunswick, ME
- Leeman Highway (Route 1) Pedestrian Improvements (LPA) – Bath, ME
- Broadway Improvements (LPA) – Bangor, ME
- Hotel Road Improvements (LPA) – Auburn, ME
- Old County Road North Sidewalk Improvements – Enfield, ME
- Mount Auburn Avenue Reconstruction – Auburn, ME
- Main Street Feasibility Study – Dover-Foxcroft, ME



Travis Landry, P.E. – Highway Engineer/Project Manager



Years Experience:
8

Education
B.S., Civil Engineering,
University of Maine, 2016

Registration
Professional Engineer – ME

Certification
MaineDOT LPA Certified

Travis is a project manager at Gorrill Palmer (LJB) in the firm's Transportation Engineering Group. Travis has over 8 years of experience in transportation engineering design, drafting, plan production, and project management. His project experience includes roadway reconstruction and rehabilitation, drainage design, bridge approach design, intersection geometric and safety improvements, pedestrian and bicycle facilities, traffic calming, signal improvements, and construction inspection. Travis has experience leading design projects and is familiar with the Department's project development process, design standards, policies and procedures, utility, and environmental coordination. He is proficient with MicroStation drafting and is also familiar with plan development in accordance with MaineDOT's standards. Travis also attended MaineDOT's Habitat Connectivity Training for large culvert design and is Local Project Administration (LPA) certified.

Relevant Experience

- Mill, Main and Broad Street Improvements (LPA) – Auburn, ME
- Route 9 Rehabilitation – Berwick, ME
- Perley Brook Bridge Replacement – Fort Kent, ME
- Main Street Improvements – Lewiston, ME
- Route 115 Large Culvert Replacement – North Yarmouth, ME
- Saco Island Multimodal Bridge Concept Plan – Saco, ME
- Turner Street Safety Project – Auburn, ME
- High Street and Greene Street Drainage Improvements – Sabattus, ME
- Fort Kent Signal Improvement Route 1/161 – Fort Kent, ME
- Sabattus & Main Street Improvements – Lewiston, ME
- Main Street and School Street Sidewalk Improvements – Washburn, ME
- Fort Kent Signal Improvement Route 1/11 – Fort Kent, ME

Trey Warren, P.E. – Highway Engineer



Years Experience:
6

Education
B.S., Civil Engineering,
University of Maine, 2017

Registration
Professional Engineer – ME

Certification
MaineDOT LPA Certified

Trey is a project engineer at Gorrill Palmer (LJB) in the firm's Transportation Engineering Group. Trey has over 6 years of experience in transportation engineering design, drafting, and plan production. His experience includes large culverts, roadway rehabilitation and reconstruction, traffic calming, planning studies, pedestrian and bicycle facilities, intersection geometric and safety improvements, bridge approach design, and traffic signal upgrades. Trey is proficient in MaineDOT's project development process, current design standards, policies and procedures, and utility and environmental coordination. Trey is also proficient in MicroStation, InRoads, and plan production in accordance with the Department's standards and has a growing knowledge and skill with OpenRoads.

Relevant Experience

- Leeman Highway (Route 1) Pedestrian Improvements (LPA) – Bath, ME
- Mtn Division Trail Improvements (LPA) – Windham & Westbrook, ME
- West Commercial Street Improvements (LPA) – Portland, ME
- Rte. 235/Old Augusta Road Intersection Improvements – Warren, ME
- Dover Bridge Replacement – Dover-Foxcroft, ME
- High Street Reconstruction – Sanford, ME
- Old County Road North Sidewalk Improvements – Enfield, ME
- Route 9/Saw Mill Hill Intersection Improvements – Berwick, ME
- Downtown PPI Study – Old Town, ME
- Merrow Road Reconstruction – Auburn, ME



Matt Richard, E.I. – Highway Engineer



Years Experience:
9

Education
B.S., Civil Engineering,
University of Maine, 2015

Registration
Engineering Intern – ME

Certification
NETTCP Paving
Inspector #3698

Matt is a project engineer at Gorrill Palmer (LJB) in the firm's Transportation Engineering Group. Matt has over 6 years of experience in transportation engineering design, drafting, and plan production. His project experience at Gorrill Palmer includes large culverts, roadway rehabilitation and reconstruction, planning studies, pedestrian and bicycle facilities, intersection geometric and safety improvements, and traffic signal upgrades. While at Gorrill Palmer, he has also spent time as a Class II Inspector for the MaineDOT. Matt is proficient in MaineDOT's project development process, current design standards, policies and procedures, and utility and environmental coordination. He is also proficient with MicroStation drafting and plan/CAD development in accordance with the latest Department's standards. Prior to joining Gorrill Palmer, he was an associate engineer at Lane Construction and gained experience in its Quality Control, Estimating & Bidding, Projects, and Survey departments.

