

*Request for Qualifications
for*

YORK VILLAGE MASTER PLAN DESIGN & CONSTRUCTION DOCUMENTATION

York, Maine

March 28, 2014

Statement of Qualifications

Submitted By:

**M
&A** Mitchell & Associates
Landscape Architects
Portland, Maine 207.774.4427

TYLININTERNATIONAL

RANSOM
Consulting
Engineers
and Scientists



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March 28, 2014

Ms. Christine Grimando, Town Planner
Town of York
186 York Street
York, Maine 03909

**RE: Request for Qualifications
York Village Master plan, Design,
& Construction Documentation**

Dear Christine:

It is with great pleasure that Mitchell & Associates, in association with Ransom Consulting Engineers and Scientists, TY Lin International and James Verra & Associates, provides the Town of York, the York Village Study Committee and community stakeholders with the following Statement of Qualifications. Our team looks forward to learning more about this significant project. We are excited to share with you our collective experience on similar projects and discuss how our team can help the Town of York bring forth a successful solution, restoring community to the village center.

The effort undertaken thus far by the town and the Village Study Committee presents information highlighting the importance of the village center to the York community. The work outlines a need for a solution which addresses modern society needs without diminishing the historic significance and sense of place imperative to the identity of small Maine towns. In addition to a sound engineering solution, this project requires a sensitive design solution that exhibits qualities that reinforce the historic character of the village, support the business stakeholders and achieves a safe and enhanced pedestrian experience.

Our Team, working closely with the Village Study Committee, will advance the goals and objectives and refine the design concepts developed thus far. Our experienced team will work efficiently and effectively to achieve an outstanding village center.

General Qualifications of Team

Mitchell & Associates, a landscape architecture and land planning firm located in Portland will serve as the lead consultant and point of contact for the project. Founded in 1975 by John Mitchell, Mitchell & Associates has provided services to numerous communities to develop master plans, redevelopment plans and enhancement of public spaces. We take pride in our philosophy of working closely with clients and the community on all aspects of a project. Ransom Consulting Engineers will provide civil engineering and geotechnical services associated with utility infrastructure and roadway improvements, TY Lin International will provide services associated with traffic circulation and design requirements, including *Complete Streets* criteria while James Verra and Associates will provide survey services as necessary to undertake development of design and construction documents.

The York Village Master Plan project is an exciting project that will provide a safe, user friendly quality to the village while enhancing the town's historic character. Improvements may provide incentive for business development and encourage residents and visitors to linger in the village center enjoying the bustle of activity. Our Team is looking forward to the opportunity to meet with you and the selection committee to hear more about the project and discuss how we can assist the Town of York in achieving their goals.

Sincerely,
Mitchell & Associates

A handwritten signature in black ink, appearing to read "R. Metcalf", is written over a light gray rectangular background.

Robert B. Metcalf, President
Maine Licensed Landscape Architect

Enclosure

We have assembled a team of qualified professionals prepared to assist the Town of York and the Village Study Committee as they move forward in developing a master plan and construction documents for historic York Village. The extensive groundwork laid by this experienced committee provides an abundance of research and data articulating the historic significance of the site, as well as, community input shaping its future. We look forward to working with the committee helping their vision become reality.

Robert Metcalf, President
Maine Licensed Landscape Architect

Mitchell & Associates a landscape architecture and planning firm located in Portland, Maine will lead the consultant team. Founded in 1975, Mitchell & Associates has 39 years experience working with Maine communities. Our firm has four landscape architects on staff and provides services including:



- Residential Design
- Multi-Family Housing Design
- Subdivision Design
- Site Planning and Design
- Local, State & Federal Permitting
- Educational Facility Design
- Land Use Feasibility and Analysis
- Master Planning
- Commercial Developments
- Urban Planning & Design
- Open Space Planning & Design
- Park, Recreation and Trail Design

Mitchell & Associates will provide urban planning & design expertise drawing on the extensive work we have done with Maine communities. The issues defined within the Village Study Committee's documentation are issues faced by many Maine communities struggling with modernization and the desire to retain a sense of place while understanding the necessity to accommodate vehicle traffic and infrastructure. Lower Village in Kennebunk faced similar challenges of addressing summer vehicle congestion, unsafe pedestrian access and development that diminished the villages unique historic and environmental significance. Mitchell & Associates worked with the Lower Village Committee in Kennebunk to develop concept designs and construction documents to improve pedestrian experience and safety and improve vehicular circulation. Methods to accomplish their goals included establishing wider sidewalks, lighting, furniture, traffic calming measures, and landscaping treatments.

