Agenda
Town Board Meeting
December 18,2024
6:30 PM

1. Virtual Meeting Instructions - December 18, 2024

   Documents:

   12-18-24 TOWN BOARD MEETING INSTRUCTIONS.PDF

2. Pledge Of Allegiance

3. Onondaga County Legislator Mark Olson - Annual Report

   Documents:

   DEC2024 TOWN PRESENTATION POWERPOINT.PDF

4. Open Podium

5. Building Assessment Report

   Documents:

   111524 - TOWN OF MANLIUS - BUILDING ASSESSMENT - FINAL.PDF
   111524 - TOWN OF MANLIUS - DRAWINGS - FINAL.PDF
   111524 - TOWN OF MANLIUS - NARRATIVE - FINAL.PDF
   091224 - TOWN OF MANLIUS - HAZARDOUS MATERIAL REPORT - FINAL.PDF

6. Perry Springs - Report

   Documents:

   PERRY SPRINGS PARK AREA STORMWATER STUDY - 2024-12-17.PDF

7. Watershed Stewards - Report To The Community

   Documents:

   REPORT TO THE COMMUNITY-FOR AGENDA.PDF

8. Highway Department - Project Manager RFP

   Documents:

   TOWN OF MANLIUS-CHA CONSULTING INC. C132-2019 - FINAL - 12.16.24.PDF
   TOWN OF MANLIUS HIGHWAY DEPT GARAGE_CMA SERVICES_CHA CONSULTING_11-22-24 - COPY.PDF
   SCHOPFER COMMENTS AND RECOMMENDATIONS RE-CM PROPOSALS INTERVIEWS 12-6-24.PDF

9. Town Planner Proposal

   Documents:

MILLER PLANNING PROPOSAL.PDF

10. Town Of Manlius Police Department - Auction Inventory

    Documents:

    TMPD AUCTION INVENTORY MEMO.PDF

11. Set Date For Public Hearing - Kinsella Quarry Permit Renewal January 22, 2025

    Documents:

    KINSELLA QUARRY - EXISTING SPECIAL USE PERMIT.PDF
    KINSELLA QUARRY - SALT SPRINGS ROAD - APPLICATION.PDF

12. Set Date - Public Hearing - Enders Road Sidewalk District - February 12, 2025

    Documents:

    ENDERS RD SIDEWALK MPR - FINAL.PDF

13. Increased Time Off

    Documents:

    INCREASED TIME OFF AGENDA ITEM.PDF

14. Intermunicipal Agreement - Shared Services With Village Of Fayetteville

    Documents:

    IMA - BUILDING INSPECTION.PDF

15. Life Safety Inspection Vault LLC

    Documents:

    MASTER SERVICES AGREEMENT - CLEAN VERSION - 12-17.PDF

16. Appointment Of Fulltime Code Enforcement Officer - John Martino
17. Appointment Of Planning Board Member
18. Appointment Of Zoning Board Of Appeals Member
19. Board Of Assessment - Member
20. Budget Transfers

    Documents:

    BUDGET TRANSFERS - DECEMBER 2024.PDF

21. Supervisor's Reports - November 2024

    Documents:

    BALANCE SHEET.PDF

BUDGET REPORT.PDF
POOLED CASH REPORT.PDF

22. Approval Of Minutes - December 4, 2024

    Documents:

    12-04-24 - DRAFT.PDF

23. Approval Of Abstract #24

    Documents:

    ABSTRACT 24.PDF

24. Adjournment

Town of
MANLIUS
New York

December 18, 2024 – 6:30PM

Town Board Virtual Meeting Instructions

The easiest way to participate in the meeting is to use the link provided below. The meeting will be conducted on the ZOOM platform as a webinar. Please make sure that when you complete your attendee registration you enter your full name.

Click on the link or enter the meeting URL web address as listed below.

https://us02web.zoom.us/j/87180653801?pwd=MUR6K00wS09zZlozbDJ0Q0tpUU16dz09

Password to join when prompted:

Password: **613808**

Enter your email address and name and join the meeting.

Join by telephone by dialing the number below:

(929) 436-2866

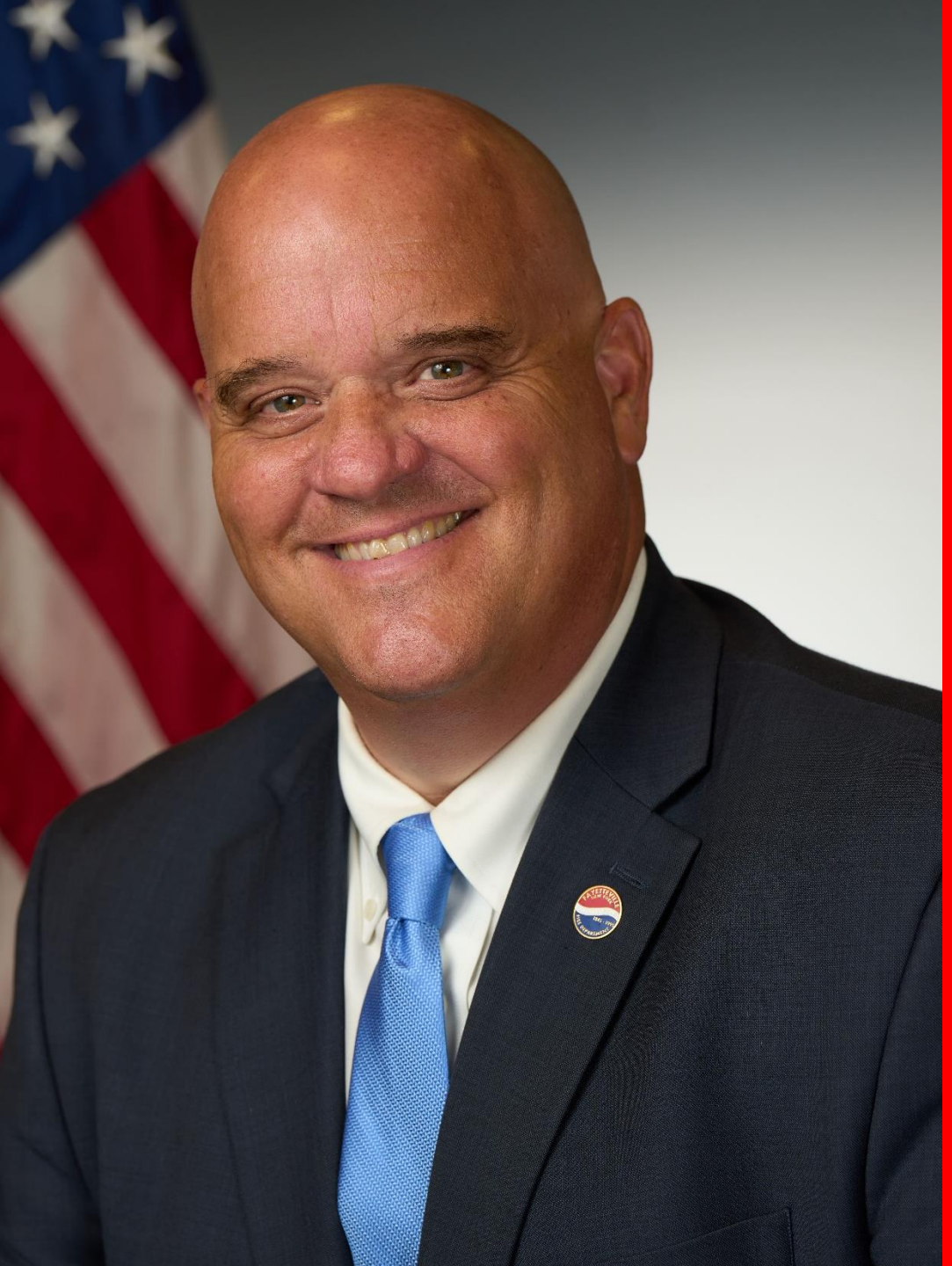
When prompted to enter the Webinar ID, use the number below followed by #

Webinar ID: 871 8065 3801

Press # again to skip the personal id and enter the password below followed by #

Password: **613808**

If this is your first time joining a ZOOM meeting you may practice using ZOOM meeting platform at https://zoom.us/test.



ONONDAGA COUNTY LEGISLATOR

MARK OLSON

10th District

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Instagram: Molson1715
Twitter: Olson_Mayor

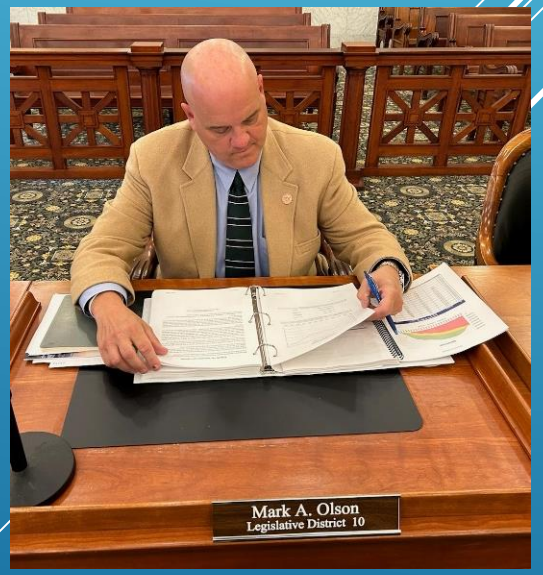
2025 Onondaga County Budget

APPROVED

A $1.5 billion dollar spending plan which specifically calls for strategic investments in the county's greatest areas of need – our children, poverty and infrastructure.

Highlights:

- 9% property tax rate reduction
- Continued investment in housing initiatives
- Continued investment in mental health programs in county schools
- $450,000 for the Onondaga County Sheriff's Office (vehicles & training)
- 15 new positions in the Department of Children and Family Services
- 4 new positions for the Board of Elections
- Substantial investments in foster care and daycare programs
- Increased funding for lead initiatives (*on top of the County's $14 million dollar 'war chest' for lead remediation*)



Update on Public Safety

Legislator Mark Olson, Chair of the Public Safety Committee

- ❑ **Accepted federal grant funding and used county dollars to replace the County's Mobile Emergency Command Vehicle**
- ❑ **Accepted grant funding from New York State**
  - **For a mental health initiative at the Onondaga County Sheriff's Office**
  - **For the acquisition of law enforcement technology & equipment (cameras, drones, computers)**
- ❑ **Authorized the Onondaga County Sheriff's Office to be part of a joint cooperative law enforcement effort - the Central New York Contraband Interdiction Team**
- ❑ **Authorized the acquisition of property in Elbridge for a communications tower**
- ❑ **Currently discussing a new county program related to drivers who do not stop for school buses with their red flashing lights on**

Update on Public Safety

Legislator Mark Olson, Chair of the Public Safety Committee

$200,000
for a comprehensive EMS study

This study will look at everything from 911 dispatch through hospital care

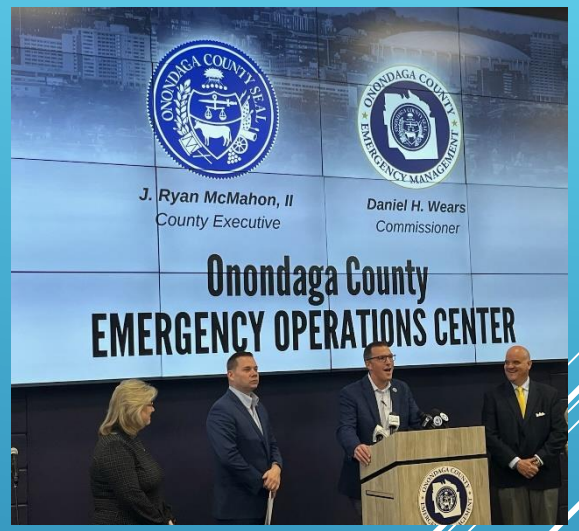
It will examine what is currently done with input from local EMS providers, hospitals and emergency management/911 officials

The study is expected to be complete in about one year and will result in recommendations on how to improve our EMS service while looking at how to best sustain it for the long term and continue providing vital services to residents

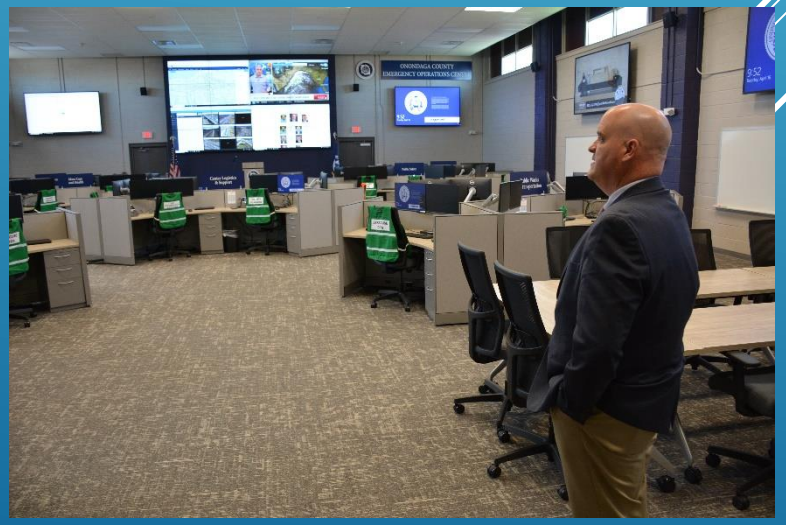
In the 10th District we are fortunate to have Fayetteville, Minoa and Manlius as transporting EMS agencies.

Update on Public Safety

Legislator Mark Olson, Chair of the Public Safety Committee



- ❑ **Opened the county's new Emergency Operations Center in Liverpool**
  - **Officials from various agencies – including hospitals, fire/ems, National Grid, transportation agencies, etc. - can all gather together to handle any type of emergency that happens in Onondaga County.**
  - **The facility is on Electronics Parkway near 7th North Street and was a former Army Reserve Center.**
  - **In 2021, then Congressman John Katko secured $1,000,000 in federal funding for the project and the following March, the Legislature approved $1,100,000 in county funding.**



Update on Public Safety

Legislator Mark Olson, Chair of the Public Safety Committee

National Night Out

An annual event to help build community-police trust and partnerships. The Town of Manlius Police Department took part as did the Onondaga County Sheriff's Office, the Onondaga County Volunteer Firefighter's Association and the Onondaga County Department of Emergency Management.

The Public Safety Committee held a meeting at the Onondaga County 911 Center. Legislators received an update on the Person In Crisis Navigation Pilot Program which provides a mental health professional response in some situations instead of a police or EMS response.

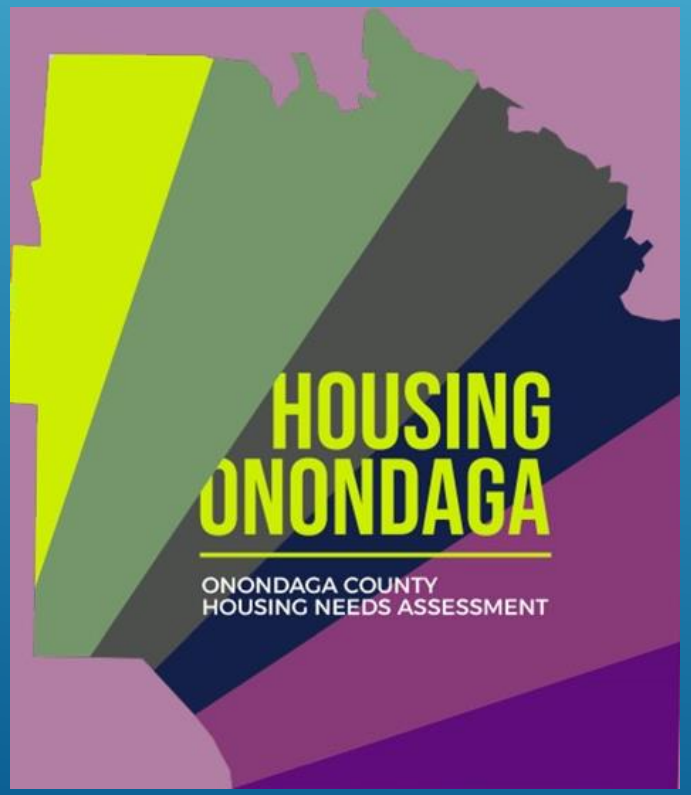
Congratulations to Officer Damien Golden of the Town of Manlius Police Department. He was honored with the Community Service Award at the District Attorney's Advisory Council Awards & Scholarship Luncheon.

Officer Golden is a School Resource Officer at Fayetteville-Manlius High School.

HOUSING IN ONONDAGA COUNTY

Onondaga County recently shared the results of a housing study and now has a plan to move forward

Data is really the key to knowing where we are and what we have to do to meet the needs of our community



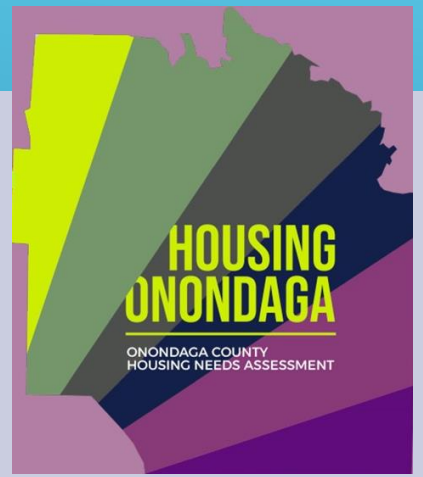
Housing Market Challenges of the Mid-2020s

1. Onondaga County remains a soft regional market.
2. Syracuse is not competitive within the broader county market.
3. More rental units are needed outside Syracuse.
4. Suburban renters face affordability challenges.
5. Suburban sprawl undermines the county's housing market.
6. Onondaga County needs more diverse for-sale products.

Future Housing Needs

1. Onondaga County could grow by 24,000 households by 2040.
2. Countywide, net new households would be fewer than two people on average.
3. Syracuse could have over 7,000 new households by 2040.
4. The rest of the county could have nearly 17,000 new households by 2040.
5. It is uncertain how many of the new households will be owners or renters.
6. The number of senior renters is projected to grow by 8,000 countywide by 2040, with 75% outside Syracuse.

HOUSING IN ONONDAGA COUNTY



Strategy Assumptions

Any future strategy to address housing needs and opportunities must recognize the following basic assumptions:

Achieving desired housing market outcomes will not be easy.

Municipalities must play the lead role in planning for and regulating housing development.

Onondaga County must play the lead role in developing and deploying financial assistance to the private sector where necessary.

Most municipalities have limited professional expertise, but Onondaga County has professional staff that can assist.

HOUSING IN ONONDAGA COUNTY

Where are we?

- Over 15,000 housing units in development or in process
- Includes multifamily and single family homes
- Projects occurring all over Onondaga County

Twin Ponds project

300+ new apartments on N. Burdick Street

COUNTY FUNDING FOR THE TOWN OF MANLIUS

Secured in 2024 by Legislator Mark Olson

$10,000 for flooding analysis & assessment in the area of Fayetteville-Manlius Road & Perry Springs Park

- Properties here experience frequent recurrences of flooding during rainfall events
- Funding will allow for professional analysis and assessment of the drainage watershed through this corridor
- A hydrologic watershed model will be utilized to assess conditions during 2-year, 10-year, 50-year and 100-year storm events
- The analysis will provide preliminary recommendations for improvements to reduce the recurrence of flooding

$10,000 for vibration monitoring in the area of Kinsella Quarries

- This monitoring will provide recommendations to the Town Board in regards to mitigating any negative impacts to the health, safety and welfare of Town residents stemming from current and proposed uses of the Quarry
- Solar powered, remote-accessible monitoring stations will measure ground vibration and air overpressure and compare it to the applicable criteria for ground vibration and air overpressure

Funding to continue deer culling across Onondaga County

MAIN STREET MUNICIPAL GRANT PROGRAM

Investing in and improving our 10th District

FAYETTEVILLE:

- $467,617 in Onondaga County grant funding to assist 10 properties with façade improvements
- Business owners are responsible for a portion of costs, and contributed an additional $245,838

Doyles Books	225 Brooklea
Rose Cottage	214 S Manlius
Paul Karaz Shoes	414 E Genesee
Dentist	100 N Burdick
Creative Environment School	531 E Genesee
Unique Center	410 E Genesee
Revitalize	522 E Genesee
Freedom of Espresso	128 W Genesee
Bull n Bear	411 E Genesee
Bullis	419-21 E Genesee

MINOA:

- $443,762 in Onondaga County grant funding to assist 10 properties with façade improvements
- Business owners are responsible for a portion of costs, and contributed an additional $147,921

New Tavern - $102,984
Parkway Pizza - $96,500
Scotty's Automotive - $87,410
Coneheads Ice Cream - $83,360
Trappers II Pizza & Pub - $68,334
Cutting Edge - $63,050
Mixed-use property - $56,078
Perry Real Estate Holdings - $27,359
Charlie's Tavern - $6,609

TOGETHER, AN INVESTMENT TOTALING OVER $1.3 MILLION DOLLARS!

FAYETTEVILLE'S NEW MURAL

Made possible with funding from Onondaga County

Located at Brooklea Drive and Elm Street

The Onondaga County Legislature approved grant funding for CNY Arts to disperse to creative and artistic causes in the county

Following an application and review process, this mural project was chosen and received some of those funds

Artist Mark Noble says:

- The mural features Gustav Stickley, Matilda Joslyn Gage, Wellwood Middle School and Beard Park
- The stone arch matches the stone foundations featuring landmarks throughout the village

BROADBAND PROJECT

Work in underserved areas of Onondaga County is almost complete!

With $11.1 million in funding provided as part of the American Rescue plan and a nearly $7 million dollar investment from Verizon, almost $18 million is being spent on bringing all-fiber, high-speed broadband services to over 1,500 locations in the County.

"Verizon is focused on delivering broadband service, and the major economic benefits associated with it, to Central New York. We are pleased to work with Onondaga County to achieve our common goal of increasing broadband access for unserved and underserved areas in the State. This project will significantly help to close the digital divide in that region."

Kevin Service, Senior Vice President of Wireline Network Operations for Verizon

Syracuse Metropolitan Transportation Council

Legislator Mark Olson, Member of SMTC Planning Committee

The Villages of Minoa, Fayetteville, and Manlius Bicycle & Pedestrian Connections Study

Recently completed study looking at improving pedestrian and bicycle safety on roadways in the Town of Manlius and how to use those improvements to better connect the Villages of Minoa, Fayetteville and Manlius and the parks and trails within them.

Among the recommendations:

- **Creating designated bike lanes by widening the shoulders of roads through the narrowing of travel lanes and/or expanding the pavement**
- **Adding new sidewalks or expanding upon the existing sidewalk network and ensuring they are a minimum of 5 feet wide**
- **Creating 10 to 15 foot wide multi-use paths separated from driving lanes**
- **Increasing signage and pavement markings on heavily-traveled roads**
- **Creating neighborhood-scale trails which allow for pedestrian connections to other trails, sidewalks, or destinations**

PHOTO GALLERY

Earth Day cleanup in Fayetteville

Attending President Biden's speech at the MOST

Honoring 105-year-old Stan Stanley with a Gold Seal

At WEP Fest with Legislator Cody Kelly

Painting the teal strip in Minoa ahead of the Teal Ribbon Run

Legislator Richard McCarron and I meeting with Onondaga County Fire Advisory Board Chairman James Perrin Jr.

At ON Farm Fest with the county's new Planning Director, Troy Waffner

Marking Veterans Day in Fayetteville

With Onondaga County Executive Ryan McMahon to announce county support for a new partnership designed to help our school students learn more about the Holocaust.

Volunteering as a dog walker at Canine Jamboree

At a Syracuse Mets Game

Getting an update on state issues and initiatives from Minority Leader Assemblyman Will Barclay

Committee Appointments

- CHAIR, Public Safety
- MEMBER, Planning & Economic Development

Other Appointments

- Criminal Justice Advisory Board
- Soil & Water Conservation District Board
- Stop DWI Advisory Board
- Syracuse Metropolitan Transportation Council (SMTC) Planning Committee

FOLLOW ME ON SOCIAL MEDIA

LegislatorMarkOlson

Olson_Mayor

Molson1715

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Committee meetings and monthly Sessions are live-streamed

TOWN OF MANLIUS

BUILDING ASSESSMENT

VIP ARCHITECTURE

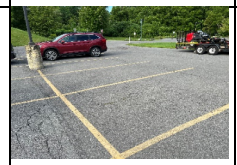
IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

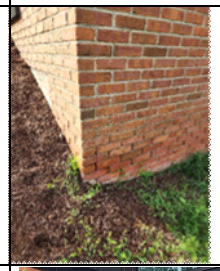
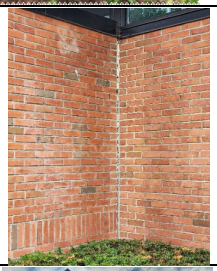
Date: 11/15/2024

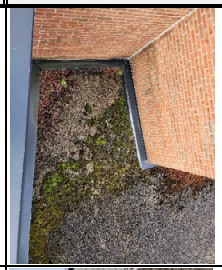
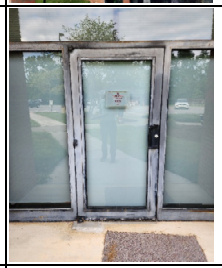
Building Assessment:
Project: Town of Manlius Town Hall
Number: 24-5808

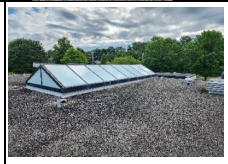
Date: 11/15/2024

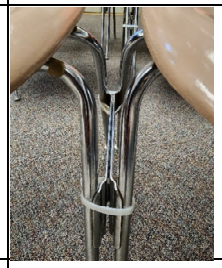
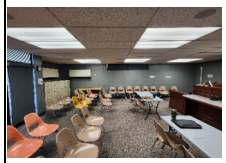
Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
1	**General**	Accessibility	Original building and addition were constructed before ADA was a requirement. Building does not meet current ANSI 117.1 accessibility requirements. accessible design & circulation including; entries, bathrooms, lack of elevator					x	Redesign areas to meet all current ADA requirements. Cost dependent on extent of work.	TBD
2	**General**	Door Hardware	Doors hardware & access control are outdated. Existing exterior doors use physical keys.				x		Replace door hardware with modern, accessible hardware that is equipped with electronic access control	TBD
3	**General**	Sprinklers	Original building and addition constructed without a sprinkler system as they were not required at the time.						Building addition could require adding sprinkler system to existing facility	TBD
4	**General**	Windows	Windows vary in condition from good to poor.		x				Replace windows/fenestration as needed	TBD
5	**Site**		The upper asphalt drop loop (lot #1), upper asphalt parking area (lot #2) and lower asphalt parking lot (lot #3) asphalt is in poor condition.			x			Five year plan - The asphalt areas which are in poor condition shall be sawcut and replaced. The remainder of the parking lot shall include the following: cleanout and fill all asphalt cracks, apply asphalt sealcoat and apply pavement markings to address ADA compliant requirements. 20 year plan- The upper and lower asphalt parking lots shall Replaced.	$ 425,000
6	**Site**		The concrete sidewalks are in poor condition. The current raised sidewalks adjacent to asphalt do not include curbing making them susceptible to snow plow damage. The current flush ramps do not meet ADA accessible curb ramp requirements. There are additional curb ramps required on the site.			x			Install new concrete sidewalks in compliance with all current ADA requirements.	$ 100,000
7	**Site**		The concrete curb on site is in poor condition. Granite curbing is present along the edge of parking Lot #1 and is in good condition.			x			There are several locations where the removal of curb would allow for easier snow removal. Additionally, new concrete curbing shall be installed in conjunction with new concrete sidewalks. Granite curbing installation is recommended at all standalone curb islands. Due to construction constraints, granite curbing replacement in Lot #1 may be required when asphalt replacement occurs.	$ 32,500
8	**Site**		The stairs are in good condition. Stair riser height/run is compliant, however, handrails do not comply with ADA regulations.		x				Repair concrete surface and install concrete coating system. Replace with ADA compliant handrails on either side of each stair.	$ 23,900

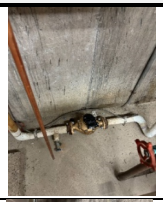
Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
9	Site		The storm system appears to be in good condition. The storm pipes which are not visible are most likely the original pipes which are approximately 35 years old. These pipes will most likely require replacement within the next 10 years.		x				Inspecting the existing pipes to determine material and condition is recommended.	$ 32,500
10	Site		The existing sanitary line is approximately 35 years old and is most likely from the original construction. This line should be replaced within the next 10 years.		x				Replace existing sanitary line. Additionally, in order to accommodate the building expansion the line may have to be upsized to accommodate the increased flows in addition to replacement.	$ 65,000
11	Site		The existing water line is approximately 35 years old and provides the building with potable water. The line is most likely from the original construction. This line should be replaced within the next 10 years.		x				Replace existing water line. Additionally, in order to provide an updated fire protection system the line will have to be upsized to accommodate the potable and fire protection system water needs.	$ 65,000
12	Site		Existing light fixtures are functioning but do not appear to provide uniform light.			x			Replace existing light poles and light bollards. Having a consultant develop a lighting photometrics plan to meet Village/community needs for nighttime users of the building is recommended.	TBD
13	Site		The lawns are well maintained and in good condition.	x					There is an opportunity to provide more depressed lawn areas for snow storage and runoff infiltration.	
14	Site		The plant beds are well maintained and in good condition.	x					There is an opportunity to reduce mulching costs by reducing the size of plant beds or adding more plants to the existing plant beds.	$ 13,000
15	Site		Wayfinding signage is in good condition and adequately serves the site.		x				If the building and site is expanded the wayfinding/ directional signage will need to be updated.	$ 4,000
16	Site		ADA requires an accessible route to the building for all functions within the building. Existing ADA routes need improvements					x	Incorporate ADA accessible routes as part of concrete pavement replacement.	Refer to item #6

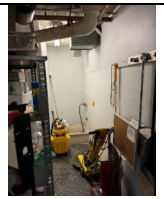
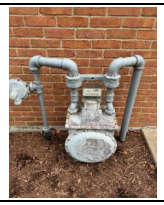
Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
	Site		Flagpole installed on the sidewalk and is low to the ground		x				Existing Flag poles should be replaced, and installed on a new concrete pad.	$ 45,000
17	**Building Exterior**		Masonry mortar joints deteriorating at northeast corner of building				x		Repoint masonry where necessary	$ 65,000
18	**Building Exterior**		Expansion joint material has failed at both main entries on first floor				x		Remove old expansion joint material and replace with new	$ 8,000
19	**Building Exterior**		Roof leak under fascia			x			Remove fascia and replace with new. Clean masonry before installation of new fascia.	TBD

Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
20	Building Exterior		Roof in poor shape. Vegetation growth on built up roofing			x			Remove and replace entire roof	$ 585,000
21	Building Exterior		Soffit deteriorating in multiple locations at roof overhangs			x			Remove and replace soffit as necessary	$ 23,400
22	Building Exterior		Storefront entry system at courtroom, all the entry vestibules, clerestory in the meeting room, and the front façade are rusting, fading, overall poor condition			x			Remove and replace all storefront system	$ 200,000
23	Building Exterior		Roof at large gathering room drains into open roof leader.				x		Replace roof drains, rainwater leaders, and any other accessories as necessary	$ 6,000

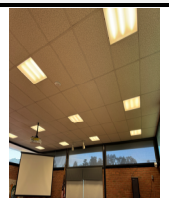
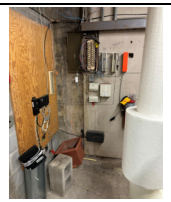
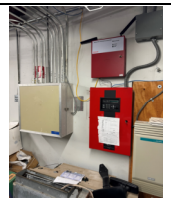
Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
24	Building Exterior		Existing roof drains			x			Existing roof drains in fair condition. If new roof is being provided, replace roof drains.	Refer to item #19
25	Building Exterior		Skylight leaks			x			Skylight sealant and rainwater leaders around skylight are failing causing water to leak into the building. A new skylight system is recommended.	$ 97,500
26	Building Interior		Crack in foundation causing leaks				x		Excavate and apply waterproofing membrane from exterior side of wall.	$ 68,250

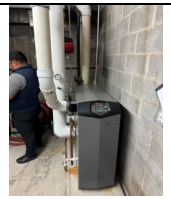
Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
27	Building Interior		Rainwater leaders leaking in multiple locations, damaging drywall and ceilings					x	Replace roof drains, rainwater leaders, and any other accessories as necessary	$ 65,000
28	Building Interior		Lack of proper court furniture causing safety concerns					x	Replacement of existing furniture with court approved furniture, fixtures, and equipment	TBD
29	Building Interior		Court lacks space and does not meet the "Guidelines For New York State Court Facilities" for multiple reasons including but not limited to; space, finishes, furniture, security, circulation, acoustics,					x	Renovate entire court space to meet current codes & NYS Courts guidelines. Replace all furniture, fixtures, and equipment with NYS court approved equivalents.	TBD

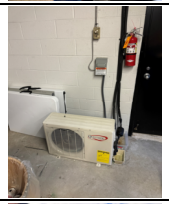
Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
30	MEP		Existing domestic water service water meter	x					Provide reduce pressure backflow preventer, would need to find a place for relief from the backflow preventer.	$ 7,500
31	MEP		Main shut off valve on domestic water service and piping are gate valves. Gate valves will fail and possibly leak and trouble turning system off if needed.			x			Replace gate valve with full port stainless steel ball and stem. Replace gates valves on domestic hot and cold water.	$450 each
32	MEP		Existing water heater building recirculating pump, in bad condition, rusted. Valves are gate valves at water heater.			x			Replace existing circulating pump.	$ 3,250
33	MEP		Existing gas fired 40 gallon Reliance water heater installed in 2013. Expected lifespan is 15 years.			x			Water heater should be replaced.	$ 4,000
34	MEP		Existing Lavatories and faucets in good condition.	x					Fixtures shall remain until major bathroom renovation.	

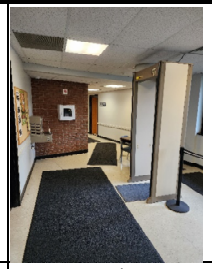
Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
35	MEP		Existing urinal and flush valve in good condition .	x					Fixtures shall remain until major bathroom renovation.	
36	MEP		Existing floor mounted tank top toilet are in good condition.	x					Fixtures shall remain until major bathroom renovation.	
37	MEP		Existing water cooler out of order.				x		Replace existing with water cooler/bottle filler.	$ 3,250
38	MEP		Existing mop service basin and faucet in good condition.			x			Provide stainless steel wall covers to protect the walls.	$ 1,000
39	MEP		Existing gas entrance, meter rated for 800 cfh. 2" gas service enters the building. National Grid meter number T3911923	x					Existing meter shall remain.	

Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
40	MEP		The service equipment is a 600A, 120/208V, 3 phase with C.T. cabinet and main disconnect switch.	X					Provide a new 1,200A, 208Y/120V, 3 phase, 4 wire service to accommodate the building addition. The existing 600A, 208Y/120V, 3 phase, 4 wire electrical distribution will be fed from the new service	$ 130,000
41	MEP		The service equipment is a 600A, 120/208V, 3 phase main distribution panel with one meter.	X					Panelboard to remain and be reused for branch circuits.	
42	MEP		Branch panelboard.MP (Square D 'NQOB').		X				Panelboard to remain and be reused for branch circuits.	
43	MEP		Branch panelboard (Square D 'NQOB').		X				Panelboard to remain and be reused for branch circuits.	
44	MEP		Branch panelboard LP2 (G.E. 'AF43S').		X				Panelboard to remain and be reused for branch circuits.	

Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
45	MEP		The interior lighting consists of fluorescent fixtures and is in fair condition. The exterior lighting consists of HID fixtures and is in fair condition.			X			Provide new interior and exterior LED lighting, poles, pole bases, lighting controls, and occupancy sensors as required by the NYS Energy Conservation and Construction Code	$ 195,000
46	MEP		Telecommunications/data equipment appears to be in good condition. Spare capacity of the system is unknown.	X					Reuse existing telecommunication equipment, upgrade as required	
47	MEP		The fire alarm is a conventional zoned system (4 zones), Silent Knight model SK-5208. The system was installed within the last ten years. CO detection and notification devices were not present.	X					Addressable fire alarm system shall be provided to accommodate addition and consists of: •Provide pull stations at building exits. •Provide smoke detectors and horn/strobes in corridors, lounges, lobbies, meeting rooms, and mechanical rooms. •Provide strobes in restrooms. •Provide duct type smoke detectors for all HVAC equipment over 2000 cfm. •Provide monitor modules to monitor sprinkler system tamper and flow switches. •Provide fire alarm annunciators at major building entrances. •All spaces served by, or containing, a carbon monoxide producing source shall have carbon monoxide detection with alarm to the building fire alarm system.	$ 130,000
48	MEP		The security system is with Spectrum (Brinks). Spare capacity of the system is unknown.		X				Upgrade security system as required. This is an Owner furnish system. Provide boxes and raceways at locations directed by the security system vendor.	$ 65,000
49	MEP		The existing fan coil units are approximately 30 years old The units are operable but past their useful life.			X			Units are past their useful life, Recommend replacement.	$ 65,000

Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
50	MEP		Old PTAC units serving perimeter offices with hot water heat. Operable but past their useful life.			X			Units are past their useful life and are inefficient. Recommend replacement.	$ 30,000
51	MEP		Old varitrane VAV box with hot water reheat.			X			Units are past their useful life, recommend replacement.	$ 130,000
52	MEP		Inline hot water circulating pumps				X		Pumps are past their useful life, in poor condition, recommend replacement	$ 9,750
53	MEP		Hot water boiler - Lochinvar replaced in 2014	X					Boiler is in good condition and still within its life expectancy. Boiler shall remain.	
54	MEP		Dehumidification units for paper room			X			Unit is past its useful life and recommend replacement where required	$ 13,000
55	MEP		Central air handling unit with DX coil and no heat. Unit is in poor condition and has issues with airflow due to a restricted plenum return.			X			Unit is past its useful life, inefficient cooling, inefficient airflow. Recommend replacement.	$ 195,000

Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
56	MEP		Existing JCI controls. Controls are obsolete and not controlling all equipment within building. Multiple units utilize local controls.				X		Replace existing control system and incorporate all HVAC equipment.	$ 104,000
57	MEP		Split ac unit for server room. Condensate is leaking in room.			X			Unit is past its useful life and experiencing maintenance issues. Recommend replacement.	$ 13,000
58	MEP		Condensing unit for server room indoor unit. Located within garage.			X			Unit is past its useful life and located in an area that reduces efficiency. Recommend replacement.	Refer to item # 57
59	MEP		Condensing unit for central AHU. Unit and piping insulation is in poor condition.			X			Unit is past its useful life, recommend replacement.	$ 65,000
60	MEP		Perimeter fin tube. Fin is in fair condition, enclosures are functional.		X				Fin tube should be replaced and resized to work with the new HVAC system.	$ 45,500
61	Security	Panic Buttons	Panic button are outdated and need upgrades						Replace security/panic alarm system	$ 19,500

Item #	Section	Item/Image	Observation	Good	Fair	Poor	Very Poor	Non Compliant	Recommendation	Estimated Cost
62	**Security**		Shared court entrance can cause confusion, needs improvements.					x	Provide dedicated court entries for public, transports, court staff	$ 19,500
63	**Security**	Emergency Lights	Emergency lights are outdated and need upgrades					x	Repair/replace emergency lights as needed to meet current building code	Refer to item # 45

TOWN OF MANLIUS

CONCEPT DESIGN DRAWINGS

SHEET INDEX

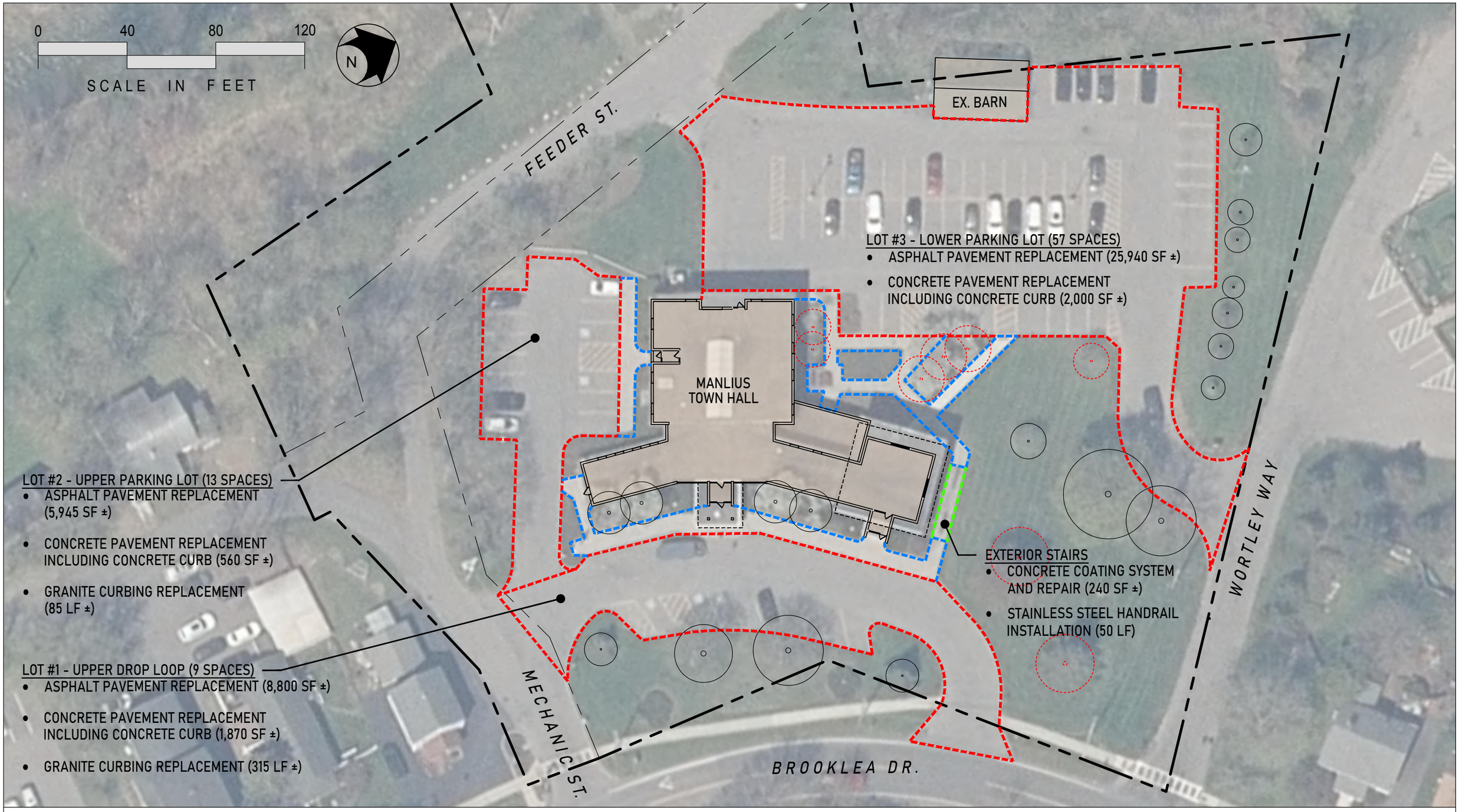
G-001	COVER SHEET
SK-101	LOWER LEVEL PLAN - EXISTING
SK-102	FIRST FLOOR PLAN - EXISTING
SK-103	LOWER LEVEL PLAN - CONCEPT
SK-104	FIRST FLOOR PLAN - CONCEPT

VIP ARCHITECTURE

IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

Date: 11/15/2024



VIP ARCHITECTURE

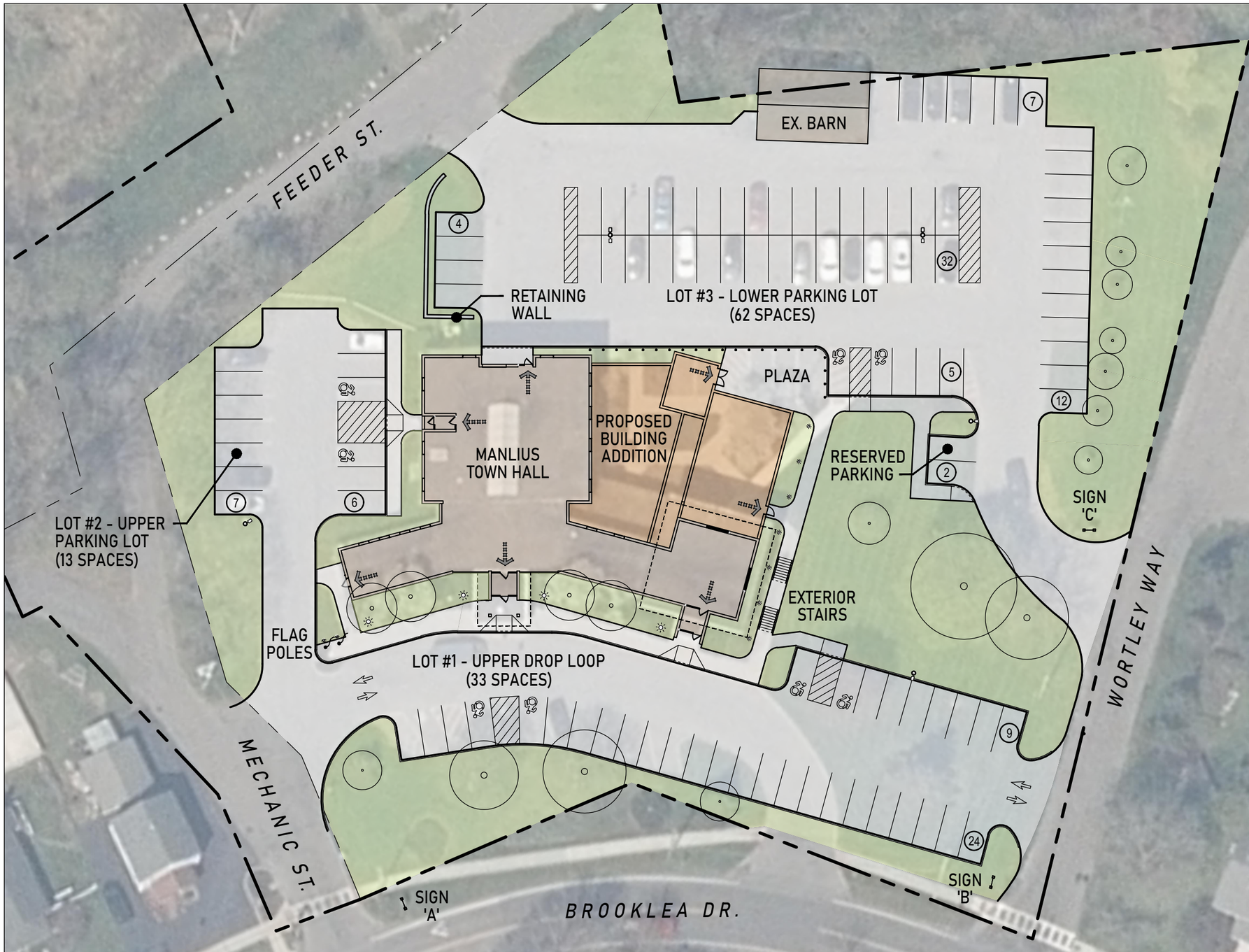
IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

Existing Conditions Plan

301 Brooklea Dr, Fayetteville, NY 13066

Date: 15 November, 2024
Project Number: 44106
Drawing Number: L-100



ZONING and PARKING DATA

ZONING:	P - PUBLIC/ MUNICIPAL LAND 2.80 ACRE LOT
USE:	MUNICIPAL OFFICE
EXISTING PARKING COUNT:	LOT #1 - UPPER DROP LOOP: 9 SPACES LOT #2 - UPPER PARKING LOT: 13 SPACES LOT #3 - LOWER PARKING LOT: 57 SPACES 79 SPACES TOTAL (7 ACCESSIBLE)
PROPOSED PARKING COUNT:	LOT #1 - UPPER DROP LOOP: 33 SPACES LOT #2 - UPPER PARKING LOT: 13 SPACES LOT #3 - LOWER PARKING LOT: 62 SPACES 108 SPACES TOTAL (8 ACCESSIBLE)

SITE AMENITIES LEGEND

- DUAL FIXTURE LIGHT POLE
- SINGLE FIXTURE LIGHT POLE
- PEDESTRIAN SCALE LIGHT POLE
- UPLIGHT
- LIGHT BOLLARD
- BOLLARD
- FLAGPOLE
- DIRECTIONAL SIGN

0 40 80 120

SCALE IN FEET

N

VIP ARCHITECTURE

IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

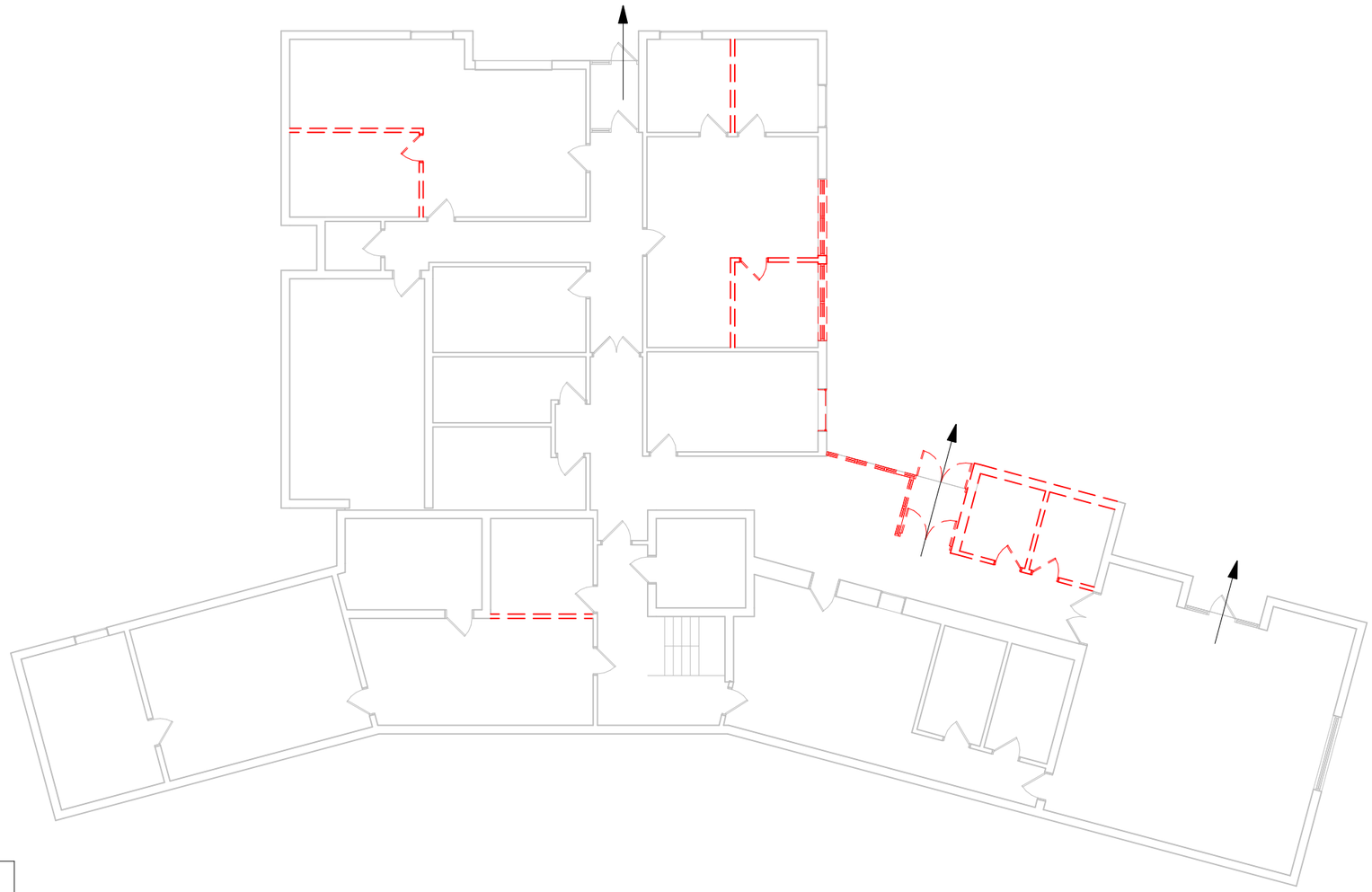
Conceptual Site Plan

301 Brooklea Dr, Fayetteville, NY 13066

Date: 15 November, 2024
Project Number: 44106
Drawing Number: L-200

FLOOR PLAN LEGEND:

- EXISTING TO REMAIN
- PROPOSED REMOVAL
- NEW CONSTRUCTION
- SECURED DURING COURT
- ENTRY/EXIT



EXISTING SQUARE FOOTAGE

Existing	LOWER LEVEL	7,418.10 SF
Existing	FLOOR 01	7,055.00 SF
		14,473.10 SF

0' 4' 8' 16' 32' 48'

SCALE: 1/16" = 1'-0"

VIP ARCHITECTURE

IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

Date: 11/15/2024

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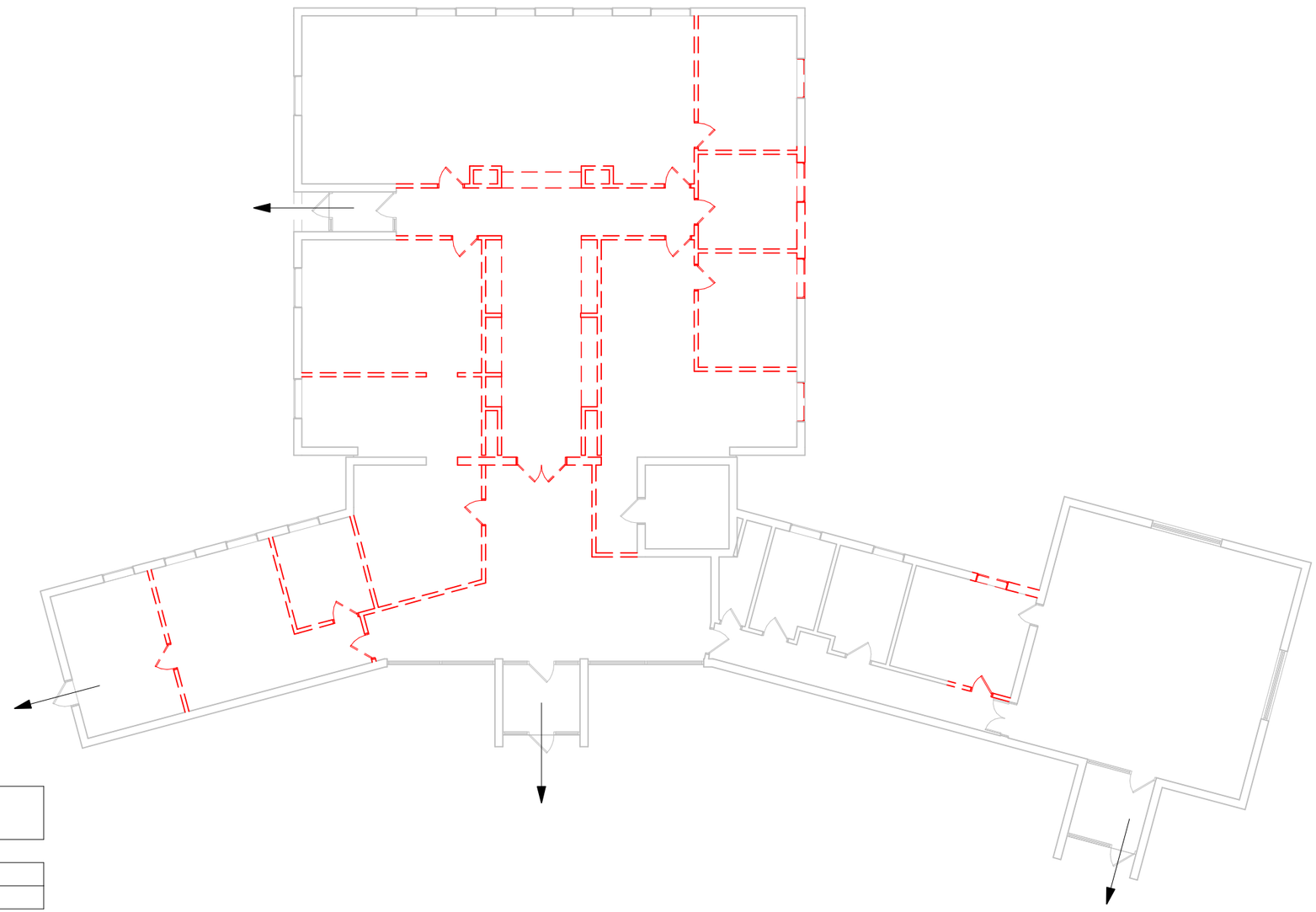