Relevant Experience

- Lisbon St. Intersection Improvements Projects (LPAs) – Lewiston, ME
- Cedar St. Parking Facility Pedestrian Improvements (LPA) – Brunswick, ME
- Allagash Drive Pathway, Brunswick Landing (LPA) – Brunswick, ME
- Broadway Improvements (LPA) – Bangor, ME
- Franklin Street & Marginal Way Improvements (LPA) – Portland, ME
- Route 196, Topsham Bypass Widening – Topsham, ME
- Route 1 Reconstruction/Rehabilitation – Milbridge & Cherryfield, ME
- Rte 11, Rte 121 & Rte 124 Signal & ADA Improvements – Mechanic Falls, ME
- Dover Bridge Replacement – Dover-Foxcroft, ME
- North Windham Moves Study – Windham, ME
- River Street Reconstruction – Sanford, ME

William Ashford, P.E. – Senior Bridge Engineer/Project Manager



Years Experience:
36

Education
B.S., Civil Engineering,
University of New
Hampshire, 1989

Registration
Professional Engineer –
NH (#9777)

Certification
New Hampshire LPA Certified
MaineDOT LPA Certified

Mr. Ashford has over 35 years of experience in Construction Engineering and Inspection, Program and Project management, and Quality Assurance/Quality Control in New Hampshire and throughout New England. His diverse portfolio of projects includes large-scale, multifaceted transportation projects requiring the oversight of numerous consultants, contractors, and concurrent tasks on fast-track schedules. He has overseen teams of design and construction engineers and inspectors and has managed several on-call design contracts with the New Hampshire Department of Transportation (NHDOT). Mr. Ashford possesses strong leadership and management skills needed for budgeting, scheduling, and implementation. He develops and maintains client relationships to achieve and exceed the goals and expectations of the client with project deliverables. Mr. Ashford joined Kleinfelder in January 2022 as a Senior Project Manager and QA/QC Manager.

Relevant Experience

- Henry Law Avenue & River Street Reconstruction – City of Dover, NH
- Sand Hill Road Bridge – Town of Newport, NH
- Quality Assurance/Quality Control Assurance – MassDOT
- Statewide Bridge Scour Plans of Action – Statewide, NH
- F.E. Everett Turnpike – Bedford/Merrimack/Nashua, NH
- NHDOT On-Call Design Contracts – Statewide, NH



Keith Wood, P.E. – Senior Bridge Engineer/Project Manager



Years Experience:
24

Education
M.S. & B.S., Civil
Engineering, Univ. of Maine
- Orono, 2000 & 1998

Registration
Professional Engineer –
NH (#14198)

Certification
New Hampshire LPA Certified
MaineDOT LPA Certified
OSHA 10

Mr. Wood has over 20 years of experience designing and managing transportation infrastructure projects in the Northeast. As Lead Bridge Engineer and Project Manager, Mr. Wood has guided projects from preliminary design through final design and PS&E. He has also provided construction oversight and construction engineering services for major bridge projects. His breadth of experience with bridge design includes short, medium, and long, simple, and multi-span bridge rehabilitation and replacement projects, which includes full replacements, deck replacements, wearing surface replacements, and rehabilitations. He has also completed bridge evaluation studies, bridge load ratings, multi-use trails, pedestrian bridges, and highway reconstruction projects. Mr. Wood provided the preliminary and final design for the Whittier Street Bridge replacement in Dover, an NH Municipally Managed Bridge Aid Program project.