Mitchell & Associates has a reputation for innovative problem solving, creative landscape design and economical solutions to difficult site conditions. We are adept at project organization, respect the value of time, and recognize the volunteer commitment to projects like this. We work efficiently and effectively to maintain deadlines and project goals while providing uncompromising design solutions that are functional, creative and fiscally sound. In addition to our design & organizational skills, Mitchell & Associates brings years of experience engaging the public to achieve solutions that meet the unique needs of a community. We look forward to developing a relationship with the York community.

Thomas A. Errico, PE
Senior Associate and New England Director of Traffic Engineer

Thomas Errico joined T.Y. Lin International as a senior associate and New England traffic engineering director. His background in traffic engineering includes access management, corridor studies, traffic operations studies, pedestrian studies, parking studies, safety evaluations, and traffic impact studies. He has significant experience in designing traffic signals, developing and maintaining traffic plans, and determining intersection and roadway design requirements for highway projects, including auxiliary lanes, bicycle and pedestrian facilities, signing, and traffic control. He has worked extensively with traffic engineering software such as SYNCHRO, SimTraffic, HCS, TRANSYT-7F, PASSER, and CORSIM.

Project experience relevant to this proposal include:

Complete Streets Design Training Initiative, Statewide, MA - UMass Project Manager responsible for the development and delivery of approximately 80 training workshops throughout the state of Massachusetts. The workshops attendees include MassDOT engineers, consultants, and municipal staff.

New Auburn Village Center Study, Auburn, ME – Town of Auburn Project Manager and Lead Traffic Engineer responsible for traffic analysis supporting the transportation and urban design improvements. A key component of the study is the development of a traffic simulation model to assess both one-way and two-way traffic circulation options through this busy village area. The City is struggling with trying to balance the desire to establish a livable village area, while competing with heavy cut-through traffic.

Grant/Funding Application Support- TYLI has provided support in the preparation of funding applications for the PACTS Transportation Improvement Program, the MaineDOT Transportation Enhancement Program, and the Community Development Block Grant Program.



Ransom is a diversified consulting firm with experts devoted to evaluating and solving a wide range of civil and environmental engineering problems in a responsive, comprehensive, and professional manner. Our successes have been the result of “going above and beyond” for our clients. We recognize that, through our commitments to service and professional growth, we distinguish ourselves from our competition.

Since our founding 25 years ago, Ransom has realized steady growth both in professional staff, geographic reach, and service areas. Ransom has grown to almost 70 professionals working out of five regional offices in Maine, New Hampshire, Massachusetts, Rhode Island, and New Jersey. Our largest office located on Commercial Street in Portland, will staff this project. Working from our Commercial Street office in Portland gives us a vested interest in the success of projects in Maine.

Ransom has extensive experience helping Maine communities with trail, sidewalk, road, and streetscape design; federal, state and local permitting, as well as, stormwater, sewer, water and other infrastructure projects. Ransom specializes in urban retrofits that improve mobility for all users and adapt transportation corridors to better serve surrounding land uses. Ransom has completed numerous transportation, streetscape and infrastructure improvement projects for the municipalities of Portland, Bath, York, Brunswick, Yarmouth and Cumberland; infrastructure for the Brunswick Sewer District and Portland Water District; and multiple trail projects in collaboration with Portland Trails.

