

Town of Ulysses

Proposal For Professional Services:
Town Hall Parking Lot Renovation

Prepared for:
Town of Ulysses
10 Elm Street
Trumansburg, NY 14886

June 28, 2024

June 28, 2024

Katelin Olson
Town Supervisor
Town of Ulysses
10 Elm Street
Trumansburg, NY 14886

**RE: PROPOSAL FOR PROFESSIONAL SERVICES
TOWN HALL PARKING LOT RENOVATION**

Dear Ms. Olson,

MRB Group is pleased to submit our proposal for professional services for the project to redesign and replace the existing Town Hall parking lot, which is situated near the vibrant commercial downtown merchants and access by residents of Ulysses.

While MRB Group, as a multi-disciplined civil engineering firm, is called upon to deliver solutions for a wide variety of site related design solutions, all municipal projects share the same goals: to best utilize budgeted funding and enjoy years of useful service from the project's results.

In providing site development design for municipal properties, MRB Group is especially aware of considerations in providing ADA compliance and pedestrian access. We strive to achieve design solutions that reduce demand on public stormwater utilities, and, when appropriate, the implementation of green infrastructure practices for water quality, such as permeable pavement applications for roads, sidewalks and parking areas. Our in-house Construction Administration and Observation staff ensure timely reporting and consistent quality control that ensures scheduled milestones are met and projects completed successfully.

The following proposal represents what we believe is a methodical approach to the conceptual and final design of this parking lot project, and its efficient execution. MRB Group greatly values our professional relationship with the Town of Ulysses and hopes to continue working with you on this important initiative.

We appreciate your time reviewing our proposal. If you have any questions or require additional information, please contact us at your convenience.

Sincerely,



William G. Davis
Director of Water Resources



Matthew McKenna
Project Manager

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1

RESPONDANT PROFILE

Who We Are

MRB Group built its reputation by providing informed planning and sound design. By partnering with our firm, you can be sure that our experience will provide insight to create **forward-thinking and fiscally responsible designs**. Our teams work together to bring improvement to our clients' operations by addressing challenging site conditions and multiple functional priorities. MRB Group offers extensive experience in programming, designing, and managing municipal facility projects that **create a first-class service environment**.

MRB Group is a long-established professional firm providing municipal engineering, architectural, and planning services. Today, MRB Group has evolved into a civil engineering and architecture resource focused on infrastructure and facilities that serve the public, with **extensive experience in state and federally-funded projects** and compliance with funding standards.

Civil Engineering

SITE DEVELOPMENT SERVICES

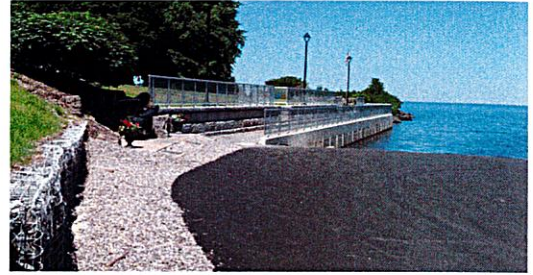
Our staff has significant experience in site development and improvement for urban settings including streetscapes, sidewalk repairs/modifications for ADA compliance, pedestrian access improvements, and parking lot repair/reconfigurations.

STORMWATER/DRAINAGE

MRB Group understands that stormwater concerns can quickly become major public problems, resulting in safety hazards and property damage. Also, water quality and flood control are critical regulatory concerns. MRB Group has extensive experience in stormwater management facilities, open channel conveyance systems, storm sewers, stormwater system rehabilitation, and flood control facilities in urban and rural settings.

Construction Phase Services

MRB Group routinely provides Construction Phase Services for projects where we have served as the design engineer and as third-party consultant on behalf of the project's owner. Construction Administration may include the assembly of contracts, processing submittals, payment applications, change orders, RFI's, RFP's, clarifications, and closeout documentation.



MRB GROUP

NEW YORK

ROCHESTER (main office)
The Culver Road Armory
145 Culver Road, Suite 160
(585) 381-9250

FINGER LAKES

SARATOGA SPRINGS
SENECA COUNTY
SYRACUSE

Project Manager:

Matthew McKenna

matthew.mckenna@mrbgroup.com

phone: (585) 340-3621

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EXECUTIVE OVERVIEW

Project Understanding

MRB Group is a multi-disciplinary Engineering, Architecture and Municipal Services Consulting Firm with direct experience working with the Town of Ulysses as Town Engineer since 2015. MRB Group has a comprehensive understanding of the scope of work as we developed the Preliminary Town Hall Parking Lot Improvements Project Scoping for the Town dated April 15, 2024, in evaluation of multiple projects for use of Town's State and Local Fiscal Recovery Funds (SLFRF). This understanding is solely project specific, but our understanding of the Town, municipal capabilities and workforce should be considered as we have effectively worked through many services with the Town since 2015. This familiarity and working with the Highway Department makes MRB Group an exceptional candidate for this project.

MRB recognizes that the Town would like to replace the existing Town Hall Parking Lot and incorporate additional features such as site lighting and potential electrical vehicle charging stations. We understand that the Conceptual Phase will drive the Final Design prior to release of the project for bidding. MRB intends to be directly engaged with the Town throughout the process with periodic updates and findings. You will note that our aggressive Proposed Schedule under Section 11 of the RFQ Response Form has an expedited process to allow the Town sufficient time to get under contract by the end of 2024.

Project Approach

MRB Group will follow the following fundamental approach to the study through several phases:

Phase: Conceptual Design

MRB recognizes that the Town Properties (typ-2) and access not only adjoins multiple parcels, but the Town parking area also shares use with Tax Map No. 6-1-22.2 for parking and access via Elm Street. It is expected that during the Conceptual Phase, review of pertinent legal information such as but not limited to abstracts of titles for the Town Properties (6-1-22.1 and 6-1-24) will be necessary in efforts to work towards a cost share agreement with those that share access and parking with the Town parcels. During this review, MRB will work with the Town attorney and other staff to develop a cost-share agreement for the proposed improvements based on findings from review of the Abstract of Title(s). MRB Group has a licensed surveyor on staff who we intend to have on our team to assist during this phase.

The development of a Preliminary Opinion of Probable Costs during the Conceptual Phase and Final Design Phase will be the basis for establishing the cost-share agreement prior to notice of award. It is recommended that the Town use the bid pricing for establishment of final cost-share split with other owners.

While parcels 6-1-25 and 6-1-26 adjoin the project location, we recognize that the area for repaving (Town owned Property) does not include the parking lot areas of those parcels. Our proposal and services assume that the impervious parking areas of 6-1-25 and 6-1-26 are not included in the scope of work which results in an approximate project area of nearly 11,000 square feet (sf) for design limits. However, should conversations and discussions lead to a favorable cost share agreement with them – an amendment to our proposal to include those areas can be negotiated with the Town.