Relevant Experience

- NH Route 101 over Pulpit Brook, NHDOT – Bedford, NH
- Oak St. & Sand Hill Bridge Replacements – Town of Newport, NH
- Whittier Street Bridge Replacement – City of Dover, NH
- Main Street Bridge Replacement – City of Keene, NH
- Brewer Riverwalk Trail, MaineDOT – Brewer, ME
- Bridge Load Ratings, MaineDOT – Statewide, ME

Amy Floren, P.E. – Senior Bridge Engineer/Project Manager



Years Experience:
29

Education
M.S., Civil Engineering, Illinois
Institute of Technology, 1999
B.S., Civil Engineering, State
Univ. of NY - Buffalo, 1994

Registration
Professional Engineer –
NH (#15142)

Certification
Safety Inspection of In-
Service Bridges, NBIS

Ms. Floren is a Senior Bridge Engineer with 29 years of experience. Her background includes the design, inspection, and ratings of bridges in Maine, New Jersey, West Virginia, Illinois, Georgia, and Utah. She has been involved in all project aspects, including inspection, construction, load ratings, and design of pedestrian, trail, rail, and highway transportation bridge projects. Ms. Floren has designed externally post-tensioned strengthening of existing steel girders for a fracture-critical bridge in Maine, as well as internally post-tensioned pier caps for bridges in several states. She provided quality control of prestressed concrete beam bridge plans and calculations, ensuring the release of plans on schedule for design-build and accelerated bridge construction projects in Utah. Ms. Floren has volunteered with Bridges to Prosperity on the construction of footbridges in Peru and East Timor and has assisted the organization Engineers in Action university teams' footbridge design projects in Bolivia.

Relevant Experience

- Mill Hill Bridge, MaineDOT – Deer-Isle Stonington, ME
- Route 7 over Des Plaines River – Lockport, IL
- York River Bridge, Maine Turnpike Authority – York, ME
- Androscoggin River Overpass, Maine Turnpike Authority – Auburn-Lewiston, ME



Appendix – Projects

Franklin Street Corridor Improvements – Portland, ME

Firm: Gorrill Palmer

Client: MaineDOT & City of Portland

Relevant Services:

- Roadway & intersection design
 - Transportation planning
- Traffic research/engineering
 - Roundabout layout
 - Multimodal design.
- Public involvement process

Gorrill Palmer provided a corridor planning study and preliminary (25%) design development for the complete street transformation of the Franklin Street arterial in Portland. The design provides a better balance by serving all modes of transportation. The design included geometric improvements for several major/minor intersections (including a single-lane roundabout), I-295 ramp modifications, sidewalk and ADA accommodations, bicycle lanes/multi-use paths, and other related features.



Route 4/17 Highway Reconstruction – Jay, ME

Firm: Gorrill Palmer

Client: MaineDOT

Relevant Services:

- Roadway design/engineering
 - Intersection design.
 - Multimodal design.
- Geotechnical design & coord.
 - Public involvement process

Gorrill Palmer provided preliminary and final design development for 1.25 miles of highway reconstruction on Route 4/17 in Jay. The design includes roadway alignments, superelevation, intersection reconfiguration and improvements, open/closed drainage, sidewalks and ADA improvements, guardrail/roadside safety, signing/stripping, entrances, and other related highway features. This project also included the design of retaining walls along the roadway and adjacent entrances.



Hotel Road Improvements – Auburn, ME

Firm: Gorrill Palmer

Client: City of Auburn, ME

Relevant Services:

- Roadway & intersection design
 - Multimodal design.
- Local project administration
 - Environ. coord/permitting
- Public involvement process

Gorrill Palmer provided preliminary and final design and construction inspection services for this MaineDOT LPA project on Hotel Road in Auburn. This roadway improvement design included roadway and intersection alignments, superelevation, open and closed drainage, entrances, and other related roadway features. The project also included environmental coordination/ permitting and utility coordination.



Recreation Trail – The Forks & West Forks, ME

Firm: Gorrill Palmer

Client: MaineDOT

Relevant Services:

- Trail design
- Multi-use path design
 - Multimodal design.
 - Drainage design
- Parking facility design

Gorrill Palmer provided design services for approximately 6 miles of recreational trail in the Forks and West Forks. This trail generally runs parallel and adjacent to the Kennebec River in the Forks and along the Dead River in West Forks, providing a great biking and walking experience in one of the most scenic locations in Maine. Services provided include multi-use path design, drainage design, and parking facility design.



Memorial Traffic Circle Improvements – Kittery, ME

Firm: Gorrill Palmer

Client: Town of Kittery, ME

Relevant Services:

- Roadway & intersection design
 - Roundabout/traffic circle
 - Multimodal design.
- Local project administration
 - Right-of-way mapping

Gorrill Palmer provided preliminary and final design development for this operational and safety improvements project at the Memorial Traffic Circle. Following the MaineDOT LPA process, this design included reconfiguration and alignment of approach roadways and splitter islands, truck aprons, bicycle lanes, multi-use pathways, open and closed drainage, access management, signing and stripping, entrances, and other related roadway features.