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VIP ARCHITECTURE

IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

Date: 11/15/2024

BUILDING AREA LEGEND

- COURT
- LOBBY
- MAINT.
- MECH
- MULTI PURPOSE
- RECREATION
- SHARED
- STAFF
- STORAGE
- TOWN HALL
- TOWN MANAGEMENT
- TOWN OFFICES

FLOOR PLAN LEGEND:

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- PROPOSED REMOVAL
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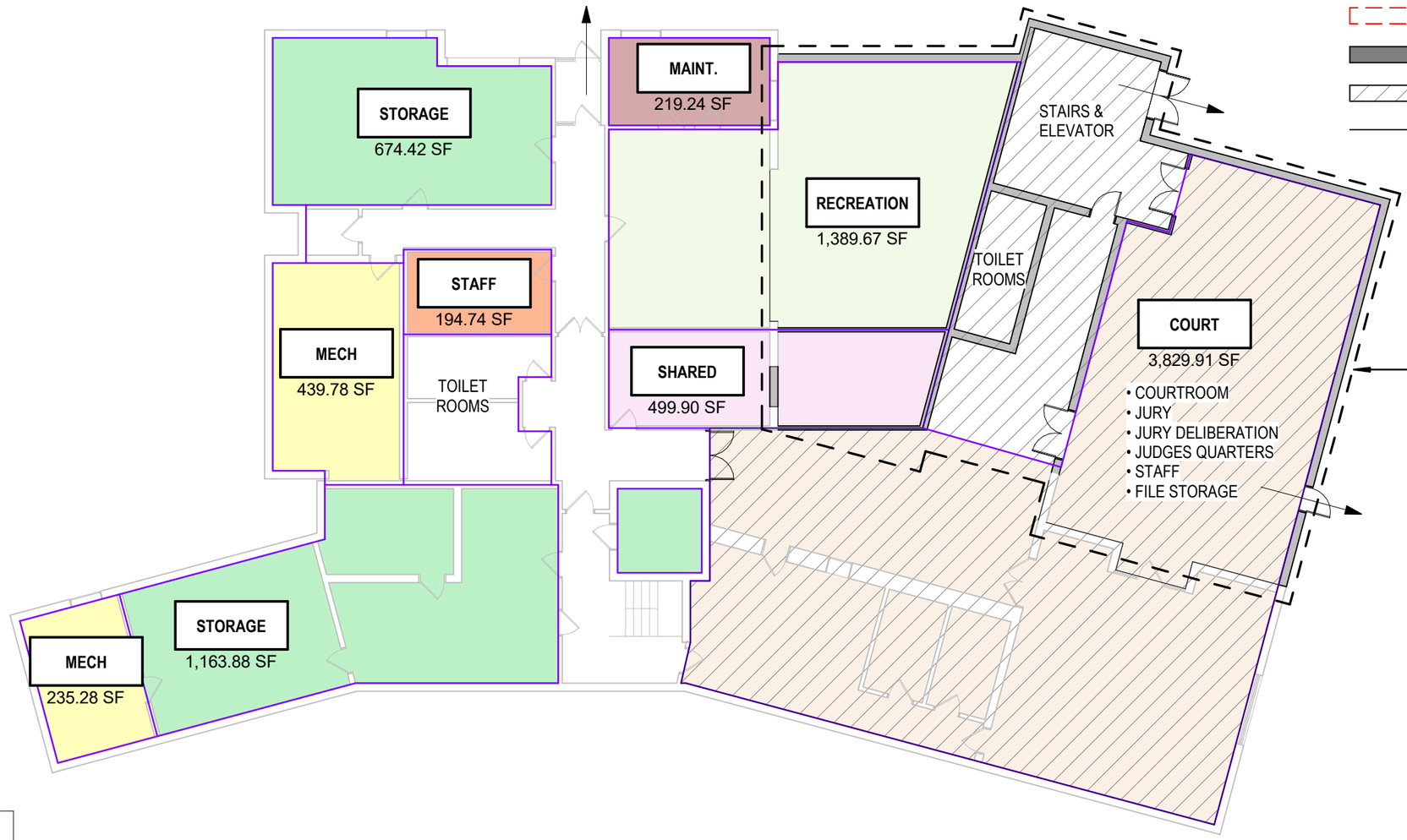
- ENTRY/EXIT



SQUARE FOOTAGE

Existing	LOWER LEVEL	7,418.10 SF
Existing	FLOOR 01	7,055.00 SF

New Construction	LOWER LEVEL	3,622.68 SF
New Construction	FLOOR 01	4,191.91 SF
		22,287.68 SF

0' 4' 8' 16' 32' 48'

SCALE: 1/16" = 1'-0"

VIP ARCHITECTURE

IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

Date: 11/15/2024

BUILDING AREA LEGEND

- COURT
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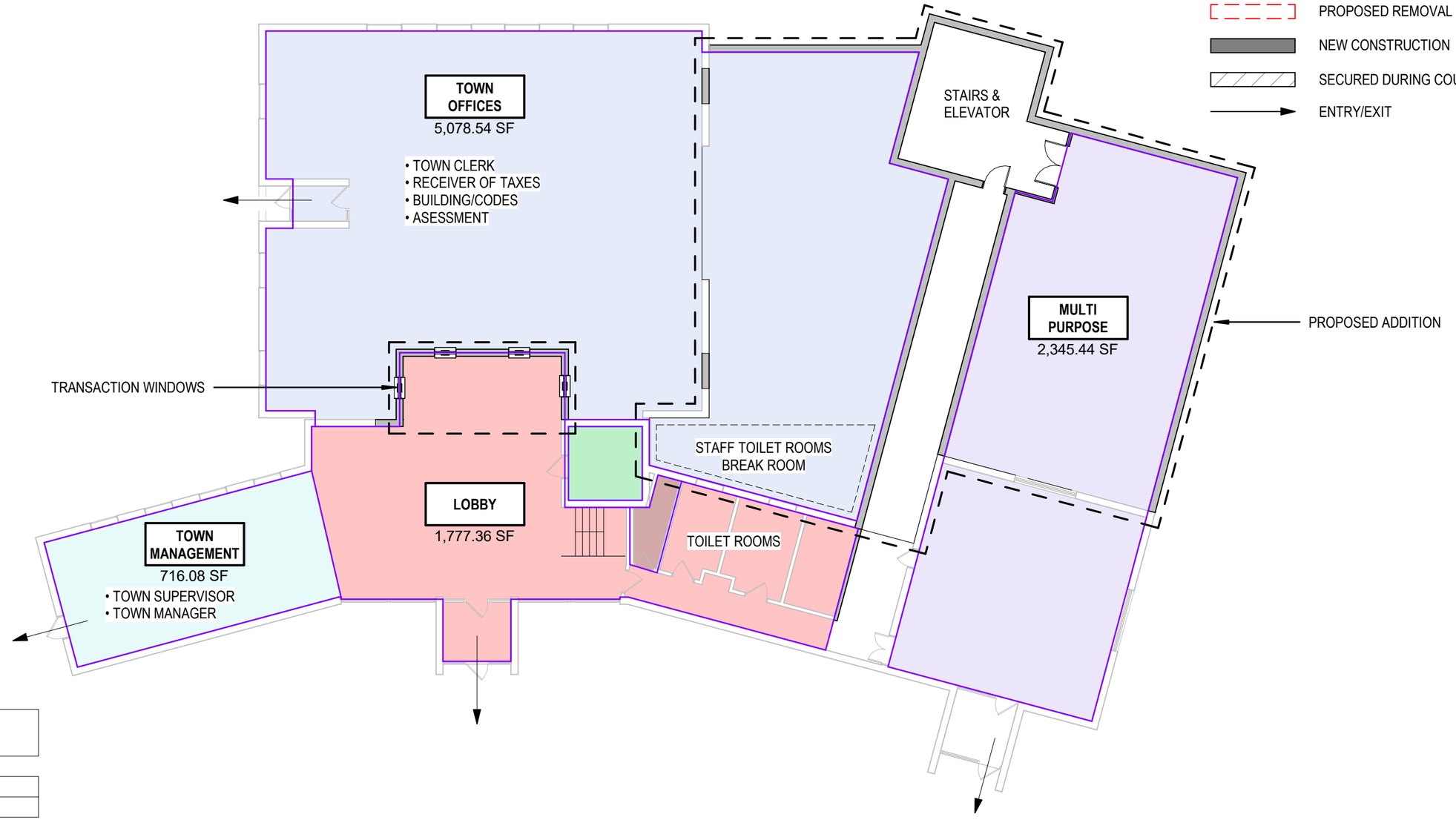

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VIP ARCHITECTURE

IPD ENGINEERING

KEPLINGER FREEMAN ASSOCIATES
LANDSCAPE ARCHITECTURE

Date: 11/15/2024

Manlius Town Hall

Building Conditions Assessment

November 15, 2024

VIP Architectural Associates, D.P.C.
101 S. Salina St.
Syracuse, NY 13202

IPD Engineering, Inc.
101 S. Salina St.
Syracuse, NY 13202

Keplinger, Freeman Associates
Landscape Architecture & Land Planning
6320 Fly Rd. Suite 109
East Syracuse, NY 13057

TABLE OF CONTENTS

1. Executive Summary
2. Existing Site Description
3. Existing Building Description
4. Building Assessment
5. Facilities Shortcomings
6. Recommendation
7. Probable Cost and Exclusions
8. Appendix
    a. Hazardous material report
    b. Building assessment
    c. Concept design drawings

1. EXECUTIVE SUMMARY

The Town of Manlius Town Board has engaged VIP Architectural Associates to provide this building conditions assessment of the existing Town Hall and grounds located at 301 Brooklea Drive. VIP Architectural Associates (VIPAA) contracted with additional consultants to complete this study including IPD Engineering (structural, mechanical, electrical, and plumbing) and Keplinger Freeman Associates (site).

We understand that the goal of this report is to identify the facilities' shortcomings and make recommendations that will restore the structure into good operating condition, increase accessibility, and provide a functional Town Hall and courtroom for the community.

This report is based on analysis of key building systems stated below, several site visits conducted by VIPAA and its consultants, as well as interviews with staff who occupy the Town Hall on a day-to-day basis. The analysis used the requirements in the 2020 Building Code of New York State, Guidelines for New York State Court Facilities, Section 34.0 amended Dec 12, 2023, 2017 ICC/ANSI A117.1- Accessible and Usable Building Facilities, and all required codes that apply to the facility and grounds.

Additionally, we utilized previous assessments of the Town Hall, courtroom, and police facilities. The first study was dated October 1999 completed by Quinlivan Pierik & Krause (QPK) and the second one was dated April 2018 completed by King + King Architects. This report will focus only on the Town Hall and courtroom facilities. Some of the items mentioned in the previous reports will be reiterated as they are currently still relevant.

This report will review the current conditions and summarize our recommendations in the following areas:

- Identify all building systems that require major upgrades to maintain the facilities' current use including windows, roofs, domestic water, parking, etc.
- Interview all departments within the Town Hall and courtroom to identify shortcomings of the current space and future/current needs to help better service the public
- Develop a strategy for replacement/upgrades to the heating, ventilation, and air conditioning (HVAC) systems and control systems
- Determine the feasibility of adding an elevator to the two story building, as well as any accessible upgrades needed to bring the facility to code. This includes restrooms, water fountains, curb cuts, transaction windows, and entrances into the building/meeting room/court area
- Develop a recommendation to provide adequate security for the facility. This includes reconfiguration of existing spaces, adding additional square footage to the building, and providing separate entrances for the court facility and Town Hall
- Identify all life safety concerns throughout the facility.
- Provide a building condition survey worksheet that will group various building elements into the following conditions:
    - "Good" Condition – limited work needed in the next 20 years, perform required maintenance only
    - "Fair" Condition – Will exceed expected useful life within 20 years, requires repairs
    - "Poor" Condition – Should be addressed and/or replaced in next 5 years
    - "Very Poor" Condition – Not currently functional

    - "Non Compliant" Condition – Does not meet current code requirements and will need to be upgraded
- Provide an estimated cost to repair each system as a standalone task, if possible
- Provide a pre-renovation hazardous material survey to identify locations of any asbestos containing materials, Polychlorinated Biphenyls (PCBs) and lead based paint

2. EXISTING SITE DESCRIPTION

- The existing site sits between the business zone on Brooklea Drive and the residential zones within the Village of Fayetteville. The zoning requirements for the site are not clearly defined within the Village of Fayetteville zoning code
- The site backs against Limestone creek and jogging paths.
- The South and East side of the building are at grade with Brooklea Drive. The West and North sides of the building slope away toward the creek, providing access to the ground floor.
- The multilevel building has split parking Lot # 1 – upper drop loop, Lot #2 – upper parking lot, and the largest lot, Lot # 3 – lower parking lot.
- There is no accessible path connecting the two levels of parking or entrances into the facility. If you need access to the Town Hall staff and the courtroom area, you would need to drive to and from the different parking lots.
- A new three bay storage building was constructed in 2017 to provide additional storage for the recreational department, which is located on the lower floor of the Town Hall.

3. EXISTING BUILDING DESCRIPTION

- The existing facility is approximately 14,500 square feet, split between two levels. The original building was built in the 1960s and there was an addition and renovation in the 1980s.
- The roof is a flat, ventilated built-up roof with internal rainwater leaders. The upper roof over the board meeting room drains into an open rainwater leader.
- All exterior doors are keyed, some have automatic door operators.
- The facility has one central stairwell that connects the upper and lower portions of the building.
- The Town Hall portion has a centrally located foyer with a recently replaced skylight. The Tax Receiver, Assessment, Town Clerk, and Town Planning and Zoning Offices service the public at 3 transaction windows.
- The Town Supervisor office and meeting room is located on the upper level of the building, adjacent to the foyer for the remaining Town Hall offices.
- The Recreation Department is in its own wing on the lower level, adjacent to the Courtroom entrance. This department also has a 3-bay garage storage facility located adjacent to the lower parking lot.
- Storage of sensitive material such as building plans, permits, ledgers, courtroom documents, and wedding certificates are distributed throughout the building.
- Existing restroom facilities are shared with the public, Town Hall staff, and Court staff.
- The building consists of a mixture of HVAC Systems
    - The 1986 addition is served by a central indoor air handling unit that has a split DX

cooling coil, no heat. The air handling units (AHU) associated 20 Ton condensing unit is using an obsolete refrigerant (R-22). The addition is served by multiple variable air volume (VAV) boxes and utilizes a return air plenum. The VAV boxes are equipped with hot water reheat coils for individual temperature controls.
    - The original building is served by a mixture of fan coil units, packaged terminal air conditioners (PTACs), and perimeter fin tube radiation.
    - The heating plant consists of a hot water boiler and dual circulating pumps that deliver hot water throughout the building. The boiler has a capacity of 700 MBH and was replaced in 2014.
- The building has a Johnson control system that does not function as intended, requiring local controls that do not communicate with other systems.
- The courtroom is located on the lower level which shares a common entrance and lower parking area with the Town Hall.
    - All courtroom visitors, staff, police, and dependents come through the same entrance.
    - The 900 SQ FT for the court room / waiting areas isn't large enough to handle the number of court cases reviewed on a typical night (+/- 100 cases)

4. BUILDING ASSESMENT

Envelope / Structural / Finishes

- The roof has moss growing in shaded areas along with soft spots in the insulation. These are signs the roof has reached its life expectancy. As per discussions with the building engineer, the roof is due for replacement, and the latest attempts to fix leaks has caused the leak to migrate along the roof.
- Atrium windows and flashing have been replaced within the past 10 years, however leaks continue to persist due to the age of the roof. The town has replaced over 40 windows throughout the facility, except for the store front windows at the entrance of the facility. The East facing store front experiences solar heat gain which increase interior temperatures.
- There are two large vaults adjacent to the stairwell located on the first and second floor, which appear to be load bearing.
- Within the 1960s portion of the building, active leaks are present along the perimeter of the foundation wall.
- The flooring consists of carpet, vinyl composite tile (VCT), and ceramic tiles. Some staining and discoloration as expected due to the age of the flooring. Majority is in good condition.
- The existing ceilings consist of a combination of drywall bulkhead, concealed spline, and a variety of acoustical ceiling tiles. A majority of the tiles show signs of age, coloring, and sagging.
- A variety of metal doors are present throughout the facility. All appear to be in working order and in good condition.
- Doors do not have accessible hardware or access controls.

Heating and Cooling

- In the renovated areas the indoor AHU, VAV boxes, and outdoor condenser are in poor

condition and well past their useful life. Using a return air plenum can cause airflow issues due to the a lack of return air.

- The remaining areas use a mixture of equipment, all past their current life expectancy. The fin tube lacks controllability and does not operate in conjunction with the rest of the HVAC systems.
- The boiler is in good condition, however the circulating pumps are original to the building and are inefficient and require replacement.

Electrical and Telecommunication Services

- The service equipment is a 600A, 120/208V, 3 phase main distribution panel with one meter. The distribution panel (G.E. 'QMR') is in good condition.
- The branch panelboards MP and LP (Square D 'NQOB') and LP2 (G.E. 'AF43S') are in fair condition. Panelboard MP shows signs of corrosion and should be replaced.
- The lighting consists of fluorescent and incandescent fixtures that are in poor condition. Lighting should be replaced with energy efficient LED fixtures and lighting controls.
- Telecommunications/data equipment appears to be in good condition. Spare capacity of the system is unknown.
- The facility does not have an emergency back up generator.

Plumbing

- **Domestic water Service**
  - Existing (single line) domestic water service enters the basement with a gate valve and drops down to valves and meter; piping is insulated.
  - Gate valves on the water service are not in good condition and should be replaced.
  - There is no backflow prevention on the domestic water service.

- **Sanitary**
  - The existing sanitary service is underground, not visible and there has not been any issues, piping is assumed to be in good working condition.

- **Storm**
  - The existing storm is in good condition.
  - Existing roof drains are in good condition. Some roof drains were obstructed by debris and should be cleared.
  - The high roof drains onto the lower roof via an open rain leader and should be replaced.

- **Gas Service**
  - The existing gas service is provided by National Grid; meter located on the outside of the building, rated for 800 cfh 2” gas service, enters the basement and serves the water heater and boiler.
  - The gas service is in good working condition.

- **Hot Water Heater**
  - The existing gas fired 40-gallon hot water heater located in the mechanical room was installed in 2013, and is approaching the end of its anticipated life span (15 years)

  - The water heater should be replaced.

- **Hot and cold-water piping**
  - The water piping is in good condition and insulated. Valves on the domestic hot and cold water are gates valves.
  - Valves are not in good working condition and should be replaced
    .
- **Plumbing Fixtures**
  - The existing lavatories, water closets, and urinals are in good condition.
  - Mop service basin is in good working condition. Existing walls are damaged from presence of water. Wall protection should be considered.

Life Safety / Accessibility

- The fire alarm is a four (4) zone system (Silent Knight model SK-5208). The system was installed within the last ten years. Spare capacity of the system is unknown. There doesn't appear to be any Carbon Monoxide detection and notification devices.
- No sprinklers are installed in the building; however they were not required at the time the building was constructed. If any alterations take place, the building will be required to be code compliant.
- There is no accessible path between floors.
- The existing transaction windows for the Town Hall and the courtroom are not ADA compliant for either the staff or the public.
- The judge's bench isn't accessible.

5. Facilities Shortcomings

- Town Hall Function:
  a. There is a need for a private office for the Building Code Official as well as a layout space for the assessor and code officials for large format prints.
  b. A dedicated scanning area is needed for documents processed through the Town Clerk and Building Code Official.
  c. Proper climate controlled long term storage is needed for Town Hall staff.
  d. A private meeting area/room is needed for Town Hall staff to meet with the public. Currently any disputes are discussed in the open.
  e. Existing transaction windows do not meet current accessibility requirements and need an upgrade to meet today's technological requirements.
  f. Office of Recreation needs additional storage.
  g. The board room is too small for large gathering.
- Courtroom Function:
  a. Currently there is not enough room to separate public parties, or separate the incarcerated and the public.
  b. There is no parking or separate entrance for transporting incarnated defendants into the courtroom.

c. There is no separation between the Judge, the prosecutor, and the defendant. The current configuration has a separation less than 10 feet between each party.
d. There are acoustical issues due to the multiple HVAC units within the courtroom and check-in is located within the courtroom.
e. The courtroom is roughly 900 SQ FT. Per the `lines for New York State Court Facilities, Section 34.0 amended Dec 12, 2023, a minimum of 1,200 SQ FT is needed, plus ancillary spaces which the current facility does not have. Some recommended spaces are:
    i. Jury deliberation room
    ii. Jury box within the courtroom area.
    iii. Separate entrances for staff and public.
    iv. Dedicated, secure attorney client interview rooms.
    v. Holding facility for incarnated persons.

- Security between the public and Town Hall staff is a recurring issue.
- Existing parking does not accommodate increased attendees/vehicles during special events at the Town Hall, such as Town Hall meetings and court nights.
- Mechanical, electrical, and plumbing systems have exceeded their life expectancy. See Town of Manlius – Building Assessment worksheet for further breakdown of individual systems.

6. Recommendations

Due to the age of the facilities, surpassing the life span of the mechanical systems, and facilities shortcoming of both the Town Hall and courtroom, a significant renovation and addition is recommended. The cost and effort to repair all of the existing systems to a good condition would not fix all of the shortcoming listed above. One of the primary issues is the lack of an accessible route within the Town Hall. Unfortunately installing an elevator within the footprint of the building would cause additional space shortages, as the current footprint doesn't accommodate the function of the building.

The original 1960's construction and the 1980's renovation could not have anticipated the need of a modern Town Hall and courtroom. The increase in the size of the town, the need to keep vital documents on premises, and the state requirements for the courtroom, have pushed the program needs beyond what the current building can comfortably support. The proposed design would incorporate all necessary upgrades to meet current codes. Including:

- Installing an addressable fire alarm system
- Installing a fire sprinkler throughout the facility
- HVAC systems and controls
- A two-story elevator
- Additional egress stairwell

The proposed design incorporates new programmatic requirements for the Town Hall functions as well as the courtroom's need. The addition was sited based on existing infrastructure and functions of the facility to minimize the cost and impact to parking. The addition will hold new public restrooms, keep the courtroom functions separate from the Town Hall, and will alleviate security concerns. A conceptual site plan was created to show added parking on both the upper and lower lots to help facilitate the current needs.

The probable cost for the construction of a new addition and the renovation of the existing building would be:

Renovation :	**$4,000,000 - $5,000,00**
Addition:	**$5,000,000 - $7,000,00**
Total:	**$9,000,000 - $12,000,000 ***

*Probable cost includes 10% design contingency and 20% construction contingency.

7. Probable Cost and Exclusions

- Abatement of Hazardous materials is excluded from the probable cost, as the scope of work and timing will affect the cost.
- Current costs are based in 2024. A 7-10% increase per year should be expected.
- The recommendation and costs are based on one phase, where the functions of the court are located elsewhere during the time of the renovation. Additional phases are not included in the scope or estimate.
- No cost for temporary relocation is included, as the scope of work will affect the requirements for the relocation and length of time.
- Furniture, Fixtures, and Equipment (FFE) have been excluded in this study due to the unknown requirements and overall range of product selections available.
- No geotechnical testing was conducted as part of this study.
- This is our opinion of the probable cost of the recommended work. These costs should be considered approximate at this time. In providing opinions of probable construction costs, please understand that we have no control over the price of labor, equipment, materials, or any contractor's method of pricing. We make no warranty, expressed or implied, as to the accuracy of such estimates as compared to bid or actual costs.

Barton & Loguidice

September 12, 2024

Mr. Rob Shutts, Principal
VIP Architecture
101 N. Salina Street
Syracuse, New York 13202

Re: Pre-Renovation Asbestos Survey, Lead Paint Characterization and PCB Caulk Sampling
Manlius Town Hall – 301 Brooklea Drive, Fayetteville, New York

File: 570.017.001

Dear Mr. Shutts:

This letter and attachments represent Barton & Loguidice, D.P.C.'s (B&L's) report for the above-referenced project.

Introduction

B&L was retained by VIP Architecture to conduct a pre-renovation asbestos survey and lead-based paint characterization at the Manlius Town Hall located in Fayetteville, New York. Samples of suspect PCB exterior caulk were submitted for PCB analysis.

The survey was conducted by Michael Goff and Jeff Brandon of B&L on September 4, 2024. Mr. Goff and Mr. Brandon are New York State Department of Labor (DOL) certified asbestos inspectors. A copy of each inspector's certification and B&L's company license are provided in Appendix A.

Discussion and Results

Asbestos Sampling

The survey included accessible areas of the lower and upper floors, roof and exterior. Representative sampling was conducted throughout. Friable samples were collected in triplicate and submitted for analysis by polarized light microscopy (PLM) with dispersion staining. Friable samples were analyzed utilizing serial analysis. Non-friable organically bound (NOB) materials were analyzed in accordance with New York State Department of Health requirements. NOBs are first subjected to an ashing and acid washing procedure to properly break down the material. The sample is then analyzed by PLM for asbestos content. If asbestos is found, the analysis is complete. However, a negative result must be confirmed by using transmission electron microscopy (TEM). If TEM analysis results show that the asbestos content is <1%, the material was considered non-asbestos containing. All samples were analyzed by AmeriSci of New York, Inc. located in New York, New York.

443 Electronics Parkway, Liverpool, NY 13088 ▪ Office: 315-457-5200 ▪ Fax: 315-451-0052 ▪ BartonandLoguidice.com

The experience to listen
The power to solve

The survey included the collection of friable PLM triplicate sample sets and NOB duplicate sample sets. Laboratory reports, sample chain-of-custody forms, and laboratory certifications are included in Appendix B. Material sample results are summarized in the table below.

Manlius Town Hall – Asbestos Sample Results					
Sample Number	**Material Description**	**Estimated Quantity**	**Condition/ Friability**	**Lab Results (% Asbestos)**	**Material Location**
WLSH-1-1,2,3	Typical Sheetrock	N/A	N/A	NAD	Walls throughout
VB-2-1,2	Black Paper Vapor Barrier	N/A	N/A	NAD	Behind sheetrock on perimeter walls
CLLI-3-1,2	2'x4' Dimple & Pinhole Ceiling Panel	N/A	N/A	NAD	Rooms 100 & 101
GLUE-4-1,2	Yellow Carpet Glue	N/A	N/A	NAD	Under carpeted areas
FRSTP-5-1,2	Red Firestop	N/A	N/A	NAD	Wall penetrations
BBD-6-1,2	Black Cove Base	N/A	N/A	NAD	Lower level
BBDMAS-7-1,2	Yellow Cove Base Mastic	N/A	N/A	NAD	On vinyl cove bases
CAULK-8-1,2	Black Caulk	N/A	N/A	NAD	Between aluminum window frames and brick
JC-9-1,2,3	Joint Compound	N/A	N/A	NAD	On sheetrock
FLVCT-10-1,2	12"x12" Tan/Grey Mottled Floor Tile	N/A	N/A	NAD	Throughout
GLAZE-11-1,2	**Black Window Glaze**	**1 SF**	**Good/Non-Friable**	**3.5% Chrysotile**	**Reinforced glass in corridor doors to Courtroom**
TFOIL-12-1,2	Tar-Foil Pipe Wrap	N/A	N/A	NAD	On older fiberglass pipe insulation
BBD-13-1,2	Brown Cove Base	N/A	N/A	NAD	Courtroom
BBD-14-1,2	Grey Cove Base	N/A	N/A	NAD	Court Clerk
CLLI-15-1,2	2'x4' Fissure & Pinhole Ceiling Panel	N/A	N/A	NAD	
CAULK-16-1,2	Grey Interior Window Caulk	N/A	N/A	NAD	Court Clerk teller window
DUCT-17-1,2	Grey Duct Sealant	N/A	N/A	NAD	Garage 109 – between sections of metal ductwork
TAPE-18-1,2	Black Tar Tape	N/A	N/A	NAD	Garage 109 – on AC compressor line
FLMAS-19-1,2	Black w/ Yellow Floor Tile Mastic	N/A	N/A	NAD	Under 12"x12" floor tile, on concrete
GROUT-20-1,2,3	Grey Ceramic Floor Tile Grout	N/A	N/A	NAD	Bathroom flooring
THIN-21-1,2,3	Grey Ceramic Floor Tile Thin-Set	N/A	N/A	NAD	Bathroom flooring
SEALANT-22-1,2	White Fiberglass Insulation Sealant	N/A	N/A	NAD	Boiler Room piping
TRZ-23-1,2,3	Red Terrazzo Stairs	N/A	N/A	NAD	Interior stairs & landing

Manlius Town Hall – Asbestos Sample Results					
Sample Number	**Material Description**	**Estimated Quantity**	**Condition/ Friability**	**Lab Results (% Asbestos)**	**Material Location**
TRZ-24-1,2,3	Black Terrazzo Flooring	N/A	N/A	NAD	Upper level original vintage, under carpeting
BBDMAS-25-1,2	Tan & Brown Cove Base Mastic	N/A	N/A	NAD	Board Room, on brick wall
CLTL-26-1,2	1'x1' Dimpled Ceiling Tile	N/A	N/A	NAD	Upper level splined ceiling
WLSH-27-1,2,3	Green Paper Sheetrock	N/A	N/A	NAD	Upper level bathrooms
WLPL-28-1,2,3	Smooth Wall Plaster	N/A	N/A	NAD	Upper leveler bathrooms, behind WLSH-27
WLSH-29-1,2,3	Backer Board	N/A	N/A	NAD	Behind smooth wall plaster
FLVCT-30-1,2	**9"x9" Grey Mottled Floor Tile**	**200 SF**	**Good/Non-Friable**	**2.2% Chrysotile**	**Upper level safe – presumed in lower level safe**
FLMAS-31-1,2	Black 9"x9" Floor Tile Mastic	N/A	N/A	NAD	Under 9"x9" floor tile
FLASH-32-1,2	**Silver Painted Roof Flashing**	**2,100 SF**	**Fair/Non-Friable**	**3.8% Chrysotile**	**Roof perimeter & curb flashing – both vintages**
BUR-33-1,2	Built-Up Roofing	N/A	N/A	NAD	Main roof – under stone ballast
VB-34-1,2	Black Vapor Barrier	N/A	N/A	NAD	Main roof – under fiberglass insulation, on metal deck
CAULK-35-1,2	Grey Skylight Caulk	N/A	N/A	NAD	Rear addition – skylight glazing/caulk
CAULK-36-1,2	Tan Roof Flashing Caulk	N/A	N/A	NAD	Rear addition
BUR-37-1,2	Built-Up Roofing	N/A	N/A	NAD	Rear addition – under stone ballast
CAULK-38-1,2	White Exterior Caulk	N/A	N/A	NAD	On white stone aggregate panels
CAULK-39-1,2	Black Siding Caulk	N/A	N/A	NAD	On metal trim over front windows
CAULK-40-1,2	Grey Exterior Caulk	N/A	N/A	NAD	Expansion/control joints & door frame to Supervisor
CAULK-41-1,2	**Old Tan Caulk**	**3 SF**	**Fair/Non-Friable**	**5.4% Chrysotile**	**Around door frame to Court**
VB-42-1,2	**Black Vapor Barrier**	**TBD**	**Fair/Non-Friable**	**5.9% Chrysotile**	**Tar on rear addition foundation**
PANEL-43-1,2,3	White Stone Aggregate Panel	N/A	N/A	NAD	Front entrance overhang
CAULK-44-1,2	Grey Exterior Caulk	N/A	N/A	NAD	Roof flashing near front entrance
WLSH-45-1,2,3	Exterior Sheetrock	N/A	N/A	NAD	Overhangs

NAD: No Asbestos Detected
N/A: Not Applicable
Trace: Less than 1.0 % asbestos (non-ACM)

Asbestos sample locations are illustrated on the attached figures. Of the materials sampled for asbestos, black window glazing on interior door glass, 9”x9” floor tile, exterior door caulk, silver painted roof flashing, and exterior foundation vapor barrier are asbestos containing as per laboratory analysis. Additional asbestos door glazing may be present on other doors.

Should unidentified or unassessed materials be discovered during the renovation work, it should be assumed to be ACM and should be sampled to identify material as non-ACM. NYS Coder Rule 56 requires a copy of this report be provided on site for all contractors to review during the work. A copy must also be sent to the local government entity charged with issuing renovation permits or, if no such permit is required, to the town or city clerk where the building is located.

PCB Caulk Sampling Results

As noted above, exterior caulking samples were analyzed for PCB content. PCB caulk samples were analyzed by Phoenix Environmental laboratories, Inc. located in Manchester, Connecticut.

PCB Sample Results		
Sample ID	**Material Description**	**Results (PCB ppm)**
Manlius Town Hall		
CAULK-8	Black Caulk - between aluminum window frames and brick	< 0.73 mg/kg
CAULK-35	Grey Skylight Caulk - rear addition, skylight glazing/caulk	<0.86 mg/kg
CAULK-36	Tan Roof Flashing Caulk - rear addition	<0.83 mg/kg
CAULK-38	White Exterior Caulk - on white stone aggregate panels	<0.88 mg/kg
CAULK-39	Black Siding Caulk - on metal trim over front windows	<0.94 mg/kg
CAULK-40	Grey Exterior Caulk - expansion/control joints & door frame to Supervisor	<0.79 mg/kg
CAULK-41	Old Tan Caulk - around door frame to Court	<0.72 mg/kg
CAULK-44	Grey Exterior Caulk - roof flashing near front entrance	<0.91 mg/kg

mg/kg = part per million (ppm)

If PCBs are found in caulking at concentrations greater than 50 ppm at the time of disposal, then this material would be considered a PCB Bulk Product Waste and therefore regulated under TSCA. Per laboratory analysis, all samples collected were below the level of detection and therefore not considered PCB regulated waste.

Lead Based-Paint Sampling

The lead-based paint characterization included the collection of 6 paint chip samples and was comprised of all layers. The lead-based paint laboratory report is included in Appendix D and the paint sample results are summarized in the table below.

Manlius Town Hall – Lead-Based Paint Sample Results						
Sample Number	**Painted Component**	**Component Substrate**	**Color**	**Condition**	**Location**	**Result (% lead)**
P-1	Wall	Sheetrock	Blue/Grey	Good	Corridor	<0.0033
P-2	Door Trim	Metal	Black	Good	Throughout	<0.025
P-3	Wall	Sheetrock	Purple	Good	Court Clerk	<0.0029
P-4	Wall	Sheetrock	Blue	Good	Corridor	<0.0028
P-5	Wall	Sheetrock	Tan	Good	Office	<0.0029
P-6	Wall	Sheetrock	Grey	Good	Office	<0.0045

In the table above, the samples collected have been listed along with the location, component, substrate, color, condition, and laboratory results. Sample locations are illustrated in the attached figures. None of the samples collected are considered lead-based paint by the US Environmental Protection Agency (EPA – HUD) definition (greater than 0.5 % by weight). Per laboratory analysis, samples were all less than the level of detection.

If you have any questions, please call me at (585) 325-7190. It was a pleasure working with you on this project and I hope we can be of service in the future.

Sincerely,

BARTON & LOGUIDICE, D.P.C.

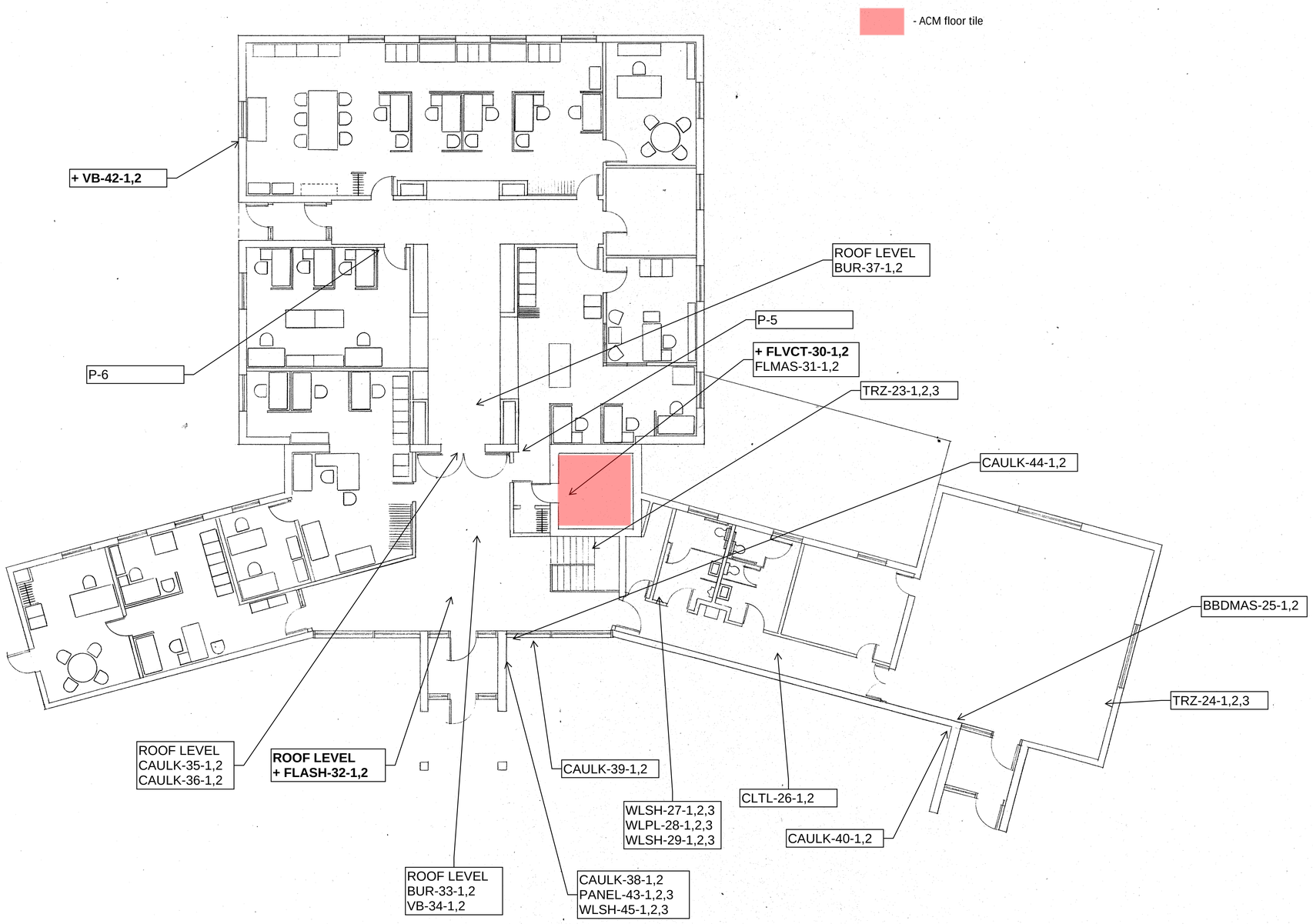
Michael D. Goff
Staff Industrial Hygienist

John E. Rigge
Vice President

MDG/JER/jms

Attachments

Sample Location Figures



MANLIUS TOWN HALL additions & alterations

301 BROOKLEA DR. FAYETTEVILLE, NEW YORK

King&KingArchitects

NO.	REVISION	DATE

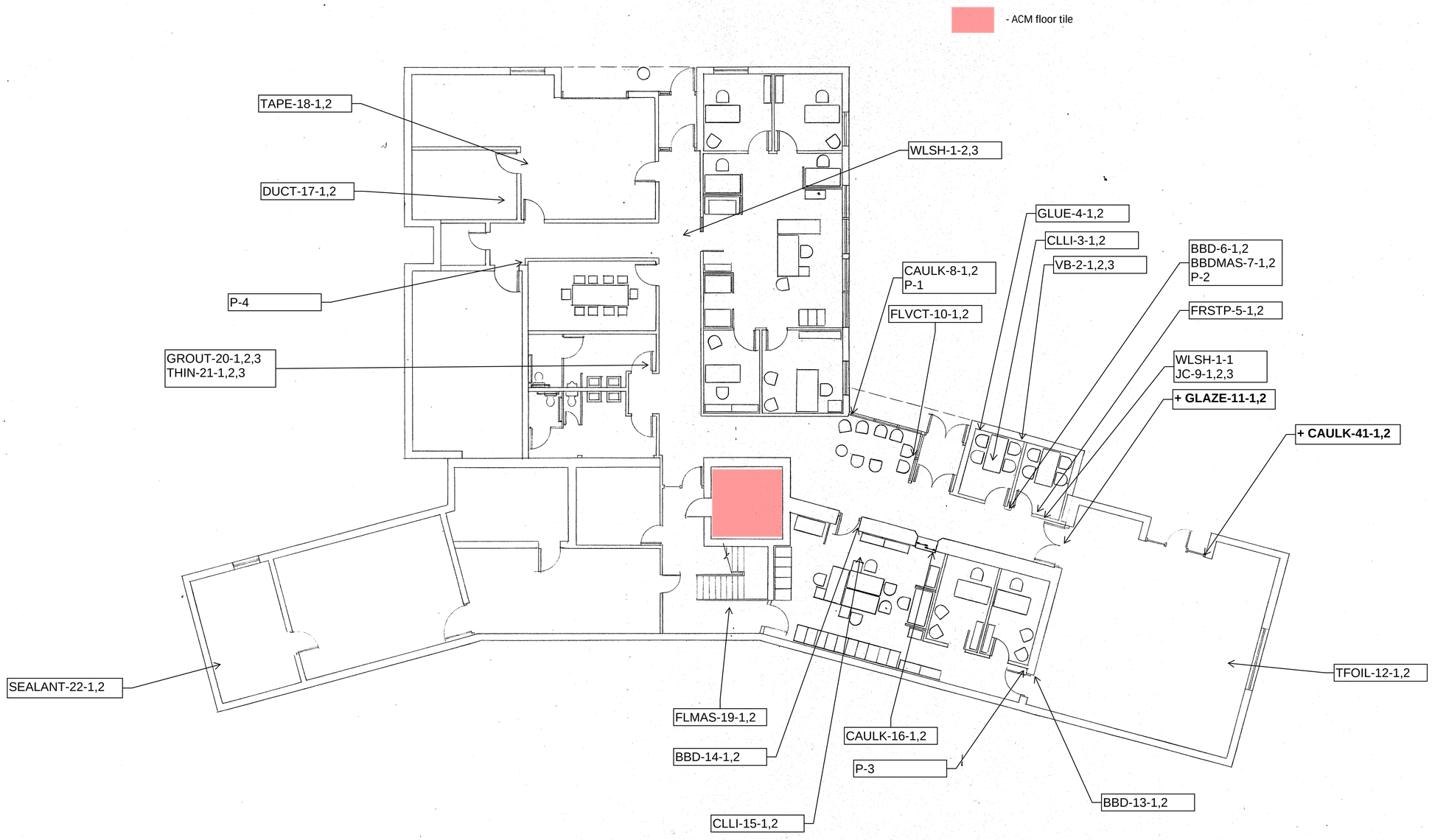
DRAWN	DATE
SCALE	JOB NO.

UPPER LEVEL - FURNITURE LAYOUT

F-1

PROGRESS SET 6/5/86

N89195



MANLIUS TOWN HALL additions & alterations

301 BROOKLEA DR. FAYETTEVILLE, NEW YORK

King&KingArchitects

NO	REVISION	DATE

DRAWN | DATE

SCALE | JOB NO

LOWER LEVEL - FURNITURE LAYOUT

F-2

PROGRESS SET 6/5/86

N69195

Appendix A

NYSDOL Inspector Certifications and Company License

WE ARE YOUR DOL

NEW YORK STATE | Department of Labor

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

ASBESTOS HANDLING LICENSE

Barton & Loguidice, D.P.C.
443 Electronics Parkway, Liverpool, NY, 13088

License Number: 29267
License Class: RESTRICTED
Date of Issue: 02/01/2024
Expiration Date: 02/28/2025
Duly Authorized Representative: Jeffrey Reed

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director
For the Commissioner of Labor

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

MICHAEL GOFF
CLASS(EXPIRES)
C ATEC (12/24) D INSP (12/24)
H PM (12/24)

CERT# 23-6LXR6-SHAB
DMV# [redacted]

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

BRANDON JEFF
CLASS(EXPIRES)
C ATEC (02/25) D INSP (02/25)
H PM (02/25)

CERT# 24-6SJGL-SHAB
DMV# 604442585

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR
MOLD ASSESSOR

N.Y.S

BRANDON JEFF

Expires: 01/26

CERT# 23-6LATF-SHMO
DMV# 604442585

Appendix B

Asbestos Laboratory Reports,
Laboratory Certifications,
and Sample Chain-of-Custody Forms

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Barton & Loquidice, D.P.C.
Attn: John E. Rigge
443 Electronics Parkway

Liverpool, NY 13088

Date Received 09/06/24 **AmeriSci Job #** 224091279
Date Examined 09/07/24 **P.O. #**
ELAP # 11480 **Page** 1 **of** 18
RE: 570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WLSH-1-1 1 **Location:** Typical Sheetrock	224091279-01	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 50%, Fibrous glass Trace, Non-fibrous 50%			
WLSH-1-2 1 **Location:** Typical Sheetrock	224091279-02	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 30%, Fibrous glass Trace, Non-fibrous 70%			
WLSH-1-3 1 **Location:** Typical Sheetrock	224091279-03	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 30%, Fibrous glass Trace, Non-fibrous 70%			
VB-2-1 2 **Location:** Black Paper Vapor Barrier	224091279-04	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.6%			
VB-2-2 2 **Location:** Black Paper Vapor Barrier	224091279-05	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.1%			

See Reporting notes on last page

PLM Bulk Asbestos Report

570.017.001; VIP Architecture; Manlius Town Hall - 301
Brooklea Drive, Manlius, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
VB-2-3 2	224091279-06 **Location:** Black Paper Vapor Barrier	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.2%			
CLLI-3-1 3	224091279-07 **Location:** 2' x 4' Dimple & Pinhole Ceiling Panel	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 32.9%			
CLLI-3-2 3	224091279-08 **Location:** 2' x 4' Dimple & Pinhole Ceiling Panel	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 41.4%			
GLUE-4-1 4	224091279-09 **Location:** Yellow Carpet Glue	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 30.5%			
GLUE-4-2 4	224091279-10 **Location:** Yellow Carpet Glue	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 22.1%			
FRSTP-5-1 5	224091279-11 **Location:** Red Firestop	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Red, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 36.3%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
FRSTP-5-2 5 **Location:** Red Firestop	224091279-12	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Red, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 38.2%			
BBD-6-1 6 **Location:** Black Cove Base	224091279-13	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.9%			
BBD-6-2 6 **Location:** Black Cove Base	224091279-14	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 13.6%			
BBDMAS-7-1 7 **Location:** Yellow Cove Base Mastic	224091279-15	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 20.2%			
BBDMAS-7-2 7 **Location:** Yellow Cove Base Mastic	224091279-16	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 19.9%			
CAULK-8-1 8 **Location:** Black Caulk	224091279-17	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.4%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CAULK-8-2 8 **Location:** Black Caulk	224091279-18	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.9%			
JC-9-1 9 **Location:** Joint Compound	224091279-19	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
JC-9-2 9 **Location:** Joint Compound	224091279-20	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
JC-9-3 9 **Location:** Joint Compound	224091279-21	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
FLVCT-10-1 10 **Location:** 12" x 12" Tan / Grey Mottled Floor Tile	224091279-22	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.9%			
FLVCT-10-2 10 **Location:** 12" x 12" Tan / Grey Mottled Floor Tile	224091279-23	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.4%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
GLAZE-11-1 11	224091279-24 **Location:** Black Window Glaze	***Yes***	3.5% (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.5 % **Other Material:** Non-fibrous 31%			
GLAZE-11-2 11	224091279-25 **Location:** Black Window Glaze		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
TFOIL-12-1 12	224091279-26 **Location:** Tar-Foil Pipe Wrap	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black/Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 16.9%			
TFOIL-12-2 12	224091279-27 **Location:** Tar-Foil Pipe Wrap	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black/Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 14.3%			
BBD-13-1 13	224091279-28 **Location:** Brown Cove Base	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.1%			
BBD-13-2 13	224091279-29 **Location:** Brown Cove Base	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.7%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BBD-14-1 14	224091279-30 **Location:** Grey Cove Base	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.1%			
BBD-14-2 14	224091279-31 **Location:** Grey Cove Base	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.4%			
CLLI-15-1 15	224091279-32 **Location:** 2' x 4' Fissure & Pinhole Ceiling Panel	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 51%			
CLLI-15-2 15	224091279-33 **Location:** 2' x 4' Fissure & Pinhole Ceiling Panel	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 47.8%			
CAULK-16-1 16	224091279-34 **Location:** Grey Interior Window Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.7%			
CAULK-16-2 16	224091279-35 **Location:** Grey Interior Window Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.4%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
DUCT-17-1 17	224091279-36 **Location:** Grey Duct Sealant	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 28.4%			
DUCT-17-2 17	224091279-37 **Location:** Grey Duct Sealant	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 28.9%			
TAPE-18-1 18	224091279-38 **Location:** Black Tar Tape	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.4%			
TAPE-18-2 18	224091279-39 **Location:** Black Tar Tape	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.8%			
FLMAS-19-1 19	224091279-40 **Location:** Black W/ Yellow Floor Tile Mastic	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 28.3%			
FLMAS-19-2 19	224091279-41 **Location:** Black W/ Yellow Floor Tile Mastic	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 26.7%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
GROUT-20-1 20	224091279-42 **Location:** Grey Ceramic Floor Tile Grout	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
GROUT-20-2 20	224091279-43 **Location:** Grey Ceramic Floor Tile Grout	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
GROUT-20-3 20	224091279-44 **Location:** Grey Ceramic Floor Tile Grout	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
THIN-21-1 21	224091279-45 **Location:** Grey Ceramic Floor Tile Thinset	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
THIN-21-2 21	224091279-46 **Location:** Grey Ceramic Floor Tile Thinset	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
THIN-21-3 21	224091279-47 **Location:** Grey Ceramic Floor Tile Thinset	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
SEALANT-22-1 22	224091279-48 **Location:** White Fiberglass Insulation Sealant	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 15.6%			
SEALANT-22-2 22	224091279-49 **Location:** White Fiberglass Insulation Sealant	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.7%			
TRZ-23-1 23	224091279-50 **Location:** Red Terrazzo Stairs	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Pink, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
TRZ-23-2 23	224091279-51 **Location:** Red Terrazzo Stairs	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Pink, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
TRZ-23-3 23	224091279-52 **Location:** Red Terrazzo Stairs	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Pink, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
TRZ-24-1 24	224091279-53 **Location:** Black Terrazzo Flooring	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TRZ-24-2 24	224091279-54 **Location:** Black Terrazzo Flooring	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
TRZ-24-3 24	224091279-55 **Location:** Black Terrazzo Flooring	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
BBDMAS-25-1 25	224091279-56 **Location:** Tan & Brown Cove Base Mastic	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 38.5%			
BBDMAS-25-2 25	224091279-57 **Location:** Tan & Brown Cove Base Mastic	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 34.3%			
CLTL-26-1 26	224091279-58 **Location:** 1' x 1' Dimpled Ceiling Tile	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 30.1%			
CLTL-26-2 26	224091279-59 **Location:** 1' x 1' Dimpled Ceiling Tile	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: White/Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 27.9%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WLSH-27-1 27	224091279-60 **Location:** Green Paper Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5%, Fibrous glass Trace, Non-fibrous 95%			
WLSH-27-2 27	224091279-61 **Location:** Green Paper Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10%, Fibrous glass Trace, Non-fibrous 90%			
WLSH-27-3 27	224091279-62 **Location:** Green Paper Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10%, Fibrous glass Trace, Non-fibrous 90%			
WLPL-28-1 28	224091279-63.1 **Location:** Smooth Wall Plaster / Skim Coat	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
WLPL-28-1 28	224091279-63.2 **Location:** Smooth Wall Plaster / Base Coat	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
WLPL-28-2 28	224091279-64.1 **Location:** Smooth Wall Plaster / Skim Coat	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WLPL-28-2 28	224091279-64.2 **Location:** Smooth Wall Plaster / Base Coat	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
WLPL-28-3 28	224091279-65.1 **Location:** Smooth Wall Plaster / Skim Coat	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
WLPL-28-3 28	224091279-65.2 **Location:** Smooth Wall Plaster / Base Coat	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
WLSH-29-1 29	224091279-66 **Location:** Backer Board	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 15%, Non-fibrous 85%			
WLSH-29-2 29	224091279-67 **Location:** Backer Board	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 15%, Non-fibrous 85%			
WLSH-29-3 29	224091279-68 **Location:** Backer Board	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10%, Non-fibrous 90%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
FLVCT-30-1 30	224091279-69 **Location:** 9" x 9" Grey Mottled Floor Tile	***Yes***	2.2% (ELAP 400 PC) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.2 % **Other Material:** Non-fibrous 32.3%			
FLVCT-30-2 30	224091279-70 **Location:** 9" x 9" Grey Mottled Floor Tile		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
FLMAS-31-1 31	224091279-71 **Location:** Black 9" x 9" Floor Tile Mastic	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.2%			
FLMAS-31-2 31	224091279-72 **Location:** Black 9" x 9" Floor Tile Mastic	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 6.5%			
FLASH-32-1 32	224091279-73 **Location:** Silver Painted Roof Flashing	***Yes***	3.8% (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.8 % **Other Material:** Non-fibrous 1.9%			
FLASH-32-2 32	224091279-74 **Location:** Silver Painted Roof Flashing		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BUR-33-1 33	224091279-75 **Location:** Built-Up Roofing	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.8%			
BUR-33-2 33	224091279-76 **Location:** Built-Up Roofing	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 9%			
VB-34-1 34	224091279-77 **Location:** Black Vapor Barrier	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.6%			
VB-34-2 34	224091279-78 **Location:** Black Vapor Barrier	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.5%			
CAULK-35-1 35	224091279-79 **Location:** Grey Skylight Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 14.3%			
CAULK-35-2 35	224091279-80 **Location:** Grey Skylight Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.3%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CAULK-36-1 36	224091279-81 **Location:** Tan Flashing Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5%			
CAULK-36-2 36	224091279-82 **Location:** Tan Flashing Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 4.8%			
BUR-37-1 37	224091279-83 **Location:** Built-Up Roofing	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.2%			
BUR-37-2 37	224091279-84 **Location:** Built-Up Roofing	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.7%			
CAULK-38-1 38	224091279-85 **Location:** White Exterior Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 17.2%			
CAULK-38-2 38	224091279-86 **Location:** White Exterior Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.9%			

See Reporting notes on last page

PLM Bulk Asbestos Report

570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CAULK-39-1 39	224091279-87 **Location:** Black Siding Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 16.1%			
CAULK-39-2 39	224091279-88 **Location:** Black Siding Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 17%			
CAULK-40-1 40	224091279-89 **Location:** Grey Exterior Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.6%			
CAULK-40-2 40	224091279-90 **Location:** Grey Exterior Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.5%			
CAULK-41-1 41	224091279-91 **Location:** Old Tan Caulk	***Yes***	5.4% (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.4 % **Other Material:** Non-fibrous 10.9%			
CAULK-41-2 41	224091279-92 **Location:** Old Tan Caulk		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

See Reporting notes on last page

PLM Bulk Asbestos Report

570.017.001; VIP Architecture; Manlius Town Hall - 301
Brooklea Drive, Manlius, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
VB-42-1 42	224091279-93 **Location:** Black Vapor Barrier	***Yes***	5.9% (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.9 % **Other Material:** Non-fibrous 7.4%			
VB-42-2 42	224091279-94 **Location:** Black Vapor Barrier		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
PANEL-43-1 43	224091279-95 **Location:** White Stone Aggregate Panel	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 5%, Non-fibrous 95%			
PANEL-43-2 43	224091279-96 **Location:** White Stone Aggregate Panel	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 5%, Non-fibrous 95%			
PANEL-43-3 43	224091279-97 **Location:** White Stone Aggregate Panel	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White, Homogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 5%, Non-fibrous 95%			
CAULK-44-1 44	224091279-98 **Location:** Grey Exterior Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.1%			

See Reporting notes on last page

PLM Bulk Asbestos Report

570.017.001; VIP Architecture; Manlius Town Hall - 301
Brooklea Drive, Manlius, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CAULK-44-2 44	224091279-99 **Location:** Grey Exterior Caulk	***No***	NAD (by NYS ELAP 198.6) by Emeline M. Frix on 09/07/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.4%			
WLSH-45-1 45	224091279-100 **Location:** Exterior Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 20%, Fibrous glass Trace, Non-fibrous 80%			
WLSH-45-2 45	224091279-101 **Location:** Exterior Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 25%, Fibrous glass Trace, Non-fibrous 75%			
WLSH-45-3 45	224091279-102 **Location:** Exterior Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 09/07/24
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 15%, Fibrous glass Trace, Non-fibrous 85%			

Reporting Notes:

Analyzed by: Emeline M. Frix
Date: 9/7/2024

Reviewed by: Marik Peysakhov

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, by Appd E to Subpt E, 40 CFR 763 quantified by either CVES or 400 pt ct as noted for each analysis (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite, or ELAP 198.6 for NOB samples, or EPA 400 pt ct by EPA 600-M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054, NJ Lab ID #NY031.