Ultimately, a preliminary conceptual design looking at typical asphalt pavement and an alternate pervious or permeable pavement design will be performed. A focus on controlling offsite runoff of stormwater, subsurface storage of stormwater and potential vegetative plantings or rain gardens will

be considered as part of the comprehensive evaluation of stormwater management for the Town Hall Parking Lot. Given the documented poor condition of the current parking lot, it is expected that complete replacement of the parking lot area (asphalt and subbase) will be necessary. It is recommended that the Town consider soliciting a Geotechnical Engineer to investigate subsurface soil conditions prior to recommending a design of the asphalt and subbase conditions. We have identified Geotechnical Engineering as a recommended subconsultant on the project to assist with subsurface design.

MRB Group intends to develop a Code Compliant site lighting plan for the parking lot to better illuminate the area and improve site security for the normally dark parking lot during this Phase. An opinion of probable costs will be developed for the Standard Asphalt vs. Pervious Pavement options evaluated to assist the Town in selecting a Basis of Design for the Final Design Phase which will be reflective of the comprehensive design.

Conceptual Design and Property Coordination Phase\$9,500.00 (Lump Sum)

Phase: Final Design

MRB Group and our talented team of Civil Engineers and surveyors, will develop a design that will incorporate stormwater management best practices, site grading plan, layout of the proposed parking lot with a striping plan and detailing of the pavement sections and subbase to support a public bid. The Conceptual Design Phase will be the building block for development of the final design with both phases closely coordinated with the Town.

During the initial phase of the Final Design, MRB Group intends to perform a topographical survey of the area to expand on the current Survey Map of Town Hall titled Topographic Map for Sidewalk Improvements Located at No. 10 Elm Street, dated 2/24/2017 as developed by TG Miller, PC.

An Engineers Joint Contract Documents Committee (EJCDC) formatted contract and technical specifications will be developed to administer the Contract between the Town and Construction Contractor. Incorporation of electrical power and supply (conduit and wiring) to support electrical site lighting and future Electrical Vehicle Charging Station(s) will be developed as part of the General Contract. Pending the scope of electrical work determined during the Conceptual Phase, MRB may subcontract with Electrical Engineering firms to assist with the design. We have identified firms on our organization chart that we have successfully worked with on municipal projects for Electrical Engineering services, as necessary.

Recommended guidance on long-term maintenance of the parking lot area will be developed as a deliverable to assist the Town with annual budgeting. A pervious or permeable pavement design will require more thorough routine maintenance and a shorter lifecycle timeframe for replacement of the asphalt. A final construction estimate for the project will be developed prior to bidding.

The plans and specifications as well as the maintenance plan document will be provided to the Town in PDF format and hardcopies.

Final Design Phase\$23,495.00 (Lump Sum)

Phase: Bidding

Taking the EJCDC Contract Documents developed during the Final Design Phase, MRB Group will advertise the project with an on-line Planroom for soliciting perspective bidders for the project. MRB Group will coordinate listing the project with the Planroom and will solicit bidders notifying them of the opportunity. During the Bidding Phase, MRB will host a Pre-bid meeting onsite at the Town Hall to discuss the project and respond to any questions bidders may have on the project. During the Bidding Phase, MRB will address technical questions via phone or email and will issue Addendums to the contract as necessary.

These will be posted to the Planroom and emailed to all perspective bidders.

MRB Group will attend the Bid Opening and will develop a bid review letter to the Town board for the award. MRB's service area throughout the Finger Lakes region allows us to promote our connections with Contractors who do municipal work of this nature providing a broad reach for marketing the project for the Town.

Bidding Phase\$3,500.00 (Lump Sum)*

**MRB Group intends to accommodate the Construction RFQ Development (Section 4c) during the Bidding Phase.*

Phase: Construction and Competitive Bid Administration

MRB Group will work with the successful qualified apparent low bidder to for receipt of all necessary bonds and insurances after issuing a Notice of Award. Once contractual administrative tasks are in place, MRB will work with the Town on authorizing a Notice of Award at a regularly scheduled board meeting. A Notice to Proceed will be coordinated and authorized, ultimately commencing the start of construction.

MRB Group will work with the Contractors on setting up a list of necessary submittals, develop a Progress Payment Schedule closely aligning with regularly scheduled board meetings and will review a Preliminary Schedule of Values (SOVs) for breakout of the contractors Lump Sum bid.

During this phase, MRB Group will hold a preconstruction meeting introducing the Town, Engineer and Contractor and associated field representatives. At this Preconstruction meeting, avenues of communication will be assigned, and emergency contact lists shared. Given the disruption to the Parking Lot during construction, temporary parking or any necessary detours for construction activities will be established with the involved parties.

MRB Group engineers directly involved with design of the project will administer and oversee the technical aspects of the project from the office in coordination with our field observers. Monthly Progress Payments, updates to the Town Board based on construction progress and closeout paperwork included in this phase.

Construction Administration Phase.....\$8,200.00 (Lump Sum)*

**Based on a two (2) month contract duration.*

Phase: Construction Observation

MRB Group has dedicated Construction Observers with broad experience in site development projects (both private and municipal) and heavy highway civil work. Our dedicated staff not only offer technical onsite assistance but also assist in coordinating day-to-day activities and project scheduling. Should Progress Meetings be necessary, our staff of Observers can hold Progress Meetings and distribute meeting minutes to the involved parties.

Given the preliminary understanding and footprint of the Town Hall Parking Lot, we expect a total of ten (10) full-time days on site may be required for a total of eighty (80) hours for construction observation for a standard asphalt pavement design. Our fee is based on 80 hours @ \$105/hour (\$8,400) and a travel distance of 150 miles @ \$0.67/mile for 10 trips (\$1,005.00). MRB will invoice the Town hourly for Construction Observation plus mileage as estimated above.

Construction Observation.....\$9,405.00 (hourly, Not-to-exceed)

TOTAL COMPENSATION\$54,100.00

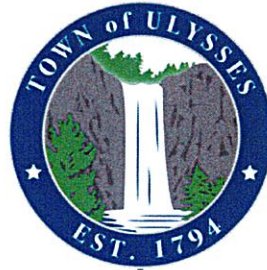
*The cost figures shown above represent **lump sum** amounts, unless otherwise noted. Any additional work outside the scope of this proposal would be reviewed with the Client. MRB Group rates are subject to annual adjustment.*

Exceptions:

- MRB Group has assumed that the project area is approximately 11,000 sf which is based off the survey map title: "Topographic Map for Sidewalk Improvements located at No. 10 Elm Street, Village of Trumansburg, Tompkins County, New York' dated 2/24/2017 as developed by TG Miller PC.
- MRB Group has assumed that boundary surveys will not be required as part of our scope.
- MRB Group has recommended that Geotechnical Engineering Services be included as a professional service for the Town. While MRB can assist in soliciting Geotechnical Professional Services, the cost of those services are not included in our fees.
- State Environmental Quality Review (SEQR) Process not included in scope and performing this would be an additional service.
- Based on the understanding of the project scope and type of work, MRB Group has assumed that the Contract will be a Lump Sum bid project and will not be set up as a unit price bid.
- MRB Group has not planned for 'any alternates' as the Conceptual Phase will define the scope of the Final Design that will be let out for a public bid. Should the Town consider Alternates to be issued with the Final Design, MRB can evaluate and advise the Town what additional services will be required to issue 'Alternate Design' components.
- MRB Group assumes that two (2) Progress Meetings during construction will be held during regularly scheduled time on site for our Construction Observers. Any additional meetings on site or need for additional onsite observation will be negotiated directly with the Town.
- As the involved design of Pervious or Permeable Pavement greatly differs from that of typical asphalt parking lots, we recommend the ability to negotiate the phases beyond that of the Conceptual Design Phase including but not limited to construction efforts, specifically Construction Observation and Construction Administration.
- MRB Group does not anticipate that additional funding (including grants) or a Bond Authorization will be necessary for the project. Should they be, MRB Group reserves the right to adjust our project schedule or fees to assist the Town with pursuing additional funding as Town feels necessary.