Hampshire Street Improvements – Auburn, ME

Firm: Gorrill Palmer

Client: City of Auburn, ME

Relevant Services:

- Roadway design/engineering
 - Intersection design.
 - Multimodal design.
 - Traffic analysis
- Transit accommodations
 - Utility coordination
- Public involvement process

Gorrill Palmer provided Preliminary and Final Design services for the reconstruction of Hampshire Street in Auburn. This reconstruction project featured a Complete Street transformation of the Hampshire Street corridor, providing improvements to the roadway structure and travel lanes while also implementing curb extensions, on-street parking, and sidewalks along both sides of the road. This project also included transit accommodations, lighting, landscaping, utility coordination, and Right-of-Way mapping.



Webster Avenue Multi-Use Path – Bangor, ME

Firm: Gorrill Palmer

Client: MaineDOT

Relevant Services:

- Roadway design/engineering
 - Trail design
- Multi-use path design
 - Interstate design
- Traffic control & detour design
 - Utility design

Gorrill Palmer provided Preliminary and Final design services associated with the roadway, multi-trail, and utility improvements associated with this bridge replacement project in Bangor. Services provided include roadway improvements to I-395, trail improvements to Webster Avenue, and replacement of the existing sewer main within the project limits.

Gorrill Palmer provided additional design efforts for the development of detour plans for I-395, I-95, and other approach roadways to facilitate the shutdown of I-395 during construction.



Road Reconstruction, Fairview, and Belmont Avenues – Randolph, ME

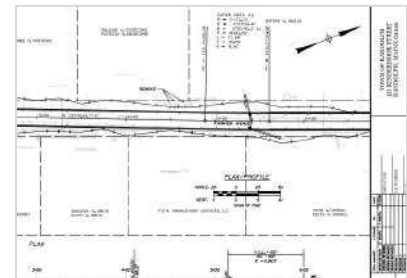
Firm: Kleinfelder

Client: Town of Randolph, ME

Relevant Services:

- Highway engineering
- Drainage/stormwater mgmt.
 - Utility coordination
 - Public Involvement
- Right-of-way assistance
- Environmental permitting
 - Contract documents
 - Bidding assistance
- Construction inspection

Kleinfelder is providing the Town of Randolph with design, environmental, and construction administration services for the reconstruction of two residential roads. Fairview Avenue will include 1,650' of reconstruction, and Belmont Avenue will include 2,750' of reconstruction. Design services include preliminary and final design through to PS&E and bid documents for road reconstruction, sidewalk reconstruction, and closed drainage. Our team will work closely together to minimize potential impacts to nearby wetlands and streams.



Castle Hill Road Arch Culvert Replacement – Windham, NH

Firm: Kleinfelder

Client:
Town of Windham, NH

Relevant Services:

- Bridge & roadway design
- Hydrology & hydraulics analysis
- Drainage/stormwater mgmt.
 - Geotechnical engineering
 - Public Involvement
- Right-of-way assistance
- Environmental permitting
 - Cultural Resources
 - Contract document
 - Bidding assistance
- Construction administration

Kleinfelder has provided the Town of Windham with preliminary and final design and construction phase services for replacing the CMP culvert with concrete headwalls on Castle Hill Road over the East Channel of Beaver Brook. This NHDOT Municipal Bridge Aid Project will result in replacing the CMP culvert with a 24' rigid frame bridge. The project included coordination with state and local environmental regulations.



Replacement of Oak Street Bridge over the Sugar River – Newport, NH

Firm: Kleinfelder

Client: Town of Newport, NH

Relevant Services:

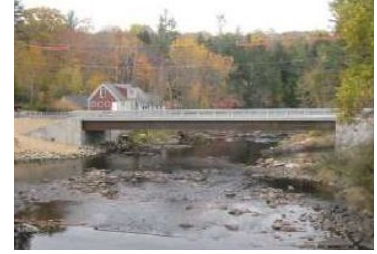
- Bridge & roadway design
- Hydrology & hydraulics analysis
- Drainage/stormwater mgmt.
 - Subsurface investigation & geotechnical engineering
 - Utility coordination
 - Public Involvement
 - Right-of-way assistance
 - Environmental permitting
 - Cultural Resources
 - Contract document
 - Bidding assistance
- Construction administration

Kleinfelder provided design and construction phase engineering services for the replacement of a 1937 historic truss bridge.