_____END OF REPORT_____

Client Name: Barton & Loguidice, D.P.C.

Table I
Summary of Bulk Asbestos Analysis Results

570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	WLSH-1-1	1	----	----	----	----	NAD	NA
Location:	Typical Sheetrock							
02	WLSH-1-2	1	----	----	----	----	NAD	NA
Location:	Typical Sheetrock							
03	WLSH-1-3	1	----	----	----	----	NAD	NA
Location:	Typical Sheetrock							
04	VB-2-1	2	0.070	99.1	0.3	0.6	NAD	NAD
Location:	Black Paper Vapor Barrier							
05	VB-2-2	2	0.089	98.2	1.7	0.1	NAD	NAD
Location:	Black Paper Vapor Barrier							
06	VB-2-3	2	0.082	96.3	3.4	0.2	NAD	NAD
Location:	Black Paper Vapor Barrier							
07	CLLI-3-1	3	0.168	33.7	33.4	32.9	NAD	NAD
Location:	2' x 4' Dimple & Pinhole Ceiling Panel							
08	CLLI-3-2	3	0.143	28.4	30.2	41.4	NAD	NAD
Location:	2' x 4' Dimple & Pinhole Ceiling Panel							
09	GLUE-4-1	4	0.163	61.2	8.3	30.5	NAD	NAD
Location:	Yellow Carpet Glue							
10	GLUE-4-2	4	0.239	63.9	14.0	22.1	NAD	NAD
Location:	Yellow Carpet Glue							
11	FRSTP-5-1	5	0.327	40.3	23.4	36.3	NAD	NAD
Location:	Red Firestop							
12	FRSTP-5-2	5	0.255	37.8	23.9	38.2	NAD	NAD
Location:	Red Firestop							
13	BBD-6-1	6	0.224	62.4	24.7	12.9	NAD	NAD
Location:	Black Cove Base							
14	BBD-6-2	6	0.276	62.1	24.3	13.6	NAD	NAD
Location:	Black Cove Base							
15	BBDMAS-7-1	7	0.155	68.4	11.4	20.2	NAD	NAD
Location:	Yellow Cove Base Mastic							
16	BBDMAS-7-2	7	0.236	71.7	8.4	19.9	NAD	NAD
Location:	Yellow Cove Base Mastic							

See Reporting notes on last page

Client Name: Barton & Loguidice, D.P.C.

Table I
Summary of Bulk Asbestos Analysis Results

570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	CAULK-8-1	8	0.246	69.2	23.4	7.4	NAD	NAD
Location:	Black Caulk							
18	CAULK-8-2	8	0.290	68.1	24.0	7.9	NAD	NAD
Location:	Black Caulk							
19	JC-9-1	9	----	----	----	----	NAD	NA
Location:	Joint Compound							
20	JC-9-2	9	----	----	----	----	NAD	NA
Location:	Joint Compound							
21	JC-9-3	9	----	----	----	----	NAD	NA
Location:	Joint Compound							
22	FLVCT-10-1	10	0.274	15.1	83.0	1.9	NAD	NAD
Location:	12" x 12" Tan / Grey Mottled Floor Tile							
23	FLVCT-10-2	10	0.241	16.2	81.5	2.4	NAD	NAD
Location:	12" x 12" Tan / Grey Mottled Floor Tile							
24	GLAZE-11-1	11	0.151	57.3	8.2	31.0	Chrysotile 3.5	NA
Location:	Black Window Glaze							
25	GLAZE-11-2	11	0.152	58.4	8.5	33.1	NA/PS	NA
Location:	Black Window Glaze							
26	TFOIL-12-1	12	0.164	84.5	-1.4	16.9	NAD	NAD
Location:	Tar-Foil Pipe Wrap							
27	TFOIL-12-2	12	0.224	84.5	1.2	14.3	NAD	NAD
Location:	Tar-Foil Pipe Wrap							
28	BBD-13-1	13	0.211	28.2	70.7	1.1	NAD	NAD
Location:	Brown Cove Base							
29	BBD-13-2	13	0.221	27.8	71.5	0.7	NAD	NAD
Location:	Brown Cove Base							
30	BBD-14-1	14	0.164	31.6	67.3	1.1	NAD	NAD
Location:	Grey Cove Base							
31	BBD-14-2	14	0.159	30.7	68.8	0.4	NAD	NAD
Location:	Grey Cove Base							
32	CLLI-15-1	15	0.148	20.1	28.9	51.0	NAD	NAD
Location:	2' x 4' Fissure & Pinhole Ceiling Panel							

See Reporting notes on last page

Client Name: Barton & Loguidice, D.P.C.

Table I
Summary of Bulk Asbestos Analysis Results

570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	CLLI-15-2	15	0.171	19.2	32.9	47.8	NAD	NAD
Location:	2' x 4' Fissure & Pinhole Ceiling Panel							
34	CAULK-16-1	16	0.214	28.6	69.6	1.7	NAD	NAD
Location:	Grey Interior Window Caulk							
35	CAULK-16-2	16	0.305	30.1	68.5	1.4	NAD	NAD
Location:	Grey Interior Window Caulk							
36	DUCT-17-1	17	0.255	32.0	39.6	28.4	NAD	NAD
Location:	Grey Duct Sealant							
37	DUCT-17-2	17	0.244	35.5	35.6	28.9	NAD	NAD
Location:	Grey Duct Sealant							
38	TAPE-18-1	18	0.161	85.9	13.7	0.4	NAD	NAD
Location:	Black Tar Tape							
39	TAPE-18-2	18	0.227	86.9	12.4	0.8	NAD	NAD
Location:	Black Tar Tape							
40	FLMAS-19-1	19	0.144	61.1	10.6	28.3	NAD	NAD
Location:	Black W/ Yellow Floor Tile Mastic							
41	FLMAS-19-2	19	0.132	58.1	15.2	26.7	NAD	NAD
Location:	Black W/ Yellow Floor Tile Mastic							
42	GROUT-20-1	20	----	----	----	----	NAD	NA
Location:	Grey Ceramic Floor Tile Grout							
43	GROUT-20-2	20	----	----	----	----	NAD	NA
Location:	Grey Ceramic Floor Tile Grout							
44	GROUT-20-3	20	----	----	----	----	NAD	NA
Location:	Grey Ceramic Floor Tile Grout							
45	THIN-21-1	21	----	----	----	----	NAD	NA
Location:	Grey Ceramic Floor Tile Thinset							
46	THIN-21-2	21	----	----	----	----	NAD	NA
Location:	Grey Ceramic Floor Tile Thinset							
47	THIN-21-3	21	----	----	----	----	NAD	NA
Location:	Grey Ceramic Floor Tile Thinset							
48	SEALANT-22-1	22	0.227	47.0	37.4	15.6	NAD	NAD
Location:	White Fiberglass Insulation Sealant							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
49	SEALANT-22-2	22	0.213	50.1	38.2	11.7	NAD	NAD
Location:	White Fiberglass Insulation Sealant							
50	TRZ-23-1	23	----	----	----	----	NAD	NA
Location:	Red Terrazzo Stairs							
51	TRZ-23-2	23	----	----	----	----	NAD	NA
Location:	Red Terrazzo Stairs							
52	TRZ-23-3	23	----	----	----	----	NAD	NA
Location:	Red Terrazzo Stairs							
53	TRZ-24-1	24	----	----	----	----	NAD	NA
Location:	Black Terrazzo Flooring							
54	TRZ-24-2	24	----	----	----	----	NAD	NA
Location:	Black Terrazzo Flooring							
55	TRZ-24-3	24	----	----	----	----	NAD	NA
Location:	Black Terrazzo Flooring							
56	BBDMAS-25-1	25	0.162	38.2	23.3	38.5	NAD	NAD
Location:	Tan & Brown Cove Base Mastic							
57	BBDMAS-25-2	25	0.241	37.1	28.6	34.3	NAD	NAD
Location:	Tan & Brown Cove Base Mastic							
58	CLTL-26-1	26	0.117	25.9	44.0	30.1	NAD	NAD
Location:	1' x 1' Dimpled Ceiling Tile							
59	CLTL-26-2	26	0.152	24.5	47.6	27.9	NAD	NAD
Location:	1' x 1' Dimpled Ceiling Tile							
60	WLSH-27-1	27	----	----	----	----	NAD	NA
Location:	Green Paper Sheetrock							
61	WLSH-27-2	27	----	----	----	----	NAD	NA
Location:	Green Paper Sheetrock							
62	WLSH-27-3	27	----	----	----	----	NAD	NA
Location:	Green Paper Sheetrock							
63.1	WLPL-28-1	28	----	----	----	----	NAD	NA
Location:	Smooth Wall Plaster / Skim Coat							
63.2	WLPL-28-1	28	----	----	----	----	NAD	NA
Location:	Smooth Wall Plaster / Base Coat							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
64.1	WLPL-28-2	28	----	----	----	----	NAD	NA
Location:	Smooth Wall Plaster / Skim Coat							
64.2	WLPL-28-2	28	----	----	----	----	NAD	NA
Location:	Smooth Wall Plaster / Base Coat							
65.1	WLPL-28-3	28	----	----	----	----	NAD	NA
Location:	Smooth Wall Plaster / Skim Coat							
65.2	WLPL-28-3	28	----	----	----	----	NAD	NA
Location:	Smooth Wall Plaster / Base Coat							
66	WLSH-29-1	29	----	----	----	----	NAD	NA
Location:	Backer Board							
67	WLSH-29-2	29	----	----	----	----	NAD	NA
Location:	Backer Board							
68	WLSH-29-3	29	----	----	----	----	NAD	NA
Location:	Backer Board							
69	FLVCT-30-1	30	0.263	22.4	43.1	32.3	Chrysotile 2.2	NA
Location:	9" x 9" Grey Mottled Floor Tile							
70	FLVCT-30-2	30	0.270	23.4	40.8	35.8	NA/PS	NA
Location:	9" x 9" Grey Mottled Floor Tile							
71	FLMAS-31-1	31	0.218	78.9	8.9	12.2	NAD	NAD
Location:	Black 9" x 9" Floor Tile Mastic							
72	FLMAS-31-2	31	0.209	85.5	8.0	6.5	NAD	NAD
Location:	Black 9" x 9" Floor Tile Mastic							
73	FLASH-32-1	32	1.330	40.1	54.2	1.9	Chrysotile 3.8	NA
Location:	Silver Painted Roof Flashing							
74	FLASH-32-2	32	0.254	70.3	5.4	24.3	NA/PS	NA
Location:	Silver Painted Roof Flashing							
75	BUR-33-1	33	0.500	85.1	3.1	11.8	NAD	NAD
Location:	Built-Up Roofing							
76	BUR-33-2	33	0.361	89.3	1.8	9.0	NAD	NAD
Location:	Built-Up Roofing							
77	VB-34-1	34	0.466	86.7	2.7	10.6	NAD	NAD
Location:	Black Vapor Barrier							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
78	VB-34-2	34	0.425	91.2	1.3	7.5	NAD	NAD
Location:	Black Vapor Barrier							
79	CAULK-35-1	35	0.149	35.2	50.5	14.3	NAD	NAD
Location:	Grey Skylight Caulk							
80	CAULK-35-2	35	0.238	36.0	52.7	11.3	NAD	NAD
Location:	Grey Skylight Caulk							
81	CAULK-36-1	36	0.287	73.3	21.8	5.0	NAD	NAD
Location:	Tan Flashing Caulk							
82	CAULK-36-2	36	0.178	72.7	22.5	4.8	NAD	NAD
Location:	Tan Flashing Caulk							
83	BUR-37-1	37	0.316	83.9	3.9	12.2	NAD	NAD
Location:	Built-Up Roofing							
84	BUR-37-2	37	0.471	83.9	3.4	12.7	NAD	NAD
Location:	Built-Up Roofing							
85	CAULK-38-1	38	0.168	75.5	7.3	17.2	NAD	NAD
Location:	White Exterior Caulk							
86	CAULK-38-2	38	0.272	82.3	6.8	10.9	NAD	NAD
Location:	White Exterior Caulk							
87	CAULK-39-1	39	0.206	77.7	6.2	16.1	NAD	NAD
Location:	Black Siding Caulk							
88	CAULK-39-2	39	0.147	74.7	8.3	17.0	NAD	NAD
Location:	Black Siding Caulk							
89	CAULK-40-1	40	0.203	62.9	24.5	12.6	NAD	NAD
Location:	Grey Exterior Caulk							
90	CAULK-40-2	40	0.277	61.7	27.8	10.5	NAD	NAD
Location:	Grey Exterior Caulk							
91	CAULK-41-1	41	0.320	15.0	68.7	10.9	Chrysotile 5.4	NA
Location:	Old Tan Caulk							
92	CAULK-41-2	41	0.320	17.6	70.5	11.9	NA/PS	NA
Location:	Old Tan Caulk							
93	VB-42-1	42	0.183	79.2	7.5	7.4	Chrysotile 5.9	NA
Location:	Black Vapor Barrier							

See Reporting notes on last page

Client Name: Barton & Loguidice, D.P.C.

Table I
Summary of Bulk Asbestos Analysis Results

570.017.001; VIP Architecture; Manlius Town Hall - 301 Brooklea Drive, Manlius, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
94	VB-42-2	42	0.240	78.3	9.8	11.9	NA/PS	NA
Location:	Black Vapor Barrier							
95	PANEL-43-1	43	----	----	----	----	NAD	NA
Location:	White Stone Aggregate Panel							
96	PANEL-43-2	43	----	----	----	----	NAD	NA
Location:	White Stone Aggregate Panel							
97	PANEL-43-3	43	----	----	----	----	NAD	NA
Location:	White Stone Aggregate Panel							
98	CAULK-44-1	44	0.186	71.7	21.2	7.1	NAD	NAD
Location:	Grey Exterior Caulk							
99	CAULK-44-2	44	0.203	71.9	20.7	7.4	NAD	NAD
Location:	Grey Exterior Caulk							
100	WLSH-45-1	45	----	----	----	----	NAD	NA
Location:	Exterior Sheetrock							
101	WLSH-45-2	45	----	----	----	----	NAD	NA
Location:	Exterior Sheetrock							
102	WLSH-45-3	45	----	----	----	----	NAD	NA
Location:	Exterior Sheetrock							

Analyzed by: Marik Peysakhov
Date: 9/8/2024

Reviewed by: Marik Peysakhov

**Quantitative Analysis (Semi/Full); Bulk Asbestos Analysis - PLM by Appd E to Subpt E, 40 CFR 763 or NYSDOH ELAP 198.1 for New York friable samples or NYSDOH ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (or NYSDOH ELAP 198.4; for New York samples). Analysis using Hitachi, Model H7000-Noran 7 System, Microscope, Serial #: 747-05-06. NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses): NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, NJ Lab ID #NY031.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogenous materials).

Barton & Loguidice, D.P.C.
Engineers · Environmental Scientists · Planners · Landscape Architects

Bulk Sample Chain-of-Custody

11 Centre Park
Suite 203
Rochester, NY 14614
585-325-7190 Fax: 315-325-4856

Client: **VIP Architecture**
Location: **Manlius Town Hall**
301 Brooklea Drive, Manlius, New York

Project No.: **570.017.001**
Date Sampled: 9/4/2024
Sampled by: MDG/JDB

Sample Identification:	Description
WLSH-1-1,2,3	Typical Sheetrock
VB-2-1,2,3	Black Paper Vapor Barrier
CLLI-3-1,2	2'x4' Dimple & Pinhole Ceiling Panel
GLUE-4-1,2	Yellow Carpet Glue
FRSTP-5-1,2	Red Firestop
BBD-6-1,2	Black Cove Base
BBDMAS-7-1,2	Yellow Cove Base Mastic
CAULK-8-1,2	Black Caulk
JC-9-1,2,3	Joint Compound
FLVCT-10-1,2	12"x12" Tan/Grey Mottled Floor Tile
GLAZE-11-1,2	Black Window Glaze

Sample Identification:	Description
TFOIL-12-1,2	Tar-Foil Pipe Wrap
BBD-13-1,2	Brown Cove Base
BBD-14-1,2	Grey Cove Base
CLLI-15-1,2	2'x4' Fissure & Pinhole Ceiling Panel
CAULK-16-1,2	Grey Interior Window Caulk
DUCT-17-1,2	Grey Duct Sealant
TAPE-18-1,2	Black Tar Tape
FLMAS-19-1,2	Black w/ Yellow Floor Tile Mastic
GROUT-20-1,2,3	Grey Ceramic Floor Tile Grout
THIN-21-1,2,3	Grey Ceramic Floor Tile Thin-Set
SEALANT-22-1,2	White Fiberglass Insulation Sealant

Analysis Required:		**Comments:**
Polarized Light Microscopy	X	Stop at first positive (> than 1% asbestos) in each sample series.
PLM - NOB	X	Advance to TEM if PLM result is 1% asbestos or less

Report Results to:

		Email/Fax:
Email: Mike Goff	By: **72hrs TAT**	mgoff@bartonandloguidice.com
Email: Dave Morse		dmorse@bartonandloguidice.com

	Signature:	**Date:**	**Comments:**
Relinquished by:	[signature]	9/5/2024	
Received by Lab.:	J. Naretrch [signature]	9/6/24 10:40	
Received by Analyst:	Emeline Fair	9/7/24 12:56	
	[signature]	9/8/24 12:45	

224091279

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Bulk Sample Chain-of-Custody

11 Centre Park
Suite 203
Rochester, NY 14614
585-325-7190 Fax: 315-325-4856

Client: **VIP Architecture**
Location: **Manlius Town Hall**
301 Brooklea Drive, Manlius, New York

Project No.: **570.017.001**
Date Sampled: 9/4/2024
Sampled by: MDG/JDB

Sample Identification:	Description
TRZ-23-1,2,3	Red Terrazzo Stairs
TRZ-24-1,2,3	Black Terrazzo Flooring
BBDMAS-25-1,2	Tan & Brown Cove Base Mastic
CLTL-26-1,2	1'x1' Dimpled Ceiling Tile
WLSH-27-1,2,3	Green Paper Sheetrock
WLPL-28-1,2,3	Smooth Wall Plaster
WLSH-29-1,2,3	Backer Board
FLVCT-30-1,2	9"x9" Grey Mottled Floor Tile
FLMAS-31-1,2	Black 9"x9" Floor Tile Mastic
FLASH-32-1,2	Silver Painted Roof Flashing
BUR-33-1,2	Built-Up Roofing

Sample Identification:	Description
VB-34-1,2	Black Vapor Barrier
CAULK-35-1,2	Grey Skylight Caulk
CAULK-36-1,2	Tan Flashing Caulk
BUR-37-1,2	Built-Up Roofing
CAULK-38-1,2	White Exterior Caulk
CAULK-39-1,2	Black Siding Caulk
CAULK-40-1,2	Grey Exterior Caulk
CAULK-41-1,2	Old Tan Caulk
VB-42-1,2	Black Vapor Barrier
PANEL-43-1,2,3	White Stone Aggregate Panel
CAULK-44-1,2	Grey Exterior Caulk

Analysis Required:

		Comments:
Polarized Light Microscopy	X	Stop at first positive (> than 1% asbestos) in each sample series.
PLM - NOB	X	Advance to TEM if PLM result is 1% asbestos or less

Report Results to:

		Email/Fax:
Email: Mike Goff	By: **72hrs TAT**	mgoff@bartonandloguidice.com
Email: Dave Morse		dmorse@bartonandloguidice.com

	Signature:	Date:	Comments:
Relinquished by:	[signature]	9/5/2024	
Received by Lab.:	J Verstich [signature]	9/6/24 10:40	
Received by Analyst:	Emeline Fix	9/7/24 12:56	
	[signature]	9/8/24 12:55	

224091279

Barton & Loguidice, D.P.C.
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Bulk Sample Chain-of-Custody

11 Centre Park
Suite 203
Rochester, NY 14614
585-325-7190 Fax: 315-325-4856

Client:	**VIP Architecture**	Project No.:	**570.017.001**
Location:	**Manlius Town Hall**	Date Sampled:	9/4/2024
	301 Brooklea Drive, Manlius, New York	Sampled by:	MDG/JDB

Sample Identification:	Description	Sample Identification:	Description
WLSH-45-1,2,3	Exterior Sheetrock		

Analysis Required:

		Comments:
Polarized Light Microscopy	X	Stop at first positive (> than 1% asbestos) in each sample series.
PLM - NOB	X	Advance to TEM if PLM result is 1% asbestos or less

Report Results to:

		Email/Fax:
Email: Mike Goff	By: **72hrs TAT**	mgoff@bartonandloguidice.com
Email: Dave Morse		dmorse@bartonandloguidice.com

	Signature:	**Date:**	**Comments:**
Relinquished by:		9/5/2024	
Received by Lab.:	Inkerrich	9/6/24	10:40
Received by Analyst:	Emeline	9/7/24	12:56
		9/8/24	12:45

224091279

Appendix C

PCB Caulk Laboratory Reports
and Sample Chain-of-Custody Forms

PHOENIX
Environmental Laboratories, Inc.

Tuesday, September 10, 2024

Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
SDG ID: GCR56534
Sample ID#s: CR56534 - CR56541

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

September 10, 2024

SDG I.D.: GCR56534

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client Id	Lab Id	Matrix
CAULK-8	CR56534	CAULK
CAULK-35	CR56535	CAULK
CAULK-36	CR56536	CAULK
CAULK-38	CR56537	CAULK
CAULK-39	CR56538	CAULK
CAULK-40	CR56539	CAULK
CAULK-41	CR56540	CAULK
CAULK-44	CR56541	CAULK

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56534

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	730	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	63		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	64		%	2	09/09/24	KCA	30 - 150 %
% TCMX	57		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	59		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-8

Phoenix I.D.: CR56534

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56535

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-35

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	860	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	68		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	68		%	2	09/09/24	KCA	30 - 150 %
% TCMX	60		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	62		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-35

Phoenix I.D.: CR56535

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56536

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-36

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	830	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	58		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	61		%	2	09/09/24	KCA	30 - 150 %
% TCMX	52		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	54		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-36

Phoenix I.D.: CR56536

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56537

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-38

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	880	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	58		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	63		%	2	09/09/24	KCA	30 - 150 %
% TCMX	47		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	49		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-38

Phoenix I.D.: CR56537

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56538

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-39

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	940	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	62		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	65		%	2	09/09/24	KCA	30 - 150 %
% TCMX	50		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	51		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-39

Phoenix I.D.: CR56538

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56539

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-40

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	790	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	42		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	43		%	2	09/09/24	KCA	30 - 150 %
% TCMX	36		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	38		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-40

Phoenix I.D.: CR56539

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56540

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-41

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	720	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	52		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	55		%	2	09/09/24	KCA	30 - 150 %
% TCMX	43		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	44		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-41

Phoenix I.D.: CR56540

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 10, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	CAULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56534
Phoenix ID: CR56541

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: CAULK-44

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				09/06/24	R/H/X	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1221	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1232	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1242	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1248	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1254	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1260	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1262	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
PCB-1268	ND	910	ug/Kg	2	09/09/24	KCA	SW8082A
QA/QC Surrogates							
% DCBP	60		%	2	09/09/24	KCA	30 - 150 %
% DCBP (Confirmation)	61		%	2	09/09/24	KCA	30 - 150 %
% TCMX	55		%	2	09/09/24	KCA	30 - 150 %
% TCMX (Confirmation)	56		%	2	09/09/24	KCA	30 - 150 %

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client ID: CAULK-44

Phoenix I.D.: CR56541

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

September 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

September 10, 2024

QA/QC Data

SDG I.D.: GCR56534

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 748031 (ug/Kg), QC Sample No: CR55087 10X (CR56534, CR56535, CR56536, CR56537, CR56538, CR56539, CR56540, CR56541)										
Polychlorinated Biphenyls										
PCB-1016	ND	500	99	83	17.6				40 - 140	30
PCB-1221	ND	500							40 - 140	30
PCB-1232	ND	500							40 - 140	30
PCB-1242	ND	500							40 - 140	30
PCB-1248	ND	500							40 - 140	30
PCB-1254	ND	500							40 - 140	30
PCB-1260	ND	500	106	83	24.3				40 - 140	30
PCB-1262	ND	500							40 - 140	30
PCB-1268	ND	500							40 - 140	30
% DCBP (Surrogate Rec)	99	%	109	84	25.9				30 - 150	30
% DCBP (Surrogate Rec) (Confirm	101	%	113	87	26.0				30 - 150	30
% TCMX (Surrogate Rec)	88	%	98	79	21.5				30 - 150	30
% TCMX (Surrogate Rec) (Confirm	88	%	101	81	22.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
September 10, 2024

Tuesday, September 10, 2024

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCR56534 - BARTLOG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

September 10, 2024 SDG I.D.: GCR56534

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY Temperature Narration

September 10, 2024

SDG I.D.: GCR56534

The samples in this delivery group were received at 19.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

9.6°
no cooler
no ice

Barton & Loguidice, D.P.C.

PCB Caulk Sample Chain-of-Custody

443 Electronics Parkway
Liverpool, NY 13088
(315) 457-5200 Fax: (315) 451-0052

Project: **VIP Architecture**
Manlius Town Hall
301 Brooklea Drive, Manlius, New York

Project No.: **570.017.001**
Date Sampled: **9/4/2024**
Sampled by: **MDG/JDB**

	Sample Identification	Date Sampled	Sample Area	Analysis Required	Notes
56534	CAULK-8	9/4/2024	Bulk	PCB	Caulk
56535	CAULK-35	↓	↓	↓	↓
56536	CAULK-36				
56537	CAULK-38				
56538	CAULK-39				
56539	CAULK-40				
56540	CAULK-41				
56541	CAULK-44				

Comments: **PCB analysis for bulk caulk samples utilizing method 8082. Detection limit required is 50 ppm for hazardous waste screening.**

Report Results to:

Fax:	**TAT: 7 DAY**	Fax: 315-451-0052
E-mail:	mgoff@bartonandloguidice.com	dmorse@bartonandloguidice.com
Written:	jrigge@bartonandloguidice.com	10 calendar days
Invoice:		10 calendar days

Chain-of-Custody:	Signature	Date
Relinquished by:		9/5/2024
Received by Lab.:	Via Fedex	9/6/24 11:42
Received by Analyst:		

Appendix D

Lead Paint Laboratory Reports
and Sample Chain-of-Custody Forms

Thursday, September 12, 2024

Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
SDG ID: GCR56528
Sample ID#s: CR56528 - CR56533

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

September 12, 2024

SDG I.D.: GCR56528

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL

Client Id	Lab Id	Matrix
P-1	CR56528	BULK
P-2	CR56529	BULK
P-3	CR56530	BULK
P-4	CR56531	BULK
P-5	CR56532	BULK
P-6	CR56533	BULK

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 12, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56528
Phoenix ID: CR56528

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: P-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Lead	< 0.0033	0.0033	%	1	09/09/24	CPP	SW6010D
Total Metals Digest	Completed				09/06/24	J/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director
September 12, 2024
Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
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Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 12, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56528
Phoenix ID: CR56529

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: P-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Lead	< 0.025	0.025	%	1	09/09/24	CPP	SW6010D
Total Metals Digest	Completed				09/06/24	J/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director
September 12, 2024
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 12, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56528
Phoenix ID: CR56530

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: P-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Lead	< 0.0029	0.0029	%	1	09/09/24	CPP	SW6010D
Total Metals Digest	Completed				09/06/24	J/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director
September 12, 2024
Reviewed and Released by: Anil Makol, Project Manager

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Tel. (860) 645-1102

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Analysis Report

September 12, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56528
Phoenix ID: CR56531

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: P-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Lead	< 0.0028	0.0028	%	1	09/09/24	CPP	SW6010D
Total Metals Digest	Completed				09/06/24	J/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director
September 12, 2024
Reviewed and Released by: Anil Makol, Project Manager

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Analysis Report

September 12, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56528
Phoenix ID: CR56532

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: P-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Lead	< 0.0029	0.0029	%	1	09/10/24	TH	SW6010D
Total Metals Digest	Completed				09/09/24	J/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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Phyllis Shiller, Laboratory Director
September 12, 2024
Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 12, 2024

FOR: Attn: Mike Goff
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY 13088

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:	MDG, JDB	09/04/24	
Location Code:	BARTLOG	Received by:	SR1	09/06/24	11:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	570.017.001				

Laboratory Data

SDG ID: GCR56528
Phoenix ID: CR56533

Project ID: VIP ARCHITECTURE MANLIUS TOWN HALL
Client ID: P-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Lead	< 0.0045	0.0045	%	1	09/10/24	TH	SW6010D
Total Metals Digest	Completed				09/09/24	J/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
September 12, 2024
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

September 12, 2024

QA/QC Data

SDG I.D.: GCR56528

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 748189 (mg/kg), QC Sample No: CR56571 (CR56532, CR56533)													
ICP Metals - Soil													
Lead	BRL	0.33	3.56	4.14	15.1	94.6	97.7	3.2	99.6			75 - 125	35
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 748027 (mg/kg), QC Sample No: CR57052 (CR56528, CR56529, CR56530, CR56531)													
ICP Metals - Soil													
Lead	BRL	0.33	2.6	2.90	NC	103	102	1.0	103			75 - 125	35
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
September 12, 2024

Thursday, September 12, 2024

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCR56528 - BARTLOG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

September 12, 2024 SDG I.D.: GCR56528

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY Temperature Narration

September 12, 2024

SDG I.D.: GCR56528

The samples in this delivery group were received at 19.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

19.6°
no cooler
no ice

Barton & Loguidice

Paint Sample Chain-of-Custody

443 Electronics Parkway
Liverpool, New York 13088
(315) 457-5200 Fax: (315) 451-0052

Project: **VIP Architecture**
Manlius Town Hall
301 Brooklea Drive, Manlius, New York

Project No.: **570.017.001**
Date Sampled: **9/4/2024**
Sampled by: **MDG/JDB**

	Sample Identification	Date Sampled	Sample Matrix	Analysis Required	Method Reference
56528	P-1	9/4/2024	Paint	% Lead (by weight)	AAS (EPA 7420)
56529	P-2		Paint	% Lead (by weight)	AAS (EPA 7420)
56530	P-3		Paint	% Lead (by weight)	AAS (EPA 7420)
56531	P-4		Paint	% Lead (by weight)	AAS (EPA 7420)
56532	P-5		Paint	% Lead (by weight)	AAS (EPA 7420)
56533	P-6		Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)
			Paint	% Lead (by weight)	AAS (EPA 7420)

Comments:

Report Results to:

E-mail:	**Mike Goff**	**TAT: 7 Day**	mgoff@bartonandloguidice.com
E-mail:	**Dave Morse**		dmorse@bartonandloguidice.com
Written:	John Rigge		10 calendar days
Invoice:	John Rigge		10 calendar days

Chain-of-Custody:	**Signature**	**Date**
Relinquished by:	[signature]	9/5/2024
Received by Lab.:	[signature] via Fedex	9/6/24 11:42
Received by Analyst:		

Perry Springs Park Area
Conceptual Stormwater Study

4900 Fayetteville-Manlius Road
Manlius, NY

November 2024

Prepared for:
Town Board
Town of Manlius
301 Brooklea Drive
Fayetteville, NY 13066

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1.0 EXECUTIVE SUMMARY

LaBella Associates conducted the Perry Springs Park Area Conceptual Stormwater Study to address recurring flooding issues affecting homes near Perry Springs Park in the Town of Manlius, NY. We evaluated current drainage conditions and proposed solutions. Perry Springs Park, an 11.35-acre wooded area, has poor drainage infrastructure contributing to frequent flooding. We identified four sub-watersheds and calculated peak flow rates for 10- and 100-year storms using the Rational Method.

Our proposed solutions include extending the drainage channel and constructing a berm at 4904-4926 Fayetteville-Manlius Road, installing a sump pump and regrading at 4921 Fayetteville-Manlius Road, and installing a stone trench drain and sump pumps at 16-18 Kevan Circle. Modifications to the Perry Springs Pond outlet channel require permits due to its classification as a Class C stream with trout spawning. We recommend further investigation and coordination with NYS DEC.

We recommend the Town complete further investigations, including geotechnical analysis and wetland delineation. In addition, we recommend that the Town of Manlius and private landowners collaborate to fund and implement these improvements. This summary provides an overview of our findings and recommendations to help town officials address the stormwater challenges in Perry Springs Park and its vicinity.

2.0 INTRODUCTION

2.1 Storm Damage History

Perry Springs Park and Fish Hatchery is located at 4900 Fayetteville-Manlius Road in the Village of Manlius, NY, and it is adjacent to the pond in Perry Springs Park. According to the Town of Manlius, recurring stormwater issues, including flooding in yards and basements, have occurred in the southwest vicinity of the park. Affected houses potentially include:

- 4926 Fayetteville-Manlius Road, Town of Manlius
- 4918 Fayetteville-Manlius Road, Town of Manlius
- 4916 Fayetteville-Manlius Road, Town of Manlius
- 4914 Fayetteville-Manlius Road, Town of Manlius
- 4910 Fayetteville-Manlius Road, Town of Manlius
- 4906 Fayetteville-Manlius Road, Town of Manlius
- 4904 Fayetteville-Manlius Road, Town of Manlius

Additional houses that have had recurrent flood issues include:

- 4921 Fayetteville-Manlius Road
- 18 Kevan Circle, Village of Manlius
- 16 Kevan Circle, Village of Manlius

The average annual precipitation in Manlius, NY, is 41 inches per year, with September being the wettest month. Per the County Flood Hazard Mitigation Plan, flooding occurred from April to May, 2011; June 30 to July 1, 2015; and July 1, 2017.

Table 1: Recent Storm Events

Date	Type	Damage in Town
April 25, 2011	Severe thunderstorms, heavy rain, flash flooding, high winds	Damage to Pierson Road
May 26, 2011	Thunderstorms, high winds	
June 30-July 1, 2015	Thunderstorms, flash flooding	None
July 1, 2017	Thunderstorms, flash flooding	None

2.2 Background

This report assesses the existing drainage conditions at the addresses listed in Section 1.1, and it assesses the feasibility and practicality of modifying the existing drainage patterns to mitigate the flooding/ponding in and around the homes of interest. The Town of Manlius is only responsible for operation and maintenance of Town lands. Perry Springs Park is owned and operated by Village of Fayetteville.

Note that all elevations in this report are referenced to the North American Vertical Datum of 1988 (NAVD88).

2.3 Perry Springs Park Parcel

Perry Springs Park, located on Parcel 104.-03-22.0, contains 11.35 acres of wooded lot, bounded by single-family residential buildings to the west and wooded land to the north, south and east (see Figure 1).

2.4 Site Visit

LaBella observed Perry Springs Park and the surrounding area on August 29 and September 6, 2024. Observations were limited to those portions of the project site that were accessible and aboveground at the time of our visit.

3.0 GENERAL SITE DESCRIPTION

Perry Springs Park is 300 feet northeast of Fayetteville-Manlius Road. Several single-family homes lie along Fayetteville-Manlius Road west of the park. The houses along Fayetteville-Manlius Road are subject to flooding in their yards and basements. There are seven homes east of Fayetteville-Manlius Road and north of the access road, one home west of Fayetteville-Manlius Road, and two homes on Kevan Circle, which have experienced flood issues (see Figure 1). Note that these homes lie in three different sub-watersheds and not all of them are affected by the contributing area of Perry Springs Park.

This area of the Town of Manlius is suburban, and its land cover consists primarily of one-quarter, two-thirds and one-half acre residential lots with woods on steep terrain in the vicinity of the park. An overview of the project site is provided in **Figure 1 – Parcel Map**.

Figure 1 – Parcel Map
(Source: NYS GIS Clearinghouse Imagery)

3.1 General Drainage Patterns

In general, drainage flows from the northeast to the southwest from Perry Springs Park towards Route 92. The wooded area northeast of Perry Springs Park is relatively steep and appears to contain natural springs. Areas northeast of Fayetteville-Manlius Road flow to isolated low areas northeast of the road, including the yards northeast of 4904-4926 Fayetteville-Manlius Road.

Additionally, based on LaBella's site visit on September 9th, 2024, and Google Street View, there is little stormwater infrastructure on Fayetteville-Manlius Road and Kevan Circle immediately around the homes of interest, such as culverts, catch basins, and drywells. Instead, runoff flows over the roadway surface and then collects in local depressions or infiltrates into the ground. This may further contribute to the accumulation of runoff in isolated low areas.

Perry Springs Park Pond collects runoff from the surrounding area to its northeast, and outlets through a culvert into an open channel. The open channel continues south for 1,250 feet before entering a culvert that continues southeast until it reportedly connects with the Swan Pond, which is owned by the Village of Manlius. Review of record plans or field verification is recommended to verify the route of the underground piping.

3.2 On-Site Soils

A review of the Natural Resource Conservation Service (NRCS) United States Department of Agriculture (USDA) Web Soil Survey (WSS) indicates that the site consists primarily of Cazenovia silt loam (CfB) northeast of the park, Phelps gravelly loam (PpA) in the vicinity of Fayetteville-Manlius Road and the park, and Cazenovia silt loam and Palmyra gravelly loam (PgB) in the area between Route 92 and Fayetteville-Manlius Road.

Hydrologic Soil Groups (HSG) range from A to D and are described as follows, per the NRCS WSS:

> HSG A: "soils with high infiltration rates and low runoff potential when thoroughly wet. Soils consist of deep, well drained to excessively drained sands or gravelly sands."
>
> HSG B: "soils with moderate infiltration rates and low runoff potential when thoroughly wet. Soils consist of moderately deep, moderately well drained soils with moderately fine to coarse texture."
>
> HSG C: "soils with slow infiltration rates when thoroughly wet. Contain a layer that impedes downward movement of water or has soil of moderately fine texture."

> HSG D: "soils with very slow infiltration rates when thoroughly wet. D soils consist primarily of clays that swell, soils with a high water table, soils with a clay layer near the ground surface, and soils that are shallow over an impervious material.

Soils with dual groups (A/D, B/D or C/D) are considered to be HSG D, unless they are drained by tiles or other man-made methods.

Cazenovia silt loam is HSG C, which has a slow infiltration rate of 0.06 – 0.2 in/hr and a moderate runoff potential.

Phelps gravelly loam is HSG B/D, which has a very slow infiltration rate of 0.57 – 1.98 in/hr and high runoff potential.

Palmyra gravelly loam is HSG A, which has a high infiltration rate from 0.57 – 5.95 in/hr and a low runoff potential.

In general, based on the NRCS USDA Web Soil Survey, the soils within the study area are poorly draining, leading to moderate to high rates of runoff. For more detail, see **Appendix A** for NRCS USDA Web Soil Survey.

4.0 STORMWATER ASSESSMENT

4.1 Watershed Delineation

Detailed watershed delineations were completed in ESRI ArcMap using LiDAR digital elevation models (DEMs), elevation contours, and aerial imagery. The general project area as divided into four sub-watersheds, defined by the problem areas. The analysis discovered multiple low areas with no apparent connection between sub-watersheds. A review of the sub-watersheds indicates that each area was under 160 acres and did not contain significant areas that retain or detain water. Therefore, the use of the Rational Method to calculate stormwater runoff is considered acceptable. See **Appendix B** for Watershed Map.

Sub-watershed 1 / 4904-4926 Fayetteville-Manlius Road

The sub-area contributing to 4904-4926 Fayetteville-Manlius Road (sub-watershed 1), consists primarily of wooded area. Runoff from sub-watershed 1 is not concentrated and, instead, appears to collect in a low area made up of the yards to the north of the houses.

Sub-watershed 2 / 4921 Fayetteville-Manlius Road

The sub-area contributing to 4921 Fayetteville-Manlius Road, sub-watershed 2, is small and not expected to produce a large amount of runoff.

Sub-watershed 3 / 16-18 Kevan Circle

The sub-watershed contributory to the yards west of 16-18 Kevan Circle (sub-watershed 3) is relatively large. This area appears to accumulate at a drainage point between the southwest corner of the house and the shed at 18 Kevan Circle, before reaching a wooded area to the south of 18 Kevan Circle that is along the north side of Highbridge Road. There does not appear to be a culvert under Highbridge Road, and this area apparently pools along the edge of road. The area west of 16 and 18 Kevan Circle is generally a flat grassed area that does not adequately convey drainage.

Sub-watershed 4 / Stormwater Pond east of Left Field Course

The sub-watershed collects at the unnamed detention pond east of Left Field Course, and was apparently created at the time that the development was constructed. The detention pond's emergency overflow is on its east side. The emergency overflow appears to outlet to a wooded area west of 10 Kevan Circle. Therefore, emergency overflow from the detention pond would contribute to sub-watershed 3 (16-18 Kevan Circle). Additionally, the outlet control structure is similarly in the vicinity of the emergency overflow and potentially ties into the stormwater

system along Kevan Circle. Note that flow out of the detention pond has not been computed, but is assumed to be significantly less than flow into the pond.

Table 2: Sub-watersheds

Unique ID	Landmarks	Sub-watershed, acres	Percent (%) Impervious	Runoff Coefficient[1], C	Land Cover	Drainage Point
1	4904-4926 Fayetteville-Manlius Road	17.06	4	0.34	Mostly Woods	Low point northeast of houses
2	4921 Fayetteville-Manlius Road	0.28	80	0.89	Mostly Impervious	South face of house
3	16-18 Kevan Circle	8.55	14	0.54	One-third Acre Residential	South face of 18 Kevan Circle
4	Detention Pond	7.17	24	0.54	One-half Acre Residential	Detention Pond

[1]Applies to 100-year flow

4.2 Peak Flow Calculations

LaBella calculated the hydrologic peak flow to determine the expected 10- and 100-year runoff for four sub-watersheds in the vicinity of Perry Springs Park. Note that the springs in Perry Springs Park were not accounted for in the stormwater analysis. The Rational Method was utilized to estimate 10- and 100-year peak flows. The equation for the Rational Method is:

$$Q = C_R * i_R * A$$

Where:

- C_R is the Runoff Coefficient (dimensionless)
- I_R is the Rainfall Intensity (inches/hour)
- A is the area (acres)
- R is the Recurrence Interval of a particular storm.

Runoff Coefficients were selected based on the characteristics of each sub-watershed, such as land cover, hydrologic soil group, percent impervious, and basin storage. See **Appendix C** for Rational Method guidance and runoff coefficients. Runoff Coefficients were also based on the Recurrence Interval (T_R) of a storm, which influences the amount of runoff that each sub-watershed produces. Rainfall Intensity, I_R, referenced from NOAA Atlas 14 Intensity-Duration-Frequency (IDF) curves provides the depth of rainfall that occurs, per hour, for various time increments (5, 10, 15, 30 and 60 minutes). An IDF describes how a storm's total rainfall amount will be distributed over a length of time. See **Appendix C** for NOAA intensity table. For the Rational Method, that length of time is define by the Time of Concentration (T_C), which is the travel time from the most hydrologically distance point in a sub-watershed to its drainage point. The storm duration must be greater than or equal to the Time of Concentration, and it is normally assumed to be equal to the Time of Concentration. For sub-watershed 2, a default value of 5 minutes was used for the Time of Concentration.

These three factors are multiplied to produce a flow for each sub-watershed: $\mathbf{Q_R = C_R \cdot I_R \cdot A}$

For the 100-year event, this equation would be: $\mathbf{Q_{100} = C_{100} \cdot I_{100} \cdot A}$

Note: C_R, I_R and Q_R vary depending on the recurrence interval (10- or 100-year).

Table 3: Computed 100-Year Runoff for Each Sub-watershed

Unique ID	ID	Sub-watershed, acres	Runoff Coefficient[1], C	Rec. Interval, T_R (years)	Time of Conc., T_C (mins)	Intensity[1], I_R (in/hr)	Flow (cfs)	Drainage Point
1	4904-4926 Fayetteville-Manlius Road	17.06	0.34	100	25	3.6	17.2	4904-4926 Fayetteville-Manlius Road

2	4921 Fayetteville-Manlius Road	0.28	0.89	100	5	9.4	2.3	4921 Fayetteville-Manlius Road
3	16-18 Kevan Circle	4.16	0.54	100	33	3.6	8.1	Between House and Shed at 18 Kevan Circle
4	Left Field Course	7.17	0.54	100	24	4.4	17.0	Detention Pond

[1]Applies to 100-year flow

Table 4: Computed 10-Year Runoff for Each Sub-watershed

Unique ID	ID	Sub-watershed, acres	Runoff Coefficient[1], C	Rec. Interval, T_R (years)	Time of Conc., T_C (mins)	Intensity[1], I_R (in/hr)	Flow (cfs)	Drainage Point
1	4904-4926 Fayetteville-Manlius Road	17.06	0.21	10	25	2.60	12.4	4904-4926 Fayetteville-Manlius Road
2	4921 Fayetteville-Manlius Road	0.28	0.79	10	5	6.12	1.5	4921 Fayetteville-Manlius Road
3	16-18 Kevan Circle	4.16	0.39	10	33	2.35	3.8	Between House and Shed at 18 Kevan Circle
4	Left Field Course	7.17	0.39	10	24	2.9	8.1	Detention Pond

[1]Applies to 10-year flow

3.3 Assumptions & Limitations

The Rational Method:

- The Rational Method is limited to applications where sub-watersheds are less than 160 acres.
- The area is measured in a horizontal plain, meaning that the area of each sub-watershed is underestimated in areas with steep terrain, potentially resulting in an underestimation of peak flow for those areas.
- The rainfall intensity used is uniform across the entire watershed, and it occurs for a duration that is at least as long as the watershed's time of concentration.
- The peak flow recurrence interval is equal to the rainfall intensity recurrence interval.

Intensity-Duration-Frequency Curves:

- These curves are based on historic rainfall data, and assume that rainfall patterns that have been observed in the past will continue to be observed.
- These curves assume that the peak rainfall intensity will occur at a particular time during a storm.

5.0 CONCEPTUAL OPTIONS

Due to the lack of adequate outlets, flood and drainage issues exist in sub-watersheds 1, 2 and 3. As noted, sub-watershed 4 was included to estimate flow contributory to the detention pond and no know drainage issues were reported in sub-watershed 4. LaBella has explored conceptual alternatives to address these apparent drainage issues. The following is a discussion of the three sub-watersheds with drainage issues.

Sub-watershed 1 / 4904-4926 Fayetteville-Manlius Road

At 4904-4926 Fayetteville-Manlius Road (sub-watershed 1), LaBella recommends extending, to the northwest, the existing drainage channel which is located northwest of the pond at Perry Springs Park. This channel would serve to intercept flow in sub-watershed 1 and convey it towards the existing pond's outlet channel. The pond's existing outlet channel flows southeast towards the CVS retail pharmacy. Additionally, construction of a small berm southwest of the proposed channel extension would serve to block runoff from entering the backyards of the six homes along Fayetteville-Manlius Road within sub-watershed 1.

Sub-watershed 2 / 4921 Fayetteville-Manlius Road

At 4921 Fayetteville-Manlius Road, LaBella recommends installing a sump pump and providing local grading to ensure positive drainage away from the house.

Sub-watershed 3 / 16-18 Kevan Circle

There is a large amount of watershed that accumulates west of 16-18 Kevan Circle (sub-watershed 3), with no apparent outlet (culvert). Instead, the sub-watershed collects in the area between the southwest corner of the house and the shed at 18 Kevan Circle. Additionally, the area west of 16 and 18 Kevan Circle is generally a flat grassed area that does not adequately convey drainage. Emergency overflow from the detention pond would also potentially provide additional runoff to the area west of 16 and 18 Kevan Circle that could result in flooding.

Installation of a stone trench drain along the backyards of 16 and 18 Kevan Circle is recommended. The stone trench drain would contain perforated PVC underdrains connected to intermittent yard drains. The underdrain and yard drains would connect to the existing stormwater catch basin along the west side of Kevan Circle. This catch basin is located along the property line of 16 and 18 Kevan Circle, and appears to connect to a second catch basin on the east side of the road. It is not known if these catch basins connect to the two catch basins at the intersection of Kelly Drive and Route 92. Additionally, LaBella recommends installation of sump

pumps in the basements at 16 and 18 Kevan Circle. Local grading around each house is recommended to ensure positive drainage away from each house.

Further investigation is recommended to determine if the detention pond was constructed correctly and is permitted to overflow west of 10 Kevan Circle, which provide runoff towards 16 and 18 Kevan Circle. Further investigation is required to determine if the pond is permitted to overflow to this area.

6.0 ENVIRONMENTAL CONSIDERATIONS

LaBella reviewed the NYS DEC Environmental Resource mapper to assess potential environmental considerations for the area. The mapper indicates that the outlet channel from the Perry Springs Pond is a Class C, Standard C(TS) stream; see **Appendix D**. This means that the stream has trout spawning and associated environmental limitations. Permitting would be required prior to making changes to the pond outlet channel. However, the existing channel northwest of the access road is not shown on the mapper and would not be subject to permitting requirements. There are no mapped streams behind 16 and 18 Kevan Circle. Although preparation of a permit is not expected to be needed for work in either area, a wetland delineation and coordination with NYS DEC is recommended prior to extending the channel near 4904-4926 Fayetteville-Manlius Road.

7.0 CONCLUSION

LaBella understands that drainage issues exist in sub-watershed 1, 2 and 3. As stated, extension of an existing channel and installation of a berm are recommended to contain overland flow and improve conveyance of runoff in the vicinity of 4904-4926 Fayetteville-Manlius Road. Installation of a stone trench drain and installation of yard drains is recommended to address drainage issues in the vicinity of 16 and 18 Kevan Circle. For both sites, conducting site survey and preparation of a detailed design is recommended. Additional measures, including geotechnical analysis, wetland delineation and plans search to verify existing closed drainage systems may also be required.

The drainage issue at 4921 Fayetteville-Manlius Road is a local drainage issue, which could be remedied by local grading changes and installation of sump pumps. Preparation of design plans and survey is not expected to be required for this site. The private landowner for the property would be responsible for implementation and funding for these drainage improvements.

Closing: As stated, LaBella has performed a feasibility assessment. Further design is recommended to design potential site alternatives. This report constitutes the completed and exclusive expression of the opinions of LaBella.