ROBERT B. METCALF

Landscape Architect • Principal in Charge



EDUCATION

University of Pennsylvania,
Master of Landscape
Architecture

Utah State University
Bachelor of Landscape
Architecture

Northeastern University
Bachelor of Science

PROFESSIONAL REGISTRATION

Maine #1815
New Jersey #569 Inactive
Maine MDOT Local Project
Administration Certification

PUBLIC SERVICE

Kennebunk Planning Board,
Chairman, 1993 – 2013
Board Member 2013-present
Kennebunk CBDG
Façade Improvement Program,
2012 – present
Kennebunk Mobil Station
Re-Use Committee, 2011–
2012
Kennebunk Comprehensive
Plan, 1990 – 1992

THE FOLLOWING ARE RECENT PLANNING PROJECTS LED BY BOB METCALF:

'midtown', Portland, ME/ 2013

Project redevelopment of a vacant urban brownfield lot. Design included development of an interactive urban public street and integration of active public space with the existing 'Bayside Trail'.

Site planning/ Design/Permitting, Construction Doc/CA

Park Danforth, Portland, ME/ 2014

An existing senior housing facility servicing special needs, assisted living, and independent living residences proposes to expand their campus. The expansion involves feasibility studies, zoning changes & site design for the expanded program.

Master Planning/ Site Design/ Permitting

Waterhouse Center Pavilion, Kennebunk, ME/ 2014

Town center ice rink & open air pavilion integrated into recent village center improvements.

Site planning/ Design/Permitting

Oak Street Efficiencies, Portland, ME/ 2011

Affordable housing and artist residence.

Site planning/ Design/ Construction Admin.

Kennebunk Lower Village/ 2012

Downtown streetscape improvements for Lower Village.

Project include initial concept master plan to provide safe pedestrian circulation & connection between Lower Village and Kennebunkport's Dock Square.

Site planning/ Design/ Construction Doc.

645 Congress Street, Portland, ME/ 2011

Urban housing development including streetscape and the inclusion of public open space.

Site planning/ Design/ Construction Administration

Intermed, Portland, ME/ 2008

Office building development including urban streetscape and active pedestrian open space

Site planning/ Design/ Construction Admin.



EDUCATION

B.S., Civil Engineering
University of Maine

Specialized Training:

- Various stormwater hydrology and hydraulics, erosion and sedimentation control, stormwater quality, and project management seminars
- MDOT Local Project Administration (LPA) Certified
- Low-Impact Development (LID) Trained

PROFESSIONAL REGISTRATIONS

- Professional Engineer: Maine, New Hampshire, Vermont

GENERAL BACKGROUND

As Senior Engineer and Project Manager for Ransom Consulting, Stephen Bradstreet is responsible for providing project management and design on municipal and private development projects as well as providing quality control and assurance on all projects within the office. As project manager, Steve is the primary client contact, coordinates project work load and oversees budgets and schedules. As senior engineer, Steve is responsible for providing direction to junior staff, coordinating all manpower needs, business development and general staff supervision.

Steve has over 30 years experience related to municipal, commercial and private development projects. He has served as project manager and design engineer for all aspects of site design including layout, grading and drainage, stormwater management, erosion control, and local and state permitting. In addition to design, he has served as construction administrator on many site projects. Steve's background also includes hydrology and hydraulics experience that is involved with bridge scour analyses.