This project included federal funding through the Federal Municipal Off-System Bridge Program (MOBRR). The Kleinfelder bridge team presented the Town with 3 alternatives for rehabilitation of the existing truss and two complete replacement alternatives, and after several public meetings and Section 106 historic consultation, the proposed solution was a replacement with a new 118' clear span steel girder bridge with composite reinforced concrete deck on new concrete abutments. Advantages:

- New structure with 75-year minimum design life
- Meets minimum hydraulic opening requirements
- Improvement of NHDES Stream Crossing Guideline compliance
- Improved site distance
- Very low maintenance and life cycle costs

The Kleinfelder team worked diligently with NHDHR, NHDOT, FHWA, the Town, and other project stakeholders to expedite the Section 106 historic consultation process and the environmental process to gain the necessary support and approvals for NEPA compliance so that the project proceeded to final design and was ready for advertisement in early 2018. As part of the final design effort, Kleinfelder secured the necessary permits from NHDES and worked with the Town to obtain the easements and utility relocations prior to advertising the project. This bridge aid project was federally funded and therefore required near full-time construction observation and increased construction administration efforts by the Kleinfelder team.



Sand Hill Road Bridge Replacement – Newport, NH

Firm: Kleinfelder

Client:
Town of Newport, NH

Relevant Services:

- Bridge design/structural engineering
 - Roadway design
- Subsurface investigation/geotechnical engineering
 - Hydraulics & Hydrology
- Environmental permitting
 - Cultural Resources
- Contract development
 - Bidding assistance
 - Construction phase engineering

Kleinfelder was the prime consultant for preliminary and final design plans, specifications, and estimates for the bridge replacement project located on Sand Hill Road over Long Pond Brook. The project scope included bridge replacement, widening of the roadway to 22' - 0", upgrade of the bridge railing and roadway guardrails. The goal was to match the horizontal alignment to the greatest extent possible while moving the roadway centerline upstream as necessary to minimize impacts to the ditch and stonewall along the downstream side of the north approach.

The proposed structure consists of a 34' span Butted Precast Concrete Deck Beam superstructure founded on a spread footing substructure. This replacement alternative has a slightly higher cost in terms of upfront construction costs, but it has many construction advantages, especially under a tight construction schedule (temporary emergency repairs/shoring of the superstructure was done in January of 2021), is lower maintenance with minimal lifecycle costs and has a minimum 75-year service life making it a better long-term solution. To expedite construction, the road was closed during construction, and traffic was detoured on local roads.



Replacement of Peaslee Road Bridge over Piscataquog River – Weare, NH

Firm: Kleinfelder

Client: Town of Weare, NH

Relevant Services:

- Bridge & roadway design
- Hydrology & hydraulics analysis
- Drainage/stormwater mgmt.
 - Subsurface investigation & geotechnical engineering
 - Utility coordination
 - Public Involvement
 - Right-of-way assistance
 - Environmental permitting
 - Cultural Resources
 - Contract document
 - Bidding assistance
- Construction administration

Kleinfelder provided complete design and construction phase services for the replacement of the Peaslee Road Bridge for the Town of Weare as part of the NH State Bridge Aid Program. The completed bridge is a 96' single-span weathering steel plate girder structure with a composite concrete deck with new concrete abutments and wing walls supported on spread footings.



The original structure was a historic one-lane steel girder structure with a single span of about 61'. Flooding had caused erosion damage to the roadway approaches and cut off access for the property owners on the east side of the river until the water subsided and repairs were completed. To reduce flood risks, the new structure was designed to accommodate the 100-year storm event, which required a substantial increase in span as well as a significant raising of the bridge and roadway approaches.

Since this bridge is located on a dead-end road, a temporary bridge was used to maintain access to all properties during construction. Kleinfelder worked closely with the Town to obtain easements from property owners affected by the temporary bridge and the widening and realignment of the permanent roadway.

During construction, Kleinfelder was instrumental in providing QA for the cast-in-place concrete substructures to ensure the durable concrete used. The final construction cost was 2.5% under the original bid amount of about \$925,000.