Appendix A:
USDA Web Soil Survey

Hydrologic Soil Group—Onondaga County, New York
(Hydrologic Soil Group)

Map Scale: 1:7,500 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 350 700 1400 2100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Onondaga County, New York
Survey Area Data: Version 18, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 15, 2022—Oct 28, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AXE	Aurora-Farmington-Rock outcrop association, steep	D	2.4	1.7%
BeB	Benson silt loam, undulating	D	4.8	3.4%
BNC	Benson-Wassaic-Rock outcrop association, sloping		6.2	4.4%
CfB	Cazenovia silt loam, 2 to 8 percent slopes	C	34.1	24.3%
CfC	Cazenovia silt loam, 8 to 15 percent slopes	C	13.6	9.7%
CFL	Cut and fill land	A	3.2	2.3%
HwB	Howard gravelly fine sandy loam, 3 to 8 percent slopes	A	1.3	0.9%
KeA	Kendaia silt loam, 0 to 3 percent slopes	B/D	2.4	1.7%
Ly	Lyons soils, 0 to 3 percent slopes	C/D	0.1	0.0%
OgB	Ontario loam, 3 to 8 percent slopes	B	2.1	1.5%
OnC	Ontario gravelly loam, 8 to 15 percent slopes	B	10.1	7.2%
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	A	17.8	12.7%
PpA	Phelps gravelly loam, 0 to 3 percent slopes	B/D	23.8	17.0%
Pt	Quarries		7.9	5.6%
W	Water		1.0	0.7%
WcB	Wassaic silt loam, 0 to 8 percent slopes	C	8.8	6.3%
WDD	Wassaic-Benson silt loams, moderately steep	C	0.8	0.5%
Totals for Area of Interest			**140.1**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

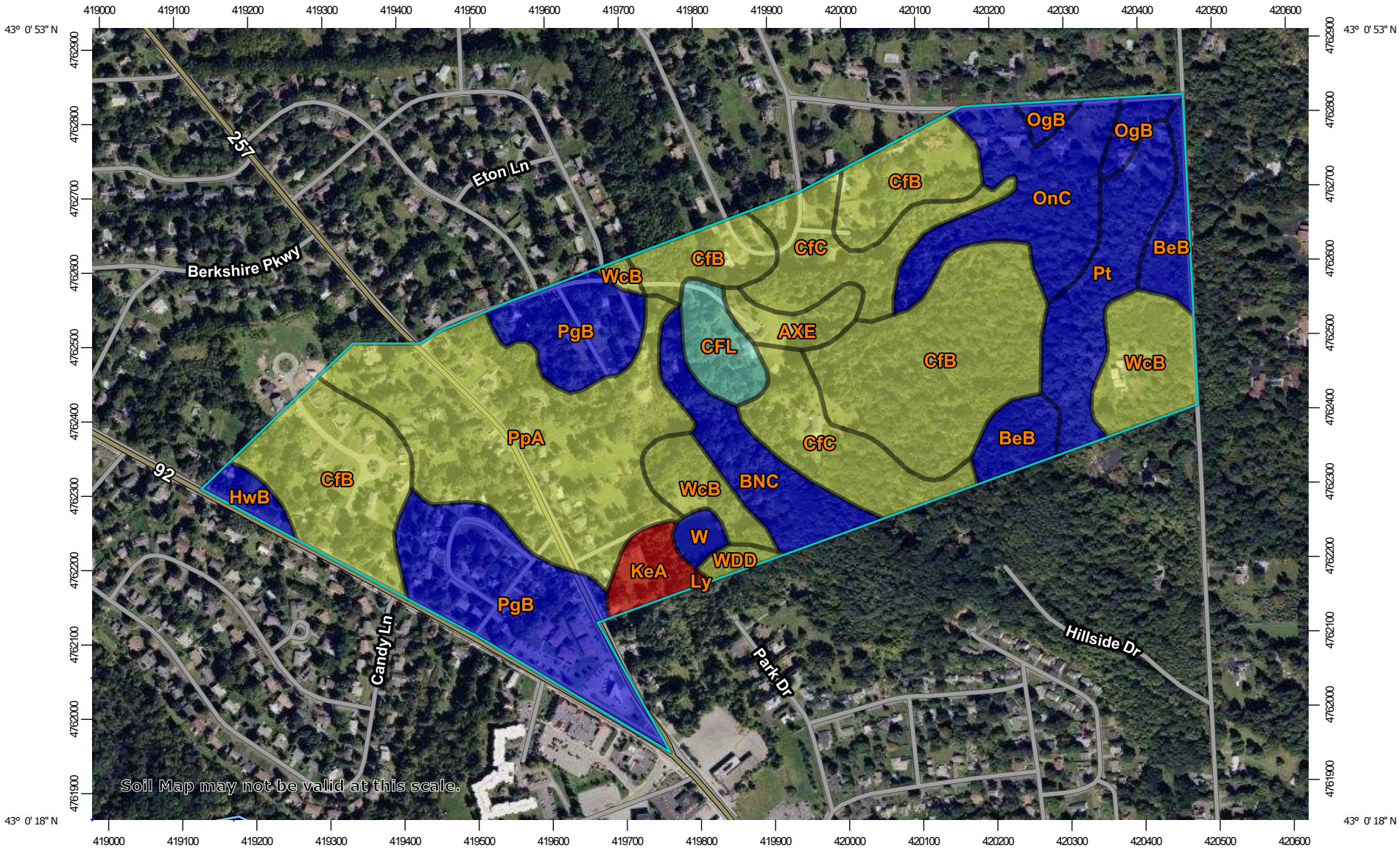
Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Depth to Water Table—Onondaga County, New York
(Depth to Water Table)



Map Scale: 1:7,500 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 350 700 1400 2100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Lines

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Points

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Water Features

Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Onondaga County, New York
Survey Area Data: Version 18, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 15, 2022—Oct 28, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
AXE	Aurora-Farmington-Rock outcrop association, steep	54 21"	2.4	1.7%
BeB	Benson silt loam, undulating	>200 > 79"	4.8	3.4%
BNC	Benson-Wassaic-Rock outcrop association, sloping	>200 > 79"	6.2	4.4%
CfB	Cazenovia silt loam, 2 to 8 percent slopes	92 36"	34.1	24.3%
CfC	Cazenovia silt loam, 8 to 15 percent slopes	92 36"	13.6	9.7%
CFL	Cut and fill land	137 54"	3.2	2.3%
HwB	Howard gravelly fine sandy loam, 3 to 8 percent slopes	>200 > 79"	1.3	0.9%
KeA	Kendaia silt loam, 0 to 3 percent slopes	20 8"	2.4	1.7%
Ly	Lyons soils, 0 to 3 percent slopes	0 0"	0.1	0.0%
OgB	Ontario loam, 3 to 8 percent slopes	>200 > 79"	2.1	1.5%
OnC	Ontario gravelly loam, 8 to 15 percent slopes	>200 > 79"	10.1	7.2%
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	>200 > 79"	17.8	12.7%
PpA	Phelps gravelly loam, 0 to 3 percent slopes	54 21"	23.8	17.0%
Pt	Quarries	>200 > 79"	7.9	5.6%
W	Water	>200 > 79"	1.0	0.7%
WcB	Wassaic silt loam, 0 to 8 percent slopes	87 34"	8.8	6.3%
WDD	Wassaic-Benson silt loams, moderately steep	87 34"	0.8	0.5%
Totals for Area of Interest			**140.1**	**100.0%**

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

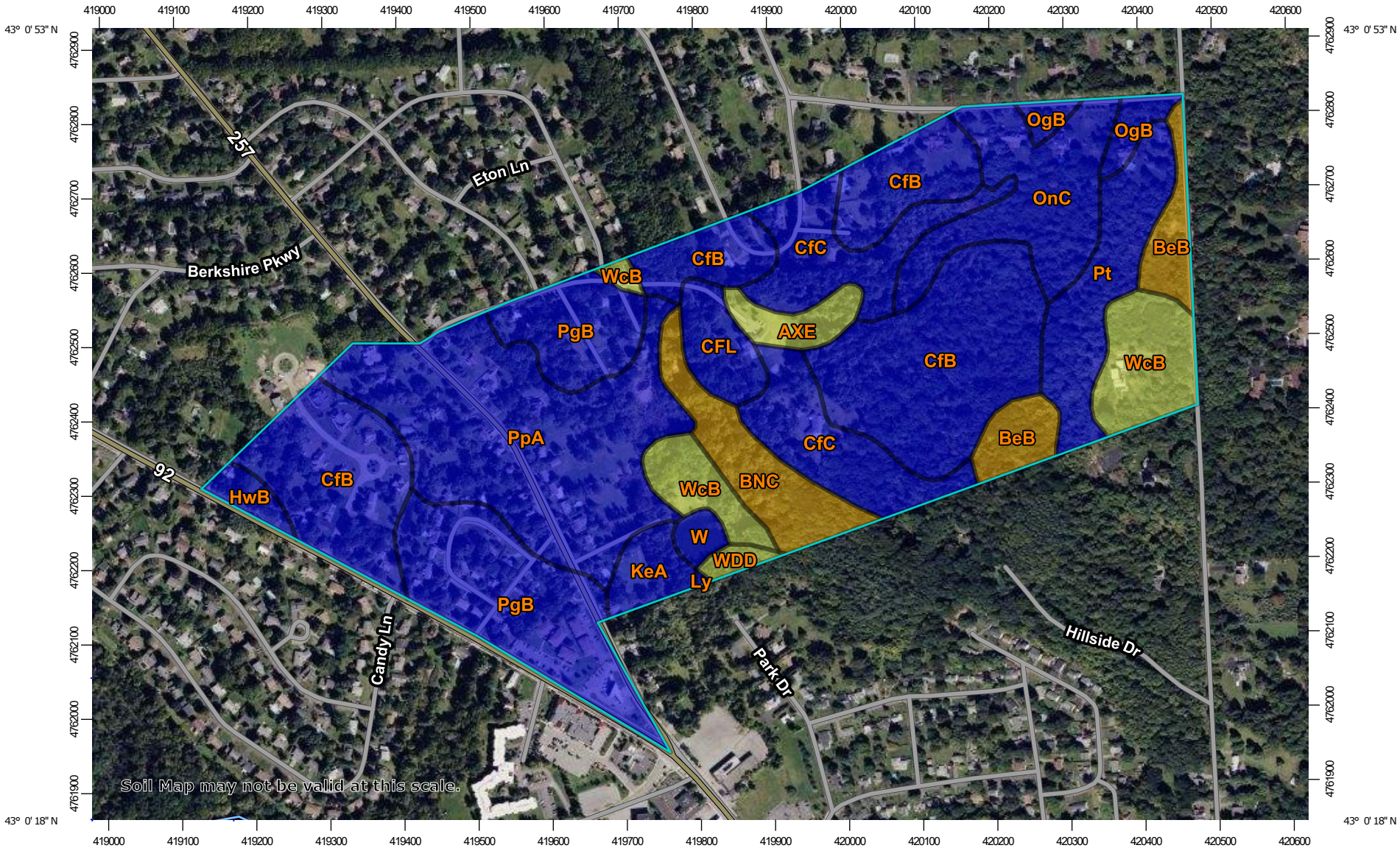
Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

Depth to Any Soil Restrictive Layer—Onondaga County, New York
(Depth to Any Soil Restrictive Layer)



Map Scale: 1:7,500 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 350 700 1400 2100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Lines

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Points

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Water Features

Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Onondaga County, New York
Survey Area Data: Version 18, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 15, 2022—Oct 28, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Any Soil Restrictive Layer

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
AXE	Aurora-Farmington-Rock outcrop association, steep	97	2.4	1.7%
BeB	Benson silt loam, undulating	46	4.8	3.4%
BNC	Benson-Wassaic-Rock outcrop association, sloping	46	6.2	4.4%
CfB	Cazenovia silt loam, 2 to 8 percent slopes	>200	34.1	24.3%
CfC	Cazenovia silt loam, 8 to 15 percent slopes	>200	13.6	9.7%
CFL	Cut and fill land	>200	3.2	2.3%
HwB	Howard gravelly fine sandy loam, 3 to 8 percent slopes	>200	1.3	0.9%
KeA	Kendaia silt loam, 0 to 3 percent slopes	>200	2.4	1.7%
Ly	Lyons soils, 0 to 3 percent slopes	>200	0.1	0.0%
OgB	Ontario loam, 3 to 8 percent slopes	>200	2.1	1.5%
OnC	Ontario gravelly loam, 8 to 15 percent slopes	>200	10.1	7.2%
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	>200	17.8	12.7%
PpA	Phelps gravelly loam, 0 to 3 percent slopes	>200	23.8	17.0%
Pt	Quarries	>200	7.9	5.6%
W	Water	>200	1.0	0.7%
WcB	Wassaic silt loam, 0 to 8 percent slopes	89	8.8	6.3%
WDD	Wassaic-Benson silt loams, moderately steep	89	0.8	0.5%
Totals for Area of Interest			**140.1**	**100.0%**

Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to any type of restrictive layer that is described for each map unit. If more than one type of restrictive layer is described for an individual soil type, the depth to the shallowest one is presented. If no restrictive layer is described in a map unit, it is represented by the "greater than 200" depth class.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

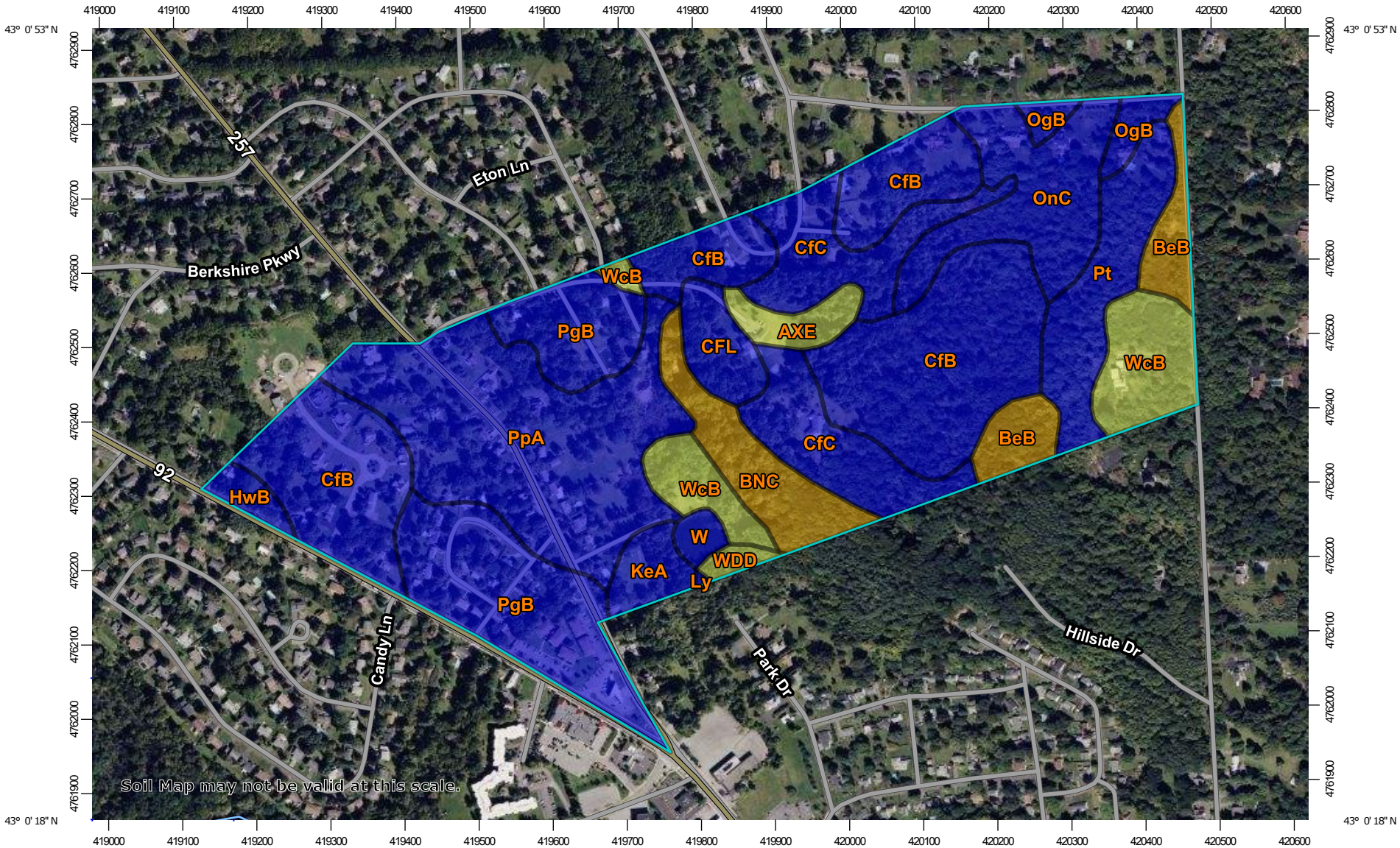
Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

Interpret Nulls as Zero: No

Depth to Bedrock—Onondaga County, New York
(Depth to Bedrock)



Map Scale: 1:7,500 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 350 700 1400 2100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Lines

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Soil Rating Points

- 0 - 25
- 25 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200
- Not rated or not available

Water Features

Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Onondaga County, New York
Survey Area Data: Version 18, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 15, 2022—Oct 28, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Bedrock

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
AXE	Aurora-Farmington-Rock outcrop association, steep	97	2.4	1.7%
BeB	Benson silt loam, undulating	46	4.8	3.4%
BNC	Benson-Wassaic-Rock outcrop association, sloping	46	6.2	4.4%
CfB	Cazenovia silt loam, 2 to 8 percent slopes	>200	34.1	24.3%
CfC	Cazenovia silt loam, 8 to 15 percent slopes	>200	13.6	9.7%
CFL	Cut and fill land	>200	3.2	2.3%
HwB	Howard gravelly fine sandy loam, 3 to 8 percent slopes	>200	1.3	0.9%
KeA	Kendaia silt loam, 0 to 3 percent slopes	>200	2.4	1.7%
Ly	Lyons soils, 0 to 3 percent slopes	>200	0.1	0.0%
OgB	Ontario loam, 3 to 8 percent slopes	>200	2.1	1.5%
OnC	Ontario gravelly loam, 8 to 15 percent slopes	>200	10.1	7.2%
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	>200	17.8	12.7%
PpA	Phelps gravelly loam, 0 to 3 percent slopes	>200	23.8	17.0%
Pt	Quarries	>200	7.9	5.6%
W	Water	>200	1.0	0.7%
WcB	Wassaic silt loam, 0 to 8 percent slopes	89	8.8	6.3%
WDD	Wassaic-Benson silt loams, moderately steep	89	0.8	0.5%
Totals for Area of Interest			**140.1**	**100.0%**

Description

The term bedrock in soil survey refers to a continuous root and water restrictive layer of rock that occurs within the soil profile.

There are many types of restrictions that can occur within the soil profile but this theme only includes the three restrictions that use the term bedrock. These are:

1) Lithic Bedrock

2) Paralithic Bedrock

3) Densic Bedrock

Lithic bedrock and paralithic bedrock are comprised of igneous, metamorphic, and sedimentary rocks, which are coherent and consolidated into rock through pressure, heat, cementation, or fusion. Lithic bedrock represents the hardest type of bedrock, with a hardness of strongly coherent to indurated. Paralithic bedrock has a hardness of extremely weakly coherent to moderately coherent. It can occur as a thin layer of weathered bedrock above harder lithic bedrock. Paralithic bedrock can also be much thicker, extending well below the soil profile.

Densic bedrock represents a unique kind of bedrock recognized within the soil survey. It is non-coherent and consolidated, dense root restrictive material, formed by pressure, heat, and dewatering of earth materials or sediments. Densic bedrock differs from densic materials, which formed under the compaction of glaciers, mudflows, and or human-caused compaction.

If more than one type of bedrock is described for an individual soil type, the depth to the shallowest one is given. If no bedrock is described in a map unit, it is represented by the "greater than 200" depth class.

Depth to bedrock is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

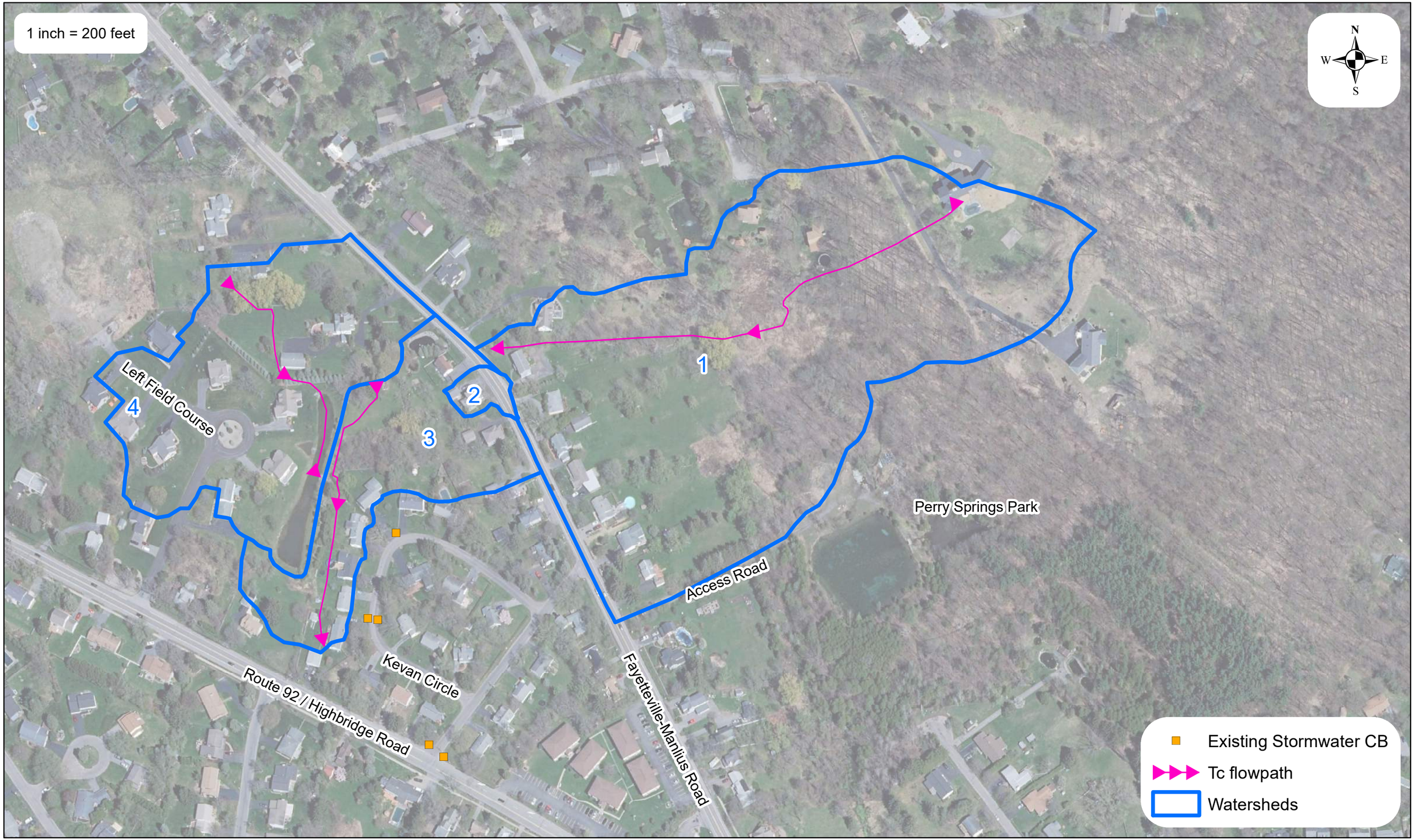
Component Percent Cutoff: None Specified

Tie-break Rule: Lower

Interpret Nulls as Zero: No

Appendix B:
Watershed Map

APPENDIX B: WATERSHED MAP



Appendix C:
Peak Flow Calculation Data

NOAA Atlas 14, Volume 10, Version 3
Location name: Manlius, New York, USA*
Latitude: 43.0084°, Longitude: -75.9846°
Elevation: 603 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sandra Pavlovic, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Orlan Wilhite

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches/hour)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	3.36 (2.71-4.13)	4.06 (3.28-4.99)	5.18 (4.18-6.40)	6.12 (4.90-7.61)	7.42 (5.71-9.59)	8.39 (6.30-11.1)	9.41 (6.84-12.8)	10.6 (7.21-14.7)	12.3 (8.03-17.6)	13.8 (8.72-20.0)
10-min	2.38 (1.93-2.93)	2.87 (2.32-3.53)	3.67 (2.96-4.54)	4.34 (3.47-5.38)	5.26 (4.04-6.79)	5.94 (4.47-7.83)	6.67 (4.85-9.10)	7.50 (5.11-10.4)	8.72 (5.68-12.5)	9.74 (6.18-14.2)
15-min	1.86 (1.51-2.30)	2.25 (1.82-2.77)	2.88 (2.32-3.56)	3.40 (2.72-4.22)	4.12 (3.17-5.33)	4.66 (3.50-6.14)	5.23 (3.80-7.14)	5.88 (4.01-8.15)	6.84 (4.46-9.78)	7.64 (4.84-11.1)
30-min	1.29 (1.04-1.58)	1.55 (1.25-1.91)	1.99 (1.60-2.46)	2.35 (1.88-2.91)	2.85 (2.19-3.68)	3.22 (2.42-4.24)	3.61 (2.63-4.93)	4.07 (2.77-5.64)	4.74 (3.08-6.76)	5.29 (3.35-7.70)
60-min	0.820 (0.664-1.01)	0.990 (0.800-1.22)	1.27 (1.02-1.57)	1.50 (1.20-1.86)	1.82 (1.40-2.35)	2.05 (1.54-2.71)	2.31 (1.68-3.15)	2.60 (1.77-3.60)	3.02 (1.97-4.32)	3.38 (2.14-4.92)
2-hr	0.525 (0.427-0.641)	0.623 (0.507-0.762)	0.783 (0.635-0.961)	0.916 (0.737-1.13)	1.10 (0.853-1.41)	1.24 (0.937-1.62)	1.38 (1.01-1.87)	1.55 (1.07-2.12)	1.79 (1.18-2.54)	2.00 (1.28-2.87)
3-hr	0.398 (0.326-0.484)	0.469 (0.383-0.572)	0.586 (0.477-0.716)	0.682 (0.551-0.837)	0.815 (0.635-1.04)	0.915 (0.696-1.19)	1.02 (0.751-1.37)	1.14 (0.789-1.56)	1.32 (0.871-1.85)	1.46 (0.941-2.09)
6-hr	0.244 (0.201-0.295)	0.286 (0.235-0.346)	0.356 (0.291-0.432)	0.414 (0.337-0.504)	0.493 (0.387-0.623)	0.553 (0.424-0.711)	0.615 (0.456-0.817)	0.686 (0.479-0.926)	0.789 (0.527-1.10)	0.873 (0.568-1.23)
12-hr	0.144 (0.120-0.173)	0.170 (0.141-0.204)	0.212 (0.175-0.256)	0.247 (0.203-0.299)	0.296 (0.234-0.371)	0.332 (0.256-0.423)	0.370 (0.276-0.486)	0.413 (0.291-0.551)	0.473 (0.319-0.650)	0.523 (0.344-0.730)
24-hr	0.085 (0.071-0.101)	0.100 (0.083-0.119)	0.125 (0.103-0.149)	0.145 (0.120-0.174)	0.173 (0.138-0.215)	0.195 (0.151-0.246)	0.217 (0.163-0.282)	0.242 (0.172-0.319)	0.276 (0.188-0.375)	0.304 (0.202-0.420)
2-day	0.049 (0.041-0.058)	0.057 (0.048-0.068)	0.071 (0.059-0.084)	0.082 (0.068-0.098)	0.097 (0.078-0.120)	0.109 (0.085-0.136)	0.121 (0.092-0.156)	0.134 (0.096-0.176)	0.153 (0.105-0.205)	0.167 (0.112-0.229)
3-day	0.036 (0.030-0.043)	0.042 (0.035-0.049)	0.051 (0.043-0.061)	0.059 (0.049-0.070)	0.070 (0.056-0.085)	0.078 (0.061-0.097)	0.086 (0.065-0.110)	0.095 (0.069-0.124)	0.108 (0.075-0.144)	0.118 (0.080-0.160)
4-day	0.029 (0.025-0.035)	0.034 (0.028-0.040)	0.041 (0.034-0.048)	0.047 (0.039-0.056)	0.055 (0.045-0.067)	0.061 (0.048-0.076)	0.068 (0.052-0.086)	0.075 (0.054-0.097)	0.085 (0.059-0.113)	0.093 (0.063-0.125)
7-day	0.020 (0.017-0.024)	0.023 (0.019-0.027)	0.027 (0.023-0.032)	0.031 (0.026-0.036)	0.036 (0.029-0.043)	0.040 (0.031-0.049)	0.043 (0.033-0.055)	0.048 (0.035-0.061)	0.054 (0.038-0.071)	0.058 (0.040-0.078)
10-day	0.016 (0.014-0.019)	0.018 (0.016-0.021)	0.022 (0.018-0.025)	0.024 (0.020-0.028)	0.028 (0.023-0.034)	0.031 (0.025-0.038)	0.034 (0.026-0.042)	0.037 (0.027-0.047)	0.041 (0.029-0.054)	0.045 (0.031-0.060)
20-day	0.011 (0.010-0.013)	0.013 (0.011-0.015)	0.015 (0.012-0.017)	0.016 (0.014-0.019)	0.019 (0.015-0.022)	0.020 (0.016-0.025)	0.022 (0.017-0.028)	0.024 (0.018-0.030)	0.027 (0.019-0.034)	0.029 (0.020-0.038)
30-day	0.009 (0.008-0.011)	0.010 (0.009-0.012)	0.012 (0.010-0.014)	0.013 (0.011-0.015)	0.015 (0.012-0.018)	0.016 (0.013-0.020)	0.018 (0.014-0.022)	0.019 (0.014-0.024)	0.021 (0.015-0.027)	0.022 (0.016-0.029)
45-day	0.008 (0.007-0.009)	0.009 (0.007-0.010)	0.010 (0.008-0.011)	0.011 (0.009-0.012)	0.012 (0.010-0.014)	0.013 (0.011-0.016)	0.014 (0.011-0.017)	0.015 (0.011-0.019)	0.016 (0.012-0.021)	0.017 (0.012-0.023)
60-day	0.007 (0.006-0.008)	0.007 (0.006-0.009)	0.008 (0.007-0.010)	0.009 (0.008-0.011)	0.010 (0.008-0.012)	0.011 (0.009-0.013)	0.012 (0.009-0.015)	0.013 (0.010-0.016)	0.014 (0.010-0.018)	0.015 (0.010-0.019)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

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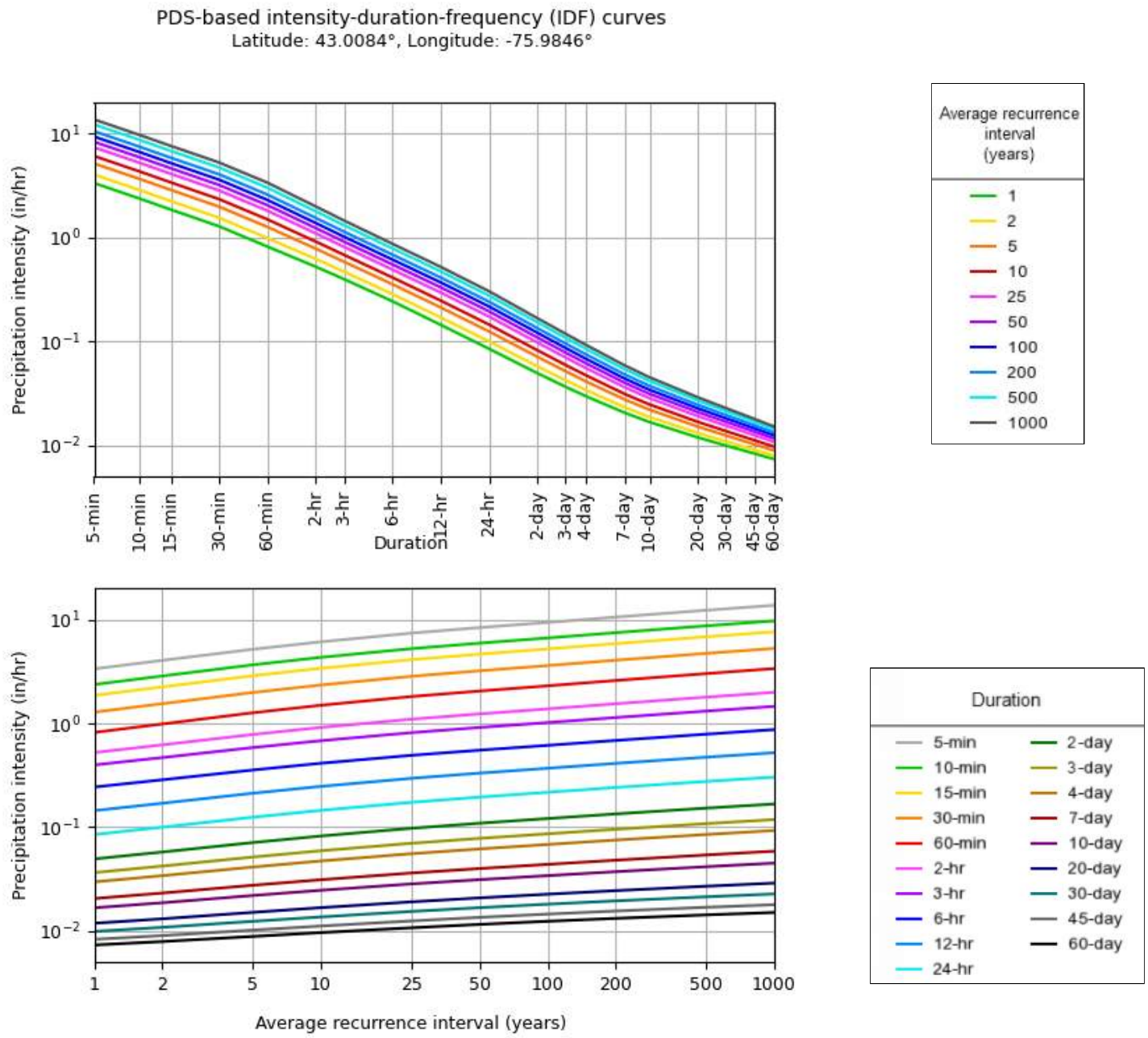
PF graphical



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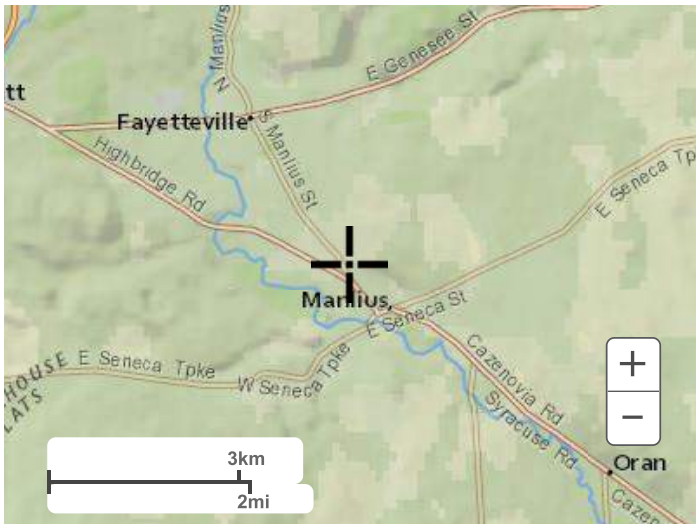
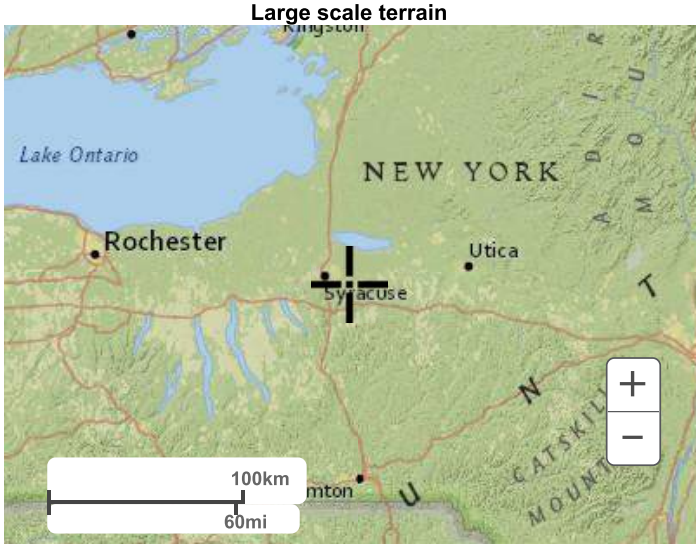
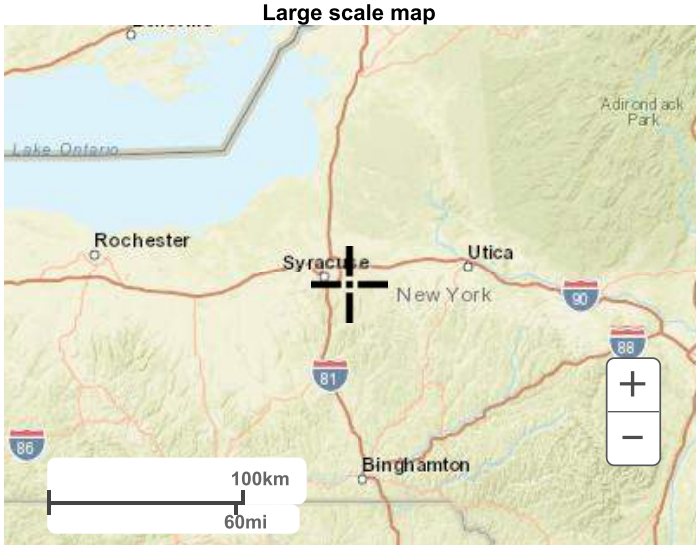
Small scale terrain



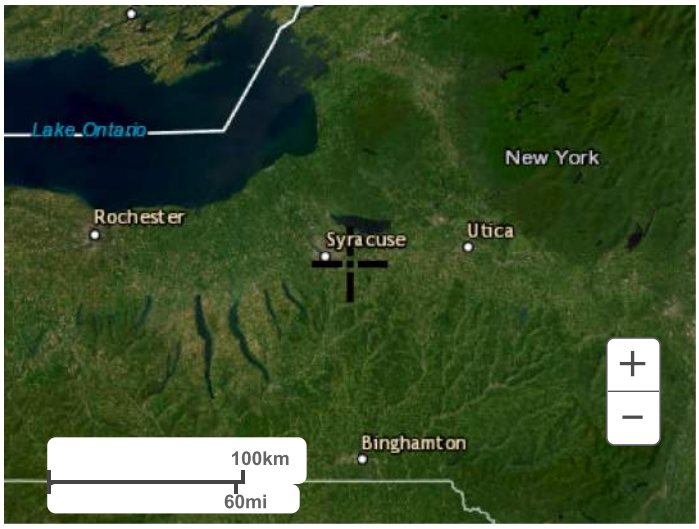
Large scale terrain



Large scale map



Large scale aerial



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NOAA Atlas 14, Volume 10, Version 3
Location name: Manlius, New York, USA*
Latitude: 43.0084°, Longitude: -75.9846°
Elevation: 603 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sandra Pavlovic, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Orlan Wilhite

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.280 (0.226-0.344)	0.338 (0.273-0.416)	0.432 (0.348-0.533)	0.510 (0.408-0.634)	0.618 (0.476-0.799)	0.699 (0.525-0.921)	0.784 (0.570-1.07)	0.883 (0.601-1.22)	1.03 (0.669-1.47)	1.15 (0.727-1.67)
10-min	0.396 (0.321-0.488)	0.478 (0.386-0.589)	0.612 (0.493-0.756)	0.723 (0.578-0.897)	0.876 (0.674-1.13)	0.990 (0.745-1.30)	1.11 (0.808-1.52)	1.25 (0.851-1.73)	1.45 (0.947-2.08)	1.62 (1.03-2.36)
15-min	0.466 (0.377-0.574)	0.563 (0.455-0.693)	0.721 (0.579-0.890)	0.851 (0.681-1.06)	1.03 (0.793-1.33)	1.16 (0.876-1.53)	1.31 (0.950-1.78)	1.47 (1.00-2.04)	1.71 (1.11-2.44)	1.91 (1.21-2.78)
30-min	0.643 (0.520-0.791)	0.776 (0.627-0.956)	0.994 (0.800-1.23)	1.17 (0.938-1.46)	1.42 (1.10-1.84)	1.61 (1.21-2.12)	1.81 (1.31-2.47)	2.04 (1.39-2.82)	2.37 (1.54-3.38)	2.65 (1.68-3.85)
60-min	0.820 (0.664-1.01)	0.990 (0.800-1.22)	1.27 (1.02-1.57)	1.50 (1.20-1.86)	1.82 (1.40-2.35)	2.05 (1.54-2.71)	2.31 (1.68-3.15)	2.60 (1.77-3.60)	3.02 (1.97-4.32)	3.38 (2.14-4.92)
2-hr	1.05 (0.855-1.28)	1.25 (1.01-1.52)	1.57 (1.27-1.92)	1.83 (1.48-2.26)	2.20 (1.71-2.82)	2.47 (1.87-3.23)	2.76 (2.03-3.74)	3.10 (2.13-4.25)	3.59 (2.36-5.07)	4.00 (2.56-5.74)
3-hr	1.20 (0.979-1.46)	1.41 (1.15-1.72)	1.76 (1.43-2.15)	2.05 (1.66-2.52)	2.45 (1.91-3.12)	2.75 (2.09-3.57)	3.07 (2.26-4.11)	3.43 (2.37-4.67)	3.96 (2.62-5.55)	4.39 (2.83-6.27)
6-hr	1.46 (1.20-1.77)	1.72 (1.41-2.08)	2.13 (1.75-2.59)	2.48 (2.02-3.02)	2.96 (2.32-3.73)	3.31 (2.54-4.26)	3.69 (2.73-4.90)	4.11 (2.87-5.55)	4.73 (3.16-6.56)	5.23 (3.40-7.39)
12-hr	1.74 (1.45-2.09)	2.06 (1.70-2.47)	2.56 (2.12-3.09)	2.99 (2.45-3.61)	3.57 (2.82-4.47)	4.01 (3.09-5.10)	4.47 (3.33-5.86)	4.98 (3.51-6.65)	5.71 (3.86-7.84)	6.30 (4.14-8.80)
24-hr	2.04 (1.70-2.43)	2.41 (2.01-2.87)	3.00 (2.49-3.59)	3.50 (2.88-4.20)	4.17 (3.32-5.18)	4.69 (3.64-5.91)	5.22 (3.93-6.78)	5.81 (4.13-7.68)	6.64 (4.53-9.02)	7.32 (4.86-10.1)
2-day	2.38 (2.00-2.82)	2.78 (2.33-3.29)	3.42 (2.86-4.06)	3.96 (3.29-4.72)	4.70 (3.77-5.78)	5.26 (4.12-6.56)	5.84 (4.42-7.49)	6.47 (4.65-8.45)	7.35 (5.07-9.87)	8.06 (5.41-11.0)
3-day	2.64 (2.22-3.11)	3.05 (2.57-3.60)	3.72 (3.13-4.40)	4.28 (3.57-5.08)	5.05 (4.07-6.18)	5.64 (4.44-7.00)	6.24 (4.75-7.96)	6.90 (4.98-8.96)	7.82 (5.42-10.4)	8.55 (5.78-11.6)
4-day	2.86 (2.42-3.36)	3.29 (2.78-3.86)	3.98 (3.35-4.69)	4.55 (3.81-5.39)	5.35 (4.32-6.52)	5.95 (4.70-7.36)	6.57 (5.02-8.34)	7.24 (5.26-9.37)	8.19 (5.71-10.9)	8.95 (6.07-12.1)
7-day	3.46 (2.94-4.04)	3.91 (3.32-4.57)	4.65 (3.93-5.44)	5.26 (4.42-6.18)	6.10 (4.96-7.38)	6.73 (5.36-8.27)	7.39 (5.69-9.31)	8.11 (5.93-10.4)	9.10 (6.40-12.0)	9.90 (6.78-13.2)
10-day	4.02 (3.44-4.68)	4.50 (3.84-5.24)	5.29 (4.49-6.17)	5.94 (5.02-6.96)	6.84 (5.58-8.23)	7.52 (6.01-9.18)	8.22 (6.35-10.3)	8.98 (6.61-11.4)	10.0 (7.09-13.1)	10.9 (7.48-14.4)
20-day	5.72 (4.92-6.60)	6.31 (5.42-7.29)	7.28 (6.23-8.43)	8.08 (6.88-9.40)	9.19 (7.56-10.9)	10.0 (8.07-12.1)	10.9 (8.47-13.4)	11.8 (8.77-14.9)	13.0 (9.30-16.8)	13.9 (9.71-18.3)
30-day	7.16 (6.18-8.24)	7.84 (6.76-9.02)	8.96 (7.70-10.3)	9.88 (8.44-11.4)	11.2 (9.21-13.2)	12.1 (9.80-14.5)	13.1 (10.2-16.0)	14.1 (10.6-17.7)	15.4 (11.1-19.8)	16.4 (11.5-21.4)
45-day	9.01 (7.81-10.3)	9.79 (8.47-11.2)	11.1 (9.53-12.7)	12.1 (10.4-13.9)	13.5 (11.2-15.9)	14.7 (11.9-17.5)	15.8 (12.4-19.2)	16.9 (12.7-21.0)	18.3 (13.3-23.4)	19.4 (13.7-25.1)
60-day	10.6 (9.21-12.1)	11.4 (9.93-13.1)	12.8 (11.1-14.7)	13.9 (12.0-16.0)	15.5 (12.9-18.2)	16.7 (13.6-19.8)	17.9 (14.1-21.7)	19.1 (14.5-23.7)	20.7 (15.0-26.2)	21.8 (15.5-28.0)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

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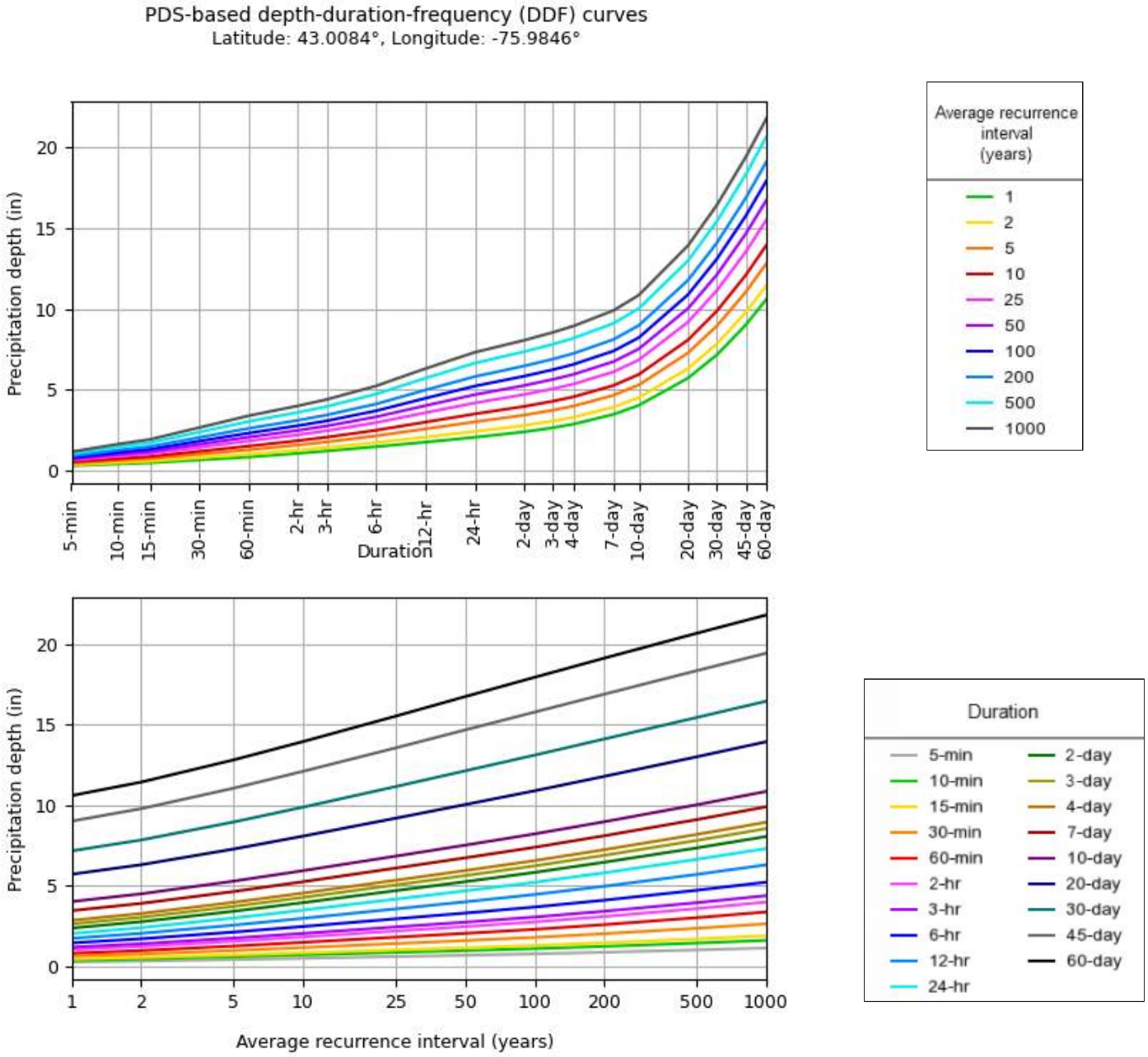
PF graphical



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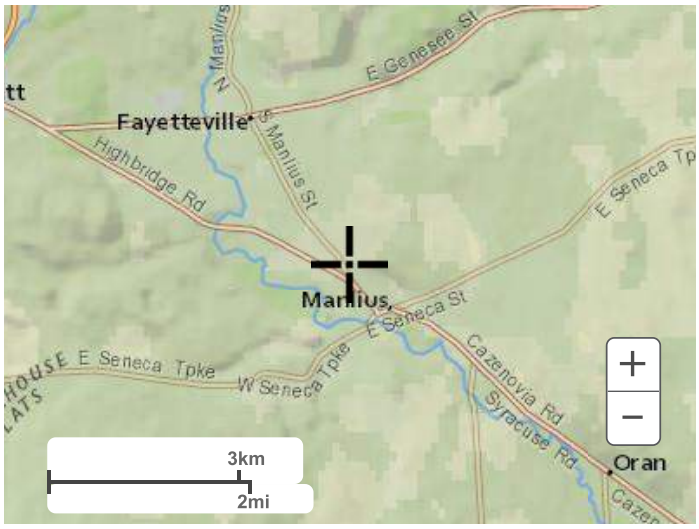
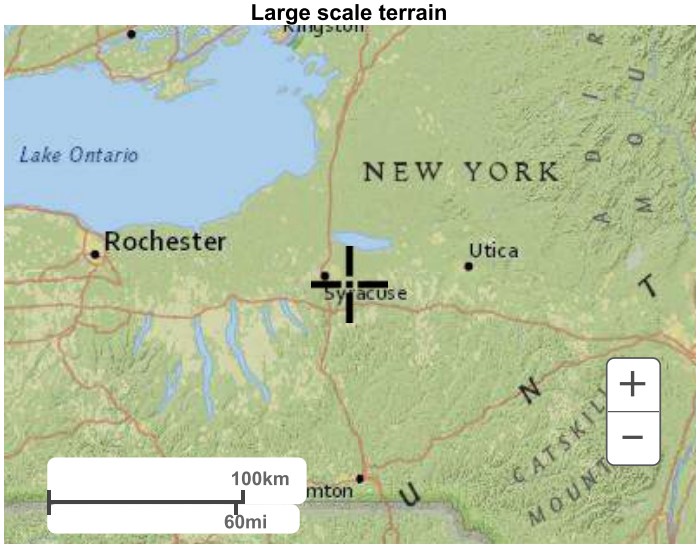
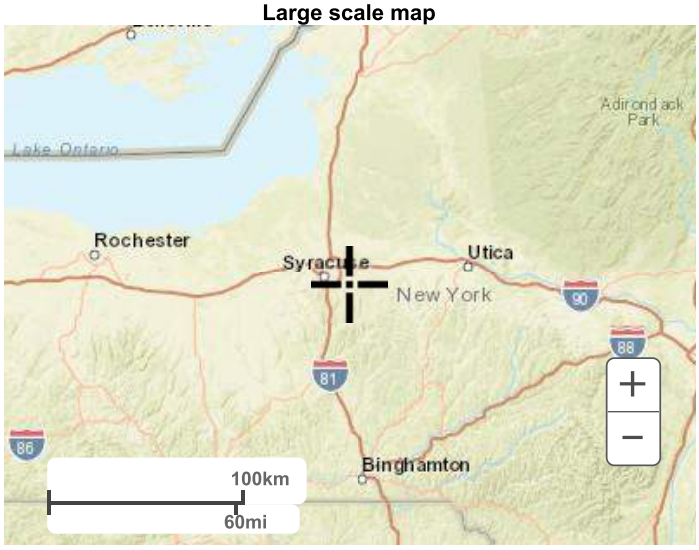


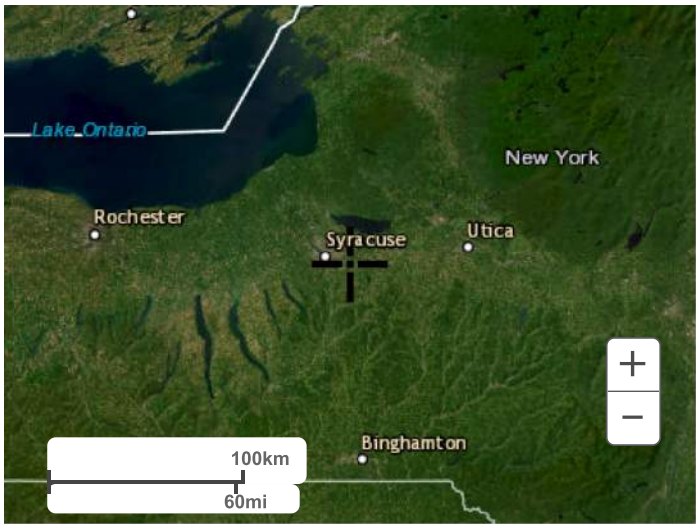
Large scale terrain



Large scale map



Large scale aerial



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Disclaimer

Tc Path	**1**	
Total Tc	**0.41**	**hours**
	24.5	**mins**

sheet flow (cannot exceed 100 feet)

L	100	feet
Elev 1	683.4	ft
Elev 2	661.7	ft
slope	0.22	
n	0.4	
P2	2.4	inches/hour
Tc	**0.16**	**hours**

shallow concentrated

L	586	feet
Elev 1	661.7	ft
Elev 2	602.7	ft
slope	0.10	
n	woods	
Velocity	0.75	fps
Tc	**0.22**	**hours**

Channel Flow

L	513	feet
Elev 1	602.7	
Elev 2	598.4	ft
slope	0.01	
n	0.035	
side slope	1	
depth	3	
top width	7	
bot width	1	
A	12	
P	9.5	
Hydr Rad, F	1.3	
Velocity	4.5	fps
Tc	**0.03**	**hours**

Tc Path	**3**	
Total Tc	**0.56**	**hours**
	33	**mins**

sheet flow (cannot exceed 100 feet)

L	100	feet
Elev 1	594.5	ft
Elev 2	591.3	ft
slope	0.031	
n	0.15	
P2	2.4	inches/hour
Tc	**0.16**	**hours**

shallow concentrated

L	38	feet
Elev 1	591.3	ft
Elev 2	590.6	ft
slope	0.021	
n	grass	
Velocity	0.95	fps
Tc	**0.01**	**hours**

shallow concentrated

L	185	feet
Elev 1	590.6	ft
Elev 2	588.6	ft
slope	0.011	
n	woods	
Velocity	0.25	fps
Tc	**0.21**	**hours**

shallow concentrated

L	328	feet
Elev 1	588.6	ft
Elev 2	587.9	ft
slope	0.002	
n	grass	
Velocity	0.5	fps
Tc	**0.18**	**hours**

Tc Path	**4**	
Total Tc	**0.41**	**hours**
	24	**mins**

sheet flow (cannot exceed 100 feet)

L	100	feet
Elev 1	597.2	ft
Elev 2	592.4	ft
slope	0.049	
n	0.4	
P2	2.4	inches/hour
Tc	**0.29**	**hours**

shallow concentrated

L	286	feet
Elev 1	592.4	ft
Elev 2	589.9	ft
slope	0.009	
n	grass	
Velocity	0.7	fps
Tc	**0.11**	**hours**

pond

L	205	feet
depth	5.0	ft
Velocity	12.7	fps
Tc	**0.004**	**hours**

Design Bureau

4A-5

Using the Rational Method to Determine Peak Flow

Design Manual
Chapter 4
Drainage
Originally Issued: 09-01-95
Revised: 06-26-23

This section addresses the following:

- The Rational Method. Note: the Rational Method cannot be used for drainage basins greater than 160 acres.
  - The Rational equation.
  - Drainage area (A).
  - Runoff coefficient (C).
    - Table of runoff coefficients for the Rational Method.
    - Determining a composite C.
  - Rainfall intensity (I).
    - Recurrence interval (frequency).
    - Time of concentration.
      - Overland sheet flow.
      - Shallow concentrated flow.
      - Open channel flow.
- Calculating peak flow (Q) for a drainage area.
- Design application.

Designers need to be aware of work being done by the other offices for the same project site and coordinate with them to determine the design effort required by each office.

The Rational Method

For most roadway stormwater drainage systems, the Rational Method can be used to determine peak flow (Q). If drainage areas involve pump stations or include topography or structures that retain or detain water, the Rational Method cannot be used. Use other nationally accepted methods.

The Rational Method is limited to drainage basins 160 acres or smaller. This is a result of the assumptions associated with the Rational Method, which include:

- Recurrence interval (T_R) used for estimating peak flow is the same as that for determining rainfall intensity (i.e., a 50 year storm is assumed to produce a 50 year peak flow). Peak flow is assumed to occur when the entire watershed is contributing to flow.
- Rainfall intensity is the same over the entire drainage area and is uniform over a time duration equal to the time of concentration (T_c).

For drainage areas larger than 160 acres, other methods of determining peak flow (for example, the SCS (NCRS) peak flow method) are required. These are discussed in HEC-22.

The Rational Equation

The Rational Method uses the Rational equation given below:

$$Q = CIA \quad \text{(Equation 4A-5_1)}$$

where:

Q = Peak flow, ft^3/s.

C = Runoff coefficient (dimensionless).

I = Rainfall intensity, in/hr.

A = Drainage area, acres.

Drainage Area (A)

A drainage basin, or watershed, consists of all drainage areas that contribute flow to an outlet. A drainage basin may consist of one or several drainage areas.

For stormwater system design, a drainage area (A) is the combined area of all surfaces that drain to a given location such as a swale, intake or culvert inlet, pond, stream, etc. Following are some questions to investigate when evaluating a drainage area. Local maintenance authorities may be able to provide information. Documentation of the investigation is important:

- How are individual lots graded? Rear to front? Half to the rear and the other half to the front?
- Will existing contour lines remain the same, or are there known intentions for the area be regraded?
- Which direction will water flow down the gutters of the streets?
- At intersections, what direction will bypass flow or ponded flow go? Will water flow around the corner or flow across the intersection?
- Will water run the same direction for all design rainfall intensities? Does bypass flow drain to the same downstream location as the underground storm sewer pipe?
- Are there known or expected roof drains, tile drains, subdrains, sump pumps, or other items that drain to the system? Are some of these draining water from other drainage basins?

Section 4A-2 lists sources that may be useful when examining drainage areas.

Runoff Coefficient (C)

The runoff coefficient (C), also called the “coefficient of imperviousness,” is the ratio of runoff to rainfall. Factors that contribute to C include:

- Shape of the drainage area.
- Slope of the watershed.
- Land use (percentage of impervious surface and surface type).
- Character of the soil.
- Basin storage potential (potholes, roof storage, etc.).
- Previous (antecedent) moisture conditions.
- Interception by vegetation or animal life (e.g. a beaver dam).
- Rainfall duration.
- Rainfall intensity.
- Recurrence interval (rainfall frequency).

Runoff coefficient values for 5 year, 10 year, 50 year, and 100 year recurrence intervals are given in Table 1.

Table 1: Runoff coefficients for the Rational Method.

description of area	runoff coefficient (C)***			
	5 year	10 year	50 year	100 year
Paved Surfaces/Buildings	0.94	0.95	0.98	0.98
Gravel Surfaces, Compacted	0.45	0.50	0.55	0.60
Gravel Surfaces, Loose Graded or Not Compacted	0.35	0.40	0.45	0.50
Industrial Light, 60% Impervious	0.64	0.69	0.79	0.83
Industrial Heavy, 75% Impervious	0.76	0.79	0.86	0.89
Commercial/Business Areas, 85% Impervious	0.81	0.85	0.91	0.92
Residential Row houses/town houses, 65% Impervious	0.66	0.67	0.74	0.76
Residential 1/4 Acre lots, 40% Impervious*	0.48	0.49	0.58	0.62
Residential 1/2 Acre lots, 25% Impervious*	0.36	0.39	0.49	0.54
Residential 1 Acre lots, 20% Impervious*	0.32	0.34	0.46	0.51
Lawn, 0 to 2% slope (flat) **	0.22	0.22	0.30	0.36
Lawn, 2 to 7% slope (average) **	0.24	0.25	0.35	0.40
Lawn, 7% or greater (steep) **	0.26	0.30	0.38	0.45
Parks/Golf Courses/Cemeteries, 8% Impervious	0.21	0.21	0.28	0.34

* Based on Type B soils. Some regions in Iowa have predominant C and D type soils which require larger 'C' values. Appropriate experience is required in selecting appropriate 'C' values. Contact Office of Design Soils Section for further guidance.

** Based on heavy soils and lawn in fair condition. For situations involving sandy soils, contact the Methods Section

*** For higher percent of imperviousness than in the "description of area", developing land with no cover to poor cover, compacted soils, locations of high water table, and/or soils having a slow infiltration rate when thoroughly wetted, these values may be too low. Consult HEC-22, AASHTO Drainage Design Guidelines, or the Methods Section.

If future land use is unknown, the runoff coefficient should be conservatively based.

Occasionally a single C value can adequately describe an entire project or area. Typically, a different C value is required for each inlet and composite C values are often required. When a drainage area is composed of more than one distinct part, use the weighted average equation below to find a composite C.

$$C = \frac{C_1A_1 + C_2A_2 + C_3A_3 ... + ... C_nA_n}{A_1 + A_2 + A_3 ... + ... A_n} \quad \text{(Equation 4A-5_2)}$$

where:

A_1, A_2, A_3, … A_n = areas of the distinct parts.

C_1 = C value for A_1, C_2 = C value for A_2, etc.