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PROJECT TEAM QUALIFICATIONS



James J. Oberst, P.E.
Principal-In-Charge
Executive Vice President and COO

Matt McKenna
Project Manager

Tom Fromberger, P.E.
Director of Site Development

Steve Schultz, P.E.
Senior Engineer

Corey Hurley, EIT
Associate Engineer II

Josef Trabold
Associate Engineer II

Bill Johnson, L.S.
Land Surveying

Geotechnical Engineering
Subconsultant TBD

Electrical Engineering
Subconsultant TBD

Expertise

Project Management- Dedicated professional with broad experience in civil engineering and related disciplines, including wastewater treatment plant design, site survey, drainage and stormwater management, municipal transportation infrastructure, Geographic Information System (GIS) and Global Positioning System (GPS) technology, and tax mapping. Expertise in various federal and state funding programs, and in environmental permitting processes and reporting requirements. History of performing construction observation services on municipal wastewater collection and transportation projects.

Engineering Reports and Grant Applications – Specialized background on collecting, evaluating, and analyzing water/wastewater treatment plant data, and subsequently preparing Preliminary Engineering Reports (PER) and Facility Master Plans for review and approval by regulatory agencies. Thorough understanding of federal and state grant application process, assisting municipal clients in receipt of financial assistance through the United States Department of Agriculture (USDA), the New York State Environmental Facilities Corporation (EFC), and the New York State Department of Environmental Conservation (DEC) Water Quality Improvements Project Program and Wastewater Infrastructure Engineering Planning Grant. Direct experience in completing annual Part 503/360 Compost and Land Application reports, and annual Water Quality Reports, per United States Environmental Protection Agency (EPA) and DEC requirements.

Key Projects

General Engineering Services

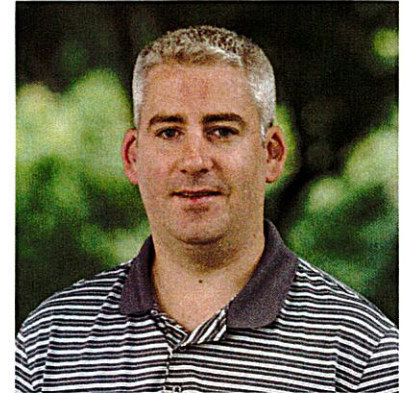
- Town of Amity
- Village of Bath
- Village of Belmont
- Town of Canandaigua
- Village of Trumansburg
- Town of Ulysses
- Village of Marcellus
- Village of Geneseo
- Village of Hamilton

Engineering Reports

- Western Wayne County Regional Wastewater Treatment Plant Preliminary Engineering Report
- Village of Palmyra, Regional Wastewater Treatment Plant Evaluation Study
- Village of Bath, Wastewater Treatment Plant Preliminary Engineering Report
- Village of Hamilton, Wastewater Treatment Plant Preliminary Engineering Report
- Village of Trumansburg, Wastewater Treatment Plant Preliminary Engineering Report
- Village of Trumansburg, Wastewater Treatment Plant Facility Plan
- Village of Marcellus, Wastewater Treatment Plant Preliminary Engineering Report
- Village of Marcellus, Wastewater Treatment Plant Facility Plan
- Town of Ontario, Annual Part 503/360 Compost and Land Application Reports
- Village of Trumansburg, Well and Water Systems Improvement Project, Preliminary Engineering Report
- Town of Ontario, Annual Water Quality Report

Planning Grants

- Village of Bath, Water Quality Improvement Project Program
- Village of Hamilton, Water Quality Improvement Project Program
- Village of Marcellus, Water Quality Improvement Project Program
- Village of Bath, New York State Department of Environmental Conservation/Environmental Facilities Corporation Engineering Planning Grant



Education

B.S., Virginia Polytechnic Institute and State University, 2011

Professional Certifications

Engineer in Training Certification

Professional Affiliations

New York Water Environment Association (NYWEA) - Genesee Valley Chapter Board Member

Experience

Land Development – Specialized and diverse background in full site design services from conceptual planning to construction documents for agency permitting. Well-versed in planning, zoning regulations, permitting, environmental impacts, utility design, parking, pedestrian and traffic evaluations, subdivisions, floodplain and stormwater management.

Regulatory Approval Processes – Thorough knowledge of State Environmental Quality Review (SEQR) process and Environmental Impact Statement (EIS) requirements. Able to expedite project approvals due to in-depth familiarity with federal, state, and local regulatory compliance issues and maintains an excellent rapport with regulatory agencies.

Municipal Land Development – Strength in coordinating work schedules and productivity of all project participants, especially partnering with the engineering design team to accommodate infrastructure needs and facilitate timely project completion.

Key Projects

Civic/Parks and Recreation Site Planning

- Beaver Creek Park Master Plan – Farmington, NY
- Town of Sweden Park – Sweden, NY
- North Street Spray Park – Rochester, NY
- Mertensia Park – Farmington, NY
- Pittsford Community Center – Pittsford, NY
- Pittsford Community Church Family Center – Pittsford, NY
- Mendon Library – Mendon, NY
- Oak Hill Country Club – Pittsford, NY
- Total Sports Experience (TSE) – East Rochester, NY
- National Women's Hall of Fame – Seneca Falls, NY

Municipal/Site Planning

- Town of Canandaigua Highway Garage, NY – 40,000 sf garage, cold storage addition, fuel station
- Town of Phelps Highway Facility, NY – 14,000 sf garage and facilities
- Town of Palmyra Highway Garage Feasibility Study – NY
- Town of Cicero Highway Garage, NY – 62,000 sf facility, adjacent 4,000+ sf administrative/employee space, 10,000 sf salt barn
- Town of Penfield Highway Garage, NY – 63,000 sf facility, cold storage addition and pole barn
- Village of Tupper Lake Highway Garage, NY – 14,000 sf garage structure
- Town of Webster Highway Garage, NY – 82,000 sf garage, salt storage facility, parcel of 19.7 acres
- Town of Riga Municipal Hall
- Village of Scottsville Fire Hall
- Yates County Court House
- Penfield Volunteer Emergency Ambulance
- American Red Cross Addition
- Pittsford Library
- Mendon Library

Parking Facilities

- University of Rochester Medical Staff Parking
- Hill Cumorah Parking Layout – 7,000 Spectator and Bus Spaces
- Tops Food Market
- Wegmans Recycle Center