Brewer Riverwalk Trail, Phase II – Brewer, ME

Firm: Kleinfelder

Client: MaineDOT

Relevant Services:

- Trail design
- Structural design
- Drainage design & stormwater management
 - Utility coordination & relocation
 - Public Involvement
- Right-of-way assistance
 - Cultural Resources
 - Contract document development
 - Bidding assistance
- Construction inspection

Kleinfelder provided preliminary and final design and cultural resources compliance for the Riverwalk Trail Phase II project, located along the Penobscot River in Brewer. Kleinfelder worked closely with MaineDOT and Brewer's City Engineer and Planner to finalize plans and design a safe and creative alternative that avoided crossing the heavily traveled intersection of Main and Wilson Streets. Kleinfelder designed a tunnel through the curtain wall of the abutment of the Joshua Chamberlain Bridge and maintained the trail along the riverfront to avoid this busy intersection. Kleinfelder oversaw right-of-way mapping, geotechnical engineering and electrical design for the trail lighting, security system, and public Wi-Fi.



The design also avoided impacts on Brewer's Veterans Park and eliminated a costly trail switchback structure. The design at this location also improved a large apartment complex parking area by locating the trail to the westerly border of the property. A new retaining wall replaced a deteriorated one and provided the trail with greater width and a green esplanade along the street. Through the redesign of sidewalks, improved parking, lighting replacement, and improved business access as part of the trail design, the Center St. downtown area is now a more inviting area for existing and new businesses. Safety improvements were made by updating all the crossings to gain access downtown and provide ADA access. Finally, Kleinfelder worked closely with the City of Brewer to provide low-cost but attractive landscaping with cedar post fencing and hardy drought-resistant plants.

This project received a 2019-2020 Engineering Excellence Award from the ACEC of Maine for Engineering for Civic Value.



Sand Hill Road Bridge Replacement – Newport, NH

Firm: Kleinfelder

Client: Town of Newport, NH

Relevant Services:

- Bridge design/structural engineering
 - Roadway design
- Subsurface investigation/geotechnical engineering
 - Hydraulics & Hydrology
- Environmental permitting
 - Cultural Resources
- Contract development
 - Bidding assistance
- Construction phase engineering

Kleinfelder was the prime consultant for preliminary and final design plans, specifications, and estimates (PS&E) for the bridge replacement project located on Sand Hill Road over Long Pond Brook. The project scope included bridge replacement, widening of the roadway to 22'-0", upgrade of the bridge railing and roadway guardrails. The goal was to match the horizontal alignment to the greatest extent possible while moving the roadway centerline upstream as necessary to minimize impacts to the ditch and stonewall along the downstream side of the north approach.



The proposed structure consists of a 34' span Butted Precast Concrete Deck Beam superstructure founded on a spread footing substructure. This replacement alternative has a slightly higher cost in terms of upfront construction costs, but it has many construction advantages, especially under a tight construction schedule (temporary emergency repairs/shoring of the superstructure was done in January of 2021), is lower maintenance with minimal lifecycle costs and has a minimum 75-year service life making it a better long-term solution. To expedite construction, the road was closed during construction, and traffic was detoured on local roads.

East Main Street Highway Improvements – Bradford, NH

Firm: Kleinfelder

Client: Town of Bradford, NH

Relevant Services:

- Roadway design
- Drainage design & stormwater management
 - Utility coordination
 - Public Involvement
- Right-of-way assistance
- Environmental permitting
 - Cultural Resources
- Contract document development
 - Bidding assistance
- Construction administration and observation

Kleinfelder was the prime consultant for the design of this highway improvement project, leading preliminary and final design and environmental compliance and construction phase services. The scope of work included improvements to 1,700 feet of roadway on East Main St. in the Town's central district and intersections with Routes 114 and 103.



Kleinfelder's design provided a consistent roadway and ADA compliant sidewalks and improved roadway geometry with no land takings or permanent easements. The addition of sidewalks and paved shoulders provided new alternatives for non-motorized transportation and improved access and safety. The roadway profile and cross slopes were developed through an iterative process that reduced the overall construction impact and reduced the volume of earthwork. The project area included several National Register-eligible properties, which required additional consultation to avoid impacts while maintaining the project budget. The project was funded with Transportation Enhancement (TE) funds, a precursor to the TAP program. Kleinfelder provided full-time construction inspection, acted as a stakeholder liaison, and coordinated directly with local business owners and abutters to resolve any issues affecting their properties.