Example Problem 4A-5_1, Determining Composite C

Rainfall Intensity (I)

Rainfall intensity (I) is the average rate of rainfall given in in/hr that occurs over the duration of a storm. Rainfall intensity is required to use the Rational method. To calculate I, the designer must first select a recurrence interval (T_R). Next the designer calculates the time of concentration (T_c). Once T_R and T_c are known, I is determined using Table 2 (for the Rational method, storm duration is the same as T_c). Often, T_c falls between the values in the tables, so I needs to be interpolated.

Table 2: Rainfall Intensities

Rainfall intensity does not account for a rainfall's variable intensity over time or across a basin, or for how much rainfall fell prior to the period in question. Designers should keep these factors in mind, especially for areas prone to flash flooding.

Rainfall intensities in Table 2 have been revised to be based on NOAA's Atlas 14. Intensities have increased rather substantially over the Bulletin 71 values previously used, especially for 5 minute, 10 minute, and 15 minute storm durations – in excess of 20% in some cases. This change could impact projects that are in the design process. The following guidance is suggested:

- If the system is downstream from a future project that will be designed using Atlas 14, strongly consider switching to Atlas 14. This review will need to include the potential impacts to the design as well as impacts the changes may have on the upstream system.
- If the system is upstream from a project that will be designed using Atlas 14, consider switching to Atlas 14 if the project is still early in the design process.
- If the system is upstream from a project designed using Bulletin 71 intensities, stay with Bulletin 71 intensities. Contact the Methods Engineer if a copy those intensities are needed.

If you are uncertain what to do, contact the Methods Engineer.

Recurrence Interval (Frequency)

When designing stormwater drainage systems, designers rely on the recurrence interval (T_R). Recurrence interval is referred to in a number of different ways: frequency, design flood frequency, storm frequency, recurrence frequency, exceedence interval, or return period.

Recurrence interval is based on probability:

$$T_R = \frac{1}{p}$$

where:

T_R = Recurrence Interval in years.

p = Probability of a storm event that equals or exceeds a specified flow occurring in a given year.

Table 3: Recurrence interval and probability.

recurrence interval (frequency) T_R	probability of equaling or exceeding flow (X% chance storm) p
2 year	50%
5 year	20%
10 year	10%
25 year	4%
50 year	2%
100 year	1%

Since T_R is based on probability, a recurrence interval is not the actual interval for which a storm event is expected to occur. Instead, it represents the probability a storm event will occur in any given year. For example, a storm event with a 50 year recurrence interval has a 2% probability of equaling or exceeding a specified flow in any given year. A 50 year storm event may actually occur several times in a 50 year span, several times in one year, or just once in 100 years. When communicating with or relating to the general public, using terms such as "X% Chance Storm Event" may help reduce confusion and concerns.

Designing a stormwater drainage system to handle the worst storm event that could happen would likely be too costly for most situations. On the other hand, designing a system that is overtaxed by even minor storm events can result in flooding that creates safety issues or economic hardships. Since the consequences of flooding in some areas are more severe than in others, desired design T_R values vary for different elements of a system depending on the area drained, area conveying the runoff, and the need to avoid flooding. The selection of the design T_R is based on several factors, which can include safety, economics, policy, or regulatory requirements. The goal is to balance the cost of the system with potential risk and damage costs.

Interstates, Freeways, Expressways, and Primary Highways

Table 4 provides minimum required design T_R values for interstates, freeways, expressways, and primary highways. More stringent requirements (higher design recurrence intervals) may be necessary in areas where encroachment or ponding can result in traffic delays, property damage, or safety concerns.

Table 4: Required minimum design recurrence interval values

situation	design recurrence interval	X% chance storm
flushing velocity	5 year	20%
intake on continuous grade	10 year	10%
intake at a sag point	50 year	2%
major design storm	100 year	1%

Staged Construction or Detour

Recurrence interval design values selected for staged construction and detours depend on traffic counts, speeds, how long the system will be in place, accommodations for overtopping or bypassed flow, and the consequences should the system be overtaxed. Two years is the minimum recurrence interval design value allowed for temporary staged construction.

Local Streets

Recurrence interval design values for local jurisdictions vary throughout the state. Contact the local jurisdiction.

For reconstruction projects involving storm sewer, existing systems should be analyzed and new systems should be sized using current recurrence intervals even if the original system (and other systems tying into it) was sized using a smaller recurrence interval.

In using the Rational equation to determine peak flow for a given T_R (e.g. 10 year), the same T_R must be used when determining C and I. Occasionally the contributing drainage area A is affected by the T_R as well, due to an increased chance of flow bypassing from one watershed to another during large recurrence interval events.

Time of Concentration (T_c)

Time of concentration (T_c) is the time required for water falling on the hydraulically most remote point in a drainage area to flow to the point of interest. Remoteness relates to time rather than distance. Factors affecting T_c include:

- **Surface roughness.** Rough terrain, such as undeveloped areas, impedes flow of runoff more than smooth surfaces such as pavement. This increases T_c.
- **Channel shape and flow patterns.** Channels typically convey runoff more efficiently than flat terrain. This reduces T_c.
- **Slope.** The velocity of runoff increases with increase in slope. This reduces T_c.

Water traveling a short distance across rough, flat terrain may require more time to reach a point of interest than water traveling a longer distance across smooth, steep terrain. Thus, the most hydraulically distant point in a drainage area may not be the point located furthest from the point of interest.

Total T_c may consist of several components and is calculated as follows:

$$T_c = T_{c\ sheet} + T_{c\ shallow} + T_{open\ channel} \quad \text{(Equation 4A-5_3)}$$

where:

T_c = Total time of concentration, minutes.

$T_{c\ sheet}$ = Time of concentration for overland sheet flow, minutes.

$T_{c\ shallow}$ = Time of concentration for shallow concentrated flow, minutes.

$T_{c\ open\ channel} = T_{c\ gutter} + T_{c\ pipe} + T_{c\ swale}$.

where:

$T_{c\ gutter}$ = Time of concentration for gutter flow, minutes.

$T_{c\ pipe}$ = Time of concentration for pipe flow, minutes.

$T_{c\ swale}$ = Time of concentration for flow in a swale, minutes

When calculating I, use a minimum total T_c of 5 minutes.

The following worksheet will aid with calculating T_c. The components of the worksheet are further explained below.

Time of Concentration Worksheet

Peak discharge is greatly affected by watershed slope and velocity, so reasonable care and calculations are required to estimate slope for each type of flow. Best results are generally obtained when the slope derived is representative of the areas to which it is being applied. Drainage areas may need to be divided into sub-basins of significantly different topographical elements.

Overland Sheet Flow ($T_{c\ sheet}$)

Overland sheet flow is the shallow mass of runoff over plane surfaces (e.g. parking lots, lawns). Overland sheet flow usually occurs over a short distance at the high end of a drainage area. The National Resources Conservation Service (NRCS) recommends limiting overland sheet flow to 100 feet for unpaved areas. This manual follows the recommendation of NRCS. For paved surfaces, the maximum is 300 feet.

$L_{Tc\ sheet}$ = 100 feet maximum for unpaved areas and 300 feet maximum for paved areas.

Use the kinematic wave equation below to estimate T_c for overland sheet flow:

$$T_{c\ sheet} = \frac{K_u}{I^{0.4}}\left(\frac{nL}{\sqrt{S}}\right)^{0.6} \quad \text{(Equation 4A-5_4)}$$

where:

$T_{c\ sheet}$ = Overland sheet flow travel time, minutes.

K_u = Empirical coefficient equal to 0.933.

n = Manning's roughness coefficient for overland flow (see Table 5), based on very shallow flow depths of up to 0.1 feet.

L = Overland flow path length, feet.

I = Rainfall intensity rate, in/hr.

S = Slope of the overland flow path, ft/ft.

Table 5: Manning's roughness coefficient (n) for overland flow.

surface description	n
Asphalt and concrete: new existing	 0.016 Refer to Table 2 of Section 4A-6
Cement rubble surface	0.024
Fallow (no residue)	0.05
Cultivated soils: residue cover ≤ 20% residue cover > 20% range (natural)	 0.06 0.17 0.13
Grass: short grass prairie (fields) dense grasses (lawns)	 0.15 0.24
Woods: light underbrush dense underbrush	 0.40 0.80

Table 2 will be necessary to calculate $T_{c\ sheet}$. Since both T_c and I are unknowns, a trial and error process is required using the rainfall intensity values in Table 2. This is how it works:

1. Refer to Table 2 to determine which Section code is appropriate. Choose a value from the "duration" column (this serves as $T_{c\ sheet}$) in Table 2 with the corresponding I from the appropriate "recurrence interval" (10 year or 50 year) column.
2. Calculate $T_{c\ sheet}$ by substituting I into Equation 4A-5_4.
3. Compare the selected value of $T_{c\ sheet}$ with the calculated value from Step 2.
   - If the value of $T_{c\ sheet}$ from Step 2 is less than 5 minutes, use $T_{c\ sheet}$ = 5 minutes.
   - If the selected $T_{c\ sheet}$ is within one minute of $T_{c\ sheet}$ from Step 2, then $T_{c\ sheet}$ equals the selected value.
   - If the selected $T_{c\ sheet}$ is not within one minute of $T_{c\ sheet}$ from Step 2, then select another value for $T_{c\ sheet}$ (try a value close to the calculated $T_{c\ sheet}$). This may require using values of T_{csheet} not in the tables. If this is the case, I will need to be interpolated. This process is demonstrated in the Sheet Flow Example Problem.
4. Repeat Steps 2 and 3 until the selected value for $T_{c\ sheet}$ is within one minute of the calculated $T_{c\ sheet}$.

Example Problem 4A-5_2. Overland Sheet Flow

Shallow Concentrated Flow ($T_{c\ shallow}$)

After a short distance (depending on ground cover, but always less than 100 feet), overland sheet flow starts to concentrate in rills, and then in gullies. This flow is referred to as shallow concentrated flow. The velocity of this flow is estimated using a relationship between velocity and slope. To calculate $T_{c\ shallow}$, first estimate the velocity of flow using the following equation:

$$V = K_u k \sqrt{S} \quad \text{(Equation 4A-5_5)}$$

where:

V = Velocity of flow, ft/s.

S = Slope, ft/ft.*

k = Intercept coefficient (see Table 6).

K_u = Units conversion factor*, 33.

*HEC-22 bases slope on percent. Units conversion factors in HEC-22 are smaller by a factor of 10.

Table 6: Intercept coefficients for shallow concentrated flow.

land cover/flow regime	k
Forest with heavy ground litter; hay meadow (overland flow)	0.076
Trash fallow or minimum tillage cultivation; contour or strip cropped; woodland (overland flow)	0.152
Short grass pasture (overland flow)	0.213
Cultivated straight row (overland flow)	0.274
Nearly bare and untilled (overland flow)	0.305
Grassed waterway (shallow concentrated flow)	0.457
Unpaved (shallow concentrated flow)	0.491
Paved area (shallow concentrated flow); small upland gullies	0.619

Once velocity has been determined, use the equation below to calculate $T_{c\ shallow}$.

$$T_{c\ shallow} = \frac{L}{60V} \text{ (Equation 4A-5_6)}$$

where:

$T_{c\ shallow}$ = Shallow concentrated flow travel time, minutes.

L = Flow length, feet.

V = Velocity of flow, ft/s.

Example Problem 4A-5_3, Shallow Concentrated Flow

Open Channel Flow

Open channels for roadway stormwater drainage systems consist of drainage swales, pipes flowing partially full, and gutters.

Gutter Flow ($T_{c\ gutter}$)

Flow time for runoff in the gutter is typically small (1 to 2 minutes, or less) compared to the total T_c, and it is often not included. This produces slightly more conservative results for rainfall intensity, which adds in a factor of safety.

For long gutter lengths (several hundred feet), flat gutter slopes (around or less than 0.50%), or low flows (less than 0.50 ft^3/s), gutter flow time may be several minutes and may need to be included in total (T_c). To estimate gutter flow time, first determine the average velocity using one of the equations below:

$$V = \frac{2Q}{T^2 S_x} \text{ (Equation 4A-5_7, uniform cross section)}$$

$$V = \frac{2Q}{T^2 S_x + W^2 (S_W - S_x)} \text{ (Equation 4A-5_7, composite gutter section)}$$

where:

Q = Flow in gutter, ft^3/s.

T = Spread, feet.

W = Width of depressed section, feet.

S_x = Cross slope of pavement, ft/ft.

S_W = Cross slope of depressed gutter section, ft/ft.

After calculating velocity, use Equation 4A-5_6 to determine ($T_{c\ gutter}$).

Pipe Flow ($T_{c\ pipe}$)

Refer to General Information for Pipe Design in Section 4A-10.

Drainage Swales ($T_{c\ swale}$)

Use Manning's equation (Equation 4A-5_8 below) to estimate average flow velocity. The Manning's roughness coefficient 'n' is a function of several parameters including: channel material type, roughness, thickness (such as size of rocks or height of vegetation), flow velocity and flow depth. This coefficient can have a dramatic result in the outcome of the equation. Table 7 provides a brief list of some average 'n' values for consideration in the design process. The designer should have a good understanding of how and when to use this equation and how to evaluate the use of an appropriate 'n' value before proceeding.

$$V = \frac{K_u}{n}\left(\frac{A}{P_{wetted}}\right)^{0.67}\sqrt{S} \quad \text{(Equation 4A-5_8)}$$

where:

V = Velocity of flow, ft/s.

S = Slope, ft/ft.

n = Manning's roughness coefficient for open channel flow (See Table 7).

K_u = Units conversion factor, 1.49.

A = Cross sectional flow area, ft^2.

P_{wetted} = Wetted perimeter (surface in contact with water), feet.

Table 7: Values of Manning's coefficient (n) for open channel flow.

channel material	Manning's n
Concrete	
trowel finish	0.013
float finish	0.015
Concrete bottom with rubble or riprap sides	0.030
Vegetation	
depth of flow up to 0.7 ft (215 mm)	
lawns cut 4 to 6 inches	0.070
good stand cut to 12 inches	0.140
good stand cut to 24 inches	0.250
fair stand cut to 12 inches	0.120
fair stand cut to 24 inches	0.200
depth of flow 0.7 to 1.5 ft (215 to 450 mm)	
lawns cut 4 to 6 inches	0.050
good stand cut to 12 inches	0.100
good stand cut to 24 inches	0.150
fair stand cut to 12 inches	0.080
fair stand cut to 24 inches	0.140
Bare soil	
recently completed	0.018
clean after weathering	0.022
Rock cut	
smooth and uniform	0.035
jagged and irregular	0.040

After calculating velocity, use Equation 4A-5_5 to determine ($T_{c\ swale}$).

To estimate $T_{c\ swale}$, the design flow, Q, is desired to estimate flow depth in order to estimate wetted perimeter (P_{wetted}). However, T_c is required to estimate Q; therefore, this is an iterative process that is simplified by hydraulic computer models and spreadsheets. The general design process should be understood before using a model and checking results.

Calculating Peak Flow (Q) for a Drainage Area

The following example demonstrates the process for determining peak flow for a drainage area.

Example Problem 4a-05_4, Determining Peak Flow Values

Design Application

Distinct parts of a drainage area may produce higher peak flows than if a composite 'C' value is used for the total drainage area. Each of these parts should be examined individually, as well as in combination, to determine which produces the largest peak flow. When determining Q for the composite area, use the flowpath associated with the longest T_c.

Runoff analysis must consider flow from outside the study area that may enter the site either as surface runoff or as contained flow in tiles and pipes.

In addition to the determination and analysis of existing and proposed design flows for each design event, consideration must be given to interim construction conditions, staged construction, and reconstruction

Interim Construction Conditions

During construction, vegetative cover may be diminished resulting in increased runoff coefficients and peak flows. Proposed design flow determinations may not be adequate to evaluate interim construction conditions (including erosion and sediment control needs).

Inlets are generally protected from sediment by erosion control devices, such as filter socks, which can trap runoff. Evaluate potential ponding and impacts caused by such erosion control devices.

Sediment basins may be desired to both store excess runoff and capture excess sediment.

Staged Construction

Designers occasionally need to select temporary drainage structures to accommodate staged construction. The level of design required must be commensurate with the risks (including traffic, speed, location, etc.) and should be discussed and selected by the design team.

Reconstruction

Generally reconstruction results in replacing or upgrading a storm sewer system. Occasionally the contributing runoff area has been modified either by overland contribution or closed system contribution (from other storm drain systems that have been tapped into the project area system). Quite often design parameters (e.g. design flow) and design coefficients (impervious area) have changed since the original system design. However, don't reduce the number or size of existing inlets or pipes without significant design evaluation and concurrence from the local and maintenance authorities.

Appendix D:
Environmental Resource Mapper

APPENDIX D

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Environmental Resource Mapper

Base Map: Topographical Using this map

Search

Tools

Layers and Legend

- All Layers
- Unique Geological Features
- Waterbody Classifications for Rivers/Streams
- Waterbody Classifications for Lakes
- Waterbody Inventory/Priority Waterbodies List
  - Lakes and Reservoirs
  - Estuaries
  - Rivers and Streams
  - Shorelines
- State Regulated Freshwater Wetlands (Outside of the Adirondack Park)
  - State Regulated Wetland Checkzone
- Imperiled Mussels
  - Mussel Screening Ponded Waters
  - Mussel Screening Streams
- Significant Natural Communities
  - Natural Communities Near This Location
- Rare Plants or Animals
- Base Flood Elevation Plus 72/75 Inches Sea-level Rise
- Limit to Moderate Wave Action

Other Wetland Layers

Reference Layers

Tell Me More...

Need A Permit?

Contacts

Report to the Community

December 2024

https://www.townofmanlius.org/302/Manlius-Watershed-Stewards

ONEIDA LAKE WATERSHED

LEWIS COUNTY
MONTAGUE
MARTINSBURG
TURIN
WEST TURIN
REDFIELD
OSCEOLA
ORWELL
ALBION
OSWEGO COUNTY
Kasoag Lake
LEWIS
Bloodsucker Lake
WILLIAMSTOWN
FLORENCE
Mad River
AVA
PARISH
West Branch Fish Creek
E. Branch Fish Creek
AMBOY
Chase Pond
CAMDEN
ANNSVILLE
HASTINGS
WEST MONROE
Little River
Camden
Panther Lake
LEE
WESTERN
CONSTANTIA
Scriba Creek
ONEIDA COUNTY
Central Square
Vandercamp Pond
Canada Creek
Cleveland
VIENNA
Fish Creek
ROME
Wood Creek
Oneida Lake
Erie Canal
Sylvan Beach
VERONA
CICERO
LENOX
90
481
SULLIVAN
Oneida Creek
WESTMORELAND
690
Minoa
Canastota
Wampsville
Oneida Castle
Sconondoa Creek
Vernon
ONONDAGA COUNTY
East Syracuse
Limestone Creek
SHERRILL
ONEIDA
SYRACUSE
MANILUS
Chittenango
Canaseraga Creek
Canaseraga Creek
VERNON
Butternut Creek
Fayetteville
LINCOLN
KIRKLAND
Manlius
STOCKBRIDGE
DEWITT
SMITHFIELD
AUGUSTA
Jamesville Reservoir
Cazenovia Lake
FENNER
Munnsville
MARSHALL
ONONDAGA
Chittenango Creek
Cazenovia
20
POMPEY
LAFAYETTE
CAZENOVIA
NELSON
EATON
MADISON
Tuscaora Lake
De Ruyter Reservoir
FABIUS
MADISON COUNTY
TULLY
DE RUYTER
PREBLE
11
TRUXTON
CUYLER
81
CORTLAND COUNTY

LEGEND

- Watershed Boundary
- Waterbodies
- Main Tributaries

ROADS
- US Highways
- Interstate

POLITICAL BOUNDARY
- County
- City
- Town
- Village

Prepared by
HOCCPP
12-17-02

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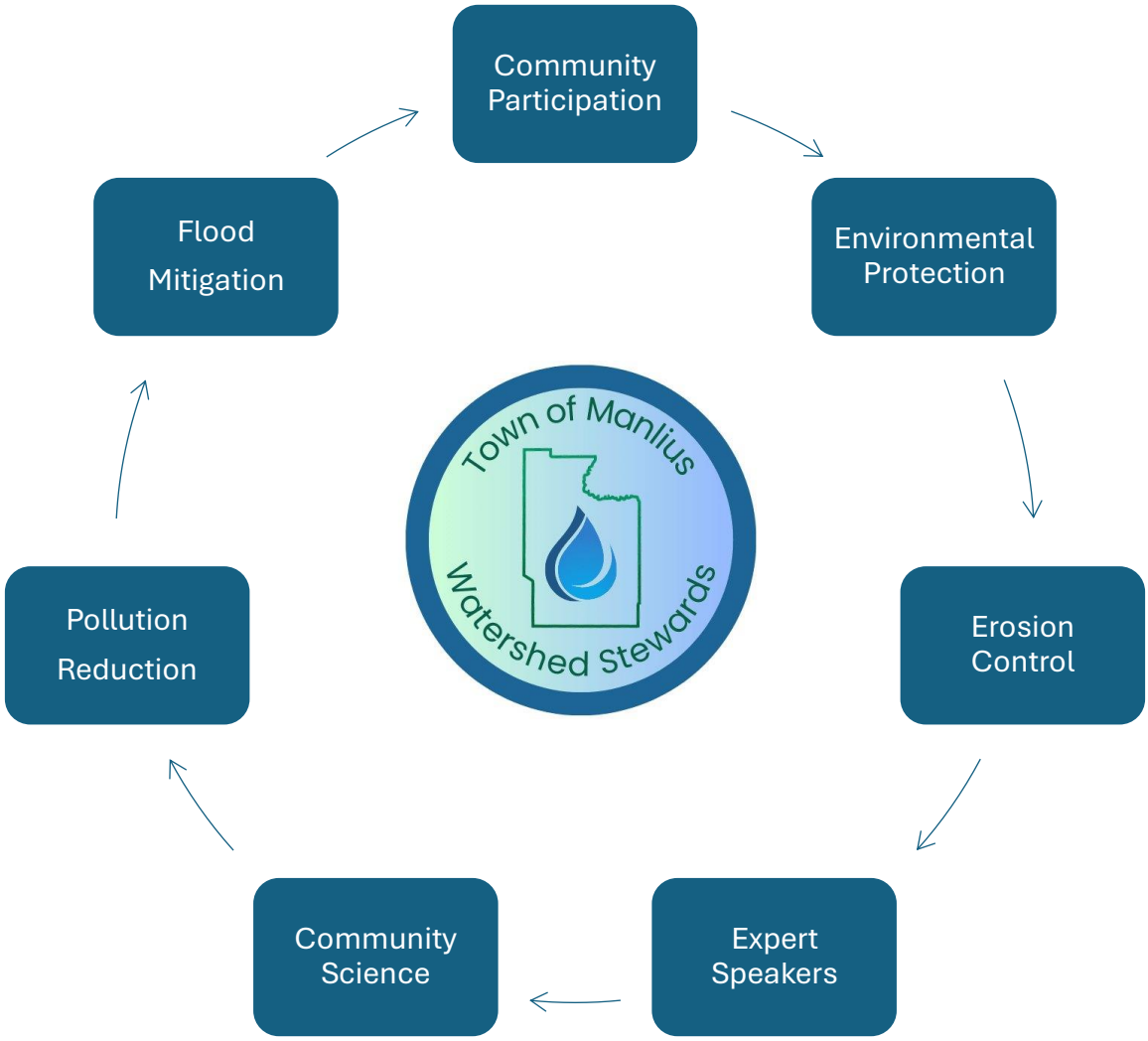
N

0 3.75 7.5 15 Miles


Community Participation
Environmental Protection
Erosion Control
Expert Speakers
Community Science
Pollution Reduction
Flood Mitigation
Town of Manlius
Watershed Stewards

Manlius Watershed Stewards

Who are the Stewards?

The Manlius Watershed Stewards are a group of Town of Manlius residents who are working to foster watershed resilience through education, outreach and community science. Limestone Creek and its tributaries form the main watershed in the Town of Manlius. The Town also contains part of Butternut Creek and Chittenango Creek watersheds. All three creeks are part of the much larger Oneida Lake watershed. All town residents are welcome. Special skills or knowledge are not a prerequisite. Please join us in creating a healthy watershed with high quality water, reduced risk of flooding, improved habitat, increased recreational opportunities and community fun.

Get Involved with the Stewards!

The Manlius Watershed Stewards meet on Tuesdays at the Town of Manlius Town Hall at 6:30. The committee also hosts events throughout the community. Check out our calendar below for upcoming meetings and events. Email the Stewards at watershedstewards@townofmanlius.org.

Report a Stormwater or Flooding Incident.

The Manlius Watershed Stewards want to know what is happening with stormwater and flooding in our community. If you experience or witness an event, please let us know by filling out our ONLINE FORM.

Everyone who uses water should know where it comes from and where it goes!

What is Watershed and Why Does It Matter?

- A watershed is the land that water flows across or under on its way to a river, lake, stream or bay. Water travels over farm fields, forests, suburban lawns and city streets, or it seeps into the soil and travels as groundwater. Watersheds are separated from each other by high points, such as hills or slopes.
- We all live in watersheds. The water in your backyard drains over or under the ground to a small creek or pond and is a part of its watershed. Where does the rain in your backyard end up? The answer to this question is your watershed address, the drainage basin where you live.
- People can affect the environment's health when they pollute a watershed. Pollutants are materials that can harm plants, animals or humans. These materials may be discharged directly into a waterbody or washed off the land and into waterbodies. Some can also seep into the soil and groundwater.

This helpful information on watershed is from the New York State Department of Environmental Conservation. You can learn more about watersheds and how to help protect them on their webpage.

Stormwater
Runoff Pollutes
Runoff from Roof
Runoff from Gutters
Runoff from Street
RUNOFF PICKS UP:
• Pet Waste
• Fertilizers
• Motor Oil
• Detergents
• Chemicals
• Litter
STORMWATER RUNOFF CARRIES POLLUTANTS INTO OUR WATERWAYS.
© Heal Our Waterways

Community Participation

In October 2023 the Watershed Stewards hosted a Creek Walk event on Limestone Creek behind Town Hall. Knowledgeable volunteers led guided walks in small groups along the creek, pointing out key features.

Stations along the creek were be designed to help participants learn about macroinvertebrates, stream flow and energy, bank erosion, run-off, water quality, flood control and many other topics.

There was also an Information Table with handouts on a variety of related topics.

Mill Run Park in the Village of Manlius was host to 22 students from an Environmental Studies class at HW Smith School one sunny day in October 2024. The students split into groups to test water chemistry, describe the environment, take measurements and identify aquatic plants. Groups of students were able to wade into the creek to collect and identify microorganisms that indicate the health of the water.

Partners included NYS Office of Parks, Recreation, and Historic Preservation, Onondaga Environmental Institute, Upstate Freshwater Institute, Syracuse University Environmental Finance Center, Syracuse City School District, in addition to Rochester Institute of Technology staff who led the event, and DEC/Cornell Water Resources Institute sponsorship.

Environmental Protection

Erosion Control

Watershed Stewards planted trees on the banks of the stream leaving Three Falls Woods Critical Environmental Area.

With Technical Assistance from the Onondaga County Soil and Water District (OCSWD) several volunteers planted shrub cuttings, called live stakes, for riparian (streambank) stabilization and erosion control at the base of Three Falls Woods, on flood management lands owned by the Village of Manlius. The intermittent stream, channelized by the Army Corps of Engineers weir placed onsite in the eighties, flows through the Three Falls Woods Critical Environmental Area and has eroded its banks in several places. The OCSWD provided the live stakes, 105 cuttings from silky willow (*Salix sericea*) and 105 cuttings from red-osier dogwood (*Cornus sericea*), and identified seven locations where the live stakes were planted. Both shrubs are native plants.

Live stakes cut from red-osier (red stakes) and silky willow (brown stakes). Notice the size of the stakes compared to the sneaker in the photo.

Expert Speakers

Manlius Informed Series

Assistant Professor at Syracuse University College of Engineering and Computer Science

and Manlius resident!

(September 26, 2023) Dr. Elizabeth Carter of the Limestone Creek Watershed Project: "Practical Flood Control."

NEW YORK STATE | Department of Environmental Conservation

New York's Great Lakes Action Agenda 2023:

Conserving, Protecting, Restoring and Enhancing New York's Great Lakes Basin

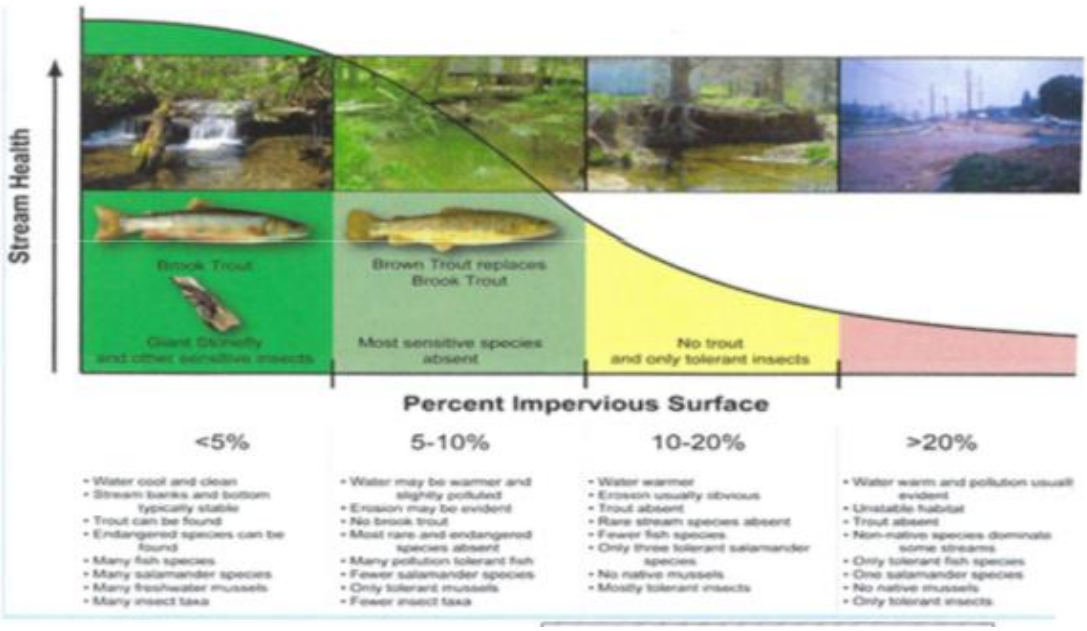
Emily Fell: Eastern Great Lakes Watershed Coordinator, NYSDEC Great Lakes Program, in partnership with the NYS Water Resources Institute at Cornell University

Community Science

A hike through Three Falls Woods in July 2024 provided numerous opportunities for Raquel Mennella, Conservation Crew Lead, NYS Parks [right] and Fiadha DeCola-Judge – Fungi Expert from SUNY ESF [left] to share their knowledge of forest environments and the plants, mosses and fungi that reside in this Critical Environment Area. In addition to being known for its Karst geology, Three Falls Woods is a Maple-Basswood Mesic Forest, which has a high diversity of rich-soil herbs, including a variety of fern species and many spring ephemerals.

Did you know?

There is a fish hatchery right here in Manlius! Using the fresh cool water at Perry Springs, trout are raised in several pools of fish as they are moved from one to the next as they age, until they are large enough to be released into Limestone Creek.



Manlius Watershed Stewards

Tips for "Reading a Stream"

When looking downstream your right side is on the stream's right bank. And your left side is on the stream's left bank. The stream bank designations remain the same even when you turn around and face upstream.

Stream Characteristics

Surface: Smooth

Irregular/choppy – riffles (shallow and turbulent)

Bubbles – flowing downstream in an irregular line – the seam

Below surface: Longitudinal Profile – slope/gradient from headwaters to receiving body of water

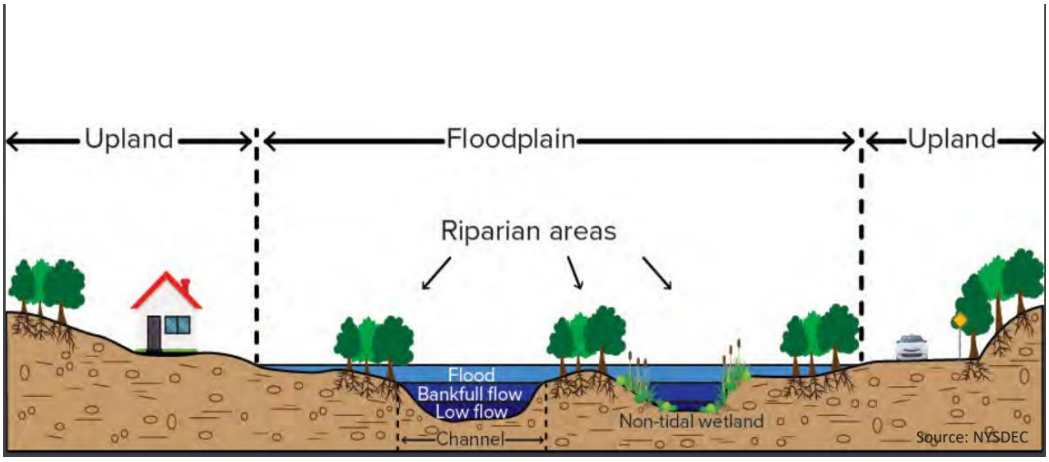
-steep, water flows faster

- flat (relatively), water slows down

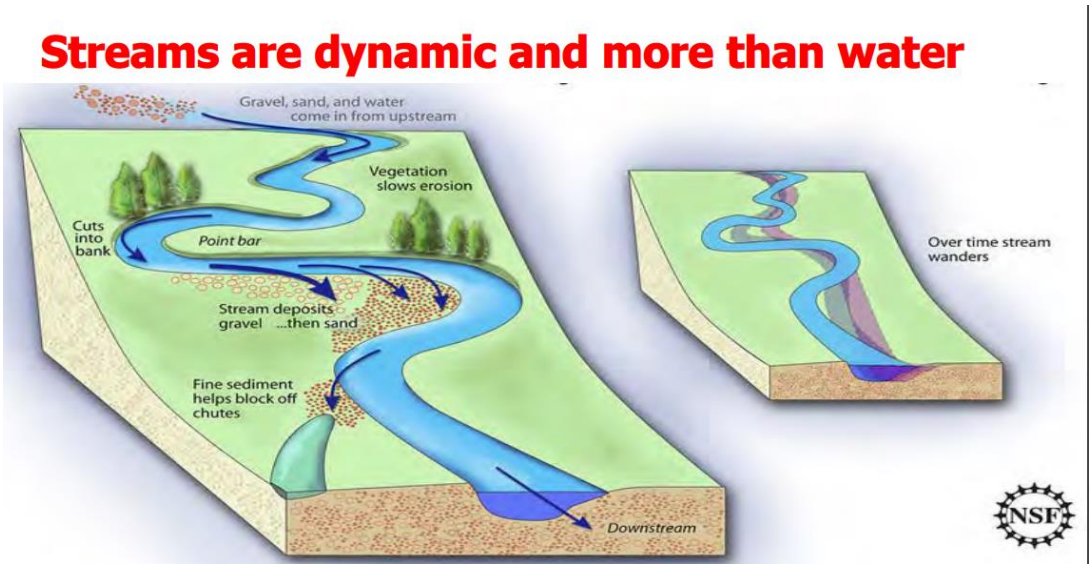
Cross sectional Profile – across the stream – toward its banks the stream is usually (but not always) shallow. The deepest point in the series of cross sections is called the *thalweg*. It is usually under the seam and is where the water flows the fastest.

Stream Concepts (#1)

- Bankful is the ordinary high water level. If the volume of water increases above bankful the stream is flooding. Then it becomes useful to identify the floodplain.



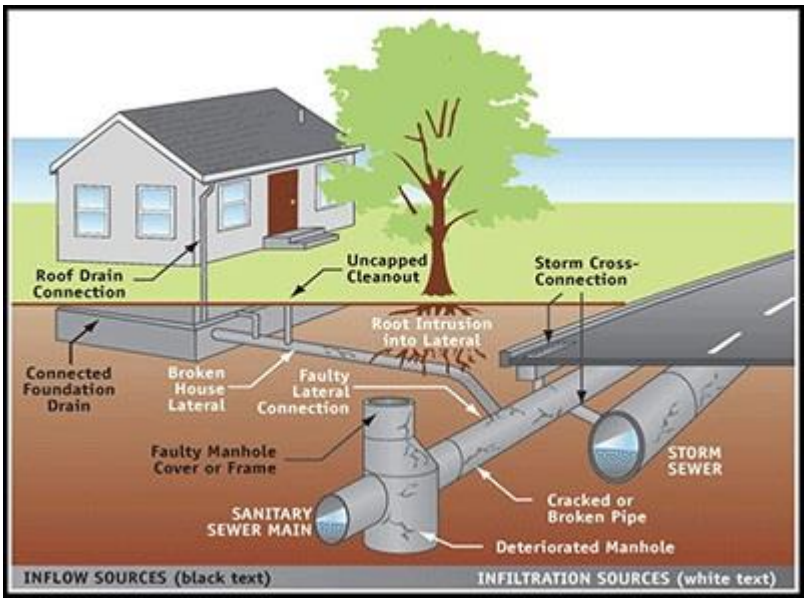
- Flowing water embodies energy. The amount of energy in a stream depends on volume and speed, among other parameters. The energy in a stream carries debris, rocks, pebbles and finer sand particles (often referred to as sediment). Depending on flow (energy) sediment can be eroded from one bank and carried downstream until the water slows and it is deposited as gravel bars
- Streams are constantly changing and meander between the side boundaries of the stream corridor



References:

1. The entire DEC "Streams 101" ppt can be found here: https://www.dec.ny.gov/docs/remediation_hudson_pdf/streams101web.pdf
2. July 2023 final report of Upstate New York Flood Mitigation Group NYSCC_USFMTF_Final_Report_7.01.23.pdf

Pollution Reduction



Water Environment Protection Presentation

Thanks to Councilors McCurdy and Nesci, both of whom live in the impacted neighborhood, the Town hosted a public information meeting with Shannon Hardy, Commissioner of WEP. She presented important information about how the wastewater treatment plant works, and why it overflows when there is heavy rain. https://www.townofmanlius.org/CivicAlerts.aspx?AID=633

Onondaga County Department of WATER ENVIRONMENT PROTECTION

Flood Mitigation

Thanks to the Watershed Stewards, the Town of Manlius has received funding for:

- FEMA via NYS DHSES to study flooding of Bishop Brook at North Eagle Village
- Onondaga County to study flooding at Perry Springs
- NYS DEC to evaluate non point source non agricultural flooding at the West Branch of Limestone Creek

Thanks to Our Partner Organizations

Onondaga County Soil and Water Conservation District

Get Involved!

Join the

Manlius Watershed Stewards

Email: watershedstewards@townofmanlius.org

DONATE

Share Your Expertise

If you have information about hydrology, flooding, stormwater, erosion, landscaping, fish, aquatic plants, water quality, wastewater, funding sources, drainage or any other issue relevant to the health of our Watershed – we'd love to hear from you!

AIA® Document C132® – 2019

Standard Form of Agreement Between Owner and Construction Manager as Adviser

AGREEMENT made as of the 12th day of December in the year 2024
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address, and other information)

Town of Manlius
301 Brooklea Drive
Fayetteville, NY 13066

and the Construction Manager:
(Name, legal status, address, and other information)

CHA Consulting Inc.
300 South State Street
Syracuse, NY 13202

for the following Project:
(Name, location, and detailed description)

Construction Management Services for the Renovations & Additions to the Town of Manlius Highway Department Garage

The Architect:
(Name, legal status, address, and other information)

Schopfer Architects, LLP
1111 James Street
Syracuse, NY 13203

The Owner and Construction Manager agree as follows.

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This document is intended to be used in conjunction with AIA Documents A132™–2019, Standard Form of Agreement Between Owner and Contractor, Construction Manager as Adviser Edition; A232™–2019, General Conditions of the Contract for Construction, Construction Manager as Adviser Edition; and B132™–2019, Standard Form of Agreement Between Owner and Architect, Construction Manager as Adviser Edition. AIA Document A232™–2019 is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

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13 SCOPE OF THE AGREEMENT

ARTICLE 1 INITIAL INFORMATION

§ 1.1 This Agreement is based on the Initial Information set forth in this Section 1.1.
(For each item in this section, insert the information or a statement such as "not applicable" or "unknown at time of execution.")

§ 1.1.1 The Owner's program for the Project:
(Insert the Owner's program, identify documentation that establishes the Owner's program, or state the manner in which the program will be developed.)

Renovations & Additions to the Town of Manlius Highway Department Garage

§ 1.1.2 The Project's physical characteristics:
(Identify or describe pertinent information about the Project's physical characteristics, such as size; location; dimensions; geotechnical reports; site boundaries; topographic surveys; traffic and utility studies; availability of public and private utilities and services; legal description of the site, etc.)

Project is located at the Town of Manlius Highway Garage located at 5970 Clemons Rd, East Syracuse, NY 13057

Project Summary
Preliminary site plan, floor plans, and elevations of the proposed work are attached. The Project is summarized as follows:

A. An 8,115 SF Parts & Maintenance Addition:

1. A 7,965 SF pre-engineered metal building with a 150 SF connecting link to the existing garage.
2. (3) vehicle bays and (1) parts bay.
3. 5-ton bridge crane.
4. Radiant in-floor heating.
5. HI-R CMU walls to 8' AFF; metal siding above
6. Standing seam metal roof with 1:12 slope.

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7. FFE=413.0; designed for wet flood proofing with removable aluminum flood panels.

B. A 2,450 SF Office & Locker Room Addition:

1. Constructed with load-bearing light gauge metal stud walls and roof trusses.
2. FEE=414.50; designed for dry flood proofing.
3. Interior concrete ramps from exterior grade and the existing garage to the main FFE of the addition.
4. CMU to 4' AFF; metal siding above.
5. Standing seam metal roof with a slope of 3:12.
6. Fixed aluminum storefront windows.

C. Interior Renovation of 2,711 SF of Existing Space:

1. Expansion and renovation of the foremen's office.
2. Demolition of existing bathrooms and office. Expansion and renovation of the staff "ready room".
3. Conversion and renovation of the former maintenance bay to a training room with storage areas and ramp.

D. Exterior Improvements & Sitework:

1. Add new windows to the foremen's office.
2. Cut new openings into exterior walls to connect both additions to the existing garage.
3. Asbestos abatement (existing CMU has vermiculite fill; Items 1 & 2 above require abatement).
4. Paint exterior of windows to remain.
5. Re-route some utility lines currently secured to the existing siding.
6. Reconstruct the main parking lot as shown, without impacting the existing leach fields.
7. Provide a concrete foundation for a new emergency generator (to be installed by others).
8. Modify the site around the Parts and Maintenance addition as shown.

§ 1.1.3 The Owner's budget for the Cost of the Work, as defined in Section 6.1:
(Provide total and, if known, a line item breakdown.)

5 Million Dollars

§ 1.1.4 The Owner's anticipated design and construction milestone dates:

.1 Design phase milestone dates, if any:

January 2025

.2 Construction commencement date:

March, 1, 2025

.3 Substantial Completion date or dates:

December 1, 2025

.4 Other milestone dates:

§ 1.1.5 The Owner intends the following procurement method for the Project:
(Identify method such as competitive bid or negotiated contract.)

Competitive Bid, Wicks Law 4 Prime Contractors

§ 1.1.6 The Owner's requirements for accelerated or fast-track design and construction, multiple bid packages, or phased construction are set forth below:
(Identify any requirements for fast-track scheduling or phased construction and, if applicable, list number and type of bid/procurement packages.)

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None

§ 1.1.7 The Owner's anticipated Sustainable Objective for the Project:
(Identify and describe the Owner's Sustainable Objective for the Project, if any.)

None

§ 1.1.7.1 If the Owner identifies a Sustainable Objective, the Owner and Construction Manager shall complete and incorporate AIA Document E235™–2019, Sustainable Projects Exhibit, Construction Manager as Adviser Edition, into this Agreement to define the terms, conditions and services related to the Owner's Sustainable Objective. If E235–2019 is incorporated into this Agreement, the Owner and Construction Manager shall incorporate the completed E235–2019 into the agreements with the consultants and contractors performing services or Work in any way associated with the Sustainable Objective.

§ 1.1.8 Other Project information:
(Identify special characteristics or needs of the Project not provided elsewhere.)

N/A

§ 1.1.9 The Owner identifies the following representative in accordance with Section 5.5:
(List name, address, and other contact information.)

§ 1.1.10 The persons or entities, in addition to the Owner's representative, who are required to review the Construction Manager's submittals to the Owner are as follows:
(List name, address, and other contact information.)

Robert J Seigart
Schopfer Architects LLP
1111 James Street
Syracuse, NY 13203

§ 1.1.11 The Owner shall retain the following consultants and Contractors:
(List name, legal status, address, and other contact information.)

.1 Land Surveyor:

To be determined.

.2 Geotechnical Engineer:

To be determined.

.3 Civil Engineer:

To be determined.

.4 Contractors, as defined in Section 1.4:

To be determined.

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.5 Separate Contractors, as defined in Section 1.4:

To be determined.

.6 Other, if any:
(List any other consultants retained by the Owner.)

Building Energy Solutions, Pathway Structural Engineering, and Plumley Engineering

§ 1.1.12 The Construction Manager identifies the following representative in accordance with Section 2.5:
(List name, address, and other contact information.)

Gregg Grates, Project Executive
CHA Consulting Inc.
300 South State Street
Syracuse, NY 13202

§ 1.1.13 The Construction Manager's staffing plan as required under Section 3.3.3 shall include:
(List any specific requirements and personnel to be included in the staffing plan, if known.)

PX/SPM, Site Superintendent as more particularly described in CHA's Proposal (Exhibit A)

§ 1.1.14 The Construction Manager's consultants retained under Basic Services, if any:
(List name, legal status, address, and other contact information of any consultants.)

None

§ 1.1.15 The Construction Manager's consultants retained under Supplemental Services:

None

§ 1.1.16 Other Initial Information on which this Agreement is based:

§ 1.2 The Owner and Construction Manager may rely on the Initial Information. Both parties, however, recognize that the Initial Information may materially change and, in that event, the Owner and the Construction Manager shall appropriately adjust the Construction Manager's services, schedule for the Construction Manager's services, and the Construction Manager's compensation. The Owner shall adjust the Owner's budget for the Cost of the Work and the Owner's anticipated design and construction milestones, as necessary, to accommodate material changes in the Initial Information.

§ 1.3 The parties shall agree upon written protocols governing the transmission and use of, and reliance on, Instruments of Service or any other information or documentation in digital form.

§ 1.3.1 Any use of, or reliance on, all or a portion of a building information model without agreement to written protocols governing the use of, and reliance on, the information contained in the model shall be at the using or relying party's sole risk and without liability to the other party and its contractors or consultants, the authors of, or contributors to, the building information model, and each of their agents and employees.

§ 1.4 The term "Contractors" refers to persons or entities who perform Work under contracts with the Owner that are administered by the Construction Manager and Architect. The term "Contractors" is used to refer to such persons or

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entities, whether singular or plural. The term does not include the Owner's own forces, or Separate Contractors, which are persons or entities who perform construction under separate contracts with the Owner not administered by the Construction Manager and Architect.

ARTICLE 2 CONSTRUCTION MANAGER'S RESPONSIBILITIES

§ 2.1 The Construction Manager shall provide the services as set forth in this Agreement.

§ 2.2 The Construction Manager shall perform its services consistent with the skill and care ordinarily provided by construction managers practicing in the same or similar locality under the same or similar circumstances. The Construction Manager shall perform its services as expeditiously as is consistent with such skill and care and the orderly progress of the Project.

§ 2.3 The Construction Manager shall provide its services in conjunction with the services of an Architect as described in AIA Document B132™–2019, Standard Form of Agreement Between Owner and Architect, Construction Manager as Adviser Edition. The Construction Manager shall not be responsible for actions taken by the Architect.

§ 2.4 The Construction Manager shall coordinate its services with those services provided by the Owner, the Architect, the Contractors, and the Owner's other consultants and Separate Contractors. The Construction Manager shall be entitled to rely on, and shall not be responsible for, the accuracy and completeness of services and information furnished by the Owner, the Architect, and the Owner's other consultants and Separate Contractors. The Construction Manager shall provide prompt written notice to the Owner if the Construction Manager becomes aware of any error, omission, or inconsistency in such services or information.

§ 2.5 The Construction Manager shall identify a representative authorized to act on behalf of the Construction Manager with respect to the Project.

§ 2.6 The Construction Manager, as soon as practicable after execution of the Agreement, shall notify the Owner in writing of the names and qualifications of its proposed key staff members. Within 14 days of receipt of the names and qualifications of the Construction Manager's proposed key staff members, the Owner may reply to the Construction Manager in writing, stating (1) whether the Owner has reasonable objection to a proposed key staff member or (2) that the Owner requires additional time to review. Failure of the Owner to reply within the 14-day period shall constitute notice of no reasonable objection. The Construction Manager shall not staff any employees on the Project to whom the Owner has made reasonable and timely objection. The Construction Manager shall not change its key staff members without the Owner's consent, which shall not be unreasonably withheld or delayed.

§ 2.7 Except with the Owner's knowledge and consent, the Construction Manager shall not engage in any activity, or accept any employment, interest or contribution that would reasonably appear to compromise the Construction Manager's judgment with respect to this Project.

§ 2.8 The Construction Manager shall maintain the following insurance until termination of this Agreement. If any of the requirements set forth below are in addition to the types and limits the Construction Manager normally maintains, the Owner shall pay the Construction Manager as set forth in section 11.7.

§ 2.8.1 Commercial General Liability with policy limits of not less than one million dollars ($ 1,000,000) for each occurrence and two million dollars ($ 2,000,000) in the aggregate for bodily injury and property damage.

§ 2.8.2 Automobile Liability covering vehicles owned, and non-owned vehicles used, by the Construction Manager with policy limits of not less than one million dollars ($ 1,000,000) per accident for bodily injury, death of any person, and property damage arising out of the ownership, maintenance and use of those motor vehicles, along with any other statutorily required automobile coverage.

§ 2.8.3 The Construction Manager may achieve the required limits and coverage for Commercial General Liability and Automobile Liability through a combination of primary and excess or umbrella liability insurance, provided such primary and excess or umbrella liability insurance policies result in the same or greater coverage as the coverages required under Sections 2.8.1 and 2.8.2, and in no event shall any excess or umbrella liability insurance provide narrower coverage than the primary policy. The excess policy shall not require the exhaustion of the underlying limits only through the actual payment by the underlying insurers.

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§ 2.8.4 Workers' Compensation at statutory limits and Employers Liability with policy limits not less than one million dollars ($ 1,000,000) each accident, one million dollars ($ 1,000,000) each employee, and one million dollars ($ 1,000,000) policy limit.

§ 2.8.5 Professional Liability covering negligent acts, errors and omissions in the performance of professional services with policy limits of not less than two million dollars ($ 2,000,000) per claim and two million dollars ($ 2,000,000) in the aggregate.

§ 2.8.6 Additional Insured Obligations. To the fullest extent permitted by law, the Construction Manager shall cause the primary and excess or umbrella policies for Commercial General Liability and Automobile Liability to include the Owner as an additional insured for claims caused in whole or in part by the Construction Manager's negligent acts or omissions. The additional insured coverage shall be primary and non-contributory to any of the Owner's insurance policies and shall apply to both ongoing and completed operations.

§ 2.8.7 The Construction Manager shall provide certificates of insurance to the Owner that evidence compliance with the requirements in this Section 2.8.

§ 2.9 The Construction Manager shall assist the Owner, Architect, and other Project participants in establishing written protocols for the development, use, transmission, reliance, and exchange of digital data, including building information models for the Project.

§ 2.10 A centralized electronic document management system will be used on the Project, and the Construction Manager shall be responsible for managing and maintaining the centralized electronic document management system. The centralized electronic document management system shall include the following:
(*List any items that are to be included in the centralized electronic management system.)*

To be determined.

§ 2.11 The Construction Manager shall retain all Project related documents and information it receives, and the Owner and Architect shall have access to the documents and information. The Construction Manager shall transmit the documents and information to the Owner at final completion.

ARTICLE 3 SCOPE OF CONSTRUCTION MANAGER'S BASIC SERVICES

§ 3.1 Definition

The Construction Manager's Basic Services consist of those described in CHA's Proposal (Exhibit A) and this Article 3, and include usual and customary Preconstruction and Construction Phase Services. Services not set forth in this Article 3 are Supplemental or Additional Services. The Owner, Construction Manager, and Contractors may agree, in consultation with the Architect, for the Construction Phase to commence prior to completion of the Preconstruction Phase, in which case, both phases will proceed concurrently.

§ 3.2 Preconstruction Phase

§ 3.2.1 The Construction Manager shall review the program furnished by the Owner and any evaluation of the Owner's program provided by the Architect, to ascertain the requirements of the Project and shall arrive at a mutual understanding of such requirements with the Owner and Architect.

§ 3.2.2 The Construction Manager shall provide a preliminary evaluation of the Owner's program, schedule and construction budget requirements, each in terms of the other.

§ 3.2.3 The Construction Manager shall prepare, and deliver to the Owner, for the Owner's approval, a written Construction Management Plan that includes, at a minimum, the following: (1) preliminary evaluations required in Section 3.2.2, (2) a Project schedule, (3) cost estimates, (4) recommendations for Project delivery method, and (5) Contractors' scopes of Work. The Construction Manager shall periodically update the Construction Management Plan, for the Owner's approval, over the course of the Project.

§ 3.2.4 The Construction Manager shall prepare and periodically update the Project schedule included in the Construction Management Plan for the Architect's review and the Owner's acceptance. The Construction Manager

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shall obtain the Architect's approval for the portion of the Project schedule relating to the performance of the Architect's services. The Project schedule shall coordinate and integrate the Construction Manager's services, the Architect's services, other Owner consultants' services, and the Owner's responsibilities and highlight items that affect the Project's timely completion.

§ 3.2.5 The Construction Manager shall update the Project schedule to include the components of the Work, including phasing of construction, times of commencement and completion required of each Contractor, ordering and delivery of products, including those that must be ordered in advance of construction, obtaining the required reviews and approvals of authorities having jurisdiction over the Project, and the occupancy requirements of the Owner.

§ 3.2.6 Based on the preliminary design and information prepared or provided by the Architect and other Owner consultants, the Construction Manager shall prepare, for the Architect's review and Owner's approval, preliminary estimates of the Cost of the Work or the cost of program requirements using area, volume or similar conceptual estimating techniques, including the establishment of sufficient contingency to reasonably anticipate the development of the Project's design documents.

§ 3.2.7 The Construction Manager shall review design documents during their development and advise the Owner and Architect on proposed site use and improvements, selection of materials, building systems, and equipment. The Construction Manager shall also provide recommendations to the Owner and Architect, consistent with the Project requirements, on constructability; availability of materials and labor; sequencing for phased construction; time requirements for procurement, installation and construction; and factors related to construction cost including, but not limited to, costs of alternative designs or materials, preliminary budgets, life-cycle data, and possible cost reductions.

§ 3.2.8 The Construction Manager shall review recommendations for systems, materials, or equipment for the impact upon cost, schedule, sequencing, constructability, and coordination among the Contractors. The Construction Manager shall discuss its findings with the Owner and the Architect, and coordinate resolution, as necessary, of any such impacts.

§ 3.2.9 As the Architect progresses with the preparation of the Schematic Design, Design Development and Construction Documents, the Construction Manager shall prepare and update, at appropriate intervals agreed to by the Owner, Construction Manager and Architect, an estimate of the Cost of the Work with increasing detail and refinement. The Construction Manager shall include in the estimate those costs to allow for further development of the design, bidding or negotiating, price escalation, and market conditions. The estimate shall be provided for the Architect's review and the Owner's approval. The Construction Manager shall inform the Owner and Architect in the event that the estimate of Cost of the Work exceeds the latest approved Project budget, and make recommendations for corrective action.

§ 3.2.10 As the Architect progresses with the preparation of the Schematic Design, Design Development and Construction Documents, the Construction Manager shall consult with the Owner and Architect and make recommendations whenever the Construction Manager determines that the design, or details, adversely affect cost, scope, schedule, constructability, or quality of the Project.

§ 3.2.11 The Construction Manager shall provide recommendations and information to the Owner and Architect regarding the assignment of responsibilities for temporary Project facilities and equipment, materials and services for common use of the Contractors. The Construction Manager shall verify that such requirements and assignment of responsibilities are included in the proposed Contract Documents.

§ 3.2.12 The Construction Manager and Owner agree that the Contractors shall be solely responsible for jobsite safety and for implementing appropriate safety programs and procedures in connection with the Work, and that the Owner shall determine the allocation of responsibilities for safety programs among the Contractors.