Education

B.S. Civil Engineering,
Rochester Institute of
Technology Professional

Professional Registration

Professional Engineer:
New York 86072
Pennsylvania PE073180
Texas 105564

Professional Affiliations

Commercial Association of
REALTORS (NYSCAR)

Project Locations

SC, NY, PA, TX, NC, GA, FL,
Canada, China

Experience

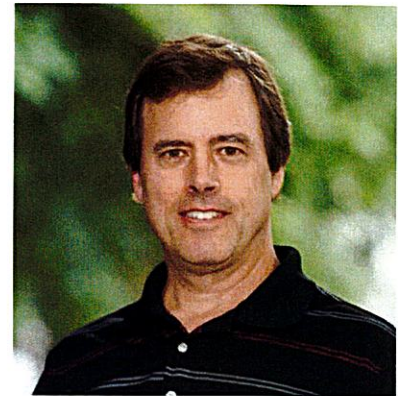
Preparation of Site Plans/Regulatory Review – Experienced in preparing final site plans, ensuring that all typical design elements meet design specifications and receive regulatory permits. Design elements include site grading, layout and alignment of roadways and intersections, utilities, water distribution mains, sanitary and storm sewers, and lighting. Strong understanding of federal, state, and local permitting processes pertaining to stormwater management, erosion control, and wetlands and waterways. Well-versed in the designs and calculations for pump stations and back-flow prevention devices.

Conceptual Design and Development – Diverse background in conceptual design and layout of various projects, including industrial complexes and commercial office parks, residential subdivisions, planned developments, municipal buildings and campuses, parks and recreation facilities, golf courses, restaurants, and hotels. In each instance, design must incorporate client needs, existing site conditions, zoning ordinances, municipal overview, and neighborhood input.

Key Projects

Municipal Site Development/Stormwater Management

- Brighton Volunteer Ambulance - Site Design Services
- Town of Parma - Town Hall Campus Septic System
- Town of Farmington - Beaver Creek Park Site Design
- Town of Phelps - Town Highway Facility - New
- Temple City, TX - Solid Waste Complex
- Brushy Creek Municipal Utility District - Community Center Turnaround
- Town of Canandaigua - Deuel Road - Emergency Repair
- Town of Canandaigua - CR10 Watermain Improvements Phase 1 and Phase 2
- Town of Canandaigua - Outhouse Park West - Concept
- Town of Canandaigua - Purdy Road Extension - Design Services
- Town of Canandaigua - Onanda Park, Uplands Park Improvements Phase 1
- Town of Farmington - White Tail Lane & Suede Circle Reconstruction Project
- Town of Farmington - Town Hall Site Revovation & Addition
- Town of Gorham - East Lake View Estates Drainage District Map
- Town of Gorham - Gorham Highway Garage 2022
- Town of Hopewell - Hopewell Highway Barn RPZ
- Town of Mendon - Planning Board Activities/Subdivisions
- Town of Pittsford - East Avenue Sidewalk Final Design and Bidding
- Town of Pittsford - East Avenue Sidewalks - Phase 2
- Town of Perinton - Sewer and Street Improvements
- Town of Perinton - Red Barn Circle Sanitary Sewer and Street Improvements
- Town of Perinton - Captiva Crossing - Stormwater Facility Evaluation
- Village of Spencerport - Canal Street Municipal Parking Lot Study
- Village of Tupper Lake - Municipal Electric Garage
- Village of Trumansburg - SEQR Review and Planning Services - Hamilton Square Development Project
- Village of Westfield - WTP Garage Programming/Feasibility Study
- Town of West Bloomfield - West Bloomfield Town Hall
- Village of Wolcott - Central Village Storm Sewer Project



Education

B.S. Civil Engineering, SUNY
College of Environmental
Science and Forestry

Professional License

Professional Engineer
New York

Experience

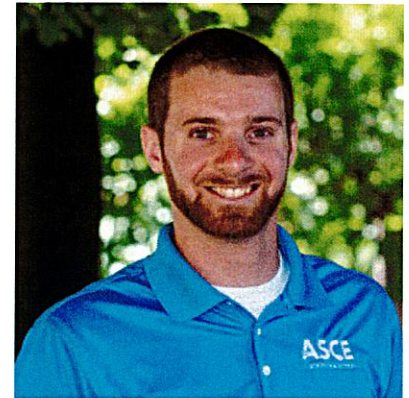
General Engineering Services – Corey has assisted on water, wastewater, site design, and sewer projects. Skilled in using GPS and Survey equipment, AutoCAD and, Autodesk Civil 3-D. Extensive onsite construction observation, inspection and administration work experience combined with knowledge of engineering theories, principles, specifications, and standards.

Stormwater Evaluation and Design – Completes the review and supports the design of stormwater management & stormwater conveyance systems using AutoCAD Civil 3D and other stormwater design software. Prepares and/or reviews stormwater management calculations, including detention basin design, inlet and pipe capacities, profiles, etc. Assists in the technical review of design tasks, such as detailed grading and drainage designs through earthwork analysis.

Key Projects

Water/Wastewater

- Town of Ulysses – NonPoint Source Engineering Report
- Town of Ulysses – Non-Point Source Planning Grant/Culver Replacement
- Town of Ulysses - Water District #3, TTHM Removal Project Phase 1
- Village of Avon - WWTP Disinfection Improvements
- Village of Avon - Reservoir Road Water Tank Valve Vault Improvements
- Village of Avon - WWTP Disinfection Improvements
- Town of Canandaigua - CR 28 Sewer District - PER and MPR
- Town of Canandaigua - Sewer Capacity Study - CR 28 Sewer
- Town of Canandaigua - Cramer Road Water Extension
- Town of Geneseo - Lima Road Water District No.6
- Village of Fairport Sanitary Sewer Study – Asset Inventory / GIS Mapping
- Village of Lima - Sanitary Sewer Evaluation
- Village of Lima - Waste Water Treatment Plant Improvements
- Village of Lima - Water Improvement
- Town of Lyons - 2021 EPG No. 107988, Infiltration/Inflow Study
- Village of Moravia - Wastewater Treatment Plant Improvements
- Monroe County Dept. Environmental Services (MCDES) - General Sewer Repair & Construction (TCC #2)
- Monroe County Dept. Environmental Services (MCDES) - Bay Road Sewer Odor Study
- Monroe County Dept. Environmental Services (MCDES) - Genesee Valley PS & Force Main, Engineering Review and Concept Design
- Town of Ontario - Watershed Services
- Town of Perinton - Ayrault Rd Sanitary Sewer Improvements Design/Construction Phase
- Village of Perry - WWTP Improvement (Phase 2)
- Town of Rose - Water System Improvements
- Village of Victor - WWTP Improvements 2020
- Village of Victor - Moore, Webster & Dryer Avenue Improvements
- Village of Victor – MS4 and GIS Services



Education

BS in Civil Engineering
Technology – Rochester
Institute of Technology (RIT)

Memberships

American Public Works
Association (APWA)

Experience

Joe has assisted on water, wastewater, site design, solar, and sewer projects. As a Testing Engineer, Joe evaluates conditions and infrastructure for sanitary sewer systems; as a Project Engineer, reviews critical data (I&I, design plans, utility plans) and produces study reports; and reviews design plans and SWPPP for compliance. Offers experience in on-site construction observation, inspection and administration. Skilled in using GPS and Survey equipment, AutoCAD and, Autodesk Civil 3-D.