EXPERIENCE

- **City of Bath, Commercial Street Storm Drain Outfall, Bath, Maine.** Project engineer and construction administrator on a \$1.2 million sewer/storm drain separation project. Responsible for technical review of the design plans, and specifications. Served as the construction administrator and coordinated work with the Maine DOT's Bath-Woolwich Bridge project. The new 72-inch storm drain allows the existing 42-inch storm drain to be utilized as a sanitary sewer and will allow for the elimination of a CSO.
- **Town of York, Short Sands Storm drain Outfall, York, Maine.** Project manager & design engineer for a 900-foot storm drain outfall onto Short Sands Beach. Prepared grant funding request for FEMA funding and received \$1.16 million. Prepared construction plans, specs., environmental permitting and wetland mitigation plans. Provided construction administration.
- **Town of York, FEMA Funding Assistance, York, Maine.** Program manager responsible for assisting the Town in obtaining \$1.16 million in funding for stormwater improvements in the Short Sands area of York Beach. Responsibilities included hydrology and hydraulics analysis, funding application preparation, field reconnaissance, and meeting with FEMA and MEMA to address permitting requirements.
- **City of Bath, Street Improvement Program, Bath, Maine.** Project manager & design engineer for a 9-year street improvement program. Program involved evaluation of existing street conditions, recommendation for infrastructure upgrades (including storm drain, sanitary sewer, and potable water), design of improvements, and construction administration.
- infrastructure improvement projects involving storm drain and pavement structure upgrades.

Thomas A. Errico, PE

Senior Associate and New England Director of Traffic Engineer

Registrations:

Registered Professional Engineer in:
Maine (6618), Vermont (6321), New Hampshire (10096), Massachusetts (37701)

Certifications:

Certified Maine DOT Locally Administered Project Manager

Academic

Achievements:

M.S., Civil Engineering, Northeastern University, Boston, Massachusetts, 1996

B.S., Civil Engineering, Northeastern University, Boston, Massachusetts, 1985

Professional Activities:

Member, Institute of Transportation Engineers (ITE), 1997-Present;
Director of the New England Section, ITE 2010;
Institute of Transportation Engineers (ITE), National Committee Member on publishing a Report on Current Practices on Pavement Markings and Signing at Crosswalks, 2010;
Member of the National Pedestrian and Bicycle Committee

Awards:

2013 Transportation Engineer of the Year from the New England Section of ITE

Thomas Errico joined T.Y. Lin International as a senior associate and New England traffic engineering director. His background in traffic engineering includes access management, corridor studies, traffic operations studies, pedestrian studies, parking studies, safety evaluations, and traffic impact studies. He has significant experience in designing traffic signals, developing and maintaining traffic plans, and determining intersection and roadway design requirements for highway projects, including auxiliary lanes, bicycle and pedestrian facilities, signing, and traffic control. He has worked extensively with traffic engineering software such as SYNCHRO, SimTraffic, HCS, TRANSYT-7F, PASSER, and CORSIM.

Project experience relevant to this proposal include:

Complete Streets Design Training Initiative, Statewide, MA - UMass

Project Manager responsible for the development and delivery of approximately 80 training workshops throughout the state of Massachusetts. The workshops attendees will include MassDOT engineers, consultants, and municipal staff.

Complete Streets Technical Presentations. Instructor conducting Complete Streets Training. These have included the following: 2012 MaineDOT Transportation Conference; 2012 Maine Active Community Conference; Bicycle Coalition of Maine Advocates Meetings (January – May 2013); 2011 New England Bike-Walk Summit; 2012 Maine Transportation Safety Council; New Hampshire MPO Group; Maine Chapter of the Institute of Transportation Engineers Massachusetts Chapter of the Institute of Transportation Engineers

New Auburn Village Center Study, Auburn, ME – Town of Auburn

Project Manager and Lead Traffic Engineer responsible for traffic analysis supporting the transportation and urban design improvements. A key component of the study is the development of a traffic simulation model to assess both one-way and two-way traffic circulation options through this busy village area. The City is struggling with trying to balance the desire to establish a livable village area, while competing with heavy cut-through traffic.

Bath Road Master Plan, Wiscasset, ME – Town of Wiscasset / MaineDOT

Project Manager responsible for producing a plan that maximizes development opportunities along Bath Road through the strategic coordination of traffic infrastructure improvements, land use policies and design standards. By planning for growth, Bath Road will remain safe, congestion will be minimized and visual character will be preserved and enhanced. Ultimately, this Master Plan is intended to help Wiscasset shape a future for Bath Road and surrounding areas that reflects the needs and values of the community.

Marginal Way Pedestrian & Bicycle Master Plan, Portland, ME – City of Portland.