§ 3.2.13 The Construction Manager shall provide recommendations to the Owner on the division of the Project into individual contracts for the construction of various categories of Work, including the method to be used for selecting Contractors and awarding Contracts for Construction. The Construction Manager shall review the Drawings and Specifications and make recommendations as required to provide that (1) the Work of the Contractors is coordinated, (2) all requirements for the Project are assigned to the appropriate Contract, (3) the likelihood of jurisdictional disputes is minimized, and (4) proper coordination is provided for phased construction.

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§ 3.2.14 The Construction Manager shall make recommendations about, and coordinate the ordering and delivery of, materials in support of the schedule, including those that must be ordered in advance of construction.

§ 3.2.15 The Construction Manager shall assist the Owner in selecting, retaining, and coordinating the professional services of surveyors, geotechnical engineers, special consultants, and construction materials testing required for the Project.

§ 3.2.16 The Construction Manager shall provide an analysis of the types and quantities of labor required for the Project and review the availability of appropriate categories of labor required for critical phases. The Construction Manager shall make recommendations for actions designed to minimize adverse effects of labor shortages.

§ 3.2.17 The Construction Manager shall assist the Owner in obtaining information regarding applicable requirements for equal employment opportunity programs, and other programs as may be required by governmental and quasi-governmental authorities for inclusion in the Contract Documents.

§ 3.2.18 Following the Owner's approval of the Drawings and Specifications, the Construction Manager shall update and submit the latest estimate of the Cost of the Work and the Project schedule for the Architect's review and the Owner's approval.

§ 3.2.19 The Construction Manager, in consultation with the Owner, shall develop bidders' interest in the Project and establish bidding schedules. The Construction Manager shall assist the Owner and the Architect with the development of the Bidding Documents, which consist of bidding requirements and proposed Contract Documents. The Construction Manager, with the assistance of the Architect, shall issue Bidding Documents to bidders and conduct pre-bid conferences with prospective bidders. The Construction Manager shall issue the current Project schedule with each set of Bidding Documents. The Construction Manager shall assist the Architect with regard to questions from bidders and with the issuance of addenda.

§ 3.2.20 The Construction Manager shall submit a list of prospective bidders for the Architect's review and the Owner's approval.

§ 3.2.21 The Construction Manager, with the assistance of the Architect, shall review bids, and prepare bid analyses, and make recommendations to the Owner for the Owner's award of Contracts for Construction or rejection of bids.

§ 3.2.22 The Construction Manager, with the assistance of the Architect, shall assist the Owner in preparing Contracts for Construction. The Construction Manager shall advise the Owner on the acceptability of Subcontractors and material suppliers proposed by Contractors.

§ 3.2.23 The Construction Manager shall assist the Owner in obtaining building permits and special permits for permanent improvements, except for permits required to be obtained directly by the Contractors. The Construction Manager shall verify that the Owner has paid applicable fees and assessments. The Construction Manager shall assist the Owner and Architect in connection with the Owner's responsibility for filing documents required for the approvals of governmental authorities having jurisdiction over the Project.

§ 3.2.24 If the Owner identified a Sustainable Objective in Article 1, the Construction Manager shall fulfill its Preconstruction Phase responsibilities as required in AIA Document E235™–2019, Sustainable Projects Exhibit, Construction Manager as Adviser Edition, attached to this Agreement.

§ 3.3 Construction Phase

§ 3.3.1 The Construction Manager shall provide on-site administration of the Contracts for Construction in cooperation with the Architect as set forth below and in AIA Document A232™–2019, General Conditions of the Contract for Construction, Construction Manager as Adviser Edition. If the Owner and Contractor modify AIA Document A232–2019, those modifications shall not affect the Construction Manager's services under this Agreement unless the Owner and the Construction Manager amend this Agreement.

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§ 3.3.2 Subject to Section 4.2 and except as provided in Section 3.3.30, the Construction Manager's responsibility to provide Construction Phase Services commences with the award of the initial Contract for Construction and terminates on the date the Architect issues the final Certificate for Payment.

§ 3.3.3 The Construction Manager shall provide a staffing plan to include one or more representatives who shall be in attendance at the Project site whenever the Work is being performed.

§ 3.3.4 The Construction Manager shall provide administrative, management and related services to coordinate scheduled activities and responsibilities of the Contractors with each other and with those of the Construction Manager, the Owner and the Architect. The Construction Manager shall coordinate the activities of the Contractors in accordance with the latest approved Project schedule and the Contract Documents.

§ 3.3.5 The Construction Manager shall review and analyze the construction schedules provided by the Contractors to update the Project schedule, incorporating the activities of the Owner, Architect, and Contractors on the Project, including activity sequences and durations, allocation of labor and materials, processing of Shop Drawings, Product Data and Samples, and delivery and procurement of products, including those that must be ordered in advance of construction. The Project schedule shall include the Owner's occupancy requirements showing portions of the Project having occupancy priority. The Construction Manager shall update and reissue the Project schedule as required to show current conditions. If an update indicates that the previously approved Project schedule may not be met, the Construction Manager shall recommend corrective action to the Owner and Architect.

§ 3.3.6 The Construction Manager shall schedule and conduct meetings to discuss matters such as procedures, progress, coordination, and scheduling of the Work, and to develop solutions to issues identified. The Construction Manager shall prepare and promptly distribute minutes to the Owner, Architect and Contractors.

§ 3.3.7 In accordance with the Contract Documents and the latest approved Project schedule, and utilizing information from the Contractors, the Construction Manager shall review, analyze, schedule and coordinate the overall sequence of construction and assignment of space in areas where the Contractors are performing Work.

§ 3.3.8 The Construction Manager shall coordinate all tests and inspections required by the Contract Documents or governmental authorities, observe the on-site testing and inspections, and arrange for the delivery of test and inspection reports to the Owner and Architect.

§ 3.3.9 The Construction Manager shall endeavor to obtain satisfactory performance from each of the Contractors. The Construction Manager shall recommend courses of action to the Owner when requirements of a Contract are not being fulfilled.

§ 3.3.10 The Construction Manager shall monitor and evaluate actual costs for activities in progress and estimates for uncompleted tasks and advise the Owner and Architect as to variances between actual costs and budgeted or estimated costs. If a Contractor is required to submit a Control Estimate, the Construction Manager shall meet with the Owner and Contractor to review the Control Estimate. The Construction Manager shall promptly notify the Contractor if there are any inconsistencies or inaccuracies in the information presented. The Construction Manager shall also report the Contractor's cost control information to the Owner.

§ 3.3.11 The Construction Manager shall develop cash flow reports and forecasts for the Project and include them in the Construction Manager's progress reports.

§ 3.3.12 The Construction Manager shall maintain accounting records on authorized Work performed under unit costs, additional Work performed on the basis of actual costs of labor and materials, and other Work requiring accounting records.

§ 3.3.12.1 The Construction Manager shall develop and implement procedures for the review and processing of Applications for Payment by Contractors for progress and final payments.

§ 3.3.12.2 Not more frequently than monthly, the Construction Manager shall review and certify the amounts due the respective Contractors as follows:

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.1 Where there is only one Contractor responsible for performing the Work, the Construction Manager shall, within seven days after the Construction Manager receives the Contractor's Application for Payment, review the Application, certify the amount the Construction Manager determines is due the Contractor, and forward the Contractor's Application and Certificate for Payment to the Architect.

.2 Where there is more than one Contractor responsible for performing different portions of the Project, the Construction Manager shall, within seven days after the Construction Manager receives each Contractor's Application for Payment: (1) review the Applications and certify the amount the Construction Manager determines is due each Contractor; (2) prepare a Summary of Contractors' Applications for Payment by summarizing information from each Contractor's Application for Payment; (3) prepare a Project Application and Certificate for Payment; (4) certify the total amount the Construction Manager determines is due all Contractors collectively; and (5) forward the Summary of Contractors' Applications for Payment and Project Application and Certificate for Payment to the Architect.

§ 3.3.12.3 The Construction Manager's certification for payment shall constitute a representation to the Owner, based on the Construction Manager's evaluations of the Work and on the data comprising the Contractors' Applications for Payment, that, to the best of the Construction Manager's knowledge, information and belief, the Work has progressed to the point indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractors are entitled to payment in the amount certified. The foregoing representations are subject to (1) an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion; (2) results of subsequent tests and inspections; (3) correction of minor deviations from the Contract Documents prior to completion; and (4) specific qualifications expressed by the Construction Manager. The issuance of a Certificate for Payment shall further constitute a recommendation to the Architect and Owner that the Contractor be paid the amount certified.

§ 3.3.12.4 The certification of an Application for Payment or a Project Application for Payment by the Construction Manager shall not be a representation that the Construction Manager has (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work; (2) reviewed construction means, methods, techniques, procedures, or sequences for a Contractor's own Work; (3) reviewed copies of requisitions received from Subcontractors and suppliers and other data requested by the Owner to substantiate each Contractor's right to payment; or (4) ascertained how or for what purpose that Contractor has used money previously paid on account of the Contract Sum.

§ 3.3.13 The Construction Manager shall obtain and review the safety programs developed by each Contractor solely and exclusively for purposes of confirming that each Contractor has submitted its safety program as may be required by such Contractor's contract with the Owner. The Construction Manager's responsibilities for collection of safety programs shall be an administrative function and not extend to safety consulting, monitoring or any supervisory responsibility whatsoever for jobsite safety or safety programs in connection with the Work, or to control over or charge of the acts or omissions of the Contractors, Subcontractors, agents or employees of the Contractors or Subcontractors, or any other persons performing portions of the Work and not directly employed by the Construction Manager.

§ 3.3.14 The Construction Manager shall determine in general that the Work of each Contractor is being performed in accordance with the requirements of the Contract Documents and notify the Owner, Contractor and Architect of defects and deficiencies in the Work. The Construction Manager shall have the authority to reject Work that does not conform to the Contract Documents and shall notify the Architect about the rejection. The failure of the Construction Manager to reject Work shall not constitute acceptance of the Work. The Construction Manager shall record any rejection of Work in its daily log and include information regarding the rejected Work in its progress reports to the Architect and Owner pursuant to Section 3.3.22.1. Upon written authorization from the Owner, the Construction Manager may require and make arrangements for additional inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not the Work is fabricated, installed or completed, and the Construction Manager shall give timely notice to the Architect of when and where the tests and inspections are to be made so that the Architect may be present for such procedures.

§ 3.3.15 The Construction Manager shall advise and consult with the Owner and Architect during the performance of its Construction Phase Services. The Construction Manager shall have authority to act on behalf of the Owner only to the extent provided in this Agreement. The Construction Manager shall not have control over, charge of, or responsibility for the construction means, methods, techniques, sequences or procedures, or for safety precautions and

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programs in connection with the Work of each of the Contractors, since these are solely the Contractor's rights and responsibilities under the Contract Documents. The Construction Manager shall not be responsible for a Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The Construction Manager shall be responsible for the Construction Manager's negligent acts or omissions, but shall not have control over or charge of, and shall not be responsible for, acts or omissions of the Contractors, Subcontractors, or their agents or employees, or any other persons or entities performing portions of the Work.

§ 3.3.16 The Construction Manager shall transmit to the Architect requests for interpretations, and requests for information of the meaning and intent of the Drawings and Specifications, and provide its written recommendation. The Construction Manager shall assist in the resolution of questions that may arise.

§ 3.3.17 The Construction Manager shall review requests for changes, assist in negotiating Contractors' proposals, submit recommendations to the Architect and Owner, and, if the proposed changes are accepted or required by the Owner, prepare Change Orders or Construction Change Directives that incorporate the Architect's modifications to the Contract Documents.

§ 3.3.18 The Construction Manager shall assist the Initial Decision Maker in the review, evaluation and documentation of Claims, subject to Section 4.2.2.7.

§ 3.3.19 Utilizing the submittal schedules provided by each Contractor, the Construction Manager shall prepare, and revise as necessary, a Project submittal schedule incorporating information from the Owner, Owner's consultants, Owner's Separate Contractors and vendors, governmental agencies, and participants in the Project under the management of the Construction Manager. The Project submittal schedule and any revisions shall be submitted to the Architect for approval.

§ 3.3.20 The Construction Manager shall promptly review all Shop Drawings, Product Data, Samples, and other submittals from the Contractors for compliance with the submittal requirements of the Contract, coordinate submittals with information contained in related documents, and transmit to the Architect those that the Construction Manager recommends for approval. **T**he Construction Manager's actions shall be taken in accordance with the Project submittal schedule approved by the Architect, or in the absence of an approved Project submittal schedule, with such reasonable promptness as to cause no delay in the Work or in the activities of the Contractors, the Owner, or the Architect.

§ 3.3.20.1 If professional design services or certifications by a design professional related to systems, materials, or equipment are specifically required of the Contractors by the Contract Documents, the Construction Manager shall review those submittals for sequencing, constructability, and coordination impacts on the other Contractors. The Construction Manager shall discuss its findings with the Owner and the Architect, and coordinate resolution, as necessary, of any such impacts.

§ 3.3.21 The Construction Manager shall keep a daily log containing a record of weather, each Contractor's Work on the site, number of workers, identification of equipment, Work accomplished, problems encountered, and other similar relevant data as the Owner may require.

§ 3.3.21.1 The Construction Manager shall collect, review for accuracy, and compile the Contractors' daily logs; and include them in the Construction Manager's reports prepared and submitted in accordance with section 3.3.21.2.

§ 3.3.21.2 The Construction Manager shall record the progress of the Project. On a monthly basis, or otherwise as agreed to by the Owner, the Construction Manager shall submit written progress reports to the Owner and Architect, showing percentages of completion and other information identified below:

.1 Work completed for the period;
.2 Project schedule status;
.3 Submittal schedule and status report, including a summary of remaining and outstanding submittals;
.4 Request for information, Change Order, and Construction Change Directive status reports;
.5 Tests and inspection reports;
.6 Status report of nonconforming and rejected Work;
.7 Daily logs;
.8 Summary of all Contractors' Applications for Payment;

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.9 Cumulative total of the Cost of the Work to date including the Construction Manager's compensation and reimbursable expenses at the job site, if any;
.10 Cash-flow and forecast reports;
.11 Photographs to document the progress of the Project;
.12 Status reports on permits and approvals of authorities having jurisdiction; and
.13 Any other items the Owner may require:

§ 3.3.21.3 In addition, for Projects constructed on the basis of the Cost of the Work, the Construction Manager shall include the following additional information in its progress reports:
.1 Contractors' work force reports;
.2 Equipment utilization report;
.3 Cost summary, comparing actual costs to updated cost estimates; and
.4 Any other items as the Owner may require:

§ 3.3.22 Utilizing the documents provided by the Contractors, the Construction Manager shall make available, at the Project site, the Contract Documents, including Change Orders, Construction Change Directives, and other Modifications, in good order and marked currently to indicate field changes and selections made during construction, and the approved Shop Drawings, Product Data, Samples, and similar required submittals. These shall be in electronic form or paper copy, available to the Owner, Architect, and Contractors. Upon completion of the Project, the Construction Manager shall deliver them to the Owner.

§ 3.3.23 The Construction Manager shall arrange for the delivery, storage, protection and security of Owner-purchased materials, systems and equipment that are a part of the Project until such items are incorporated into the Work.

§ 3.3.24 With the Owner's maintenance personnel, the Construction Manager shall observe the Contractors' final testing and start-up of utilities, operational systems and equipment and observe any commissioning as the Contract Documents may require.

§ 3.3.25 When the Construction Manager considers each Contractor's Work or a designated portion thereof substantially complete, the Construction Manager shall, jointly with that Contractor, prepare for the Architect a list of incomplete or unsatisfactory items and a schedule for their completion. The Construction Manager shall assist the Architect in conducting inspections to determine whether the Work or designated portion thereof is substantially complete.

§ 3.3.26 When the Work of all of the Contractors, or designated portion thereof, is substantially complete, the Construction Manager shall prepare, and the Construction Manager and Architect shall execute, a Certificate of Substantial Completion. The Construction Manager shall submit the executed Certificate to the Owner and Contractors. The Construction Manager shall coordinate the correction and completion of the Work. Following issuance of a Certificate of Substantial Completion of the Work or a designated portion thereof, the Construction Manager shall perform an inspection to confirm the completion of the Work of the Contractors and make recommendations to the Architect when the Work of all of the Contractors is ready for final inspection. The Construction Manager shall assist the Architect in conducting the final inspection.

§ 3.3.27 The Construction Manager shall forward to the Owner, with a copy to the Architect, the following information received from the Contractors: (1) certificates of insurance ; (2) consent of surety or sureties, if any, to reduction in or partial release of retainage or the making of final payment; (3) affidavits, receipts, releases and waivers of liens or bonds indemnifying the Owner against liens; and (4) any other documentation required of the Contractors under the Contract Documents, including warranties and similar submittals.

§ 3.3.28 The Construction Manager shall coordinate receipt, and delivery to the Owner, of other items provided by the Contractors, such as keys, manuals, and record drawings. The Construction Manager shall forward to the Architect a

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final Project Application for Payment and Project Certificate for Payment, or a final Application for Payment and final Certificate for Payment, upon the Contractors' compliance with the requirements of the Contract Documents.

§ 3.3.29 Duties, responsibilities and limitations of authority of the Construction Manager as set forth in the Contract Documents shall not be restricted, modified or extended without written consent of the Owner, Construction Manager, Architect, and Contractors. Consent shall not be unreasonably withheld.

§ 3.3.30 Upon request of the Owner, and prior to the expiration of one year from the date of Substantial Completion, the Construction Manager shall, without additional compensation, conduct a meeting with the Owner and Architect to review the facility operations and performance.

ARTICLE 4 SUPPLEMENTAL AND ADDITIONAL SERVICES

§ 4.1 Supplemental Services

§ 4.1.1 The services listed below are not included in Basic Services but may be required for the Project. The Construction Manager shall provide the listed Supplemental Services only if specifically designated in the table below as the Construction Manager's responsibility, and the Owner shall compensate the Construction Manager as provided in Section 11.2. Unless otherwise specifically addressed in this Agreement, if neither the Owner nor the Construction Manager is designated, the parties agree that the listed Supplemental Service is not being provided for the Project.
(Designate the Construction Manager's Supplemental Services and the Owner's Supplemental Services required for the Project by indicating whether the Construction Manager or Owner shall be responsible for providing the identified Supplemental Service. Insert a description of the Supplemental Services in Section 4.1.2 below or attach the description of services as an exhibit to this Agreement.)

Supplemental Services	**Responsibility** *(Construction Manager, Owner or not provided)*
§ 4.1.1.1 Measured drawings	Architect
§ 4.1.1.2 Tenant-related services	Owner
§ 4.1.1.3 Commissioning	Owner
§ 4.1.1.4 Development of a commissioning plan	Architect
§ 4.1.1.5 Sustainable Project Services pursuant to Section 4.1.3	Architect
§ 4.1.1.6 Furniture, furnishings and equipment delivery, and installation coordination	Owner
§ 4.1.1.7 Furniture, furnishings and equipment procurement assistance	Owner
§ 4.1.1.8 Assistance with site selection	Owner
§ 4.1.1.9 Assistance with selection of the Architect	Owner
§ 4.1.1.10 Furnish land survey	Owner
§ 4.1.1.11 Furnish geotechnical engineering services	Owner
§ 4.1.1.12 Provide insurance advice	Owner
§ 4.1.1.13 Provide supplemental Project risk analysis and mitigation strategies	Owner
§ 4.1.1.14 Stakeholder relationships management	Owner
§ 4.1.1.15 Owner moving coordination	Owner
§ 4.1.1.16 Coordination of Owner's Separate Contractors	Owner
§ 4.1.1.17 Other Supplemental Services	Owner

§ 4.1.2 Description of Supplemental Services

§ 4.1.2.1 A description of each Supplemental Service identified in Section 4.1.1 as the Construction Manager's responsibility is provided below.
(Describe in detail the Construction Manager's Supplemental Services identified in Section 4.1.1 or, if set forth in an exhibit, identify the exhibit.)

None

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§ 4.1.2.2 A description of each Supplemental Service identified in Section 4.1.1 as the Owner's responsibility is provided below.
(Describe in detail the Owner's Supplemental Services identified in Section 4.1.1 or, if set forth in an exhibit, identify the exhibit.)

As described in Section 4.1.1; the parties may mutually agree on additional details for required Supplemental Services, as appropriate

§ 4.1.3 If the Owner identified a Sustainable Objective in Article 1, the Construction Manager shall provide, as a Supplemental Service, the Sustainability Services required in AIA Document E235™–2019, Sustainable Projects Exhibit, Construction Manager as Adviser Edition, attached to this Agreement. The Owner shall compensate the Construction Manager as provided in Section 11.2.

§ 4.2 Construction Manager's Additional Services

§ 4.2.1 The Construction Manager may provide Additional Services after execution of this Agreement, without invalidating this Agreement. Except for services required due to the fault of the Construction Manager, any Additional Services provided in accordance with this Section 4.2 shall entitle the Construction Manager to compensation pursuant to Section 11.3.

§ 4.2.2 Upon recognizing the need to perform the following Additional Services, the Construction Manager shall notify the Owner with reasonable promptness and explain the facts and circumstances giving rise to the need. The Construction Manager shall not proceed to provide the following Additional Services until the Construction Manager receives the Owner's written authorization:

.1 Services necessitated by a change in the Initial Information, previous instructions or approvals given by the Owner, or a material change in the Project including size, quality, complexity, the Owner's schedule or budget for Cost of the Work, or procurement or delivery method, or bid packages in addition to those listed in Section 1.1.6. Services necessitated by sections 6.4 and 6.6 shall not be considered additional services;

.2 Services necessitated by the enactment or revision of codes, laws, regulations or official interpretations after the date of this Agreement;

.3 Services necessitated by decisions of the Owner not rendered in a timely manner or any other failure of performance on the part of the Owner or the Owner's other consultants or contractors;

.4 Preparation of documentation for alternate bid or proposal requests proposed by the Owner;

.5 Preparation for, and attendance at, a public presentation, meeting or hearing;

.6 Preparation for, and attendance at, a dispute resolution proceeding or legal proceeding, except where the Construction Manager is party thereto;

.7 Consultation concerning replacement of Work resulting from fire or other cause during construction and furnishing services required in connection with the replacement of such Work; or

.8 Assistance to the Initial Decision Maker.

§ 4.2.3 To avoid delay in the Construction Phase, the Construction Manager shall provide the following Additional Services, notify the Owner with reasonable promptness, and explain the facts and circumstances giving rise to the need. If, upon receipt of the Construction Manager's notice, the Owner determines that all or parts of the services are not required, the Owner shall give prompt written notice to the Construction Manager of the Owner's determination. The Owner shall compensate the Construction Manager for the services provided prior to the Construction Manager's receipt of the Owner's notice:

.1 Providing assistance to the Initial Decision Maker in evaluating an extensive number of Claims submitted by a Contractor or others in connection with the Work.

.2 Services required in an emergency to coordinate the activities of a Contractor or Contractors in the event of risk of personal injury or serious property damage, consistent with Section 3.3.15.

§ 4.2.4 Except for services required under Section 3.3.30, Construction Phase Services provided more than 60 days after (1) the date of Substantial Completion of the Work, or (2) the anticipated date of Substantial Completion identified in the Initial Information, whichever is earlier, shall be compensated as Additional Services to the extent the Construction Manager incurs additional cost in providing those Construction Phase Services.

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§ 4.2.5 If the services covered by this Agreement have not been completed by December 31, 2025, through no fault of the Construction Manager, extension of the Construction Manager's services beyond that time shall be compensated as Additional Services.

ARTICLE 5 OWNER'S RESPONSIBILITIES

§ 5.1 Unless otherwise provided for under this Agreement, the Owner shall provide information in a timely manner regarding requirements for and limitations on the Project, including a written program, which shall set forth the Owner's objectives; schedule; constraints and criteria; special equipment; systems; and site requirements.

§ 5.2 The Owner shall establish the Owner's budget for the Project, including (1) the budget for the Cost of the Work as defined in Section 6.1; (2) the Owner's other costs; and (3) reasonable contingencies related to all of these costs. The Owner shall update the Owner's budget for the Project as necessary throughout the duration of the Project until final completion. If the Owner significantly increases or decreases the Owner's budget for the Cost of the Work, the Owner shall notify the Construction Manager and Architect. The Owner and the Architect, in consultation with the Construction Manager, shall thereafter agree to a corresponding change in the Project's scope and quality.

§ 5.3 The Owner acknowledges that accelerated, phased, or fast-track design and construction provides a benefit, but also carries with it the risk of additional costs. If the Owner selects accelerated, phased or fast-track scheduling, the Owner agrees to include in the budget for the Project sufficient contingencies to cover such costs.

§ 5.4 The Owner shall retain an Architect to provide services, duties and responsibilities as described in AIA Document B132–2019, Standard Form of Agreement Between Owner and Architect, Construction Manager as Adviser Edition. The Owner shall provide the Construction Manager with a copy of the scope of services in the agreement executed between the Owner and Architect, and any further modifications to the Architect's scope of services in the agreement.

§ 5.5 The Owner shall identify a representative authorized to act on the Owner's behalf with respect to the Project. The Owner shall render decisions pertaining to documents the Construction Manager submits in a timely manner in order to avoid unreasonable delay in the orderly and sequential progress of the Construction Manager's services.

§ 5.6 Unless provided by the Construction Manager, the Owner shall furnish surveys to describe physical characteristics, legal limitations and utility locations for the site of the Project, and a written legal description of the site. The surveys and legal information shall include, as applicable, grades and lines of streets, alleys, pavements and adjoining property and structures; designated wetlands; adjacent drainage; rights-of-way, restrictions, easements, encroachments, zoning, deed restrictions, boundaries, and contours of the site; locations, dimensions, and other necessary data with respect to existing buildings, other improvements and trees; and information concerning available utility services and lines, both public and private, above and below grade, including inverts and depths. All the information on the survey shall be referenced to a Project benchmark.

§ 5.7 Unless provided by the Construction Manager, the Owner shall furnish services of geotechnical engineers, which may include test borings, test pits, determinations of soil bearing values, percolation tests, evaluations of hazardous materials, seismic evaluation, ground corrosion tests and resistivity tests, including necessary operations for anticipating subsoil conditions, with written reports and appropriate recommendations.

§ 5.8 The Owner shall provide the Supplemental Services designated as the Owner's responsibility in Section 4.1.1.

§ 5.9 If the Owner identified a Sustainable Objective in Article 1, the Owner shall fulfill its responsibilities as required in AIA Document E235™–2019, Sustainable Projects Exhibit, Construction Manager as Adviser Edition, attached to this Agreement.

§ 5.10 The Owner shall coordinate the services of its own consultants with those services provided by the Construction Manager. Upon the Construction Manager's request, the Owner shall furnish copies of the scope of services in the contracts between the Owner and the Owner's consultants. The Owner shall furnish the services of consultants other than those designated as the responsibility of the Construction Manager in this Agreement, or authorize the Construction Manager to furnish them as an Additional Service, when the Construction Manager requests such services and demonstrates that they are reasonably required by the scope of the Project. The Owner shall require that

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its consultants and contractors maintain insurance, including professional liability insurance, as appropriate to the services or work provided.

§ 5.11 The Owner shall furnish tests, inspections and reports required by law or the Contract Documents, such as structural, mechanical, and chemical tests, tests for air and water pollution, and tests for hazardous materials.

§ 5.12 The Owner shall furnish all legal, insurance and accounting services, including auditing services, that may be reasonably necessary at any time for the Project to meet the Owner's needs and interests.

§ 5.13 The Owner shall provide prompt written notice to the Construction Manager and Architect if the Owner becomes aware of any fault or defect in the Project, including errors, omissions or inconsistencies in the Architect's Instruments of Service or any fault or defect in the Construction Manager's services.

§ 5.14 The Owner reserves the right to perform construction and operations related to the Project with the Owner's own forces, and to award contracts in connection with the Project which are not part of the Construction Manager's responsibilities under this Agreement. The Construction Manager shall notify the Owner if any such independent action will interfere with the Construction Manager's ability to perform the Construction Manager's responsibilities under this Agreement. When performing construction or operations related to the Project, the Owner agrees to be subject to the same obligations and to have the same rights as the Contractors.

§ 5.15 The Owner shall communicate with the Contractors and the Construction Manager's consultants through the Construction Manager about matters arising out of or relating to the Contract Documents. The Owner and Construction Manager shall include the Architect in all communications that relate to or affect the Architect's services or professional responsibilities. The Owner shall promptly notify the Architect of the substance of any direct communications between the Owner and the Construction Manager otherwise relating to the Project. Communications by and with the Architect's consultants shall be through the Architect.

§ 5.16 Before executing the Contracts for Construction, the Owner shall coordinate the Construction Manager's duties and responsibilities set forth in the Contracts for Construction with the Construction Manager's services set forth in this Agreement. The Owner shall provide the Construction Manager a copy of the executed agreements between the Owner and Contractors, including the General Conditions of the Contracts for Construction.

§ 5.17 The Owner shall provide the Construction Manager access to the Project site prior to commencement of the Work and shall obligate the Contractors to provide the Construction Manager access to the Work wherever it is in preparation or progress.

§ 5.18 Within 15 days after receipt of a written request from the Construction Manager, the Owner shall furnish the requested information as necessary and relevant for the Construction Manager to evaluate, give notice of, or enforce lien rights.

ARTICLE 6 COST OF THE WORK

§ 6.1 For purposes of this Agreement, the Cost of the Work shall be the total cost to the Owner to construct all elements of the Project designed or specified by the Architect and shall include the Contractors' general conditions costs, overhead and profit. The Cost of the Work also includes the reasonable value of labor, materials, and equipment, donated to, or otherwise furnished by, the Owner. The Cost of the Work includes the compensation of the Construction Manager and Construction Manager's Consultants during the Construction Phase only, including compensation for reimbursable expenses at the job site, if any. The Cost of the Work does not include the compensation of the Architect; the costs of the land, rights-of-way, financing, or contingencies for changes in the Work; or other costs that are the responsibility of the Owner.

§ 6.2 The Owner's budget for the Cost of the Work is provided in Initial Information, and shall be adjusted throughout the Project as required under Sections 5.2 and 6.4. Evaluations of the Owner's budget for the Cost of the Work, and the estimates of the Cost of the Work prepared by the Construction Manager, represent the Construction Manager's judgment as a person or entity familiar with the construction industry. It is recognized, however, that neither the Construction Manager nor the Owner has control over the cost of labor, materials; or equipment; the Contractors' methods of determining bid prices; or competitive bidding, market, or negotiating conditions. Accordingly, the Construction Manager cannot and does not warrant or represent that bids or negotiated prices will not vary from the

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Owner's budget for the Cost of the Work, or from any estimate of the Cost of the Work, or evaluation, prepared or agreed to by the Construction Manager.

§ 6.3 If the Architect is providing cost estimating services as a Supplemental Service, and a discrepancy exists between the Construction Manager's cost estimates and the Architect's cost estimates, the Construction Manager and the Architect shall work together to reconcile the cost estimates.

§ 6.4 If the Construction Manager's estimate of the Cost of the Work exceeds the Owner's budget for the Cost of the Work, the Construction Manager, in consultation with the Architect, shall make appropriate recommendations to the Owner to adjust the Project's size, quality, or budget for the Cost of the Work, and the Owner shall cooperate with the Construction Manager and Architect in making such adjustments.

§ 6.5 If the Construction Manager's estimate of the Cost of the Work exceeds the Owner's budget for the Cost of the Work, the Owner shall

- **.1** give written approval of an increase in the budget for the Cost of the Work;
- **.2** terminate in accordance with Section 9.5;
- **.3** in consultation with the Construction Manager and Architect, revise the Project program, scope, or quality as required to reduce the Cost of the Work; or
- **.4** implement any other mutually acceptable alternative.

§ 6.6 If the Owner chooses to revise the Project program, scope, or quality to reduce the Cost of the Work pursuant to Section 6.5.3, or if the bids or proposals received from the prospective Contractors, in the aggregate, exceed the Owner's budget for the Cost of the Work, and the Owner chooses to revise the Project program, scope, or quality to reduce the Cost of the Work , the Construction Manager shall cooperate with the Owner and Architect to develop the necessary revisions, update the cost estimate, and obtain additional bids. The Construction Manager will perform the services described in Sections 6.4 and 6.6 without additional compensation.

ARTICLE 7 COPYRIGHTS AND LICENSES

The Construction Manager and the Construction Manager's consultants, if any, shall not own or claim a copyright in the Instruments of Service. The Construction Manager, the Construction Manager's consultants, if any, and the Owner warrant that in transmitting Instruments of Service, or any other information, the transmitting party is the copyright owner of such information or has permission from the copyright owner to transmit such information for its use on the Project.

ARTICLE 8 CLAIMS AND DISPUTES

§ 8.1 General

§ 8.1.1 The Owner and Construction Manager shall commence all claims and causes of action against the other and arising out of or related to this Agreement, whether in contract, tort, or otherwise, in accordance with the requirements of the binding dispute resolution method selected in this Agreement and within the period specified by applicable law, but in any case not more than 10 years after the date of Substantial Completion of the Work. The Owner and Construction Manager waive all claims and causes of action not commenced in accordance with this Section 8.1.1.

§ 8.1.2 To the extent damages are covered by property insurance, the Owner and Construction Manager waive all rights against each other and against the contractors, consultants, agents, and employees of the other for damages, except such rights as they may have to the proceeds of such insurance as set forth in AIA Document A232–2019, General Conditions of the Contract for Construction. The Owner or the Construction Manager, as appropriate, shall require of the contractors, consultants, agents, and employees of any of them, similar waivers in favor of the other parties enumerated herein.

§ 8.1.3 The Construction Manager shall indemnify and hold the Owner and the Owner's officers and employees harmless from and against damages, losses and judgments arising from claims by third parties, including reasonable attorneys' fees and expenses recoverable under applicable law, but only to the extent they are caused by the negligent acts or omissions of the Construction Manager, its employees and its consultants in the performance of professional services under this Agreement. The Construction Manager's obligation to indemnify and hold the Owner and the Owner's officers and employees harmless does not include a duty to defend. The Construction Manager's duty to indemnify the Owner under this Section 8.1.3 shall be limited to the available proceeds of the insurance coverage required by this Agreement.

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§ 8.1.4 The Construction Manager and Owner waive consequential damages for claims, disputes, or other matters in question, arising out of or relating to this Agreement. This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination of this Agreement, except as specifically provided in Section 9.7.

§ 8.2 Mediation

§ 8.2.1 Any claim, dispute or other matter in question arising out of or related to this Agreement shall be subject to mediation as a condition precedent to binding dispute resolution. If such matter relates to or is the subject of a lien arising out of the Construction Manager's services, the Construction Manager may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or by binding dispute resolution.

§ 8.2.2 The Owner and Construction Manager shall endeavor to resolve claims, disputes and other matters in question between them by mediation, which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Mediation Procedures in effect on the date of this Agreement. A request for mediation shall be made in writing, delivered to the other party to this Agreement, and filed with the person or entity administering the mediation. The request may be made concurrently with the filing of a complaint or other appropriate demand for binding dispute resolution but, in such event, mediation shall proceed in advance of binding dispute resolution proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order. If an arbitration proceeding is stayed pursuant to this section, the parties may nonetheless proceed to the selection of the arbitrator(s) and agree upon a schedule for later proceedings.

§ 8.2.3 The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

§ 8.2.4 If the parties do not resolve a dispute through mediation pursuant to this Section 8.2, the method of binding dispute resolution shall be the following:
(Check the appropriate box.)

[ ] Arbitration pursuant to Section 8.3 of this Agreement

[X] Litigation in a court of competent jurisdiction

[ ] Other: *(Specify)*

If the Owner and Construction Manager do not select a method of binding dispute resolution, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, the dispute will be resolved in a court of competent jurisdiction.

§ 8.3 Arbitration

§ 8.3.1 If the parties have selected arbitration as the method for binding dispute resolution in this Agreement, any claim, dispute or other matter in question arising out of or related to this Agreement subject to, but not resolved by, mediation shall be subject to arbitration, which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules in effect on the date of this Agreement. A demand for arbitration shall be made in writing, delivered to the other party to this Agreement, and filed with the person or entity administering the arbitration.

§ 8.3.1.1 A demand for arbitration shall be made no earlier than concurrently with the filing of a request for mediation, but in no event shall it be made after the date when the institution of legal or equitable proceedings based on the claim, dispute or other matter in question would be barred by the applicable statute of limitations. For statute of limitations purposes, receipt of a written demand for arbitration by the person or entity administering the arbitration shall constitute the institution of legal or equitable proceedings based on the claim, dispute or other matter in question.

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§ 8.3.2 The foregoing agreement to arbitrate, and other agreements to arbitrate with an additional person or entity duly consented to by parties to this Agreement, shall be specifically enforceable in accordance with applicable law in any court having jurisdiction thereof.

§ 8.3.3 The award rendered by the arbitrator(s) shall be final, and judgment may be entered upon it in accordance with applicable law in any court having jurisdiction thereof.

§ 8.3.4 Consolidation or Joinder

§ 8.3.4.1 Either party, at its sole discretion, may consolidate an arbitration conducted under this Agreement with any other arbitration to which it is a party provided that (1) the arbitration agreement governing the other arbitration permits consolidation; (2) the arbitrations to be consolidated substantially involve common questions of law or fact; and (3) the arbitrations employ materially similar procedural rules and methods for selecting arbitrator(s).

§ 8.3.4.2 Either party, at its sole discretion, may include by joinder persons or entities substantially involved in a common question of law or fact whose presence is required if complete relief is to be accorded in arbitration, provided that the party sought to be joined consents in writing to such joinder. Consent to arbitration involving an additional person or entity shall not constitute consent to arbitration of any claim, dispute or other matter in question not described in the written consent.

§ 8.3.4.3 The Owner and Construction Manager grant to any person or entity made a party to an arbitration conducted under this Section 8.3, whether by joinder or consolidation, the same rights of joinder and consolidation as the Owner and Construction Manager under this Agreement.

§ 8.4 The provisions of this Article 8 shall survive the termination of this Agreement.

ARTICLE 9 TERMINATION OR SUSPENSION

§ 9.1 If the Owner fails to make payments to the Construction Manager in accordance with this Agreement, such failure shall be considered substantial nonperformance and cause for termination or, at the Construction Manager's option, cause for suspension of performance of services under this Agreement. If the Construction Manager elects to suspend services, the Construction Manager shall give seven days' written notice to the Owner before suspending services. In the event of a suspension of services, the Construction Manager shall have no liability to the Owner for delay or damage caused the Owner because of such suspension of services. Before resuming services, the Owner shall pay the Construction Manager all sums due prior to suspension and any expenses incurred in the interruption and resumption of the Construction Manager's services. The Construction Manager's fees for the remaining services and the time schedules shall be equitably adjusted.

§ 9.2 If the Owner suspends the Project, the Construction Manager shall be compensated for services performed prior to notice of such suspension. When the Project is resumed, the Construction Manager shall be compensated for expenses incurred in the interruption and resumption of the Construction Manager's services. The Construction Manager's fees for the remaining services and the time schedules shall be equitably adjusted.

§ 9.3 If the Owner suspends the Project for more than 90 cumulative days for reasons other than the fault of the Construction Manager, the Construction Manager may terminate this Agreement by giving not less than seven days' written notice.

§ 9.4 Either party may terminate this Agreement upon not less than seven days' written notice should the other party fail substantially to perform in accordance with the terms of this Agreement through no fault of the party initiating the termination.

§ 9.5 The Owner may terminate this Agreement upon not less than seven days' written notice to the Construction Manager for the Owner's convenience and without cause.

§ 9.6 If the Owner terminates this Agreement for its convenience pursuant to Section 9.5, or the Construction Manager terminates this Agreement pursuant to Section 9.3, the Owner shall compensate the Construction Manager for services performed prior to termination, Reimbursable Expenses incurred, and costs attributable to termination, including the costs attributable to the Construction Manager's termination of consultant agreements.

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§ 9.7 In addition to any amounts paid under Section 9.6, if the Owner terminates this Agreement for its convenience pursuant to Section 9.5, or the Construction Manager terminates this Agreement pursuant to Section 9.3, the Owner shall pay to the Construction Manager the following termination fee:
(Set forth below the amount of any termination fee, or the method for determining any termination fee.)

§ 9.8 Except as otherwise expressly provided herein, this Agreement shall terminate one year from the date of Substantial Completion.

ARTICLE 10 MISCELLANEOUS PROVISIONS

§ 10.1 This Agreement shall be governed by the law of the place where the Project is located, excluding that jurisdiction's choice of law rules. If the parties have selected arbitration as the method of binding dispute resolution, the Federal Arbitration Act shall govern Section 8.3.

§ 10.2 Terms in this Agreement shall have the same meaning as those in AIA Document A232–2019, General Conditions of the Contract for Construction, except for purposes of this Agreement, the term "Work" shall include the work of all Contractors under the administration of the Construction Manager and the Architect.

§ 10.3 The Owner and Construction Manager, respectively, bind themselves, their agents, successors, assigns, and legal representatives to this Agreement. Neither the Owner nor the Construction Manager shall assign this Agreement without the written consent of the other, except that the Owner may assign this Agreement to a lender providing financing for the Project if the lender agrees to assume the Owner's rights and obligations under this Agreement, including any payments due to the Construction Manager by the Owner prior to the assignment.

§ 10.4 If the Owner requests the Construction Manager to execute certificates, the proposed language of such certificates shall be submitted to the Construction Manager for review at least 14 days prior to the requested dates of execution. If the Owner requests the Construction Manager to execute consents reasonably required to facilitate assignment to a lender, the Construction Manager shall execute all such consents that are consistent with this Agreement, provided the proposed consent is submitted to the Construction Manager for review at least 14 days prior to execution. The Construction Manager shall not be required to execute certificates or consents that would require knowledge, services, or responsibilities beyond the scope of this Agreement.

§ 10.5 Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the Owner or Construction Manager.

§ 10.6 Unless otherwise required in this Agreement, the Construction Manager shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to, hazardous materials or toxic substances in any form at the Project site.

§ 10.7 The Construction Manager shall have the right to include photographic or artistic representations of the design of the Project among the Construction Manager's promotional and professional materials. The Construction Manager shall provide professional credit for the Architect and the Contractors in the Construction Manager's promotional materials for the Project. The Construction Manager shall be given reasonable access to the completed Project to make such representations. However, the Construction Manager's materials shall not include the Owner's confidential or proprietary information if the Owner has previously advised the Construction Manager in writing of the specific information considered by the Owner to be confidential or proprietary. The Owner shall provide professional credit for the Construction Manager in the Owner's promotional materials for the Project. This Section 10.7 shall survive the termination of this Agreement unless the Owner terminates this Agreement for cause pursuant to Section 9.4.

§ 10.8 If the Construction Manager or Owner receives information specifically designated as "confidential" or "business proprietary," the receiving party shall keep such information strictly confidential and shall not disclose it to any other person except as set forth in Section 10.8.1. This Section 10.8 shall survive the termination of this Agreement.

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§ 10.8.1 The receiving party may disclose "confidential" or "business proprietary" information after 7 days' notice to the other party, when required by law, arbitrator's order, or court order, including a subpoena or other form of compulsory legal process issued by a court or governmental entity, or to the extent such information is reasonably necessary for the receiving party to defend itself in any dispute. The receiving party may also disclose such information to its employees, consultants, or contractors in order to perform services or work solely and exclusively for the Project, provided those employees, consultants and contractors are subject to the restrictions on the disclosure and use of such information as set forth in this Section 10.8.

§ 10.9 The invalidity of any provision of the Agreement shall not invalidate the Agreement or its remaining provisions. If it is determined that any provision of the Agreement violates any law, or is otherwise invalid or unenforceable, then that provision shall be revised to the extent necessary to make that provision legal and enforceable. In such case the Agreement shall be construed, to the fullest extent permitted by law, to give effect to the parties' intentions and purposes in executing the Agreement.

ARTICLE 11 COMPENSATION

§ 11.1 For the Construction Manager's Basic Services described under Article 3, the Owner shall compensate the Construction Manager as follows:

§ 11.1.1 For Preconstruction Phase Services in Section 3.2:
(Insert amount of, or basis for, compensation, including stipulated sums, multiples or percentages.)

Eighteen Thousand, Fifty-Eight Dollars….$18,058.00

§ 11.1.2 For Construction Phase Services in Section 3.3:
(Insert amount of, or basis for, compensation, including stipulated sums, multiples or percentages.)

One Hundred, Sixty-Seven Thousand, Nine Hundred Sixty-Seven Dollars…. $167,967.00

§ 11.2 For Post Construction Phase Services, the Owner shall compensate the Construction Manager as follows:
(Insert amount of, or basis for, compensation. If necessary, list specific services to which particular methods of compensation apply.)

Post Construction Phase Services
Twelve Thousand, Six Hundred, Twenty- Nine Dollars…$12,629.00

§ 11.3 For Additional Services that may arise during the course of the Project, including those under Section 4.2, the Owner shall compensate the Construction Manager as follows:
(Insert amount of, or basis for, compensation.)

Additional Services authorized by Owner will be compensated by negotiated lump sum or at Construction Manager's standard hourly rates, as mutually agreed upon by the parties.
Construction Manager shall be reimbursed for Reimbursable Expenses as set forth in Section 11.6, estimated as follows:
Seven Thousand, Five Hundred Dollars……..$7,500.00

§ 11.4 Compensation for Supplemental and Additional Services of the Construction Manager's consultants when not included in Sections 11.2 or 11.3, shall be the amount invoiced to the Construction Manager plus Two & one half percent (2.5 %), or as follows:
(Insert amount of, or basis for computing, Construction Manager's consultants' compensation for Supplemental or Additional Services.)

§ 11.5 The hourly billing rates for services of the Construction Manager and the Construction Manager's consultants are set forth below. The rates shall be adjusted in accordance with the Construction Manager's and Construction Manager's consultants' normal review practices.
(If applicable, attach an exhibit of hourly billing rates or insert them below.)

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See CHA Consulting, Inc- Salary Schedule in CHA Proposal (Exhibit A)

§ 11.6 Compensation for Reimbursable Expenses

§ 11.6.1 Reimbursable Expenses are in addition to compensation for Basic, Supplemental, and Additional Services and include expenses incurred by the Construction Manager and the Construction Manager's consultants directly related to the Project, as follows:

- **.1** Transportation and authorized out-of-town travel and subsistence;
- **.2** Long distance services, dedicated data and communication services, teleconferences, Project web sites, and extranets;
- **.3** Permitting and other fees required by authorities having jurisdiction over the Project;
- **.4** Printing, reproductions, plots, and standard form documents;
- **.5** Postage, handling, and delivery;
- **.6** Expense of overtime work requiring higher than regular rates, if authorized in advance by the Owner;
- **.7** Professional photography, and presentation materials requested by the Owner;
- **.8** If required by the Owner, and with the Owner's prior written approval, the Construction Manager's consultants' expenses of professional liability insurance dedicated exclusively to this Project, or the expense of additional insurance coverage or limits in excess of that normally maintained by the Construction Manager's consultants;
- **.9** All taxes levied on professional services and on reimbursable expenses;
- **.10** Site office expenses; and
- **.11** Other similar Project-related expenditures.

§ 11.6.2 For Reimbursable Expenses the compensation shall be the expenses incurred by the Construction Manager and the Construction Manager's consultants plus Two and one half percent (2.5 %) of the expenses incurred.

§ 11.7 Construction Manager's Insurance. If the types and limits of coverage required in Section 2.8 are in addition to the types and limits the Construction Manager normally maintains, the Owner shall pay the Construction Manager for the additional costs incurred by the Construction Manager for the additional coverages as set forth below.
(Insert the additional coverages the Construction Manager is required to obtain in order to satisfy the requirements set forth in Section 2.8, and for which the Owner shall reimburse the Construction Manager.)

§ 11.8 Payments to the Construction Manager

§ 11.8.1 Initial Payment

§ 11.8.1.1 An initial payment of Zero ($ 0) shall be made upon execution of this Agreement and is the minimum payment under this Agreement. It shall be credited to the Owner's account in the final invoice.

§ 11.8.2 Progress Payments

§ 11.8.2.1 Unless otherwise agreed, payments for services shall be made monthly in proportion to services performed. Payments are due and payable upon presentation of the Construction Manager's invoice. Amounts unpaid Thirty (30) days after the invoice date shall bear interest at the rate entered below, or in the absence thereof at the legal rate prevailing from time to time at the principal place of business of the Construction Manager.
(Insert rate of monthly or annual interest agreed upon.)

%

§ 11.8.2.2 The Owner shall not withhold amounts from the Construction Manager's compensation to impose a penalty or liquidated damages on the Construction Manager, or to offset sums requested by or paid to Contractors for the cost of changes in the Work, unless the Construction Manager agrees or has been found liable for the amounts in a binding dispute resolution proceeding.

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§ 11.8.2.3 Records of Reimbursable Expenses, expenses pertaining to Supplemental and Additional Services, and services performed on the basis of hourly rates shall be available to the Owner at mutually convenient times.

ARTICLE 12 SPECIAL TERMS AND CONDITIONS

Special terms and conditions that modify this Agreement are as follows:
(Include other terms and conditions applicable to this Agreement.)

None

ARTICLE 13 SCOPE OF THE AGREEMENT

§ 13.1 This Agreement represents the entire and integrated agreement between the Owner and the Construction Manager and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both the Owner and Construction Manager.

§ 13.2 This Agreement is comprised of the following documents identified below:

.1 AIA Document C132™–2019, Standard Form Agreement Between Owner and Construction Manager as Adviser

.2 Building Information Modeling Exhibit, if completed:

N/A

.3 Exhibits:
(Check the appropriate box for any exhibits incorporated into this Agreement.)

[**N/A**] AIA Document E235™–2019, Sustainable Projects Exhibit, Construction Manager as Adviser Edition, dated as indicated below:
(Insert the date of the E235-2019 incorporated into this agreement.)

N/A

[**X**] Other Exhibits incorporated into this Agreement:
(Clearly identify any other exhibits incorporated into this Agreement, including any exhibits identified in Section 4.1.2.)

CHA Proposal Dated 11/22/24 ("CHA Proposal"), attached hereto as Exhibit A

.4 Other documents:
(List other documents, if any, forming part of the Agreement.)

CHA Salary Schedule, included in CHA's Proposal

This Agreement is entered into as of the day and year first written above.

OWNER *(Signature)*	**CONSTRUCTION MANAGER** *(Signature)*
John Deer Town Supervisor	Sean Sweeney PMCM Business Line Director
(Printed name and title)	*(Printed name and title)*

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Additions and Deletions Report for

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This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

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PAGE 1

AGREEMENT made as of the 12th day of December in the year 2024

...

Town of Manlius
301 Brooklea Drive
Fayetteville, NY 13066

...

CHA Consulting Inc.
300 South State Street
Syracuse, NY 13202

...

Construction Management Services for the Renovations & Additions to the Town of Manlius Highway Department Garage

...

Schopfer Architects, LLP
1111 James Street
Syracuse, NY 13203

PAGE 2

Renovations & Additions to the Town of Manlius Highway Department Garage

...

Project is located at the Town of Manlius Highway Garage located at 5970 Clemons Rd, East Syracuse, NY 13057

Project Summary
Preliminary site plan, floor plans, and elevations of the proposed work are attached. The Project is summarized as follows:
A. An 8,115 SF Parts & Maintenance Addition:

1. A 7,965 SF pre-engineered metal building with a 150 SF connecting link to the existing garage.
2. (3) vehicle bays and (1) parts bay.
3. 5-ton bridge crane.
4. Radiant in-floor heating.
5. HI-R CMU walls to 8’ AFF; metal siding above

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6. Standing seam metal roof with 1:12 slope.
7. FFE=413.0; designed for wet flood proofing with removable aluminum flood panels.
B. A 2,450 SF Office & Locker Room Addition:

1. Constructed with load-bearing light gauge metal stud walls and roof trusses.
2. FEE=414.50; designed for dry flood proofing.

3. Interior concrete ramps from exterior grade and the existing garage to the main FFE of the addition.
4. CMU to 4' AFF; metal siding above.
5. Standing seam metal roof with a slope of 3:12.
6. Fixed aluminum storefront windows.
C. Interior Renovation of 2,711 SF of Existing Space:

1. Expansion and renovation of the foremen's office.
2. Demolition of existing bathrooms and office. Expansion and renovation of the staff "ready room".
3. Conversion and renovation of the former maintenance bay to a training room with storage areas and ramp.
D. Exterior Improvements & Sitework:

1. Add new windows to the foremen's office.
2. Cut new openings into exterior walls to connect both additions to the existing garage.
3. Asbestos abatement (existing CMU has vermiculite fill; Items 1 & 2 above require abatement).
4. Paint exterior of windows to remain.
5. Re-route some utility lines currently secured to the existing siding.
6. Reconstruct the main parking lot as shown, without impacting the existing leach fields.
7. Provide a concrete foundation for a new emergency generator (to be installed by others).
8. Modify the site around the Parts and Maintenance addition as shown.

PAGE 3

5 Million Dollars

...

January 2025

...

March, 1, 2025

...

December 1, 2025

...

Competitive Bid, Wicks Law 4 Prime Contractors

PAGE 4

None

...

None

...

N/A

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...

Robert J Seigart
Schopfer Architects LLP
1111 James Street
Syracuse, NY 13203

...

To be determined.

...

To be determined.

...

To be determined.

...

To be determined.

PAGE 5

To be determined.

...

Building Energy Solutions, Pathway Structural Engineering, and Plumley Engineering

...

Gregg Grates, Project Executive
CHA Consulting Inc.
300 South State Street
Syracuse, NY 13202

...

PX/SPM, Site Superintendent as more particularly described in CHA's Proposal (Exhibit A)

...

None

...

None

PAGE 6

§ 2.8.1 Commercial General Liability with policy limits of not less than one million dollars ($ 1,000,000) for each occurrence and two million dollars ($ 2,000,000) in the aggregate for bodily injury and property damage.

§ 2.8.2 Automobile Liability covering vehicles owned, and non-owned vehicles used, by the Construction Manager with policy limits of not less than one million dollars ($ 1,000,000) per accident for bodily injury, death of any person, and property damage arising out of the ownership, maintenance and use of those motor vehicles, along with any other statutorily required automobile coverage.

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PAGE 7

§ 2.8.4 Workers' Compensation at statutory limits and Employers Liability with policy limits not less than one million dollars ($ 1,000,000) each accident, one million dollars ($ 1,000,000) each employee, and one million dollars ($ 1,000,000) policy limit.

§ 2.8.5 Professional Liability covering negligent acts, errors and omissions in the performance of professional services with policy limits of not less than ~~($) per claim and ($~~ two million dollars ($ 2,000,000) per claim and two million dollars ($ 2,000,000) in the aggregate.

...

To be determined.

...

The Construction Manager's Basic Services consist of those described in CHA's Proposal (Exhibit A) and this Article 3, and include usual and customary Preconstruction and Construction Phase Services. Services not set forth in this Article 3 are Supplemental or Additional Services. The Owner, Construction Manager, and Contractors may agree, in consultation with the Architect, for the Construction Phase to commence prior to completion of the Preconstruction Phase, in which case, both phases will proceed concurrently.

PAGE 8

§ 3.2.12 The Construction Manager ~~shall provide recommendations and information to the Owner regarding~~ and Owner agree that the Contractors shall be solely responsible for jobsite safety and for implementing appropriate safety programs and procedures in connection with the Work, and that the Owner shall determine the allocation of responsibilities for safety programs among the Contractors.

PAGE 11

§ 3.3.13 The Construction Manager shall obtain and review the safety programs developed by each Contractor solely and exclusively for purposes of ~~coordinating the safety programs with those of the other Contractors and for making recommendations for any additional safety measures to be considered in the Work of the Contractors. The Construction Manager's responsibilities for coordination of safety programs shall not extend to direct~~ confirming that each Contractor has submitted its safety program as may be required by such Contractor's contract with the Owner. The Construction Manager's responsibilities for collection of safety programs shall be an administrative function and not extend to safety consulting, monitoring or any supervisory responsibility whatsoever for jobsite safety or safety programs in connection with the Work, or to control over or charge of the acts or omissions of the Contractors, Subcontractors, agents or employees of the Contractors or Subcontractors, or any other persons performing portions of the Work and not directly employed by the Construction Manager.

PAGE 14

§ 4.1.1.1	Measured drawings	Architect
§ 4.1.1.2	Tenant-related services	Owner
§ 4.1.1.3	Commissioning	Owner
§ 4.1.1.4	Development of a commissioning plan	Architect
§ 4.1.1.5	Sustainable Project Services pursuant to Section 4.1.3	Architect
§ 4.1.1.6	Furniture, furnishings and equipment delivery, and installation coordination	Owner
§ 4.1.1.7	Furniture, furnishings and equipment procurement assistance	Owner
§ 4.1.1.8	Assistance with site selection	Owner
§ 4.1.1.9	Assistance with selection of the Architect	Owner
§ 4.1.1.10	Furnish land survey	Owner
§ 4.1.1.11	Furnish geotechnical engineering services	Owner
§ 4.1.1.12	Provide insurance advice	Owner
§ 4.1.1.13	Provide supplemental Project risk analysis and mitigation strategies	Owner
§ 4.1.1.14	Stakeholder relationships management	Owner

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§ 4.1.1.15	Owner moving coordination	Owner
§ 4.1.1.16	Coordination of Owner's Separate Contractors	Owner
§ 4.1.1.17	Other Supplemental Services	Owner

...