Stormwater Evaluation and Design – Completes the review and supports the design of stormwater management & stormwater conveyance systems using AutoCAD Civil 3D and other stormwater design software. Prepares and/or reviews stormwater management calculations, including detention basin design, inlet and pipe capacities, profiles, etc. Assists in the technical review of design tasks, such as detailed grading and drainage designs through earthwork analysis.

Key Projects

Municipal

- Village of Spencerport – Merz Park, Municipal Parking Lot
- Village of Spencerport – Canal Street
- Town of Ontario – Bear Creek Park Improvements
- Town of Perinton – Perinton Skate Park Design
- Town of Canandaigua - Subdivisions/Planning Board Activities
- Town of Farmington - Subdivisions/Planning Board Activities
- Town of Geneseo - Subdivisions/Planning Board Activities
- Town of Geneva - Subdivision/Planning Board Activities
- Town of Hume - Subdivision/Site Plan
- Town of Manchester - Subdivisions and Planning Board Activities
- Town of Mount Morris - Subdivisions/Planning Board Activities

Site Development/Stormwater Management

- Town of Canandaigua - Onanda Park - Uplands Park Improvements Phase 1
- Town of East Bloomfield - East Bloomfield Nature Trail
- Town of Ontario - Bear Creek Boat Launch Design and Grant Application
- Village of Marcellus - Flower Lane - Road and Drainage Improvements
- Town of Penfield - Highway Building Improvement Project
- Town of Perinton - Perinton Skate Park Design Phase
- Town of Perinton - Fellows Rd Park Drainage/Parking Improvement Study
- Town of Ontario – Bear Creek Park Improvements
- Town of Throop - Throop Fire Department Athletic Fields
- Town of Webster - Highway Building Improvement Project
- Bedford Paving Company - 3500 Buffalo Rd - Flex Space Development
- Early Enterprises, HWY 190 RV Resort
- Despatch Properties Inc - 125, 140, 150, 160 Despatch Parking
- Ren Garden - Asian Market - 1130 Central Ave Albany



Education

BS in Civil Engineering
Technology – Rochester
Institute of Technology (RIT);
May 2021

Memberships

American Society of Civil
Engineers (ASCE)

Experience

Years of experience in land surveying, site planning and general engineering with an emphasis in surveying and environmental engineering. Technical and civil engineering experience includes: the design and management of municipal, commercial, and residential projects, including industrial parks, residential subdivisions, water and sewer improvements, dedicated roads, and water/sewer district extensions.

Water, Sewer and Road Improvements – Expertise in the design and mapping of water, sewer and culvert improvements. Extensive experience in the coordination and relocation of existing underground storm water, watermain, natural gas, communication and above ground electric utilities. Possesses a thorough understanding of municipal water, wastewater and stormwater operations, and relevant state and local regulations.

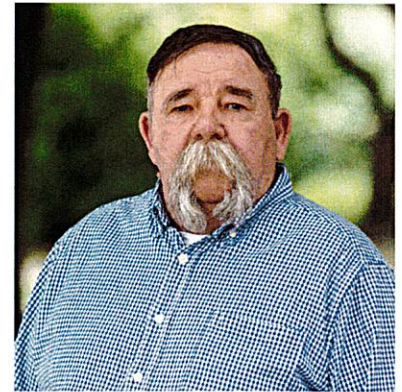
Key Projects

Water, Sewer and Road Improvements

- Village of Geneseo – Main Street North Rehabilitation Project
- Village of Geneseo – Upper University Dr., Wadsworth and Court Streets Infrastructure Improvement Project
- Towns of Canandaigua and Farmington – Canandaigua / Farmington Townline Road Improvement Project
- Town of Farmington – Culvert Replacement Project
- Village of Marcellus – Meadow Street Road and Drainage Improvement Project
- Town of Perinton – Red Barn Circle Sanitary Sewer and Street Improvements
- Town of Canandaigua – North Road Sidewalks
- Town of Farmington – Canandaigua/Farmington Town Line Road Improvements 2016
- Town of Farmington – Farmington Highway Projects 2015
- Town of Bristo – Egypt Road Slope Stability Improvements
- Town of Canandaigua – Outhouse Road Complete Streets
- SUNY Canton – Parking Lot #3 and #8
- Village of Marcellus – Meadow Street Road and Drainage Improvements
- Town of Gorham – Maple Avenue Drainage Improvements

Municipal Facilities

- Village of Geneseo – Main Street North Rehabilitation Project
- Canandaigua Highway Facility Design – Canandaigua, New York
- Farmington Highway Facility – Farmington, New York
- Phelps Highway Garage Design – Phelps, New York
- Farmington Salt Storage Building – Farmington, New York



Education

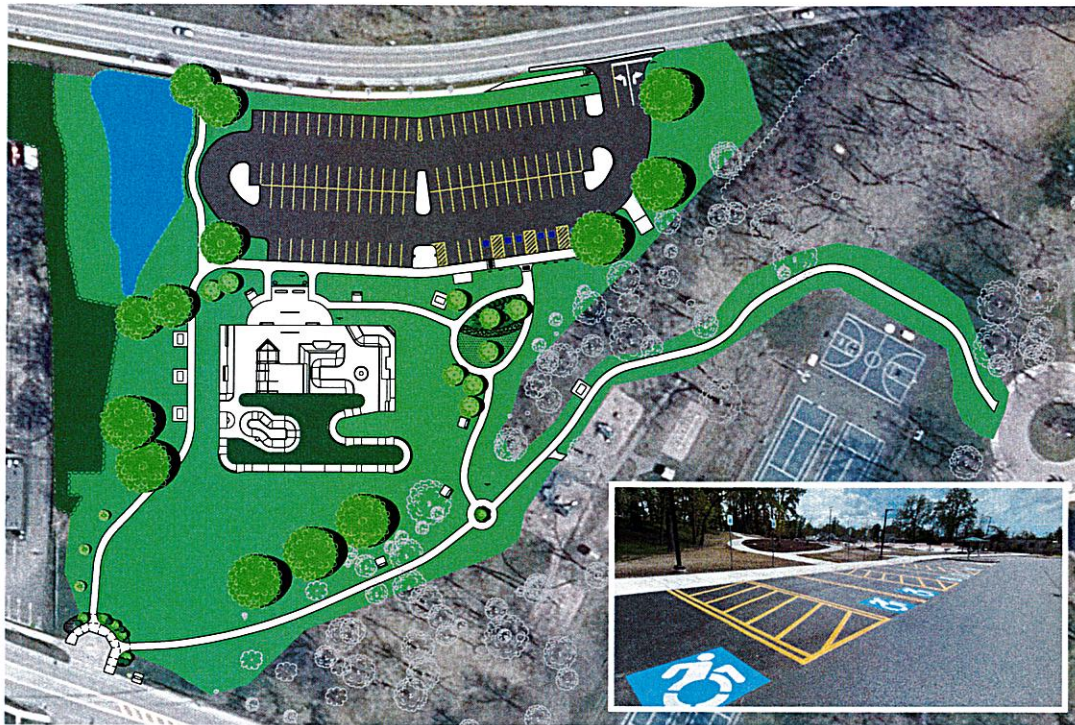
A.A.S. Civil Technology
Monroe Community College,
1970