Lead Traffic Engineer responsible for the development of an improvement plan that incorporates a balanced transportation infrastructure considering all modes including pedestrians, bicyclists, trucks, transit, on-street parking, and streetscape. The plan was based upon a 10-year Bayside Development Plan. The key part was the conversion of the existing 4-lane section to 3-lanes.

JAMES VERRA and ASSOCIATES, INC.

**101 Shattuck Way, Suite 8
Newington, N.H. 03801-7876**

STATEMENT OF QUALIFICATIONS

James Verra and Associates, Inc. is a New Hampshire Corporation providing land surveying, land planning, and mapping services to the public and private sector. We are licensed Professional Land Surveyors in New Hampshire, Maine, and Massachusetts. We are in possession of the records and plans of John W. Durgin, Durgin/Schofield Associates and Edward M. Smith, over 100 years of land records.

Our clients include landowners and developers, engineers, land surveyors, architects, commercial and industrial companies, hospitals, utility companies, land title and insurance companies, banks, attorneys, and municipal, state, and federal agencies.

We provide a complete range of surveying and mapping services including:

- Boundary Surveys
- Topographic Surveys
- Subdivisions & Lot Line Revisions
- Project Permitting
- Existing Conditions and As-Built surveys
- Construction Layout
- Route & Utility Surveys
- Raw Material Volume Computations
- ALTA/ACSM Land Title Surveys
- Photogrammetric Control
- FEMA Elevation Certificates & Letter of Map Amendment (LOMA's)
- Global Positioning System (GPS) Services
- Tax Mapping

JAMES VERRA and ASSOCIATES, INC.

**101 Shattuck Way, Suite 8
Newington, N.H. 03801-7876**

**James Verra, LLS
Principal**

EDUCATION

B.A., American History, University of New Hampshire
A.A.S., Civil Technology, University of New Hampshire

LICENSES

New Hampshire Land Surveyor #625
Maine Professional Land Surveyor #1330
Massachusetts Professional Land Surveyor #37062

EXPERIENCE

Mr. Verra has been in the surveying field for over 35 and has worked on all phases of boundary, subdivision, topographic, utility and construction surveys. This includes field survey and construction layout, office computations, deed research, preparation of legal descriptions, and testimony as an expert witness. Some of this experience is represented by the following projects:

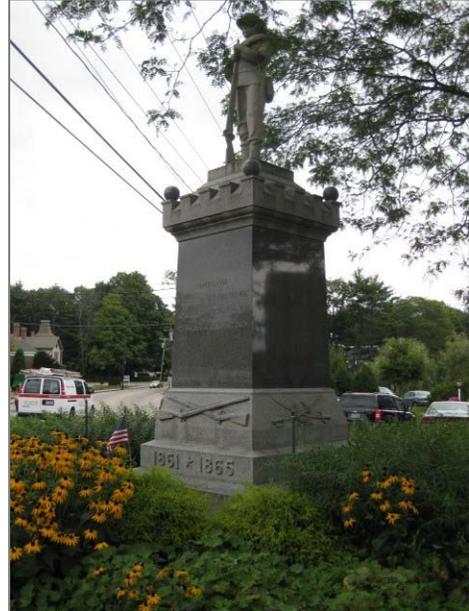
- Project surveyor for highway improvement survey for the Fox Run Mall, Newington, NH for Anderson-Nichols Company, Inc. The work included right-of-way research, computations of right-of-way location, field survey, highway construction baseline layout, grid control baseline for mall construction, and computation of mall subdivision plat.
- Field surveyor and land surveyor for survey work done at Turnkey Landfill, Rochester, NH, for Waste Management of New Hampshire.
- Project surveyor for a 300-acre land survey of Wentworth-by-the-Sea property located in Rye and New Castle, New Hampshire, including field survey and office computations.
- Project manager for over 75 Easement/Site Plans for Verizon (formerly Bell Atlantic, NET/NYNEX).
- Project surveyor for permitting of water production wells in the seacoast area of New Hampshire.
- Project manager for 16-lot Hobbs Farm Subdivision, North Hampton, New Hampshire.
- Project manager for renovation and expansion of Plaza 800, Islington Street, Portsmouth, NH.
- Hunter's Run subdivision, Rye, New Hampshire - 10 lots
- Parsonage Woods subdivision Rye, New Hampshire - 6 lots
- Estate of Marion S. Rand subdivision, Rye, New Hampshire – 7 lots.
- Stevens Realty Trust subdivision, Rye, NH – 5 lots
- ALTA/ACSM Land Title Survey, National Gypsum Company, Portsmouth, New Hampshire
- ALTA/ACSM Land Title Survey, Mark Wentworth Home, Portsmouth, New Hampshire
- ALTA/ACSM Land Title Survey, Fox Run Mall, Newington, New Hampshire
- ALTA/ACSM Land Title Survey, Stonecroft Apartments, Portsmouth, New Hampshire