None
PAGE 15

As described in Section 4.1.1; the parties may mutually agree on additional details for required Supplemental Services, as appropriate
PAGE 16

§ 4.2.5 If the services covered by this Agreement have not been completed ~~within ( ) months of the date of this Agreement,~~ by December 31, 2025, through no fault of the Construction Manager, extension of the Construction Manager's services beyond that time shall be compensated as Additional Services.
PAGE 19

[X] Litigation in a court of competent jurisdiction
PAGE 22

Eighteen Thousand, Fifty-Eight Dollars….$18,058.00

...

One Hundred, Sixty-Seven Thousand, Nine Hundred Sixty-Seven Dollars…. $167,967.00

§ 11.2 For ~~the Construction Manager's Supplemental Services designated in Section 4.1.1, and for any Sustainability Services required pursuant to Section 4.1.3,~~ Post Construction Phase Services, the Owner shall compensate the Construction Manager as follows:

...

Post Construction Phase Services
Twelve Thousand, Six Hundred, Twenty- Nine Dollars…$12,629.00

...

Additional Services authorized by Owner will be compensated by negotiated lump sum or at Construction Manager's standard hourly rates, as mutually agreed upon by the parties.
Construction Manager shall be reimbursed for Reimbursable Expenses as set forth in Section 11.6, estimated as follows:
Seven Thousand, Five Hundred Dollars……..$7,500.00

§ 11.4 Compensation for Supplemental and Additional Services of the Construction Manager's consultants when not included in Sections 11.2 or 11.3, shall be the amount invoiced to the Construction Manager plus Two & one half percent (2.5 %), or as follows:
PAGE 23

See CHA Consulting, Inc- Salary Schedule in CHA Proposal (Exhibit A)

~~**Employee or Category**~~ ~~**Rate ($0.00)**~~

...

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§ 11.6.2 For Reimbursable Expenses the compensation shall be the expenses incurred by the Construction Manager and the Construction Manager's consultants plus Two and one half percent (2.5 %) of the expenses incurred.

...

§ 11.8.1.1 An initial payment of Zero ($ 0) shall be made upon execution of this Agreement and is the minimum payment under this Agreement. It shall be credited to the Owner's account in the final invoice.

...

§ 11.8.2.1 Unless otherwise agreed, payments for services shall be made monthly in proportion to services performed. Payments are due and payable upon presentation of the Construction Manager's invoice. Amounts unpaid Thirty (30) days after the invoice date shall bear interest at the rate entered below, or in the absence thereof at the legal rate prevailing from time to time at the principal place of business of the Construction Manager.
PAGE 24

None

...

N/A

...

[**N/A**] AIA Document E235™–2019, Sustainable Projects Exhibit, Construction Manager as Adviser Edition, dated as indicated below:

...

N/A

[**X**] Other Exhibits incorporated into this Agreement:

...

CHA Proposal Dated 11/22/24 ("CHA Proposal"), attached hereto as Exhibit A

...

CHA Salary Schedule, included in CHA's Proposal

...

John Deer Town Supervisor

Sean Sweeney PMCM Business Line Director

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Certification of Document's Authenticity

AIA® Document D401™ – 2003

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_____

(Signed)

_____

(Title)

_____

(Dated)

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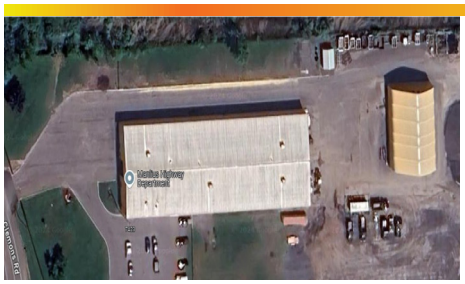
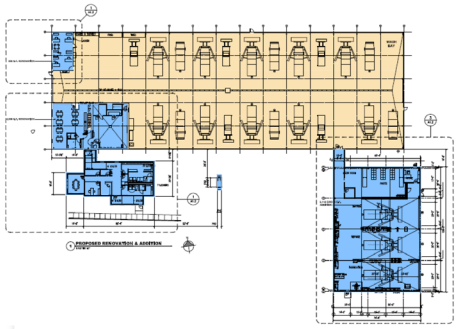
Construction Management Services for

TOWN OF MANLIUS HIGHWAY DEPARTMENT

Renovations and Additions to the Highway Department Garage

NOVEMBER 22, 2024





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SECTION 1

COVER LETTER - LETTER OF INTEREST

November 22, 2024

Town of Manlius
Town Clerk
Town Hall
301 Brooklea Drive
Fayetteville, NY

RE: Construction Management Services for Renovations and Additions to the Town of Manlius Highway Department Garage

To the Town of Manlius,

The backbone of our communities are the dedicated staff of our Highway Departments and Department of Public Works (DPW) as they provide critical support and service for uninterrupted operations of our municipalities. The Town of Manlius is no different as the Highway Department is an integral player in ensuring the continued maintenance and safety of infrastructure throughout the Town. As such, it is important the Highway Department has a safe and updated facility that provides improved vehicle maintenance capabilities, space to maintain and store equipment and supplies, and a training room, break room, and locker facilities to accommodate all staff. Therefore, we understand that the Town of Manlius is planning for a new 8,115 SF pre-engineered parts and maintenance building addition to the existing garage, a 2,450 SF office and locker room addition, interior renovations to 2,711 SF of existing office and garage space, and improvements to building exteriors, and sitework to accomplish the needed enhancements to the Highway Department facility.

Our team's experience and commitment to public projects will bring the added level of expertise and leadership necessary to navigate project challenges and deliver a successful outcome.

CHA brings several advantages to this project:

An Expert Team of Professionals: Experience matters when designing and building public works facilities. We have overseen the successful completion of DPW and Highway Department projects for multiple communities and are currently overseeing four DPW facility projects. Our expertise and understanding of programmatic requirements, standards, and best practices is comprehensive, and our team will bring an expert level of input and oversight during the design and construction phases.

Construction Management Expertise in New York: CHA's project leadership has over 35 years of experience serving as project managers, construction managers, and project executives on high-profile construction projects for clients including municipalities and state agencies throughout New York. With more than 38 years of construction experience, Gregg Grates will lead our team as project executive/senior project manager. Gregg has served as project executive, construction manager, and general contractor on construction projects across New York State, including several in Syracuse and Central New York.

Depth of Resources: We offer the specialized expertise of our niche project/construction management team with the support of a local A/E team. Firm-wide, CHA is a team of over 1,900 multi-disciplined staff, including 60 Syracuse-based team members who can provide constructibility and design review for this project. CHA has maintained a fully-staffed Syracuse office since 1992 and we take great pride in working on projects that enhance our local communities. With this, we move beyond being your consultant to being your trusted partner – your success is our top priority.

Local Presence: CHA has assembled a team of highly qualified professionals. Our office in downtown Syracuse is a short drive from the 5970 Clemons Road site in East Syracuse, allowing our project manager to be only minutes away from assisting the town and staff.

Passion: Partnerships are our passion. We look at things from your perspective, moving away from a culture focused on projects to one built on relationships. By having a vested interest in your goals, we deliver forward-thinking designs that deliver quality results.

In selecting a Construction Manager (CM), it is important to select a firm and a team that will serve as a trusted advisor and represent the best interests of the Town of Manlius, the Manlius Highway Department, and the community they serve. We have provided outstanding construction and design services to Syracuse-area clients for over 30 years. Our team is committed to providing outstanding service and the necessary experience to manage projects with transparency, leadership, and exceptional skill.

We look forward to working with you on this important project. Should you have any questions please do not hesitate to contact me at (315) 257-7220 or jtrasher@chasolutions.com.

Sincerely,

James Trasher, PE
Principal-in-Charge | Syracuse Office Team Leader

SECTION 2

QUALIFICATIONS

QUALIFICATIONS

Who We Are

CHA is an innovative, full-service engineering, design, consulting, and program/construction management firm providing a wide range of technology-enhanced services to public, private, and institutional clients.

We are focused on delivering sustainable, integrated solutions to the world's most challenging infrastructure projects across utilities, transportation, water, and other critical commercial and industrial end-markets.

Our construction management approach is to facilitate maximum collaboration between the owner and all project team members. Our philosophy emphasizes three keys to a successful project: schedule, cost and quality. We actively lead and support the owner from preliminary planning and design through construction and project close-out.

CHA's construction management teams work closely with and on behalf of our clients for the on-time, on-budget, and high quality completion of their projects. Our services include:

General Services

- Overall Project Coordination and Management
- Project Budgeting
- Project Scheduling
- Consultant and Contractor Selection and Coordination

Preliminary Planning and Feasibility

- Project Feasibility Evaluation
- Preliminary Cost Estimate
- Preliminary Schedule
- Project Strategy and System Review
- Existing Conditions Review

Design and Construction Documentation

- Project Requirements Review
- Design Team Selection
- Design Review Management
- Design Schedule Management
- Project Budgeting
- Value Engineering
- Pre-Qualification of Contractors/ Construction Manager
- Division of Work
- Long Lead Procurement Strategies

Pre-construction Services

- Constructability Reviews
- Logistical Analysis
- Subcontractor Selection
- Contract Review
- Permit Management
- Milestone Schedules

Construction Services

- Construction Monitoring and Project Management
- Construction Schedule Monitoring/ Recovery Plans
- Independent Testing Coordination
- Project Evaluation Reporting
- Computer Technology (Project Management Systems)
- Project Meeting Coordination
- Quality Control
- Financial Controls and Payment Review
- Cash Flow Analysis
- Insurance Requirement Compliance
- Legal Dispute Resolutions
- Coordination of Owner Supplied Furniture, Furnishings and Equipment

Closeout and Post-Construction Services

- Closeout and Post-Construction Services
- Punch List Monitoring
- System Commissioning Coordination
- Construction Closeout Coordination
- Turnover Quality Control
- Facilities Management Consulting
- Guidance on Facilities Survey and Database Management
- Financial Closeout

AT A GLANCE

1900+
Firm-wide Resources

40+
Offices Throughout the Country

100+
Construction Managers

450+
New York Staff

GET IN TOUCH

James Trasher, P.E.
Principal-in-Charge | Syracuse Office Team Leader
CHA Consulting, Inc.
Office: (315) 471-3920
jtrasher@chasolutions.com
www.chasolutions.com

Construction Management Team

CHA's CM team is comprised of over 100 professionals with experience in the management and oversight of public building projects. Our proposed team for the Manlius Highway Department Garage project was hand-selected based on their previous experience and an in-depth understanding of and experience with facilities, equipment, staff, and operations of Department of Public Works and Highway Departments.

Our CM team will be led by senior project manager, Gregg Grates. Gregg has over 38 years of experience in Central New York as a construction manager, project executive, and general contractor. Gregg has completed DPW and maintenance facilities projects for Montgomery County, the towns of Russia and Marshall, and Mohawk Valley Community College. His knowledge of the region and the construction market is comprehensive.

Project Understanding and Goals

Public works facilities play a critical role in cities and towns. So many, like Manlius, have outgrown their space to adequately manage major infrastructure and construction projects. We understand that today's public works buildings are highly complex and technically advanced, requiring space for administrative staff and appropriate garages and storage for vehicles and equipment. Outdated DPW facilities hinder departments from working at full capacity.

From your RFP, we acknowledge the following elements of the project:

- An 8,115 SF parts and maintenance addition, including a 7,965 SF pre-engineered metal building with a 150 SF connector to the main garage.
- A 2,450 SF office and locker room addition
- Interior renovation of 2,711 SF of existing garage space for office space, new 'ready room', and conversion of a former maintenance bay to a training room.
- All DPW facilities must maintain operational readiness.

At CHA, we understand that our role as the construction manager is to serve as an extension of your staff and help navigate the oversight of design, estimating, procurement, budget, schedule, risk management, quality assurance, and construction. We have extensive experience working with cities and towns building new public facilities. At the onset of each project, we collaborate with the designated building team to identify the overall project needs and requirements – incorporating wants, needs, and wishes.

We will work to break down the project into digestible tasks and milestones to help refine the overall schedule. In doing so, we establish a clear idea of what the project involves, responsible parties, and desired outcomes.

Sustainability also extends to FF&E and the exterior of the building and we have incorporated those conversations into our past project examples as well to find the best options for our clients. We also work towards sourcing local materials which not only supports the local economy but reduces carbon footprint. Similarly, on the exterior of the building, taking advantage of natural features of the site to promote drainage and using native species plantings to reduce maintenance are all sustainable strategies we encourage the designer and owner to consider.

The building site's location in a flood plain will require the new construction to be built above the base flood elevation and the design will need to incorporate components such as flood proofing, exterior retaining walls, and transitions to the existing buildings. We will work with the design team, highway superintendent, and pre-engineered building system vendor to develop a sensible and cost effective approach to these necessary design elements, all while meeting the local and state flood plain requirements.

PROJECT HIGHLIGHT:

Syracuse Fire and Police Department Relocation
City of Syracuse

Senior project manager Gregg Grates and the CHA team will be providing move management services for the relocation of the city's fire and police departments from their current locations to a site at 1153 West Fayette Street in Syracuse which will serve as a combined public safety facility.

The move management project will require constant communication and coordination with the city and key representative of the police and fire departments. The scope of services includes strategic meetings, site reconnaissance, development of the move management RFP, bidder outreach, and flexible staffing to meet the city's needs.

Management Approach

CHA has significant experience, having successfully completed multiple DPW projects across the Northeast. Our familiarity and expertise with public buildings, specifically DPW building projects, is comprehensive.

CHA will approach your project as a partnership with the Town of Manlius, the Highway Department, and all required local officials and project stakeholders. We facilitate collaboration between the designer, the contractor, and all other project team members. We actively lead and support the town through every step of the process through the successful completion of the project's design, construction, and closeout.

Our firm has been working with municipalities for over 35 years, and we are well-versed in local, state, and federal regulations, requirements, and grant funding opportunities.

During the preconstruction phase of the project, our construction management services will include coordination and oversight of the development of programming and scope requirements, design development, detailed design review, cost estimating, value engineering, scheduling, budget control, quality assurance, risk management, and full adherence to local and state regulations.

This essential project requires a well-qualified collaborative team with deeply rooted local knowledge and similar past experience. Our proposed team members are available to be fully committed to the Manlius Highway Department Garage project immediately.

Project Management Process

The most effective approach to collaboration with the owner, designer, and contractor on each project is to implement comprehensive project standards and establish accountability for all parties.

CHA employs the following methods for the success of the project:

PROJECT BUDGET: We will establish, update, and maintain a comprehensive project budget that details both construction costs and soft costs to give the project team a complete understanding of the project's total cost. We will also provide updated cash flow reports throughout the project.

DOCUMENT REVIEW: Our proposed team will carefully examine all drawings and specifications for adherence to the building program and town requirements. We will perform the following services:

- Review of plans and specifications to identify errors, omissions, and constructability issues to make sure that the design meets all project requirements and is cost-effective
- Detailed cost estimates at each design milestone for all necessary trades and a list of potential value engineering items for review as necessary
- Evaluation of materials specified by the designer

DESIGN REVIEW & RISK MANAGEMENT: Analyzing project risk from a cost perspective is a value-added approach that CHA will provide. We use value-added strategies in assessing project risk, including continual cost checking of design development, value engineering/value management, and project cost controls through change order valuation and tracking.

VALUE ENGINEERING: Our cost management process includes working with architects and contractors to proactively manage project costs during the design phase and through construction. We perform monthly reviews throughout the design to identify and address issues as they arise, rather than waiting until the end of each phase.

PROJECT & CONSTRUCTION SCHEDULE: Our team will create, update, and monitor both a project schedule and a construction schedule and establish accountability for each milestone and task to make sure that all project objectives and deliverables are met.

PROCUREMENT, BIDDING, & CONTRACT MANAGEMENT: We will provide oversight and management of the procurement of goods and services, including surveys, peer reviews, testing, and all other required consulting services, and monitor tasks against contractual requirements. Our team will also manage all facets of the construction bidding process, including encouraging bidder interest to increase competitive pricing, prequalification, bidding, construction contract negotiation, and completion of contractor evaluations.

DPW Facilities Expertise

CHA will also draw on the experience and expertise of municipal building expert, Tom Gatzunis, Sr. Tom has over 35 years of experience in the oversight of the design and construction of municipal buildings and is currently working on DPW facility projects in Boxford and Harvard, Massachusetts. Tom recently led the CHA team in constructing renovations to the Town of Belmont's DPW garage, including expanded office and locker room facilities.

*Tom also served as **Commissioner of Public Safety for the Commonwealth of Massachusetts from 2004-2015.** Tom recognizes the value of public works personnel as emergency first responders, and he will work to make sure your DPW personnel get the facility they want and need to do their jobs.*

CHANGE ORDER MANAGEMENT: Changes to a project during construction impact final construction cost and can be initiated by the owner, designer, contractor, or as a result of site conditions. Our change order review and log process keeps track of the movement of the changes through the system, and regular reminders will be issued to the contractor and the designers to prompt their action. Our project team will work with our in-house professional cost estimating team to verify and reconcile all proposed change order costs. This service allows our project team to negotiate fair pricing more effectively. Several of our projects have come in under 2% of total change orders.

ON-SITE REPRESENTATION & REPORTING: Our project representatives, also known as On-site Representatives, Project Superintendents, or Clerks of the Works, are a team of experienced construction management professionals. CHA's project representatives each have more than ten years of experience in the construction industry, manage all daily site activities, and compile detailed reports on all facets of the construction phase. Their daily responsibilities include identifying and monitoring workforce requirements, verifying prevailing wage compliance, capturing project progress through photos and written documentation, and providing oversight and management of the town's consultants.

COST & CLAIMS MANAGEMENT: The prevention of claims is best managed by identifying areas of potential conflict that may give rise to a claim. Through comprehensive budget tracking, design review, and value engineering, our team will proactively monitor and anticipate any constructibility issues, identify long-lead items, and establish bidding alternates to reduce costs associated with unforeseen conditions and the potential for claims.

COMMUNICATION & MONTHLY REPORTING: Our team encourages transparency between all project stakeholders and carefully documents each project with written and electronic documentation. CHA will prepare detailed written and oral monthly progress reports summarizing all activities. Our written reports include updates on the budget/costs and schedule, cash flow projections, designer's progress, notification of any issues that could result in additional time and/or costs, and any anticipated problems/concerns with recommended solutions.

FIELD OBSERVATION & MANAGEMENT: The project management team will regularly walk the site and perform quality control on-site. They will also look at the schedule at a "macro" and "micro" level and consider issues such as sufficient staffing, the appropriate sequence of work, and whether materials have been ordered and are located or stored on site.

KEY CONSTRUCTION CHALLENGES

- **High-profile project for Manlius**
- **Flood plain mitigation**
- **Maintenance of daily operations**
- **Logistics and staging issues to be addressed and determined**
- **Management of prime contract**
- **Coordination with multiple shareholders and activities**

Bidding/Construction Administration Services

Bidding Phase

In preparation for bidding, the CHA team will review the drawings and specifications in detail to identify any potential conflicts between the architectural, structural, and mechanical trades; recommend bid alternates; and review the general conditions and the contract for thoroughness and completeness. We have minimized change orders during construction to save 0.5% to 1% of the construction cost.

Construction Administration

Detailed below are specific services that our team members regularly provide during construction:

- Monitor and report on the schedule, total project budget, cash flow, and any potential issues.
- Monitor and report on submittals, RFIs, and change order requests to track the general contractor's and designer's performance and conformance with the documents.
- Analyze and process change orders with the designer and contractor to comply with the contract and fair pricing and establish a system for incorporating changes into the existing project schedule.
- Identify and participate in resolving issues to control costs and minimize schedule delays.
- Review and approve all contractor requisitions/review the contractor's Schedule of Values to determine the proper balance of costs and all current activities.
- Provide complete project status reports to the owner each month.
- Assist in the procurement and administration of other consultants or contractors as required.
- Provide representation at meetings outside of the weekly job meetings, as needed.
- Review all long-lead items and make sure that they are ordered on time.

- Consistently review the contractor's progress against the approved baseline schedule and enforce recovery scheduling when necessary.
- Provide daily monitoring of all construction barriers, egress points, environmental controls, site use, and coordinate with public officials, facilities representatives, and contractors.

During construction, our team will regularly visit the construction site to review the contractor's work and that the quality of construction conforms to the project requirements. Our team carefully documents the project through written and electronic documentation and photographs. We prepare comprehensive reports for the owner that outline the previous month's progress, including a project progress report, a list of change orders and their current status, site reports, site photos, an updated schedule, and an updated project budget.

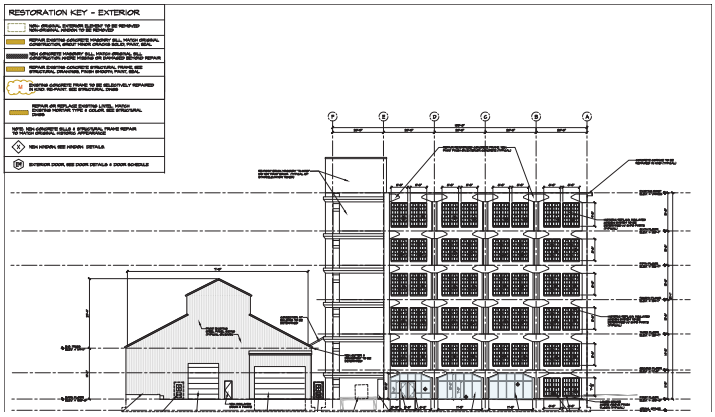
Project Closeout Services

Our closeout approach is designed to resolve issues as they arise during construction to reduce potential issues after construction completion. Our project managers have change orders signed monthly and oversee the development of a detailed punch list requiring the architect to sign off on completed items. CHA facilitates the training materials and sessions supplied with the operating systems. We will work with the onsite facility staff to assure that all training has taken place and is understood. We check the attic stock as it arrives at the job site. We meet with the facility managers throughout the construction process and walk through the building regularly so there are no surprises at the end. We pay particular attention to the HVAC system, which can make up 50-75% of service calls after occupancy. We also conduct post-occupancy surveys and workshops on "lessons learned" by all parties to continually improve our processes.

In just the past 10 years, *the CHA team has overseen the successful completion of* ***seven DPW facilities*** *and is currently working with Duxbury, Nantucket, and Harvard on new public works facilities.* ***CHA also recognizes that DPW staff serve as emergency first responders*** *for the continued safety of our communities during storms, power outages, and other natural disasters. Please see the table below for recent and relevant projects by the CHA project management team.*

Recent and Relevant Projects	Location	New	Ren/Add	Completion
North Syracuse Fire Stations Repairs and Renovations	North Syracuse, NY		•	2026
Harvard Department of Public Works Facilities	Harvard, MA	•		2026
Boxford Department of Public Works Facility	Boxford, MA	•		2026
Syracuse Police and Fire Department Relocation	Syracuse, NY		•	2026
Nantucket Public Works Garage	Nantucket, MA	•		2025
Lawrence Police Headquarters	Lawrence, MA	•		2025
Duxbury Department of Public Works Facility	Duxbury, MA	•		2025
Leominster Police Headquarters	Leominster, MA	•		2024
Northbridge Fire Headquarters	Northbridge, MA	•		2024
Dennis Fire Station No. 2	Dennis, MA	•		2023
Ithaca Regional Maintenance Facility	Ithaca, NY	•		2022
Middleborough Department of Public Works Facility	Middleborough, MA	•		2022
*Montgomery County Shared Services Facility	Fultonville, NY	•		2021
Belmont Department of Public Works Facility	Belmont, MA		•	2021
Sharon DPW and Municipal Facilities Complex	Sharon, MA	•	•	2019
Orleans DPW & Natural Resources Facility	Orleans, MA	•		2019
West Tisbury Highway Department Facility	West Tisbury, MA	•		2016
Medfield Department of Public Works Facility	Medfield, MA	•		2016
Franklin Department of Public Works Facility	Franklin, MA		•	2014
*Marshall Highway Department Garage	Marshall, NY	•		2012
*Russia Department of Public Works Garage	Russia, NY	•		2011
*Steet Toyota Vehicle Maintenance Garage	Yorkville, NY	•		2011

** individual experience of senior project manager Gregg Grates*



SYRACUSE FIRE AND POLICE DEPARTMENT RELOCATION

City of Syracuse

CHA is providing move management services for the relocation of the city's fire and police departments from their current locations to a site at 1153 West Fayette Street in Syracuse which will serve as a combined public safety facility.

The move management project will require constant communication and coordination with the city and key representative of the police and fire departments. The scope of services includes strategic meetings, site reconnaissance, development of the move management RFP, bidder outreach, and flexible staffing to meet the city's needs.

Project Location
Syracuse, NY

Total Project Value
tbd

Completion
2025 (est.)

CENTRAL UTICA MEDICAL OFFICE BUILDING

Central New York Cardiology | Mohawk Valley Health Systems

Gregg Grates, senior project manager, led the CHA team providing owner's representative services for the new Central Utica Building (CUB) project, located at 601 State Street in downtown Utica. CHA's responsibilities for the design and construction of the new 94,000 SF medical office building included developing the RFP's for both the design team and construction manager at risk (CMAR).

The CHA team led outreach and selection, and coordination between the design teams, the CMAR, and the City of Utica planning board. CHA was also responsible for site, budget, code inspections, environmental, and utilities coordination/monitoring.

The new medical office building has state-of-the-art equipment used in procedures and diagnosis that were not previously available in the Utica area. The CUB sits across from the newly built $648 million Mohawk Valley Health Systems (MVHS) Wynn Healthcare campus.

Project Location
Utica, NY

Total Project Value
$40.3 million

Completion
2023

NEW YORK STATE THRUWAY REST AREA REVITALIZATION

Applegreen, PLC

CHA senior project manager, Gregg Grates, and his team are providing program management and construction management services for a $552 million design-build project to build/redevelop 27 new rest area facilities along the New York State Thruway.

As construction manager, CHA is responsible for developing procurement packages, oversight of M/WBE compliance, design review, construction administration services, and budget/progress schedule review. CHA also provides overall contract compliance between Empire State Thruway Partners and AECOM, the lead design-build firm.

CHA's construction management responsibilities include environmental review and permitting and oversight of demolition of existing structures at most of the rest area sites. CHA is also overseeing interior fit-outs for over a dozen national quick-serve restaurant brands, including Burger King, Popeyes, Shake Shack, Panera, Panda Express, Dunkin, Starbucks, and more.

The project is being completed in multiple phases to maintain services on the busy interstate highway.

Project Location
Various locations, NY

Total Project Value
$552 million (est.)

Completion
2027 (est.)

MONTGOMERY COUNTY SHARED SERVICES FACILITY

Montgomery County

Gregg Grates, while with a previous employer, provided construction management services for the design and construction of a new state-of-the-art pre-engineered 37,000 SF facility.

12,000 SF of the building is devoted to the Montgomery County IDA while the remainder is used by the DPW. The DPW portion of the building includes administration offices, service bays, and a dedicated wash bay for both the Montgomery County Sheriff's Department and DPW with vehicle lifts equipped with all vehicle fluids overhead. The project also included a stand-alone fueling canopy and a 10,000 SF storage facility.

Project Location
Fultonville, NY

Total Project Value
$15 million

Completion
2021

MARSHALL HIGHWAY DEPARTMENT GARAGE

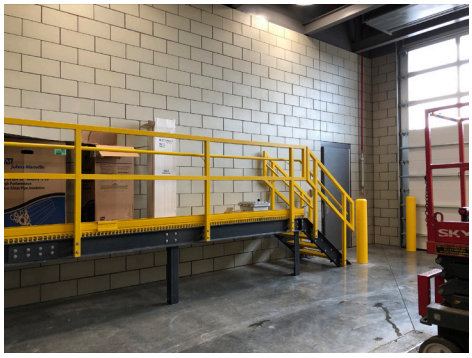
Town of Marshall

Gregg Grates, while with a previous employer, provided construction management services for the design and construction of a new 12,000 SF public works facility with radiant heat floors in the vehicle storage area. The building has insulated panels for both the walls and roof system, a parts room, a fluids storage area, and oil separators at all floor drains.

Project Location
Deansboro, NY

Total Project Value
$2 million

Completion
2012



ITHACA REGIONAL MAINTENANCE FACILITY

New York State Department of Transportation

CHA provided design, permitting, and construction administration services for a new 33,000 SF maintenance facility. The original regional facility was built in 1958 along the Cayuga Inlet. A site adjacent to the Ithaca Tompkins Regional Airport was selected to construct an upgraded facility.

CHA and its subconsultants designed a new building with storage for vehicles and equipment, utility systems, vehicle lifts, wash bays, workshop space, dedicated storage for parts and consumable materials, and employee facilities. The facility includes a 5,000 SF cold storage building, an 8,000 SF salt storage building, and a fueling facility. The design incorporated attractive, low-maintenance facades; geothermal HVAC; and solar panels on two of the three buildings.

CHA worked with the New York State Department of Transportation, New York State Office of General Services, New York State Department of Environmental Conservation, Federal Aviation Administration, and Town of Lansing to complete State Environmental Quality Review Act procedures and fast-track the design and permitting process to meet an aggressive schedule and obtain construction permits in nine months.

Project Location
Ithaca, NY

Total Project Value
$11 million

Completion
2022

BELMONT PUBLIC WORKS FACILITY RENOVATIONS

Town of Belmont

CHA and senior project manager Tom Gatzunis, PE, CBO, provided owner's project management services for the design and construction of repairs, renovations, and an addition to the occupied DPW facility.

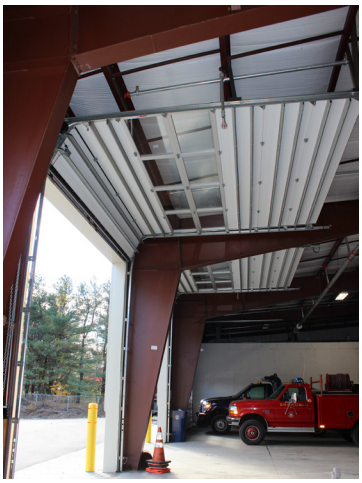
The DPW facility lacked adequate room for staff break rooms, locker rooms, or management offices. The project was a stopgap effort to extend the life of the DPW facility for an additional 10 years by completing targeted short-term repairs and code-compliance issues. The project scope of work included relocation and refurbishment of the manager's office, break room, and operations.

The addition was constructed to provide OHSA-compliant spaces for DPW staff, and included a new training room, kitchen, and locker rooms. This allowed the project to be extended in the town's Capital Projects Plan. The CHA team phased the work to allow the Department of Public Works to maintain all operations throughout the seasons, including during a challenging northeast winter.

Project Location
Belmont, MA

Total Project Value
$2.1 million

Completion
2022



SHARON PUBLIC WORKS FACILITY - NEW AND RENOVATION CONSTRUCTION

Town of Sharon

CHA provided owner's project management services for the design and construction of a new 17,400 SF pre-fabricated steel building for vehicle storage and maintenance on the existing DPW site. The project included adding structural supports to the town's salt shed. The project took place on an active municipal site that included the town's combined public safety complex and the town hall building. Careful coordination and project phasing were required to complete the project successfully.

Project Location
Sharon, MA

Total Project Value
$1.9 million

Completion
2014

DUXBURY PUBLIC WORKS FACILITY

Town of Duxbury

CHA is providing owner's project management services for the design and construction of a new, sustainable, 32,600 SF public works garage. The building will include administrative and support spaces, employee facilities, workshops, vehicle and equipment storage, and vehicle maintenance and wash bays.

The new facility will provide indoor space for all DPW equipment, resulting in improved employee safety, decreased public works response times and extended vehicle and equipment lifespans. A closed floor drain system will provide stormwater pollution control by collecting any drips and spills and preventing them from reaching the environment.

The town's budget for the project was developed prior to the COVID pandemic, with design development efforts revealing an unprecedented rise in construction costs year-over-year. Bids were nearly $5 million over-budget. The CHA team worked with the architect and owner on an extensive value management effort to clarify bid documents, reduce scope, and modify design to cut costs while minimizing impacts to the program. Reducing the building size by 1,100 SF, relocating mechanical equipment to the roof and reducing mezzanine size and staircases, and securing temporary off-site facilities to reduce construction duration from 22 months to 18 months are among almost 20 unique value engineering efforts that have brought the project back into budget.

Project Location
Duxbury, MA

Total Project Value
$36.3 million (est.)

Completion
2025 (est.)

ORLEANS PUBLIC WORKS AND NATURAL RESOURCES FACILITY

Town of Orleans

CHA provided owner's project management services for the design and construction of a new 37,242 SF DPW and Natural Resources Facility to replace and consolidate 50-year-old disparate facilities. The single-story building is a metal-framed structure with masonry and metal panel exterior finishes. It contains spaces for vehicle and equipment storage, vehicle wash, vehicle maintenance, department shops, and employee and administrative support.

Project Location
Orleans, MA

Total Project Value
$13.5 million

Completion
2018

SHARON TOWN HALL

Town of Sharon

CHA provided owner's project management services for the design and construction of a new, two-story, 16,780 SF town hall adjacent to the existing town hall building and on the town's former fire station site. The $16 million CMAR project included abatement and demolition of the existing town hall. The scope included a new septic system, parking areas, and landscaping.

The CHA owner's project management team worked closely with the Sharon Permanent Building Committee to study multiple options for space programming, test fits on the town-owned site, and the detailed design and construction of the new building.

The project included sustainable design elements to meet LEED certification requirements. The project expanded program spaces for increased community access and engagement.

Project Location
Sharon, MA

Completion
2019

Total Project Value
$16 million

BOURNE POLICE STATION

Town of Bourne

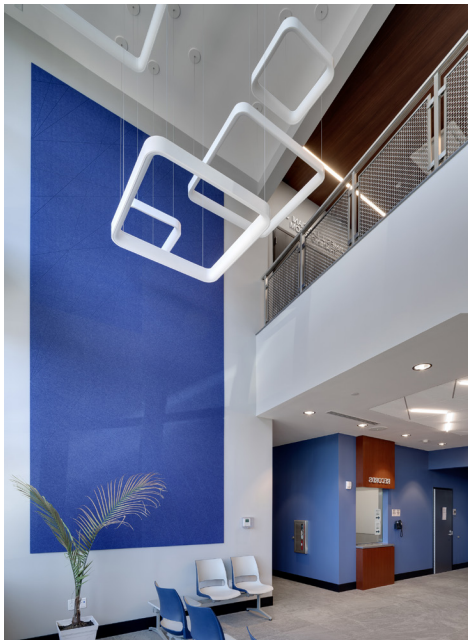
CHA provided owner's project management services to design and construct the Town of Bourne's new police station. CHA worked closely with police department representatives and project designers to identify department needs, including site evaluations and development of the space program.

The new 29,400 SF facility includes a training room/emergency operations center, dispatch center, secure prisoner processing, and detention area, three-car drive-thru sally port, secure evidence processing, and storage area, roll call room, fitness area, administrative offices, and a firing range. The new building has three floors, with one underground.

Project Location
Bourne, MA

Total Project Value
$21 million

Completion
2019



LEOMINSTER POLICE HEADQUARTERS

City of Leominster

CHA provided owner's project management services for the design and construction of a new 30,000 SF police headquarters building. CHA worked closely with the designer and the city beginning with a comprehensive site selection process. The selected site required demolition of existing houses and a warehouse before sitework could begin.

The modern new facility includes training spaces, an emergency operations center, dispatch center, and secure prisoner processing and detention area. Additional features include a an interior firing range, secure evidence processing and storage area, drive-thru sally port, offices , roll call room, and fitness area.

The new building is energy efficient with many sustainable elements and additional health and safety features. It also was designed with a 'civilian side' of the building intended to improve officers' day-to-day interactions with the community.

Project Location
Leominster, MA

Total Project Value
$26 million

Completion
2024

Photography © Ed Wonsek

CLIENT REFERENCES

Montgomery County Shared Services Facility
Fultonville, NY

Town of Marshall Highway Department Garage
Deansboro, NY

Central Utica Medical Office Building
Utica, NY

Department of Public Works Addition and Renovations
Belmont, MA

Below are references from a selection of our recent clients, with whom we have successfully collaborated with on projects of similar scale and quality. These references and client partnerships stand as endorsements of our work's quality and our dedication to achieving outstanding results. We welcome and encourage you to contact these individuals and organizations for valuable insights into our performance and the value we bring to every project.

MONTGOMERY COUNTY SHARED SERVICES FACILITY

***Ken Rose**
Executive Director
Montgomery County IDA
(518) 853-833

TOWN OF MARSHALL HIGHWAY DEPARTMENT GARAGE

***Michael Lahey**
Architect
March Associates
(315) 733-3344

CENTRAL UTICA MEDICAL OFFICE BUILDING

Brad Chrysler
Chief Executive Officer
Central New York Cardiology
(315) 793-1198

TOWN OF BELMONT DPW FACILITY

Anne-Marie Mahoney
Chair
Belmont DPW - Police Station Building Committee
(617) 484-0419
(617) 538-0678

**personal reference for senior project manager Gregg Grates for work with a previous employer*

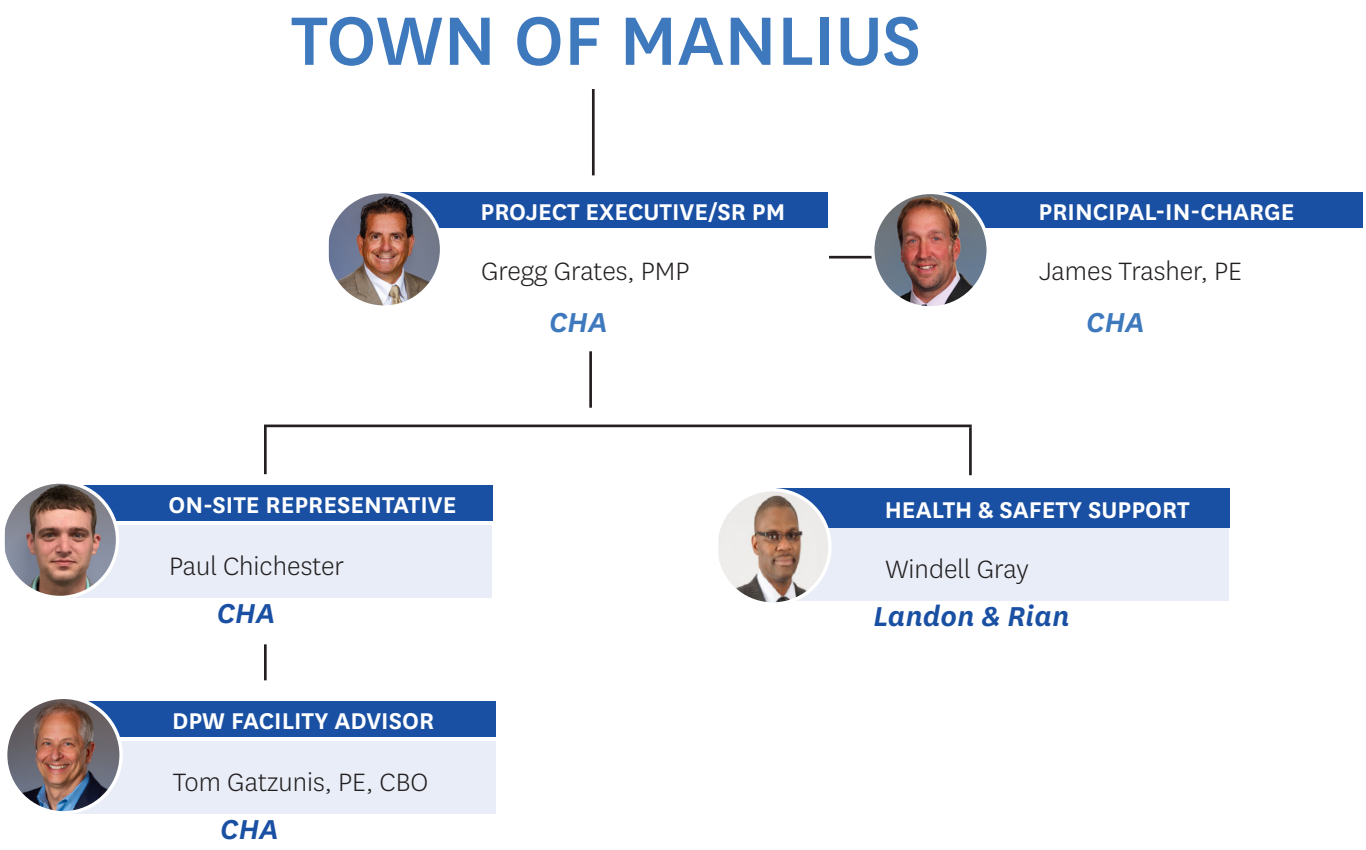
SECTION 3

CONSULTANT TEAM

CONSULTANT TEAM

Organization Chart

We have assembled a team of project managers who are well-versed in public law and who have overseen millions of dollars of municipal building construction. Supported by an in-house team of multi-disciplined engineers, architects, and support staff, we will provide unparalleled services to the Town of Manlius. James Trasher will provide executive leadership and oversight, while senior project manager, Gregg Grates, and site superintendent, Paul Chichester, will be your day-to-day contacts.



Contingency Plan

We are confident that the team we have assembled for the Town of Manlius Highway Department Garage project has adequate availability to focus on your project. Workload is closely monitored and analyzed on a daily basis. With an available PMCM team of 100 project managers, eight cost estimators, and team-wide support of over 1,900 staff, we have the readily available resources to seamlessly add support to your project if needed.

Licenses/designations are state-specific

Gregg Grates, PMP

Project Executive/Senior Project Manager

Gregg has over 39 years of experience serving as project executive, construction manager, and general contractor on new and renovation construction projects across New York State. Public and private clients have included Oneida County, City of Utica, New York State Office of General Services, Dormitory Authority of the State of New York, State University Construction Fund, Empire State Development, and McQuaid Jesuit High School. Gregg has negotiated and administered multiple PLAs, including Monroe Community College, Mohawk Valley Health Center, and SUNY Buffalo State College. Representative project experience includes:

***Town of Russia, Department of Public Works Garage.** Senior project manager providing construction management services for the design and construction of a new 30,000 SF facility with 1,000 SF of office space and radiant heat floors in the vehicle storage area. The building is pre-engineered wood system construction with insulated panels for both the walls and roof system, a parts room, a fluids storage area, and oil separators at all floor drains.

***Town of Marshall, Highway Department Garage.** Senior project manager provided construction management services for the design and construction of a new 12,000 SF facility with radiant heat floors in the vehicle storage area. The building has insulated panels for both the walls and roof system, a parts room, a fluids storage area, and oil separators at all floor drains.

***Montgomery County Department of Public Works, Shared Services Facility.** Senior project manager providing construction management services for the design and construction of a new state-of-the-art pre-engineered 37,000 SF facility. 12,000 SF houses the Montgomery County IDA and the remainder is used by the DPW. The DPW portion of the building includes administration offices, service bays, and a dedicated wash bay for both the Montgomery County Sheriff's Department and DPW with vehicle lifts equipped with all vehicle fluids overhead. The project also included a stand-alone fueling canopy and a 10,000 SF storage facility.

***Mohawk Valley Community College, Vehicle Maintenance Facility.** Senior project manager providing construction management services for the design and construction of a new, 15,000 SF, pre-engineered facility including office and administration space, vehicle storage, parts room, fluids storage area, and oil separators at all floor drains.

Applegreen, PLC, New York State Thruway Rest Area Revitalization Project. Senior project manager overseeing construction management services for a $552 million design-build project to develop 27 new rest area facilities along the New York State Thruway. As construction manager, CHA is responsible for developing procurement packages, oversight of M/WBE compliance, design review, construction administration services, and budget review.

***Municipal Housing Authority of Utica, Vehicle Maintenance Facility.** Senior project manager providing construction management services for the design and construction of a new 25,000 SF facility including office and administration space, vehicle storage area, parts room, dedicated service bay with truck lifts, and a stand-alone salt storage facility.

Education
Utica College of Syracuse University, NY, B.S. in Construction Management

Memberships and Affiliations
Project Management Professional

** performed prior to joining CHA*

***Steet Toyota, Vehicle Maintenance Garage.** Senior project manager providing construction management services for the design and construction of a new 30,000 SF prefabricated concrete wall system facility with vehicle wash bay and vehicle lifts with fluids rack system and radiant floor heat system throughout.

Central New York (CNY) Cardiology Group, Central Utica Medical Office Building. Project executive/senior project manager providing construction management services for a new 80,000 SF medical office building including an ambulatory surgical center, cardiology, medical imaging suites, physician spaces, and laboratories.

***Mohawk Valley Health Systems, Winn Hospital Campus Preconstruction Services.** Project executive/senior project manager providing preconstruction services for a new, $648 million, 670,000 SF, state-of-the-art healthcare campus in Utica, New York.

***Oneida County**

- **County Office Building, Renovations and Asbestos Abatement.** Senior project manager providing construction management services for renovation of multiple floors of the Oneida County Office Building, including asbestos abatement and interior renovations.
- **County Courthouse Renovations.** Construction management services for renovation and restoration of the 1908 building, including significant changes to courtrooms and related spaces to meet current and future needs.

***McQuaid Jesuit High School, Wegman Family Science and Technology Center.** Project executive overseeing construction management services for a new 38,000 SF ground-up, state-of-the-art STEM building with an exterior multi-level amphitheater.

***Cazenovia Central School District, Cafeteria Renovation.** Construction manager for renovations to the school cafeteria included the complete removal of the basement slab and lowering the subgrade of the basement floor for proper headroom in the new cafeteria.

***Stockbridge Valley Central School District, New K-12 School.** Construction manager for a new K-12 building and parking lots. Gregg and his team were called upon at halfway through the construction project to coordinate and monitor the construction progress and quality control. His team was able to complete the project by the original scheduled date despite being two months behind schedule when they took over.

***Madison-Oneida BOCES, Rossetti Renovation and Addition.** Construction manager for renovation to the automotive technology classrooms and an addition. Responsibilities included developing and maintaining the construction progress schedule, dust control during the demolition phase, and project closeout within a short project duration.

Aptitude Development, The Ithacan. Senior project manager providing owner's representative services for a project adding 10 floors of residential space on top of the Green Street Garage and its existing three floors of parking in Ithaca, New York. The renovated garage and new 260,000 SF building houses 200 apartments with integrated amenity spaces, including a fitness center, business center, study/conference areas, game room, and rooftop venue.

** performed prior to joining CHA*

Paul Chichester

On-Site Representative/Project Superintendent

Paul is a seasoned construction inspector with over 16 years of experience working with construction and engineering firms. He has a thorough working knowledge of New York State Department of Transportation, New York State Office of General Services, New York State Thruway, and New York Power Authority policies and procedures. Representative project experience includes:

Applegreen, PLC, NYS Thruway Rest Area Revitalization. Project superintendent/construction inspector providing construction management services for a $552 million project to build/redevelop 27 new rest area facilities along the New York State Thruway. CHA's construction management responsibilities include environmental review and permitting and oversight of demolition of existing structures at most of the rest area sites. Paul is overseeing interior fit-outs for over a dozen national quick-serve restaurant brands including Burger King, Popeye's, Shake Shack, Panera, Panda Express, Dunkin, Starbucks and more. The project is being completed in multiple phases to maintain services on the busy interstate highway.

New York State Office of General Services, Riverfront Pump Station Upgrades. Construction inspector on a $12 million marine project involving the primary cooling intake of the Empire State Plaza office complex in the Hudson River. The project involved the installation of a wedgewire screen, a 170-ton precast concrete structure, and pumping improvements for this environmentally sensitive project completed primarily from barges.

New York Power Authority/NYS Canal Corporation, Canalway Trail (Ilion to Frankfort). Construction inspector for the installation of a new $5M, 0.5 mile section of an asphaltic pavement bike path involving embankment construction, pedestrian enhancements, and a pile supported bridge structure.

City of Schenectady, Erie Boulevard Pavement and Complete Streets Project. Construction inspector for this $10 million project that included pavement preservation, new curbing and sidewalks, improved lighting, traffic calming features,new pedestrian facilities and pedestrian safety enhancements, streetscaping, and landscaping treatments.

City of Port Jervis, East Main Street over Neversink River Construction Inspection. Construction inspector providing inspection services for this $24 million complex multiple bridge and highway improvement project that involved the replacement of three bridges, total urban asphaltic pavement roadway reconstruction, over two miles of sidewalk replacement, and intersection improvements.

City of Troy, Seawall Stabilization Project. Construction inspector for a $24 million, extremely complex FEMA-funded seawall stabilization project along 3,000 linear feet of the Hudson River to improve flood protection. This project included the installation of 175 drilled 36-inch caissons in the Hudson River to facilitate the drilling of 30-inch rock sockets, installation of vertical 18-inch H piles and underwater concrete encasement; installation of 130 precast concrete panels in between the H piles including underwater concrete backfill to create new support wall in front of the existing failing seawall.

Registration and Certifications

NICET III

OSHA 10-Hour Construction Health and Safety Training

ACI Concrete Field Testing Technician - Grade 1

GPS Survey Training

NETTCP Soils Testing Certification

Windell Gray

MWBE Compliance / Safety Monitoring

Education

Syracuse University
BA, Economics, 1990

Southwestern Christian College, Terrell, Texas
AA, Bible, 1985

Training

America Contract Compliance Association (ACCA) – 2024
ECMCA

OSHA Authorized Construction Training. 30 & 10 Hour Course
OSHA Training Institute Education Center, Rochester Institute of Technology

Years of Experience

28 Years

Professional Profile

Mr. Windell Gray has more than 28 years of experience in Safety Monitoring and M/WBE & EEO Compliance & Monitoring of construction projects in Upstate New York.

SUNY Upstate Medical University to Construct New Academic Building, Safety Monitoring
Landon & Rian Enterprises, Inc.
Project Duration: 2014 to 11/2022; Project Value: $40 Million

SUNY Buffalo 20/20
M/W/D/SBE Independent Compliance
Landon & Rian Enterprises, Inc.
Client: State University Construction Fund (SUCF)
Project Duration: 2014 to 2018
Project Value: Over $200 Million
PLA Project; PLA review diversity plan with SUCF

Syracuse City Schools Modernization Program – Phase I & II
M/WBE & EEO Independent Compliance and Outreach
Landon & Rian Enterprises, Inc.
Client: City of Syracuse
Project Duration 2012 to 2023
Project Value: $430 Million (Phase 1 & 2)
PLA Project; PLA diversity negotiations

SUNY Oswego Science Building
Safety Monitoring
Landon & Rian Enterprises, Inc.
Project Duration: 2012 to 201; Project Value: $ 118 Million

College Town of Rochester
M/WBE & EEO Consultant and Outreach Services
MBE/WBE & EEO Safety Training Program
Landon and Rian Enterprises, Inc. - CEO
Project Completion: 2015; *Project Value:* $100M

SUNY East Binghamton Campus Housing - Phase 1,2,3,4 & Harper Ferry Ambulance
M/WBE & EEO Compliance and Safety Monitoring
Landon & Rian Enterprises, Inc.
Client: LeChase Construction/Dormitory Authority, State of New York
Project Completion: 2008 to Present
Project Value: $350 Million

Thomas Gatzunis, PE, CBO, MCPPO

Public Works Building Advisor

Tom has more than 35 years of experience as an engineer, building commissioner, and project manager. He joined the CHA team after serving as the Commissioner of Public Safety for the Commonwealth of Massachusetts from 2004 to 2015, where he oversaw the update and release of three editions of the state building code. Previously, Tom served for 11 years as the town engineer and building commissioner for the Town of Belmont. In his tenure with the Town of Belmont, Tom was a part of the owner's team on the building committee for the renovations to the town hall, town hall annex building, and several school buildings. Tom has been responsible for public projects throughout the northeast, of all building types and in all phases of design and construction. Representative project experience includes:

Town of Boxford, Department of Public Works Facility. Project director providing owner's project management services for the design and construction of a new state-of-the-art, 20,000 SF - 24,000 SF public works facility. The new garage will include repair bays, wash bays, vehicle storage, maintenance and administration office space, and a new fuel depot. A fabric salt shed will be relocated from the existing DPW facility.

Town of Harvard, Department of Public Works Facilities. Project director providing owner's project management services for the design and construction of multiple public works buildings, potentially including a mechanic's service garage, a DPW office 'connector' building, a six-bay storage garage, and a pole barn storage building. The town's existing DPW buildings and systems either require significant improvements to continue to serve effectively or require replacement. The intent of the DPW is to implement new construction such that it will have a service life of at least 50 years.

Town of Belmont

- **Department of Public Works and Police Station Renovations.** Senior project manager providing owner's project management services for the renovation and expansion of the historic Belmont police station and associated work at the DPW facility.
- **Fire Stations Repairs.** Senior project manager providing owner's project management services for repair projects at two of the town's fire stations to mitigate and repair damage from water infiltration issues associated with failures due to improper installation of flashing during a 2006 renovation project.
- **Belmont Middle School and High School.** Senior project manager providing owner's project management services for a 445,100 SF, $295 million CMAR building project consisting of an extensive, phased, and occupied renovation and the construction of an addition to include added facilities and incorporate grades seven and eight.
- **Skip Viglirolo Skating Rink.** Senior project manager providing owner's project management services for a $32 million CMAR building project to renovate and expand the existing 29,000 SF town skating rink facility.

Town of Marblehead, Abbot Public Library. Senior project manager providing owner's project management services for significant renovations and improvements to the existing library building.

Education
University of Massachusetts Lowell, B.S. in Civil Engineering

Registrations and Certifications
Professional Engineer: MA

Certified Building Commissioner: MA

Licensed Construction Supervisor: MA

Massachusetts Certified Public Purchasing Official for School Project Designers and Owner's Project Managers

OSHA 30-Hour Construction Health and Safety Training

Memberships and Affiliations
American Society of Civil Engineers

Massachusetts Building Commissioners & Inspectors Association

SECTION 4

FEE PROPOSAL

FEE PROPOSAL

Fee Assumptions/Clarifications:

Pre-construction Phase Services:
Our pre-construction services begin with a review of the design team's documents to-date, in conjunction with review of the initial cost estimates, to determine if the design and cost are achievable and accurate in the competitive bid market in the area. This process will lead to the next steps, which are critical in any construction project. These include a constructability/value engineering review to determine if the design elements can be performed per the intended design or if any products or design can be substituted to save money without compromising function or operations. Also important is the development of a phasing plan and a preliminary construction schedule. This schedule will be refined upon review with the successful contractors. This process will lead to the final master schedule, which will guide the project from start to closeout.

Additionally, CHA's pre-construction process includes review and development of detailed front-end specifications to be included in the contract documents so that that all bidders clearly know the requirements and their responsibilities as they relate to the overall project.

Construction Phase Services:
Our construction phase services include on-site field supervision. In order to be cost effective for the town, our construction phase fee assumes a 12-month construction schedule and is based on our field superintendent on-site for an average of three days a week, four hours per day, for approximately 12 hours per week. This can be adjusted based upon stage of construction and contractors' progress. We believe this will provide adequate coverage for construction oversight and for coordination with town officials and the project contractors.

Our project executive will administer all project meetings. These will include a weekly OAC (owner, architects, and contractors) meeting and a focused bi-monthly owners meeting to review any issues or concerns, as well as a monthly requisition/project budget review and tracking to keep the project moving forward efficiently.

If requested by the town, we also can increase staffing and onsite presence by an extra work authorization (EWA).

Post-Construction Phase Services:
Upon final completion of the project, CHA will prepare and provide a complete project closeout package, including final payment, lien releases, as-built drawings, warranties, etc.

If requested, we will also provide onsite supervision for all final HVAC, FA, and BMS systems, and training for final turnover to the Town of Manlius Highway Department.