Professional License

New York: Professional Land
Surveying

References provided below are represented by full project descriptions on the following pages within this section:

PROJECT	CONTACT	PHONE/EMAIL
Perinton Skatepark Site Design	Eric Williams, Assistant to the Commissioner of Public Works	P: (585)223-5115 E: ewilliams@perinton.org
Town/Village of East Rochester Park Drive Reconstruction	Martin D' Ambrose, Village Administrator	P: (585) 586-3556 E: mdambrose@eastrochester.org
Cambridge Place Corporate Park	Evan Gallina	P: (585) 654-6650 E: evan@gallinadev.com



The Town of Perinton set an aggressive schedule for the redesign of a portion of their Perinton Park property into a modern skatepark with related improvements to sidewalks and parking lot infrastructure. Concept design was initiated in late 2022, final design and bidding by June 2023, and construction completed by Spring 2024.

Responding to community interest, the Town pursued grant funding for the \$2.2 million project. MRB Group began working with the town and park designers to develop a Master Plan for the park, providing initial engineering support for concept planning and developing a construction schedule.

MRB Group engineers went on to provide final site design addressing improvements to the lower parking lot (with 2 alternative layouts), sidewalks, park entrance plaza design, storm and sanitary utilities, tree plantings, amenities such as park benches and trash receptacles, site electrical/lighting plans, and a stormwater management facility.

Throughout project phases, MRB Group coordinated with all subconsultants from geotechnical investigations and site survey, to lighting and landscaping design.

Ribbon cutting was celebrated to open the facility in May 2024. The complete design turned an unused parcel into a welcoming, safe recreational space for people of all abilities.

Client
Town of Perinton

Location
Perinton, NY

Project Completed
2023 - 2024

Project Size
4.5 acres

Project Cost
\$2.2 million

- Services**
- Conceptual Design Review
 - Site Design
 - Stormwater Management
 - Bidding
 - Constuction Observation
 - Construction Administration



MRB Group provided Site plan design services for this project including site layout, grading, utility layout, stormwater system design and Stormwater Pollution Prevention Plan (SWPPP) and coordination of regulatory review and approvals. The project includes modifications to an existing stormwater management facility, maintaining site disturbance under five acres, geothermal heating and cooling system, the construction of two buildings totaling 70,000 square feet, 370 parking spaces, lighting, and landscaping.

During the construction phase of the project, MRB performed weekly SWPPP inspections along with providing coordination and assistance as needed for site-related construction issues and questions. Coordination with the Town, Owner, and contractors was an important part of this project in an area that is adjacent to the environmentally sensitive Allen's Creek.

Client

Gallina Development

Location

Brighton, NY

Project Completed

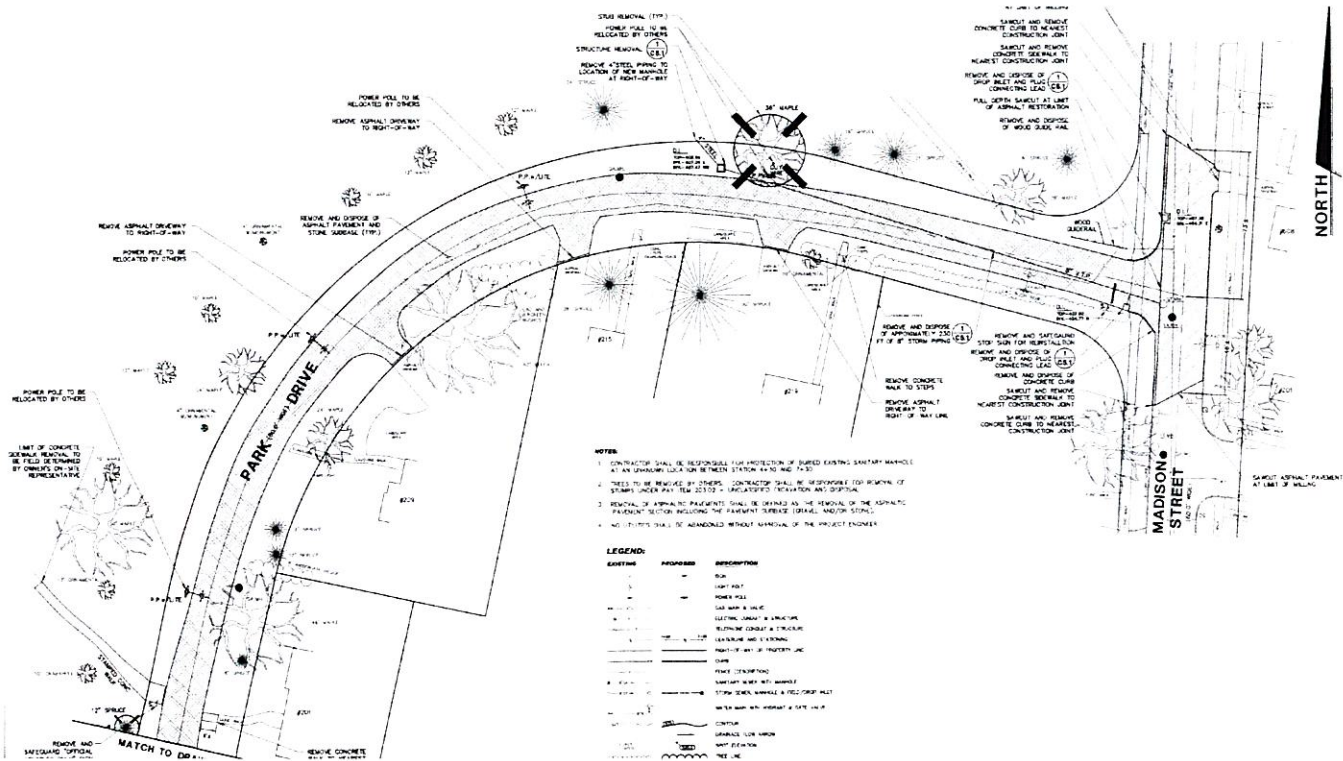
2011 - 2014

Project Size

370 Parking Spaces

Services

- Site Planning
- Schematic Design
- Preliminary/Final Site Design
- Construction Administration



As Town/Village engineer, MRB Group* was commissioned to design and oversee construction during the total reconstruction of Park Drive, replacing granite curbing, sidewalks and storm sewers. The property borders one of the Town/Villages main parks, known as Edmund-Lyon Park, and was a prime location to implement green infrastructure design to positively impact this vital community environment.