PROFESSIONAL AFFILIATIONS

Fellow, New Hampshire Land Surveyors Association (NHLSA)
Past President
Past Treasurer
Past Chair, Legislative Committee, Survey Standards Committee
Maine Society of Land Surveyors (MSLS)
National Society of Professional Surveyors (NSPS)

Project Understanding

We have reviewed a significant portion of the documentation provided on the York Village Study Committee (VSC) website and understand the effort taken to arrive at this point in the process where the need to obtain technical assistance from a professional consulting team will help further the project toward reality. We understand the first step in the process will be to assess and determine the feasibility, both technically and financially, of developing one of the three concepts, identify pros and cons and arriving at a community stakeholder consensus. Once a direction has been selected, a more detailed concept plan will be developed identifying streetscape improvements that include plantings, sidewalks, furniture, lighting fixtures and opportunities to create public spaces. Options to relocate overhead utilities to underground, as well as other potential infrastructure improvements, will be explored. The target area includes the central intersection (monument) reaching out along York Street and Long Sands Road encompassed within the 2-5 minute village walking radii.



We understand that the public process will provide the opportunity for the community stakeholders to weigh in on the design. The concept plan will be presented to the stakeholders to obtain their input and support. Once a clear direction has been identified a preliminary design, and opinion of cost will be completed. Once the preliminary plan and construction budget have been approved final design and construction documents will be prepared.

The final design must incorporate the vision established by the VSC to promote vitality and restore the historic beauty of York Village as a dynamic, safe and sustainable town center reflecting the history of the community that is both welcoming to visitors and supportive of local businesses. The integrity, or bones, of the historic New England Village Center needs to be preserved while incorporating the concepts of



complete streets, enriching the village center as an inviting, safe and welcoming experience and providing a catalyst for successful existing and new business development.

The key objectives identified are:

- Maintain the civil war monument as a focal point,
- Provide convenient access throughout the village for pedestrians, with safe sidewalks and crosswalks,
- Introduce traffic calming measures to slow traffic. Intersections should be safe with clear direction for the coexistence of pedestrians and vehicles,
- Provide adequate, accessible and safe parking areas,
- Develop green space opportunities and provide streetscape enhancement to enhance the scale and experience of the village.



Cost and Schedule Control

Our respective firms are critically aware of the importance of cost-control and managing project budgets for our clients. We understand that organizations are accountable for their budgets and, correspondingly, our team must be held accountable for providing the agreed-upon work product within the time frame, at the agreed cost. As individual firms, and as a team, we have an excellent track record of providing quality project deliverables on time and on budget. Our firms' success in this regard is reflected by our numerous repeat clients.

Our firms have an excellent track record of developing designs that meet both the needs of the client and the cost criteria of the project. Often the competitive bid prices we submit are aligned with the required budget parameters and the Opinion of Probable Cost. Success in accurate project cost forecasting is a result of having an intimate knowledge of the current bidding climate and tracking of unit costs for real project bids. Our firms maintain a database of historical project costs that help our project managers understand the real costs of projects. We also maintain an excellent working relationship with many contractors in southern and central Maine that helps us accurately forecast project costs by maintaining open communication with the folks that bid and perform the work.

We are committed to providing excellent quality in our work product. Each office within our team has an office structure such that no work product leaves the office without a thorough in-house peer review including review by a team of experienced professionals for constructability. We each have a rigorous review process that relies on a number of critical tools for success including the use of review checklists, tracking records, and use of senior and/or experienced staff for peer review. It is the project coordinator and respective firm project manager's responsibility to ensure that each project deliverable is reviewed by another senior reviewer for accuracy, completeness, and fulfillment of the design parameters. Also, work products are peer-reviewed at appropriate stages or percentage complete to ensure that potential problems are caught early in the design process.

Our proposed project organization and management for this project are based on a few key objectives. These objectives include responsiveness, commitment, and value. Our team has the capacity to provide the service required for the York Village Master Plan project in the proposed time frame. The firms on our team have skilled, devoted staff with the ability and desire to meet our client's needs.

LOWER VILLAGE IMPROVEMENTS

Kennebunk, Maine

Mitchell & Associates, in association with DeLuca-Hoffman Associates, prepared a streetscape improvement plan for the Lower Village in Kennebunk. The Lower Village improvement plan is part of a three phase project intended to improve pedestrian and vehicular circulation and provide physical and visual enhancement of the commercial area linking to Kennebunkport's "Dock Square". Improvements include new curbing and sidewalk treatment, street tree's, lighting, vista overlooks of the Kennebunk River and historic informational signs of ship building and early tourism history in the Kennebunk's.

Project construction was completed in 2012.

PRE-CONSTRUCTION CONDITIONS



VISUALIZATION STUDIES



Relocating Utility Poles & Installing Brick Walk



Installing Brick Walk



River Overlook

Key Staff: Bob Metcalf

WATERMAN DRIVE

South Portland, Maine



Waterman Drive once served as the main access route between Portland and South Portland. With the construction of a new bridge and road system, Waterman Drive arterial nature became obsolete. Mitchell & Associates was selected to redesign the road to meet the needs of the evolving community. The new design implements traffic calming measures to reduce traffic speed, provide more parking and create an enhanced pedestrian environment for the Knightville neighborhood.

Improvements include reduction of road and lane width, street tree plantings in esplanades, 10 foot wide shared use pathway on the water side and 6 foot wide pathway on the neighborhood side, striped crosswalks at each street intersection, removal of large scale lighting and installation of pedestrian scale lighting, benches with seating areas, trash receptacles and bus shelters.

Key Staff: Bob Metcalf

Client Contact:

Mr. James H. Gailey, City Manager
City of South Portland
25 Cottage Road
South Portland, Maine 04106

jgailey@southportland.org
207. 767 7606

**York Beach Drainage
and Streetscape
York, Maine**



Services Provided:

- Conceptual & Final Design
- Hydraulic Analysis with HydroCAD
- Drainage System Design
- Streetscape Design
- Utility Coordination
- Stakeholder Coordination
- Sidewalk Design
- Public Presentation
- Cost Estimating

Dean Lessard, P.E.
Public Works Director
Town of York
186 York Street
York, Maine 03909
dlessard@yorkmaine.org
207-363-1011

Status: Complete



Ransom was retained by the Town of York to design a new stormdrain system to mitigate historic flooding in the York Beach area. Ransom performed hydraulic analyses using HydroCAD software and the Town's existing GIS data to determine what pipe sizes are necessary to convey the runoff from a 100-year storm event. Ransom provided the Town with two potential trunkline alignments and outlined the hydraulic, right-of-way and cost implications for each.

Ransom provided final engineering design, cost estimates and construction administration for the selected alignment. Ransom coordinated with the local sewer and water districts during design and construction to install the necessarily larger diameter stormdrain pipes while minimizing impacts on existing utilities.

During the conceptual design phase, Ransom identified the opportunity to cost effectively upgrade the streetscape and improve mobility for all users along with the extensive road and sidewalk reconstruction required to install the new drainage system.