The project was awarded \$377,500.00 Green Innovation Grant (GIG) from NYS Environmental Facilities Corporation as a green infrastructure project. The GIG Program awards projects that can implement green stormwater infrastructure design that improve water quality and mitigate the effects of climate change through green practices.

This design for the reconstruction of a total of 1,250 LF of Park Drive utilized porous/permeable pavement shoulders, serving to collect stormwater runoff in a sub-reservoir before allowing it to slowly infiltrate into the soil below. This reduces runoff volume to storm drains, reduces peak rates of discharge, and reduces stress and impact on the watershed environment.

*Work performed as Parrone Engineering prior to 2021 acquisition by MRB Group.

Client
Town/Village of East Rochester

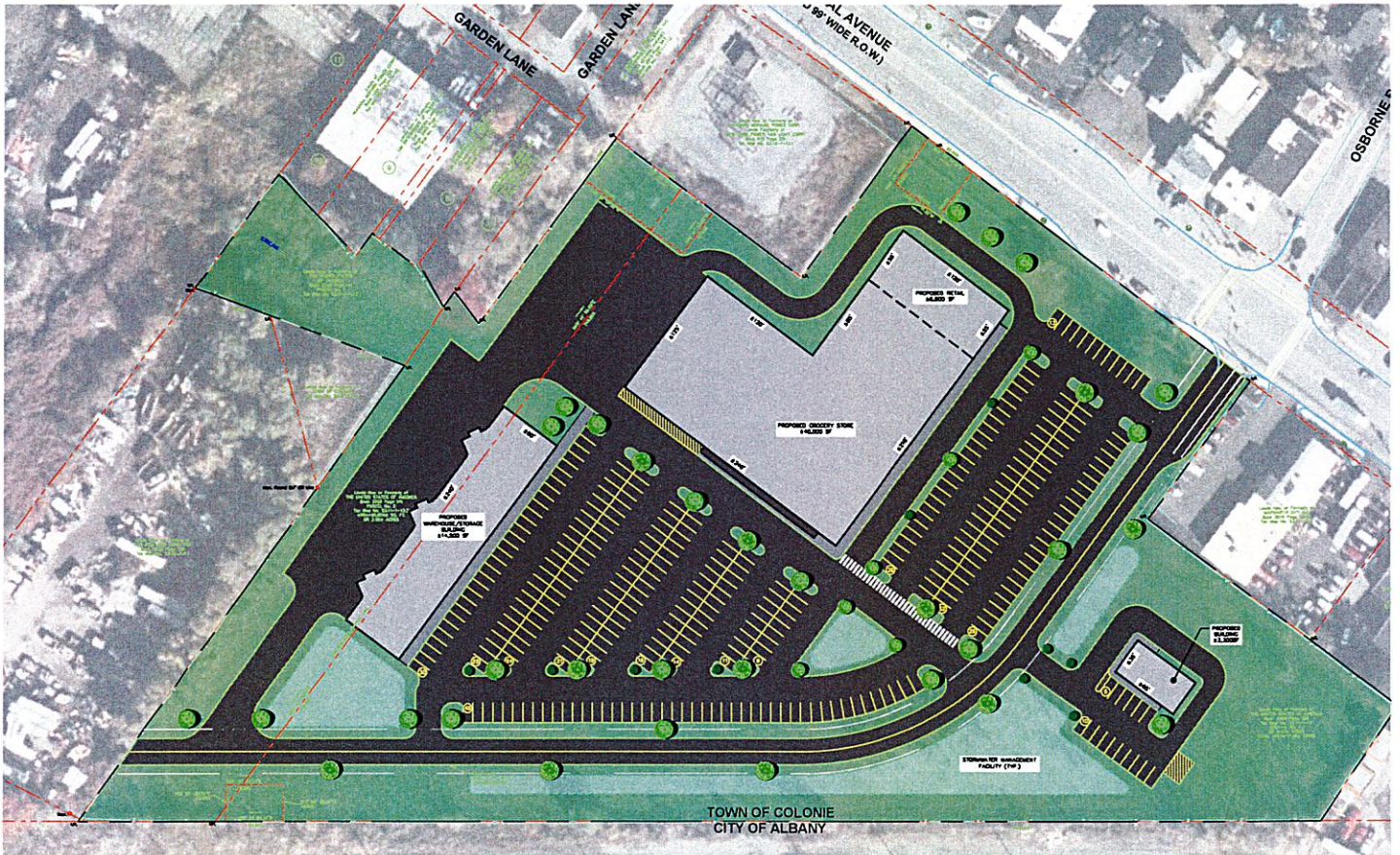
Location
East Rochester, NY

Project Completed
2012

Project Size
1,250 In ft

Services

- Site Planning
- Schematic Design
- Preliminary/Final Site Design
- Stormwater Management
- Green Infrastructure
- Construction Administration



Ren Garden Group, Inc. employed MRB Group for the site and architectural design of a 40,000 sq ft market, 11,000 sq ft retail plaza, 15,000 sq ft warehouse, and associated parking of approx. 250 spaces.

Parcel development guidelines from the Town of Colonie require a 32' roadway extension within a 60' ROW, with curb and gutter on both sides, and dedicated utilities for the Town (sanitary sewer, storm sewer, and water mains), along with dedicated stormwater management facilities.

MRB Group is providing civil planning, design and submission services, coordinating land surveying and traffic impact analysis/design completed by subconsultants. Contract drawings will include complete plans for: Site, Utility, Grading, Stormwater Management, Erosion Control, Landscaping, and Site Lighting Photometry. Engineering reports were prepared for the design of storm and sanitary sewers and water service hydraulic modeling.

The Project has been divided into two phases, and is currently in Conceptual Design of Phase 1 for the road extension, parking lot and market structure, with construction completion expected by Summer 2025.

Client
Ren Garden Group, Inc.

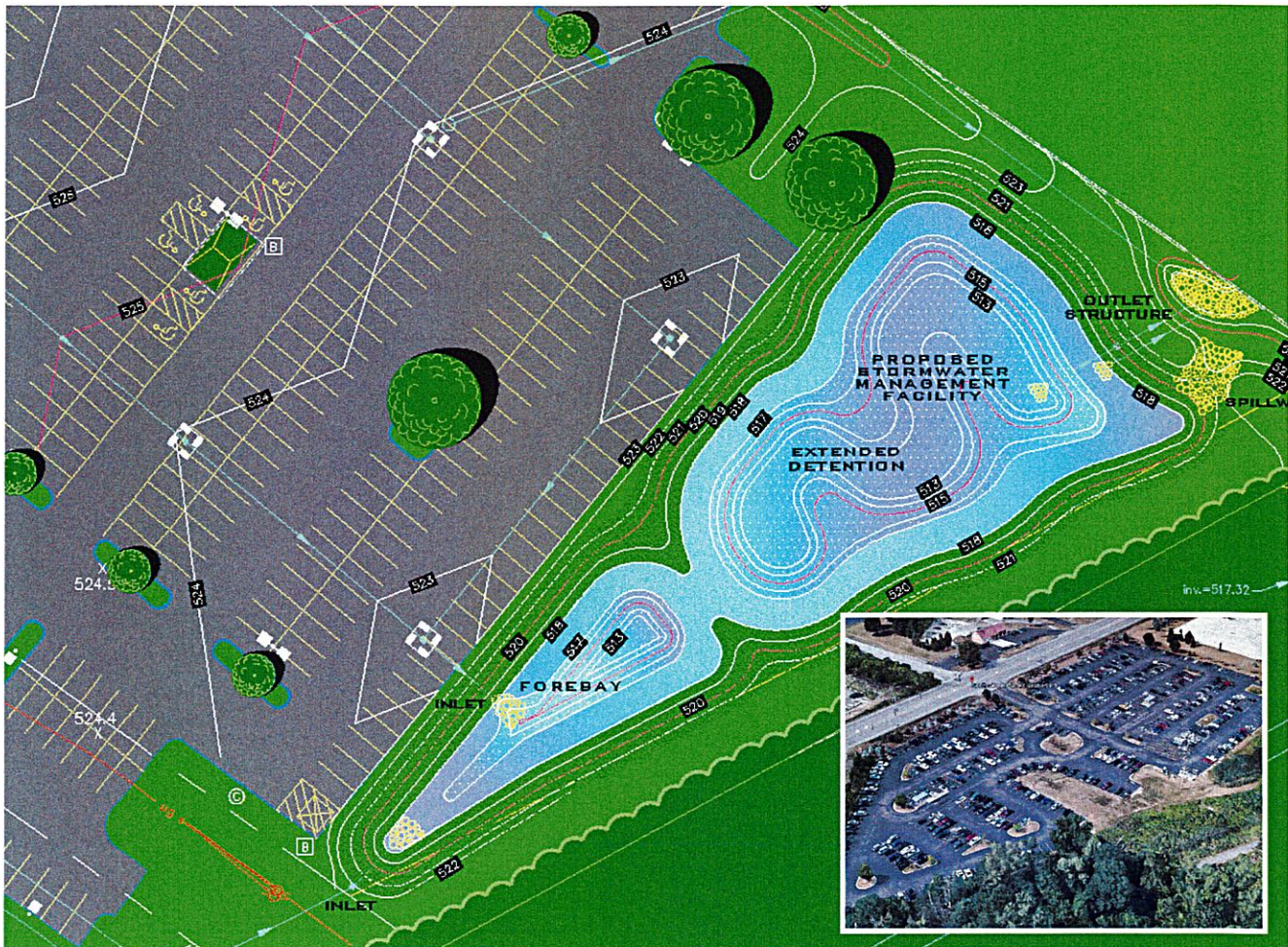
Location
Colonie, NY

Project Completed
2023 - In Progress

Project Size
11.29 acres

Services

- Site Evaluation
- Preliminary and Final Design
- Construction Documents
- Progress Plan submissions
- Permitting
- Bidding
- Construction Observation



This park and ride facility was completed for use by the University of Rochester medical staff. The project included full site plan design services, agency approvals, New York State Department of Transportation turn lane addition for Scottsville Road, stormwater inspections, final pavement construction observation, and construction administration. The facility includes 600 parking spaces, bus loading areas, landscaping, lighting, and safety measures.

This was a challenging site to construct and obtain the appropriate regulatory approval. The project required a special use permit and additional site amenities requested by the City of Rochester. Poor subsoil conditions and numerous existing utility crossings were encountered during construction.

The site was characterized by running sand, unstable clay base, buried waste materials and vegetation, hazardous materials within the right-of-way, and a high pressure petroleum line serving the Rochester Airport. The project also demanded a limited scheduling window for construction.

Client
University of Rochester

Location
Town of Chili, NY

Project Completed
2007-2009

Project Size
3 acres / 600 parking spaces

Services

- Site Evaluation
- Site Design
- Construction Documents
- Bidding
- Construction Observation
- Stormwater Management



The Town of Pittsford Municipal Parking Lot connects the commercial district of the village with the Pittsford Community Library, along with other local businesses. After a full Library demolition and reconstruction (completed in 2003), MRB Group was hired by the Town of Pittsford for the development of a new parking lot design to ease access and congestion in the heart of the Village.

MRB Group developed concept and full site plans for the Town of Pittsford Library site. Project included coordination of proposed site improvements, full site plan design, coordination with SHPO, creation of joint municipal and private parking lot, stairway access to the Erie Canal, waterfront walkway improvements, installation of signage, a traffic light, landscaping, & lighting.

Project scope also provided for:

- Parking layout for general parking and area businesses
- Demolition of the existing, deteriorated walkway
- New stamped concrete walkway and concrete stairs to the canal boardwalk
- New retaining walls to adjust for elevation differences
- Fencing modifications
- Coordination of landscaping with sub consultant
- Construction Administration and part-time observation during construction
- Coordination with the client to develop sign configuration and signage schedule

Client

Town of Pittsford

Location

Pittsford, NY

Project Completed

2003 - 2005

Services

- Site Planning
- Schematic Design
- Preliminary/Final Site Design
- Construction Administration



This Rochester-regional company wished to expand their footprint on their own corporate property, and turned to MRB Group for initial site development of the parcel and concept design for a 20,000 sq ft company building.

This project was a joint effort between MRB Group's engineering and architecture studios, to complete plans for a steel-framed structure to provide office space, a large training/conference area for 40-50 ppl, and all required support spaces.

The proposed site was located within the existing parking lot/storage area of the corporate campus. To accommodate additional parking needs, the stormwater management facility was converted to an underground stormwater detention facility. MRB Group provided documents for this design option for Town review and approvals.

Additional design calculations and contract drawings were provided for utilities (storm, sanitary and sewer), grading, erosion control, landscaping, parking areas, and site lighting photometrics. An engineering report for the design of the storm and sanitary pump station modifications, watermain hydraulic modeling, stormwater management facility and erosion control measures was provided.

Architectural design included interior/exterior design options and scheduling, conceptual modeling, building permitting assistance, and construction administration.

Client
O'Connell Electric

Location
Victor, NY

Project Completed
2022 - 2024

Project Size
20,000 sq ft

Services

- Site Planning
- Schematic Design
- Preliminary/Final Site Design
- Architectural Design
- Interior Design
- Construction Administration

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EXCEPTIONS AND ACKNOWLEDGEMENT

By submission of this proposal, MRB Group has assumed that contractual standard terms and conditions will be negotiated at the time of contract as necessary, including, but not necessarily limited to, the Indemnity Clause and any other general provisions for Architectural/Engineering Services.

If selected, MRB Group will provide an Agreement for Professional Services in a format acceptable to both the Town and MRB Group.

June 2024

PROPOSAL FOR PROFESSIONAL SERVICES
Town Hall Parking Lot Renovation

SUBMITTED TO:
Town of Ulysses
attn: Katelin Olson, Town Supervisor
10 Elm Street
Trumansburg, NY 14886

SUBMITTED BY:
MRB Group Engineering, Architecture & Surveying, DPC
The Culver Road Armory
145 Culver Road, Suite 160
Rochester, NY 14620
Bill Davis, Director of Water Resources Engineering
t: (585)381-9250
e: bill.davis@mrbgroup.com