Ransom worked with the Town to design curb extensions, widen sidewalks and to improve pedestrian mobility while maintaining truck turning movements, emergency vehicle access and positive drainage. Custom grading was required to provide ADA access to local businesses. Careful allocation of the available right-of-way allowed for the addition of on-street parking and the addition of two crosswalks while maintaining truck turning movements and emergency response access.

Salvaged granite curb was used to minimize costs. Material excavated to install drainage piping was used to construct an embankment for a new multi-use trail.

Ransom coordinated with local property and business owners to help the Town leverage \$100,000 of private funding for streetscape improvements. Ransom designed improvements on private property for local businesses using the same materials and styles to blend seamlessly with the public streetscape.

New Auburn Village Center Study City of Auburn

Owner:
Androscoggin
Transportation
Research Center / City
of Auburn

Contact:
Jason Ready, PE
Androscoggin
Transportation Resource
Center
125 Manley Road
Auburn, ME 04210
783-9186 phone, 783-
5211 fax

Dan Goyette P.E.
City Engineer
City of Auburn
60 Court Street, Suite
114
Auburn, ME 04210
Phone: 207-333-6601
ext 1134



The Androscoggin Transportation Resource Center (ATRC), as the designated Metropolitan Planning Organization (MPO) for the urbanized area of Lewiston-Auburn, Maine, in cooperation with the Maine Department of Transportation (MaineDOT) and the City of Auburn has selected TYLI to conduct a study of the New Auburn Village Center. A key component of the study is the development of a traffic simulation model to assess both one-way and two-way traffic circulation options through this busy village area. The City is struggling with trying to balance the desire to establish a livable village area, while competing with heavy cut-through traffic. The objective of this study is to develop a plan to:

- Review the existing transportation network and land-uses through the New Auburn Village Center District;
- Determine effectiveness of the network in light of proposed land-use changes;
- Identify and evaluate vehicle, bicycle, pedestrian, transit, and parking transportation alternatives that include both physical improvements and those that may involve city ordinances and development standards;
- Work with a soon to be established Advisory Committee, as well as local community businesses and residents on recommendations;
- Develop recommendations for the network to improve traffic flow while respecting the traditional core village of New Auburn, and;
- Develop cost estimates and prioritized list of improvements/recommendations, which may include project phasing.

REFERENCES

Members of our team have worked together frequently throughout the years. We have an excellent professional relationship. The following are references from clients from each of our individual firms:

Mitchell
& Associates
Landscape Architects

Mr. Michael McGovern
Town Manager
Town of Cape Elizabeth
320 Ocean House Road
Cape Elizabeth, Maine 04107
Telephone: (207) 799-5251



Representative Projects:
Shore Road Pathway
Town Center Design Guidelines
Fort Williams Park

Barry Tibbetts, Kennebunk Town Manager
Town of Kennebunk
1 Summer Street
Kennebunk, Maine 04043
Telephone: (207) 985-2102

Representative Projects:
Kennebunk Lower Village Improvements
Waterhouse Center Pavilion

ANSOM
Consulting
Engineers
and Scientists

John Foster
Town Engineer
9 Industry Road
Brunswick Maine
207-725-6654/
jfoster@brunswickme.org



Representative Projects:
Maine Street tormdrain
Jordan Avenue Reconstruction,
Mere Point Road Reconstruction

Peter Owen
Director of Public Works
City of Bath
450 Oak Grove Avenue
Bath, Maine
207-443-8357



Representative Projects:
Washington Street Force Main and Infra-
structure Improvements, Bailey Street
Sewer Replacement, Green Street CSO
Abatement, Commercial Street Pump
Station Upgrade, Pleasant Avenue, Hyde
Park Force Main Replacement, Centre
Street Force Main Extension

TYLININTERNATIONAL

Dan Goyette P.E.
City Engineer
City of Auburn
60 Court Street, Suite 114
Auburn, ME 04210
Phone: 207-333-6601



Representative Projects:
New Auburn Village Center Study