COST PROPOSAL	AMOUNT
A. Total Direct Labor for Pre-Construction Phase Services	$18,058.00
B. Total Direct Labor for Construction Phase Services	$167,967.00
C. Total Direct Labor for Post-Construction Phase Services	$12,629.00
D. Reimbursable Expenses *(please see all items and costs on the detailed breakdown sheet)*	$7,500.00
TOTAL FEE:	**$206,154.00**
Note: *- Escalation on wage rates of 3% yearly.* *- Assumes project construction cost of $5 million.*	

Town of Manlius Highway Department Garage

Staffing Fee Breakdown

SALARY SCHEDULE

	STAFFING DATA FOR ALL PHASES			PRE-CONSTRUCTION PHASE				CONSTRUCTION PHASE				POST-CONSTRUCTION PHASE				TOTAL STAFFING COST	
POSITION	NAME OF PERSONNEL	% OF TIME	NAME OF SUB (IF USED)	HOURLY RATE	OFFICE OVERHEAD MULTIPLIER	HOURS	TOTAL DOLLAR AMOUNT	HOURLY RATE	OFFICE OVERHEAD MULTIPLIER	HOURS	TOTAL DOLLAR AMOUNT	HOURLY RATE	OFFICE OVERHEAD MULTIPLIER	HOURS	TOTAL DOLLAR AMOUNT	GRAND TOTAL HOURS	GRAND TOTAL $
Project Executive/ Senior PM	Gregg Grates	10%	CHA	$102.60	2.20	80	$18,057.60	$102.60	2.20	288	$65,007.36	$102.60	2.20	40	$9,028.80	408	$92,093.76
Project Superintendent	Paul Chichester	30%	CHA	$75.00	2.20	00	$0.00	$75.00	2.20	624	$102,960.00	$75.00	2.20	20	$3,600.00	644	$106,560.00
Project Engineer			CHA	$45.00	2.20	0	$0.00	$45.00	2.20	0	$0.00	$45.00	2.20	0	$0.00	0	$0.00
Project Scheduler			CHA	$56.00	2.20	0	$0.00	$56.00	2.20	0	$0.00	$56.00	2.20	0	$0.00	0	$0.00
Safety Manager			L&R	$60.00	2.20	0	$0.00	$60.00	2.20	0	$0.00	$60.00	2.20	0	$0.00	0	$0.00

Note: On-site Staffing is based on 12 months of CM Services (4 hours per day, 3 days per week)

Reimbursable Expenses			
Field Office Allowance (Trailer Rental)	-	Total Direct Labor Fee:	**$198,654**
Field Office Mobilization	-	Total Reimburseables:	**$7,500**
Office Internet/Supplies/Computers	-		
Portable Toilets	-		
Mileage/Tolls	$7,500		
TOTAL:	**$7,500**	**TOTAL FEE:**	**$206,154**

CHA CONSULTING, INC. - SALARY SCHEDULE				
JOB TITLE	CURRENT YEAR AVERAGE HOURLY RATE (2024)	PROJECT MID-POINT AVERAGE HOURLY RATE (2025)	FINAL YEAR MAXIMUM HOURLY RATE (2026)	OVERTIME CATEGORY
Principal	$272.18	-	-	A
MWBE Compliance	$89.17	$93.68	$98.43	A
Senior Estimator	$104.90	$110.21	$115.79	A
Estimator	$104.90	$110.21	$115.79	A
Project Executive	$246.24	$258.71	$271.80	A
Senior Project Manager	$246.24	$258.71	$271.80	A
Project Superintendent CHA	$109.27	$114.80	$120.61	A
Project Superintendent L&R (if required)	$131.13	$137.77	$144.74	A
Project Engineer	$108.00	$113.47	$119.21	B
Scheduler	$131.13	$137.77	$144.74	C
Safety	$141.62	$148.79	$156.32	C
MEP Inspector	$288.00	$302.58	$317.90	C
Testing/Monitoring/SI	$157.34	$165.31	$173.67	C

Overtime Policy (Example):
Category A: No OT
Category B: OT at straight time rate for hours worked in excess of 40 per week
Category C: OT at 1.50 times straight time rate for hours worked in excess of 40 per week

Direct Labor Rates (Loaded) Shown above w/Multiplier included

PREPARED FOR:

Robert A. Cushing
Superintendent of Highways
Town of Manlius
Town Hall
301 Brooklea Drive
Fayetteville, NY 13066

FOR MORE INFORMATION CONTACT:

James Trasher, PE
Principal-in-Charge | Syracuse Office Team Leader
CHA Consulting, Inc.
One Park Place
300 South State Street
Suite 600
Syracuse, NY 13202
(315) 471-3920
jtrasher@chasolutions.com

Schopfer Architects LLP

David A. Schlosser, AIA
Robert J. Seigart, AIA, LEED AP

Town of Manlius Highway Department
Renovations & Additions to the Highway Dept Garage

Comments and Recommendations on CM Proposals
November 25, 2024
Updated 12/6/24 After CM Interviews

COMMENTS:

1. **CHA**
   a. Very experienced in CM and municipal CM work (especially highway garages)
   b. Large company with deep personnel resources
   c. They have paid attention to our additions and renovation program. They acknowledged flood plain mitigation as integral to the project.
   d. They understand that collaboration and coordination are keys to successful projects.
   e. Very comprehensive pre-construction, construction period, & post-construction services
   f. Their team:
      1) Project Executive/Manager: Gregg appears to be very experienced
      2) On-Site Representative: Paul appears to be an experienced construction inspector; most of his projects he is listed as inspector, not superintendent or CM.
      3) Safety Monitor: It's good to have one, but not absolutely critical
      4) Public Works Building Advisor: Tom has a lot of experience; a great resource.
   g. Provided 4 references
   h. Project Management software: Not mentioned
   i. Hours per week (approx.), assuming 1 month of Pre-Con and 12 months of Construction, with the final month of construction being Post-Construction):
      1) Pre-Construction:
         PE/PM: 20
         Total: 20 hours/week during 1-month pre-construction phase
      2) Construction & Post-Construction:
         PE/PM: 6
         Site Sup: 12
         Total: 18 hours/week during 12-month construction phase
   j. Fees: 4.6%, which seems about right for this project.
      1) $18,058 PRE-CONSTRUCTION
      2) $167,967 CONSTRUCTION
      3) $12,629 POST-CONSTRUCTION
      4) $7,500 REIMBURSABLES
      5) $206,154 TOTAL

k. Questions:
   1) Has this team worked together before? Yes.
   2) CHA has contacts at the DEC and at most state agencies.
   3) CHA is very familiar with building in the flood plain.
   4) Is the team local? Yes.
   5) Is it fair to say the site superintendent is responsible for inspecting the work, observing contractors, quality control, & documenting progress while the PM is responsible for running meetings and for communication and collaboration with contractors, owner, and architect? Yes
   6) One way they keep track of contractors on a job is to have them call in to the PM each morning when they arrive at the site to report in.
   7) I don't see any hours for clerical/admin, estimating, Public Works Advisor, or Safety Manager. Are they part of the project team? Gregg does most of the PM work, including pre-construction, but is supported by their office staff.
   8) They can be flexible with their hours (putting in more hours when the project needs it, less when not much is going on). They feel that the CM work for this project can be successfully done part time, as they proposed; but they are also willing and able to put in more hours if the Town decides it is needed.
   9) Is CHA using a project management software? Yes, Procore.
   10) They also suggested using an on-site camera to allow Town leaders (and maybe residents), architect, and CM to keep up-to-date on construction progress .

2. VIP

a. Lots of experience, but all projects appear to be design/build. I don't see any projects where they are the CM and not the builder.
b. I don't see any municipal experience.
c. Medium size company
d. Not much attention to our additions and renovation program
e. Basic pre-construction and construction period services listed.
f. Their team: Dave Urciuoli; no information on any other team members; frankly, I don't see Dave climbing in and out of excavations or climbing on scaffolding.
g. No references
h. Project management software: Unknown
i. Hours per week: Maybe 50-60 hours/week for 1 month of pre-con; 20-24 hours/week for 12 months of construction. On-site hours: unknown
j. Fees: 6%, which is not unreasonable for this project
   1) $45,000 PRE-CONSTRUCTION
   2) $225,000 CONSTRUCTION & POST-CONSTRUCTION
   3) $270,000 TOTAL
k. Questions:
   1) VIP's CM experience as an advisor (not as a builder), especially municipal projects? Not a lot.
   2) Dave's CM experience as an advisor? Dave has done many CM as advisor projects, most notably the JMA Wireless project, which was in a flood plain and on piles. But he has only been at VIP for 1½ years.
   3) Any staff other than Dave? Yes; Jim Herr and his team will be responsible for preconstruction services and VE; a part time assistant PM in the field; office clerical support; and Dave Enwright, safety manager and 34-year superintendent who will stop by the sight frequently.
   4) On-Site presence (hours/days)? Part-time, as needed, flexible hours (his schedule can be flexible). May stop in each morning; also will be there during concrete pours, steel erection, etc. Will verify and call if a contractor is supposed to be on site and doesn't show up.
   5) They can be flexible with the PM and CM hours to meet the needs of the project.
   6) How many hours do they expect to spend on this project (pre-construction vs. construction; on-site vs off-site) They figured the project to be part time, but without an exact count of hours.

7) Can they provide more details on services to be provided? Jim and Dave will prepare site logistics and sequencing drawings, coordinating closely with the Highway Dept. Dave will run meetings and handle coordination with owner, architect, and contractors. See 3 and 4 above for add'l info.
8) References? Just a list of projects/clients.
9) Is VIP using project management software? No. They use Vista Viewpoint within their office but do not have a PM platform.

3. Miller Engineering

a. Not a lot of info provided on CM experience
b. Small company
c. Limited pre-construction and construction services; no cost estimating or schedule preparation
d. Construction period services sound like more of a clerk of the works or construction inspector than of a CM. Their focus is on compliance with specs and drawings. I don't see any mention of coordination and meetings, which should be of utmost importance
e. Other than brief summaries of 3 projects, no details provided regarding Doug's and Dan's experience (names and descriptions of projects; engineer's scope of services)
f. 2 references provided
g. On-site hours/presence: unknown; maybe 11-15 hours/week
h. Fees: 2.4%, which seems a little light for this project
   1) Assuming a 12-month project: $9,000/month = $108,000
i. Questions:
   1) CM experience? Resumes list municipal clients and services, but there are no specifics on projects and scope of services provided.
   2) Who attends meetings and prepares meeting minutes?
   3) On-site presence (hours/days)?
   4) Who coordinates contractors and keeps track of schedule and cost?
   5) For the 3 representative projects listed, what were Miller's responsibilities?

4. C&S Companies

a. Very experienced in CM and municipal CM work
b. Large company with deep personnel resources
c. They understand that communication is a critical key to a successful project
d. Very comprehensive pre-construction services, construction period services, & post-construction services
e. Their Team:
   1) Project Executive: Very experienced; not sure how much involvement he will have
   2) Project manager: 12 years CM experience; most experience is with previous employers
   3) CM: 10 years construction experience as estimator, PM, CM, and site supervisor; amount of actual CM experience is questionable.
   4) Project Coordinator: Lots of project experience
f. Provided lots of references
g. Project Management software is Procore.
h. Hours per week (approx.), assuming 1 month of Pre-Con and 12 months of Construction, with the final month of construction being Post-Con):
   1) Pre-construction:
      PE: 20
      PM: 40
      Total: **60 hours/week;** this is unrealistically high for our schedule.

2) Construction & Post-Construction:

PE:	2
PM:	16
CM:	40
PC:	6
Total:	**64 hours/week;** this is way more than the project needs.

i. Fees: 10.2%, which seems very heavy for this project

1)	$48,051	PRE-CONSTRUCTION
2)	$409.990	CONSTRUCTION
3)	$458,041	TOTAL

j. Questions:

1) Has this team worked together before? Yes, on several projects.
2) Don was at VIP before C&S; he has a lot of metal building experience and is good with scheduling. Brien was at PAC (in Oswego) before C&S;he has a lot of experience with inspections and coordinating with owners.
3) Is the team local? Yes.
4) Who is responsible for dealing with coordination, schedule, and manpower issues in the field? Coordination with owner and architect? CM deals with on-site documentation (daily construction logs), coordination with owner, coordination between trades, and quality control. PM deals with meetings, coordination with owner, architect, and contractors, keeping track of project schedule.
5) The PE would do most of the pre-construction work (drawing and spec review and recommendations; development of phasing and logistics plans), with assistance from the PM.
6) Would they consider doing this project with greatly reduced hours? They don't recommend it. They said they would provide whatever level of support that we want, including working T&M, but they feel that, to do the job right, full time field presence will be necessary.
7) Is it fair to say the CM is responsible for inspecting the work, observing contractors, & documenting progress while the PM is responsible for communication and collaboration with contractors, owner, and architect? Yes, but see 3, above.
8) They don't really have experience building in flood plains.
9) The PE did most of the talking during the interview. The PM added a few comments. The CM did not attend.

RECOMMENDATIONS:

1. Municipal projects with multiple prime contractors usually work best with a team approach, where there is close coordination between contractors, CM, architect/engineer, and owner. The CM plays the central role in this team, organizing the project, setting the schedule, and coordinating with all team members. Because of the critical nature of this role, we feel it is important to meet with the best qualified CMs before making a final selection, to ensure that there is an atmosphere of collaboration, open communication, and trust.

2. We recommend meeting with at least our top 2 choices before making a final selection, but because there are only 4 CMs in contention, we could easily interview all 4 if you prefer. Each of the CMs has their strengths and weaknesses.

3. The following is our ranking of the CMs, from highly recommended to least recommended:
   a. CHA: They have the most municipal CM experience (including a lot of highway garages); their team is experienced and knowledgeable; this was the best proposal—they paid attention to detail and made a concerted effort to tailor their proposal to this project; and their hours and fee seem appropriate for this project. After the interviews, CHA is still our first choice. Their PM took charge of the interview and answered most of the questions. They believe in the team approach. They use an excellent PM software and have a lot of good ideas for managing the project. They believe that this can be a successful project with a part-time CM but are willing to increase their hours (at a cost) if the project needs it.

   b. C&S: They have a lot of CM experience, much of it municipal; their team is experienced, although I would still say CHA's is better; their proposal was very good and thorough; but their hours and fees seem very excessive for this project. If their hours were comparable to CHA's I think their fees would be competitive, but I don't know if they are comfortable being a "part-time" CM (their proposal is for full-time on-site supervision). Although C&S said that they will provide whatever level of support the Town wants, they believe that, to be successful, this project will require a full-time CM. If we hired them part-time, I think there would be constant requests to increase their hours (and fees). They are a very good company, but they are used to doing full-time CM work. The PE did most of the talking during the interview, while the PM said little; I like to hear primarily from the PM, as they are the ones who run the project during construction.

   c. VIP: They have a lot of CM experience, but as the contractor, not as an advisor; they don't appear to have municipal experience; the team is slim (1 person); the fee is calculated on a % basis not on hours, so it is hard to tell whether they know what effort is necessary, but, working backwards, the estimated hours are reasonable; the fee is a little high, but not unreasonable. They really don't have a lot of municipal CM as advisor experience, especially not highway garages. Their PM has a lot of CM experience, but he's only been with VIP 1½ years; they have not selected a CM (person in the field). They don't have any PM software. On the plus side, they are flexible to work with in terms of schedule and hours.

   d. Miller: They have project experience and municipal experience, but we don't know what type of projects or what their responsibilities; it doesn't look like they have CM experience as an advisor; their pre-construction, construction, and post-construction services are minimal, and don't appear to include coordinating the work of the multiple primes, cost estimating, or preparation of a schedule; they don't provide hourly rates, but at $150-$200/hour, they would be providing 11-15 hours/week, which seems low.

INTRODUCTION

This Agreement is made this _____ day of January 2025 by and

between: ("Owner")

and: Miller Engineers
131 West Seneca Street
Suite B
Manlius, NY 13104 ("Engineer")

RECITALS

WHEREAS Owner is Town of Manlius, New York

WHEREAS Engineer is engaged in the business of providing professional Engineering, scientific and consulting services to public and private clients (Owner).

Owner desires to retain Engineer as an independent contractor and Engineer desires to be so retained by Owner to render services in accordance with the following terms and conditions.

NOW, THEREFORE, Owner and Engineer agree as follows.

TERMS AND CONDITIONS

Article 1 – Scope of Services

Owner hereby retains Engineer to perform services ('the work") as requested by Owner and as specified in the Statement of Scope of Services and Cost which is attached as Schedule A which when authorized representatives of the Owner through issuance of a Purchase Order, shall become a part of this Agreement.

Article 2 – Compensation

Owner shall pay Engineer compensation for the services rendered as set forth in Schedule A using hourly rates as set forth in Schedule B.

Article 3 – Payment

Engineer shall submit payment invoices to Owner during the accounting period following that in which the costs are incurred or entered into the Engineer's accounts. Payment by the Owner shall be made within 30 days following receipt of the invoice. Payments received later than 30 days following receipt shall be subject to service charges of 1.5% per month.

Article 4 – Termination/Suspension

Owner or Engineer shall have the right to terminate Engineer's services or abandon or suspend any of the work under this Agreement at any time, for any reason so long as Owner or Engineer receives 60 days prior written notice. In the event of termination, abandonment, or postponement by the Owner at any time prior to completion of the work, the amount due and payable under Article 2 at the time shall represent the complete and final payment to Engineer under this Agreement and Owner shall have no further obligation to Engineer. In the event that the work is suspended by the Owner for more than 60 days, Engineer's compensation for completing the work shall be subject to renegotiation.

Article 5 – Additional Services

If the Owner desires additional services by Engineer, an amended Schedule A shall be prepared and signed by Owner and Engineer.

Article 6 – Assignment

Engineer shall not assign any interest in this Agreement without written consent by Owner.

Article 7 – Owner to Secure Approvals

The Owner shall secure any approvals from affected landowners or other parties which may be required for Engineer to perform the work under this Agreement.

Article 8 – Owner to Provide Information

Owner, in a timely manner, shall provide Engineer with information which is necessary for Engineer to perform the work.

Article 9 – Ownership of Work Products

All notes, memoranda, drawings, designs, specifications, reports and copies thereof prepared by Engineer shall become Owner's property when the work is complete, and Engineer is paid for the services under this Agreement. All documents including Drawings and Specifications prepared by Engineer pursuant to this Agreement are instruments of service with respect to the Project. Such documents are not intended or represented to be suitable for reuse by Owner or others on extensions of the Project or on any other project.

Any reuse without written approval or adaptation by Engineer for the specific purpose intended will be at the Owner's sole risk and without liability or legal exposure to Engineer; and Owner shall indemnify, defend, and hold harmless Engineer from all claims, damages, losses, and expenses including attorneys' fees arising out of or resulting therefrom. Any such verification or adaptation requested by Owner will entitle Engineer to further compensation at rates to be agreed upon by Owner and Engineer.

Article 10 – Patents

Without Owner's prior written approval neither Engineer nor its subcontractors will use or designate for use in connection with the work, any patented or patent-pending article, method or device which involves or requires payment of any license, fee or royalty in addition to the purchase price, and Engineer agrees to indemnify Owner against any cost or expense incurred in the connection with the payment for such license, fee, or royalty in the event the Owner's prior approval is not obtained. The provision of this article shall survive the performance of this Agreement.

Article 11 – Confidentiality

To provide the services under this Agreement, it may be necessary for the Owner to disclose certain confidential information to Engineer and for Engineer to disclose certain confidential information to Owner. All confidential information shall be designated in writing as "confidential" by clear marking. In addition, any and all oral communications between Owner and Engineer in furtherance of this Agreement shall be presumed to be confidential information.

Each party agrees not to disclose any confidential information to any third party unless:

(a) disclosure is required by law and, if so, advance written notice of disclosure is given.
(b) the information was actually and demonstrably known to the disclosing party before it was obtained from or developed in cooperation with the other party.
(c) the information is or becomes available to the public in general through a widely disseminated publication where such publication does not arise directly or indirectly from the breach of any obligation of secrecy to either of the parties to this Agreement.
(d) the information is obtained or acquired by the disclosing party in good faith from a third party who acquired it in good faith and was not under any direct or indirect obligation of secrecy to the other party or:
(e) a written release is obtained by the Engineer from the Owner.

The provisions of this article shall survive the performance of this Agreement. Furthermore, the provisions of this Article apply to any confidential information exchange between the parties prior to and including the date of this Agreement.

Article 12 – Insurance

Engineer shall carry and maintain the following insurance, evidence of which will be provided to Owner, on request:

(a) Worker's Compensation and disability benefits covering Engineer's employees or agents as required by law.
(b) Commercial General and Employer's Liability, including premises and operations, products and completed operations, contractual liability, broad form property damage, independent contractors and personal injury written on an occurrence basis - $1,000,000.00 each occurrence, $1,000,000.00 aggregate.
(c) Automobile Liability - $ 1,000,000.00 combined single limit bodily injury and property damage covering motor vehicles owned, non-owned, hired or otherwise used by, or furnished for, or used in connection with, the services under this agreement.
(d) Professional Liability and errors and omissions coverage - $ 1,000,000.00 for all professional services to be provided by Engineer under this Agreement.

Article 13 – Indemnification

Engineer shall indemnify, hold harmless and defend Owner from and against all claims, damages, losses, judgments, and expenses, including but not limited to reasonable attorney's fees, arising from, or related to Engineer's services under this Agreement to the extent caused by any negligent or culpable act or omission of Engineer or the Engineer's Subcontractor(s). In the event the claims, damages, losses, judgments, and expenses, including but not limited to reasonable attorney's fees, are caused by the Owner's negligence, Owner shall fully indemnify and hold harmless Engineer. In the event the claims, damages, losses, judgments, and expenses, including but not limited to reasonable attorney's fees, are the result of the negligence of both the Owner and Engineer, or its Subcontractor, Owner and Engineer shall be liable to the extent or degree of their respective negligence, as determined by mutual agreement of Owner and Engineer or as determined by adjudication of comparative negligence.

Article 14 – Status

In the performance of this Agreement, Engineer shall be an independent contractor, and employees or agents of Engineer shall not be deemed to be employees of Owner.

Article 15 – Non-discrimination

Engineer shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, sexual preference, or national origin and it agrees to comply with all laws or ordinances relating thereto, and all orders, rules and regulations issued pursuant thereto including, without limitation, Executive Order 11246 (as amended by Order 11375). Engineer further agrees to comply with Executive orders 11701 (Employment of Veterans) and 11758 (Employment of Handicapped). If any of the aforementioned laws, ordinances, orders, rules, or regulations require any particular provision, representation, or agreement to be set forth in this Agreement, the same is hereby incorporated by reference as if it were fully written.

Article 16 – Notices

The Engineer agrees to accept service of process in any action by Owner or Owner against the Engineer arising out of this Agreement, by certified mail to the address as designated below.

All notices required or permitted under this Agreement shall be in writing and shall be served either personally or by certified mail, return receipt requested, addressed to the party's address as set forth in this Agreement, or to such other address as party may be later designate by written notice. All notices shall be effective upon receipt.

Owner: Owner

Engineer: Miller Engineers
131 West Seneca Street
Suite B
Manlius, NY 13104

Article 17 – Force Majeure

Any delay in or failure of performance of, either party to this Agreement shall not constitute a default nor give rise to any claim for damage, if and to the extent such delay or failure is caused by occurrences beyond the control of the party affected, including but not limited to, acts of God or the public enemy, expropriation or confiscation of facilities or compliance with any order or request of governmental authority, affecting to a degree not presently existing, the supply, availability , or use of personnel or equipment, acts of war, public disorder, insurrection, rebellion, sabotage, flood, riot, strikes or any causes a party unable , with reasonable diligence, to prevent. A party who is prevented from performing for any reason shall immediately notify the other party in writing of the reason for the non-performance and the anticipated extent of any delay.

Article 18 – Entire Agreement

This Agreement contains the entire agreement between the Parties and supercedes all prior negotiations, whether written or oral. This agreement may be changed only in writing signed by the party against whom the change is sought to be enforced.

Article 19 – Binding Effect

This Agreement shall inure to the benefit of and be binding upon the party's successors or assigns.

Article 20- Governing Law

This Agreement shall be governed and interpreted pursuant to the laws of the State of New York.

Article 21 – Waiver

The failure of either party to insist upon strict performance of any term of this Agreement shall not be deemed a waiver of any rights or remedies that such party may have for any subsequent breach, default, or nonperformance and either party's rights and remedies shall not be affected by any previous waiver or course of dealing.

The foregoing is established by the following signatures.

OWNER

BY: _____ BY: _____

TITLE: _____ TITLE: _____

DATE: _____ DATE: _____

Attachments: Schedule A – Statement of Scope of Services
Schedule B - Rate Table

SCHEDULE A

MILLER
ENGINEERS

November 11, 2024

Town of Manlius
301 Brooklea Drive
Manlius, New York 13066

Re: Town Planning Board Engineering Services

Miller Engineers is pleased to present the following scope of work for Town of Manlius Planning Board Engineering Services.

Scope of Work Basic Services

Services under this proposed scope of work generally include attendance at regularly scheduled Planning Board meetings, agenda meetings, public hearings, project site visits, plan reviews, stormwater reviews, utility access/coordination (including but not limited to: OCWA,OCDWEP, National Grid - gas and electric), detailed regulatory interaction - coordination and site visits, soil and geology assessments, siting issues, road construction, cut and fill management, SWPPP requirements, project/applicant coordination and assistance, code interpretation, Town Highway coordination and assistance, interaction with Town staff, Onondaga county referrals, constituent interaction, potential applicant requests and clarifications, and all meeting preparations. In addition to items listed above, the Town of Manlius has requested services for the following specific scope of items:

Site Plan Application Review

a. Coordinate with planning staff and Planning Board attorney for Planning Board Meeting.
b. Review site plan to ensure compliance with Town code.
c. GML-239 assistance to clerk.
d. Review studies and/or other submittals of applicant in support of site plan (i.e., traffic studies, SWPP, sewer and water capacity issues).
e. Support Planning Board attorney on SEQR determination.
f. Coordinate with Town Engineer upon approval by Planning Board as needed.
g. Perform engineering and survey calculations related to Civil Engineering principles and practices.

Design Review Assistance

These services will be provided upon request of the planning board and is anticipated for larger scale projects.

a. Meet with the applicant to review initial concept plans of proposed projects and provide verbal comments.
b. Review subsequent project submissions and provide written comments or develop revised conceptual plans that are more consistent with the Town's vision for the site.
c. Attend staff or Board Meetings as needed.

Subdivision

a. Coordinate with planning staff and Planning Board attorney for Planning Board Meeting.
b. Review subdivision plan to ensure compliance with the Town code.
c. GML-239 assistance to clerk.
d. Review studies and/or other submittals of applicants in support of subdivision plan (i.e., traffic studies, SWPP, sewer and water capacity issues).
e. Support Planning Board attorney on SEQR determination.
f. Coordinate with Town Engineer upon approval by Planning Board as needed.
g. Road profile review.
h. Easement (utility and water) placement on subdivision.
i. Perform engineering and survey calculations related to Civil Engineering principles and practices.
j. Coordinate highway agreements with Highway Superintendent and Town Clerk.

Special Permits

a. Coordinate with planning staff and Planning Board attorney for Planning Board Meeting.
b. Review site plan to ensure compliance with Town code.
c. GML-239 assistance to clerk.
d. Review studies and/or other submittals of applicant in support of site plan (i.e., traffic studies, SWPPP, sewer and water capacity issues) with appropriate Town Officials.
e. Support Planning Board attorney on SEQR determination.
f. Coordinate with Town Engineer upon approval by Planning Board as needed.
g. Road profile review.
h. Easement (utility and water) placement on subdivision.

Planning Board/Planning & Development Coordination

a. Interpretation of zoning questions and documentation of same.
b. Initial review of project submissions received by applicants, scheduling of meetings if required.
c. Assistance with building life safety issues and coordination with local fire departments, Onondaga County Plumbing Control, Onondaga County Health Department, OCWA and National Grid .
d. Assistance with planning board project approvals during construction activity to certify projects for Town acceptance of infrastructure with Codes officer and Highway Superintendent.
e. Review and approval of site specific SWPPP's including coordination of NOI and NOT with Codes Officer and Highway Superintendent.
f. Flood zone/Hazard mitigation assistance.

Scope of Work Advanced Planning Activities

Miller, through its existing relationship with John Steinmetz and the team at Colliers proposes to provide these services on an as needed basis as requested. We understand there may be a desire to focus on drafting Design Guidelines and other regulatory techniques to achieve the desired development pattern in the Town. Services are anticipated to include items such as:

- Review Board Training
- Community & regional master plans
- Planned Urban Development Projects
- Community revitalization plans
- Community visioning & public outreach
- Conservation plans
- Corridor analysis
- Design workshops/charrettes
- Development application planning & zoning reviews
- Revitalization & streetscapes
- Form based codes

www.Millerengineers.com 131 W Seneca Street Suite B Manlius, New York 13104

- GIS mapping & analysis
- Grant applications/writing
- Design Guidelines
- Applicant Checklists
- Trails & open space
- Regional master plan conformance
- Land planning & design
- Park system planning
- Zoning & ordinance updates
- Retail market analysis
- Sign ordinances
- Greenway studies
- Special improvement districts
- Sustainable economic development plans
- Recreation & open space master plans
- Regional farmland analysis
- Plazas, public spaces & public art

As the needs arise, we propose scope assignments and use a developer deposit reimbursement model where appropriate. Resumes of our key partnering members are attached along with a proposed fee schedule for these services. Our partners at Colliers are nationally renowned and bring a local familiarity with activities in Onondaga County and the surrounding area. The Miller/Colliers relationship has been in play with the communities of DeWitt, NY; Granby, NY; and informally with the Town of Manlius for several years.

We will provide these services on an hourly basis and in accordance with the terms and rates of our Rate Table - "Schedule B" attached herewith - and will also continue to provide 24/7 on-call services for the Town as required. We suggest budgeting approximately $60,000 for Advanced Planning Activities. We also will plan to meet with you to better determine specific activities to best coordinate our efforts with you to advance your vision for the community. Please visit our website at www.millerengineers.com and contact me at 315-558-8417 with any questions you may have.

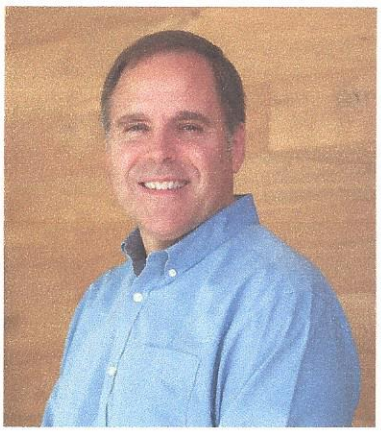
Very truly yours,

MILLER ENGINEERS
Douglas A Miller, P.E.

SIGNATURE AUTHORIZATION

TOWN OF MANLIUS

www.Millerengineers.com 131 W Seneca Street Suite B Manlius, New York 13104



John Steinmetz, FAICP

Regional Discipline Leader | Planning

Mr. Steinmetz, FAICP is a certified community planner with over 25 years of experience. John was born and raised in Upstate New York and is an avid cyclist. He has worked on a wide range of planning and community development projects including but not limited to comprehensive plans, regulatory updates, farmland protection plans, active transportation studies, and waterfront and downtown revitalization efforts. His planning and zoning experience has provided him with an understanding of the issues facing towns, villages, and cities of various sizes. His expertise in public participation ensures a process and a product that reflects the values of local residents and business owners.

Education
Bachelors of City Planning, University of Virginia

Main Street Institute, National Trust for Historic Preservation

Affiliations & Memberships
College of Fellows, American Institute of Certified Planners (FAICP)

American Institute of Certified Planners (AICP)

American Planning Association (APA)

NY Upstate Chapter (APA)

Key Projects

Joint Comprehensive Plan & Code Updates
City of Lockport, Town of Cicero, & Village of Pittsford, NY

Joint Comprehensive Plans
Town of Riga & Village of Churchville, NY
Town of East Bloomfield & Village of Bloomfield, NY
Town of Manchester, Villages of Manchester, Shortsville & Clifton Springs, NY

Joint Code Updates
Town of Union & Villages of Endicott & Johnson City, NY
Villages of Clifton Springs & Shortsville, NY

City Comprehensive Plans
Rochester, Oswego, Fulton, & Amsterdam, NY

City Zoning Code Updates
Rochester & Cortland, NY

Village Comprehensive Plans
Avon, Honeoye Falls, Penn Yan, Sherman, & LeRoy, NY

Village Zoning Code Updates
Attica, Avon, Bergen, Churchville, Hamburg, Honeoye Falls, East Aurora, LeRoy, Scottsville, & Watkins Glen, NY

Town Comprehensive Plans
Avon, Brighton, Clarence, Clarkson, Hume, Greece, LeRoy, Ogden, Niagara, Pavilion, Penfield, & West Seneca, NY

Town Zoning Code Updates
Manchester, Geneseo, LeRoy, Tonawanda, York, & West Seneca, NY

Development Review Assistance
Village of Pittsford, Town of Avon, City of Rochester, NY

SCHEDULE B

TOWN OF MANLIUS

2024/25 RATE TABLE

MILLER ENGINEERS – MANLIUS, NY

Travel: mileage .....at IRS published rates

Subsistence..... at cost

Telephone, outside printing, postage, etc. ..... at cost

Sampling – equipment .....at cost plus 10%

Outside specialty services .....at cost plus 10%

Expert testimony.....$2,500 per day

Category	Billing Rate $/Hour
Senior Technical Director	$260.00
Technical Director	$230.00
Senior Project Specialist	$205.00
Senior Principal	$179.00
Technical Specialist	$175.00
Senior Consultant	$172.00
Senior Data Technician	$150.00
Senior Professional Engineer	$148.00
Project Specialist	$143.00
Technical Assistant	$140.00
Professional Engineer	$129.00

In addition to these fees, clients will also be responsible for any sales tax that may apply to professional services performed

Town of Manlius Police Department

Memorandum

Date: December 11, 2024
To: File
From: Captain JT Slater
Regarding: TMPD Auction Inventory

APPROVED
jmc 12/11/24
@12:37pm

TOT Board for approval.

In compliance with Town of Manlius Police Department General Order #203, "Fiscal Management" and NYS law, the property listed on this inventory is no longer needed or suitable for department use. Therefore, the listed items shall be removed from the departments fixed asset inventory (if applicable) and auctioned.

Item #	Description	Quantity
1.	Set of 4 firestone tires, all approx. 8/32 remaining	1
2.	Set of 4 firestone tires, all approx. 8/32 remaining	1
3.	Storage unit (Truck Vault) , 36" deep by 48" wide by 21" tall	1
4.	Brush guard for 2013-2024 Ram 1500 Classic	1
5.	Large wooden table	1
6.	Desk overhead unit	1
7.	Metal storage unit for back of Tahoe	1
8.	Front partition for 2013-2024 Ram Classic	1
9.	Window bars for above Ram	1
10.	Rear partition for 2016-2019 Explorer	1
11.	Front partition for above Explorer	2
12.	NYVIP 2 Inspection System	1
13.	Federal Argent lightbars	2
14.	Box of bodycameras with chargers, docks, etc	
15.	Keyboards and mice for computer	
16.	2 monitors for computer	
17.	Office chair	1
18.		
19.		
20.		

expires 12-31-17

COPY

IN THE MATTER

Of

The Application of T.H. Kinsella, Inc. for a a Natural Resource Removal Permit Pursuant to Chapter 155, Article III, Section 155-19, of the Code of the Town of Manlius.

RESOLUTION GRANTING A NATURAL RESOURCE REMOVAL PERMIT

The **TOWN BOARD OF THE TOWN OF MANLIUS**, in the County of Onondaga, State of New York, met in regular session at the Town Hall in the Town of Manlius, located at 301 Brooklea Drive in the Village of Fayetteville, County of Onondaga, State of New York, on the 14th day of December, 2011 at 7:00 p.m.

The meeting was called to order by Edmond J. Theobald, Supervisor, and the following were present, namely:

Edmond J. Theobald	Supervisor
Vincent Giordano	Councilor
Karen Green	Councilor
John R. Loeffler	Councilor
David M. Marnell, Sr.	Councilor
Nicholas J. Marzola	Councilor
Sandra Schepp	Councilor

Absent: None

The following resolution was moved, seconded and adopted:

WHEREAS, application has been made to the Town Board of the Town of Manlius to renew a Natural Resource Removal Permit in a "Natural Resource Removal District"

for the purpose of allowing the Applicant to continue its quarrying or natural resource removal operations within the Town of Manlius on certain premises described as follows:

> "ALL THAT TRACT OR PARCEL OF LAND", situated in the Town of Manlius, County of Onondaga arid State of New York, being part of Farm Lots 67, 68, 77, and 78 in said Town bounded and described as follows:
>
> Beginning at the intersection of the centerline of Salt Springs Road and Townsend Road;
>
> Thence (1) from the above point of beginning S 71-44-30 W along the centerline of Salt Springs Road a distance of 899.00 feet to a point;
>
> Thence (2) N 17-44-20 W a distance of 282.62 feet to a point;
>
> Thence (3) S 71-44-30 W a distance of 421.13 feet to a point;
>
> Thence (4) N 00-14-00 E a distance of 2155.49 feet to a point;
>
> Thence (5) N 88-58-30 W a distance of 882.55 feet to a point;
>
> Thence (6) northerly a distance of 2459.16 feet to a point, said point being on the centerline of New York State Route 5;
>
> Thence (7) northeasterly along the centerline of New York State Route 5 a distance of 314.82 feet to a point;
>
> Thence (8) southerly a distance of 983.4 feet to a point;
>
> Thence (9) easterly a distance of 1914.00 feet to a point, said point being on the east line of Farm Lot 67;
>
> Thence (10) S 00-34-30 W along the east line of Farm Lot 67 a distance of 1355.64 feet to a point;
>
> Thence (11) easterly a distance of 313.56 feet to a point, said point being on the centerline of Townsend Road;
>
> Thence (12) south westerly along the centerline of Townsend Road a distance of 326.6 feet to a point;

Thence (13) along the centerline of Townsend Road on a curve to the left having a radius of 1400 feet a distance of 733 feet more or less to a point of tangency;

Thence (14) S 00-34-30 W along the centerline of Townsend Road a distance of 1283.96 feet to a point, said point being the point of beginning.

Containing 154 acres more or less.

WHEREAS, the Applicant in 2005 also requested a mining permit for additional lands (hereinafter referred to as the "extension lands") which were rezoned to Natural Resource Removal District and which lands are described as follows:

ALL THAT TRACT OR PARCEL OF LAND, situated in the Town of Manlius, County of Onondaga and State of New York, being part of Lot 67 and Lot 77 in said Town and being more specifically described as follows:

Beginning at a point in the easterly line of a parcel of land conveyed by John Bender to John O. Bender and recorded in Book of Deeds 165 at Page 22 in the Onondaga County Clerk's office, North 01°-39'-55" East a distance of 664.08 feet measured along said easterly line from the intersection of said easterly line with the centerline of Salt Springs Road,

Running thence South 74°-04'-00" West a distance of 841.29 feet to a point,

Thence North 51°-56'-01" West a distance of 90.68 feet to a point,

Thence North 02°-04'-00" East a distance of 871.62 feet to a point,

Thence North 47°-05'-01" East a distance of 491.26 feet to a point,

Thence North 24°-05'-01" East a distance of 184.10 feet to a point,

Thence North 01°-05'-00" East a distance of 379.26 feet (crossing the division line between Lot 77 and Lot 67 of the Town of Manlius and into Lot 67 of said Town),

Thence North 46°-30'-00" East a distance of 210.58 feet to a point,

Thence South 88°-05'-00" East a distance of approximately 304.06 feet to a point,

Thence South 01°-39'-55" West (crossing said division line between Lot 67 and Lot 77 of the Town of Manlius into Lot 77 of said Town), a distance of approximately 1713.29 feet to the point of beginning.

Containing 28.737 Acres of land more or less.
Subject to easements, covenants and restrictions of record.

WHEREAS, the existing quarry and the extension lands described above shall in combination be referred to as the "Affected Lands"; and

WHEREAS, at a public meeting held March 12, 2003, the Town Board granted the zone change request and declared that the renewal of the former mining permit and the granting of the new mining permit covering the 29± acres described above would be appropriate and in the interests of the residents of the Town and will not adversely affect the health, safety, and welfare of the citizens of the Town of Manlius.

NOW, THEREFORE, be it

RESOLVED, that the Applicant be, and it hereby is, granted an extension of the Natural Resource Removal Permit pursuant to the provisions of Chapter 155, Article III, Section 155-19, of the Town of Manlius Municipal Code for the purpose of quarrying or natural resource removal operations located in the Town of Manlius on the Affected Lands consisting of the 183± acres heretofore described; and be it further

RESOLVED, that the attached Natural Resource Removal Permit shall be issued by the Town Clerk upon the agreement in writing by the Applicant to the conditions imposed by this Natural Resource Removal Permit.

NATURAL RESOURCE REMOVAL PERMIT

This Permit will continue in force until terminated by the Town Board for breach of one or more of the conditions pursuant to which it is granted, and the implementation thereof will be in accordance with the following conditions:

(1) This Permit, and the uses allowed pursuant thereto, shall expire on December 31, 2017.

(2) This Permit, and the privileges granted thereunder may be transferred only after written notification has been provided to the Town Clerk and the Codes Enforcement Officer of the name, address and telephone number of the transferee prior to such transfer.

(3) No new or different future use of the Affected Lands after quarrying operations cease shall be permitted on these lands, other than to leave them in their reclaimed, post-mining state, without written approval by resolution, after public hearing, by a majority of the Town Board.

Applicant, on behalf of itself and its successors, hereby waives any right to claim that the Town has acted arbitrarily or capriciously in refusing to grant approval for any future use of these lands after the completion of all or part of the anticipated quarrying operations, and this condition represents a waiver of any claim of inverse condemnation or a taking without just compensation.

(4) The Affected Lands shall never be used as a landfill, junkyard, or for the storage, disposal or reclamation of solid and/or hazardous waste and the Applicant shall provide a recorded covenant to the Town to this effect prior to the issuance of this permit.

THE QUARRYING MONITORING COMMITTEE

(5) The Quarrying Monitoring Committee ("QMC") shall continue in existence, consisting of a representative of the Town of Manlius Environmental Management Council ("TMEC"), a representative from the neighboring community and a representative from Kinsella Quarry.

(6) Members of the QMC shall be appointed and/or approved by the Town Board. The TMEC member shall act as Chairman of the QMC. The QMC shall have general oversight of activities at the quarry, with authority to make such recommendations as it deems appropriate to the operator, the Town Engineering Department or the Town Board, and to take such other actions as are specifically set forth herein. The Town Board shall, in its discretion, have the authority to review decisions made by QMC. In addition, if the QMC and the Applicant are unable to resolve disagreements over compliance with conditions of the Permit, such disagreements shall be brought to the Town Board for final resolution.

The committee shall meet every four (4) months, or more often at the request of a member. The Kinsella representative shall, at each regularly scheduled meeting (i.e., at four month intervals), present a tabular report including, but not limited to, data and information as required by this Permit on the specific conditions of each blast, and air quality, water conditions, continuous noise, reclamation activities, and tons of stone delivered to the crusher each month

during the reporting period. The community representative may present any concerns of the community regarding the quarry operation, including any complaints filed.

(7) As part of its normal operation, the QMC shall report to the Town Board on at least an annual basis concerning quarry operations. The QMC shall report to the Town Board immediately if it intends to request an investigation by the Town Engineering Department or the Town Board. All minutes and reports of the QMC shall be copied to the Town Board Members. All data and information gathered by the QMC shall be filed by it.

(8) The Applicant shall annually submit a report to the QMC and the Town Board, certified and verified by an officer of the corporation or his authorized representative, which presents its activities during the previous year conducted to meet each condition of this Permit.

QUARRYING HOURS

(9) No quarrying operations of any kind shall be conducted in the Town of Manlius prior to 7:00 a.m. nor after 4:00 p.m., local time, Monday through Friday, and no earlier than 7:00 a.m. nor later than noon on Saturday, except the operations may begin at 6:00 a.m. for the purpose of loading trucks in the vicinity of the crusher only and snow plowing. No quarrying operations shall be conducted on Sunday. There shall be no blasting on Saturday or Sunday, legal holidays, or earlier than 9:00 a.m. or later than 4:00 p.m.

BLASTING CONTROLS

(10) There shall be no blasts of a size or at a location which contravene the standards and tests now or hereafter developed by the United States Department of Interior, Bureau of Mines, or other governmental agencies, including the Town of Manlius. There shall be

employed the most effective blasting methods practical and techniques now or subsequently developed, using the highest commercial standards, to control noise, dust, and vibration in open pit mines or commercial quarries. Measures to reduce blasting impacts shall include but shall not be limited to, the following measures:

(a) use smallest bore holes practical;

(b) use smallest blast face height practical;

(c) use smallest multiple delayed charges in bore holes practical;

(d) use smallest bore diameters practical;

(e) angle blast face away from nearby structures to the greatest extent possible;

(f) provide greatest distance from bore holes to the exposed rock face as is practical; and

(g) provide maximum inert cover material practical over the charges in each hole.

The maximum allowable charge weight shall be determined by the "scaled distance formula", but in no circumstances shall be larger than 300 lbs/delay, with a minimum of 8 milliseconds between delays. This may be modified by the Town Board after appropriate demonstration and testing data are provided by the Applicant demonstrating that a shorter delay can provide equal or greater environmental protection. Any such proposal must first be reviewed by the QMC, which shall forward it to the Town Board with its recommendations.

(11) Blasting shall not occur more than once a week on average over the course of a year and shall not occur more than five times in a given month. The Applicant may seek

amendment to this provision if it can be demonstrated that using more frequent smaller blasts reduces blasting impacts. Any such proposal must first be reviewed by the QMC which shall forward it to the Town Board with its recommendations.

(12) The Applicant shall monitor and report the effects of blasting. All monitoring shall be done according to high scientific standards by qualified personnel. The Town Board may supervise any such testing by retaining personnel to review the procedure and monitoring program. Such reviewing personnel shall be paid by the Town, and the Town shall be reimbursed by the Applicant. The following further conditions shall apply to monitoring and reporting:

(a) Air concussion and ground vibration:

(1) Two monitoring points shall be established by the Town and the Applicant around the perimeter of the quarry operator's property. One point shall be in or near the Changing Season Subdivision (to the northwest), and the second point shall be along Salt Springs Road (to the south).

(2) Applicant shall develop a grid system to cover those areas in the older quarry and in the newer quarry that have not been completely mined. This grid system shall be used to plot the location of each blast conducted in the quarry.

(3) Seismograph readings shall be made of each blast which shall include the location of the blast on the grid, the time, the date, the distance from seismograph, the pounds per delay, the angle of the quarry face as measured from some fixed point (e.g., true North) and the approximate elevation of the blast. Recordings of seismograph readings shall be independently analyzed.

(4) Seismograph readings shall be taken for every blast at the Changing Seasons monitoring point. In addition, seismograph readings shall also be taken at the Salt Springs monitoring point if the blasting is closer to the residences to the South than it is to Changing Seasons.

(5) Before any blasting takes place in the extension lands, the Applicant shall complete Vibra-mapping of the site.

(6) If required monitoring reports reveal one or more occasions where the recorded peak particle velocity of any blast exceeds .5in/sec. on any measured plane, the Applicant will present the Town with a summary report and mitigation plan before any additional blasting can occur.

(13) Weather conditions such as wind speed and direction, temperature inversions, and other atmospheric conditions must be considered by the Applicant when blasting is conducted so as to minimize air blast and dust effects on surrounding properties. Should blasting in certain weather conditions nonetheless become a cause of adverse impacts upon neighboring properties, in the opinion of the QMC, it shall so report to the Town Board with a recommendation whether specific weather related criteria shall be developed to restrict blasting in certain conditions. The Town Board may then direct the development of such criteria by the Town Engineering Department and/or and appropriate consultant for review and approval by the Town Board. Any costs associated with the development of such criteria will be borne by the Applicant.

(14) T.H. Kinsella, Inc. shall be strictly liable, without regard to negligence or fault, for any bodily injury or property damage (including, among other things, damage to underground wells or water supplies) which occurs off its property and is caused by its blasting or other operations provided that it receives notice of the injury or damage within five days of the incident and the claimant affords it full opportunity for reasonable investigation. This provision shall not diminish any rights under the law.

In the event there is a disagreement as to whether there has been damage caused by T.H. Kinsella, Inc.'s blasting or as to the amount of damage caused by such blasting, the disagreement shall, at the election of the claimant, be submitted under the Rules of the American Arbitration Association for final settlement by a single arbitrator. T.H. Kinsella, Inc. shall take the steps necessary to institute arbitration proceedings upon demand of the party claiming damage,

providing (1) at least two meetings to settle the disagreement have taken place between the aggrieved party and T.H. Kinsella, Inc. and (ii) the Town Board has been notified of the claim. Regardless of the outcome, if the arbitrator shall determine that the claim was presented and pursued in "good faith" and with reasonable cause, T.H. Kinsella, Inc. shall pay all of the expenses of the arbitration, including not more than $1,000 (or such amount as the arbitrator may determine to be the then equivalent of $1,000 in 2003) for counsel and consultant fees and expenses of the claimant.

NOISE CONTROL

(15) The Applicant shall diligently pursue in the quarry an aggressive noise abatement program to obtain the optimum reduction, as promptly as practicable within the best and highest commercially available technology. This abatement program includes, but is not necessarily limited to, the following:

(a) mufflers and other devices for reducing equipment noises,

(b) the potential for optimum noise control in new equipment as it is purchased,

(c) regular maintenance procedures directed to the control of equipment noise,

(d) any advantage which can practically be taken of distance, quarry faces, and natural topography to reduce noise,

(e) practices which will eliminate unnecessary operating noise,

(f) instructions, training, and regulations for operating personnel to make them conscious of and responsible for the control of unnecessary noise,

(g) modifications of equipment to reduce the emission and transmission of noise, and

(h) methods devised for the reduction of the transmission of sound.

Applicant shall provide to the QMC an annual report summarizing incremental activities undertaken to reduce noise.

(16) Blasting noise shall be monitored at the same location as the vibration sensors using a d(B) meter. Readings for continuous noise shall be taken once a month (varying from month to month as to time of day) while the quarry is under normal operation. Should the QMC deem it necessary, it may direct more frequent testing for continuous noise, and it may direct the time and place of such testing, consistent with the standards and intent of this permit. In no event shall the maximum noise level exceed 120d(B) for any blast nor a continuous noise level of 85dBA for other normal operations. At least 95% of the continuous noise level readings shall be below 82dBA over the course of one year. It is the intent of this provision that noise levels at the property line not exceed the stated criteria. When measuring noise every effort shall be made to eliminate the following from the readings: motor vehicles licensed to operate on public highways, natural sounds, e.g. birds, thunder, rain, etc.; all other sound sources emanating from sources located outside the boundaries of the quarry, e.g. lawn mowers, air craft, snowmobiles, etc.

AIR QUALITY

(17) All equipment shall be in compliance with Title 40, Code of Federal Regulations ("CFR"), Part 60, Subpart OOO.

(18) Every year, beginning with 2004, the Applicant shall conduct opacity monitoring of the crusher in accordance with Title 40, CFR Part 60, Subpart 000. Specifically, Applicant shall monitor the Pennsylvania Jaw Crusher, the 50" x 48" Cederapids Impact Crusher and the Telsmith 1100 Cone Crusher (or their equivalent or replacement). Monitoring shall be in accordance with EPA's Reference Method 9 (40 CFR 60, Appendix A), by a certified visual emissions evaluator, and shall be conducted under normal operating conditions.

(19) Adequate provision shall be made to assure that mud, silt and dust shall be contained within the confines of the Applicant's property. This shall include, but not necessarily be limited to, the regular treatment of quarry roads with environmentally acceptable materials to control dust from traffic.

(20) Applicant shall annually submit a Fugitive Dust Control Plan. In addition to the Fugitive Dust Control Plan, the Applicant shall summarize annually the actions taken incrementally improve the air quality within and around the quarry.

(21) In order to collect and archive visual data, the Town Engineering Department shall take digital photos of the quarry from the perimeter each time a noise reading is taken.

(22) Should airborne particulates generated by the quarry become a problem in the future, the Town Board, upon the recommendation of the Town Engineering Department or the QMC may, in its sole discretion, require appropriate air monitoring. The actual location shall be selected after consultation with the Town Engineering Department or a consultant designated by the Town Board. The testing shall be conducted by the Applicant's personnel, but the procedures and criteria shall be reviewed by the Town Board or its designees at the Applicant's cost.

BERMS AND RECLAMATION

(23) The berms described in the DEIS shall be constructed and completed within two years of the date of issuance of this Permit. The Applicant shall submit to the QMC a summary of the status of the berm construction and maintenance on an annual basis. The berms described above shall:

(a) have height, grade and form that is variant in nature;

(b) be adequately planted with varying types of vegetation, including a significant amount of coniferous trees so as to provide year-round screening.

(c) need not be mowed; and

(d) be maintained in accordance with a maintenance plan to be developed and submitted to the QMC for its approval.

The QMC shall review the detailed plans for the proposed berms for compliance with these criteria and, if necessary, require appropriate modifications of the Applicant. If the Applicant and the QMC are unable to resolve disagreements over compliance with the stated criteria, such disagreements shall be brought to the Town Board for final resolution. The QMC shall notify the Town of Board when a specific, detailed plan for the berm, in accordance with these criteria has been accepted, and when construction of the berm has been completed and approved.

(24) The reclamation activities of the Applicant must be continuous with operations under this Permit, and must conform to the following requirements:

(a) Appropriate vegetation must be established on all earth slopes or surfaces, whether temporary or permanent, according to the supervision of the Town Engineering Department.

(b) All refueling and storage areas must be appropriately paved and diked or outside the quarry pit.

(c) All reclamation stockpiles should be seeded to minimize erosion potential.

(d) Reclamation shall be reviewed on a regular basis, at no longer than one year intervals, by the Town Engineering Department and the QMC to insure the use of benching, terracing, plantings and non-uniform landscaping in order to produce a result that resembles, to the maximum extent practicable, natural landforms and vegetation. Costs associated with such review shall be borne by the Applicant.

The QMC shall review both the final detailed plans for reclamation and the completed reclamation work for compliance with these criteria and, if necessary, require appropriate modifications of the Applicant. If the Applicant and the QMC are unable to resolve disagreements over compliance with the stated criteria, such disagreements shall be brought to the Town Board for final resolution.

(25) Unless a more stringent requirement is set forth in other provisions of this Permit, the Applicant shall conform with its Application and representations and suggestions set forth in the 2003 FEIS. The Applicant shall reclaim the Affected Lands in accordance with its application and impact statement and the requirements of this Permit. In order to assure such compliance, the Applicant shall provide an acceptable payment and performance bond in the amount of $40,000.00 to guarantee such compliance of all conditions of this Permit. The amount of this bond shall be reviewed by the Town Board each time a renewal of this Permit is considered and may be modified by the Town Board for good cause.

GROUNDWATER

(26) The Applicant shall maintain three monitoring wells under the supervision of the Town Engineering Department, for the purpose of providing regular ground water sampling and testing to confirm that the quarry has no adverse impact on ground water in the Town of Manlius. Results of the water tests shall be included in annual reports to the QMC. The wells

shall be tested twice yearly for yield and turbidity and hydrocarbons and, if in the opinion of the Town Engineering Department or the QMC other parameters need investigation, they shall designate such parameters for testing.

(27) There shall be created no external drainage channel or outlet from within the quarry.

MODIFICATIONS AND RENEWAL

(28) Upon any application to renew this Permit, the Town Board shall conduct a public hearing after public notice.

(29) The parties to this Permit also agree that all of these conditions may be amended, waived, or modified by the mutual written agreement of the majority of the Town Board of the Town of Manlius and the Applicant. Nevertheless, and in addition to other conditions and reservations of rights, this Permit may be modified or rescinded by the Town of Manlius in its sole discretion, after a public hearing, if substantial unanticipated adverse environmental effects arise from the Applicant's operations in the Town of Manlius.

(30) No additional access point to the mining operations on the Affected Lands shall be established without the written approval of the Town Board of the Town of Manlius.

ENFORCEMENT AND LIABILITY

(31) All rights of enforcement pursuant to this Permit shall lie with the Town and shall be in the Town's sole discretion, and no independent third party rights are herein created. The Town shall have all available means of enforcement of these conditions, agreements, and covenants allowed by law, and including, among others, injunctive relief and money damages.

(32) The Applicant shall publish and maintain a telephone number at which number complaints may be registered, and a person shall be available at this number during regular working hours to record and respond to such complaints. A written copy detailing each complaint and the Applicant's response shall be filed within ten (10) days of such complaint with the QMC and the Town Engineering Department.

(33) The Town Board may retain a consulting engineer to review all submittals, proposals, and compliance activities of the Applicant in connection with this Permit. The full cost of the services and disbursements of this engineer shall be reimbursed to the Town by the Applicant within ten (10) days of demand for reimbursement being forwarded to the Applicant. Any failure to make such reimbursement to the Town is a basis, at the discretion of the Town Board, to rescind this Permit. This consulting engineer shall make all reviews and submit recommendations to the Town Board on request.

(34) The Applicant, by accepting this Permit, specifically waives any rights which it may have to quarry the lands described in its Application except pursuant to each and every condition in this Permit, and the Applicant acknowledges that it is fully subject to the said terms.

(35) This Permit shall not represent a waiver of any other requirement pursuant to any law, ordinance, regulation, or legally enforceable condition.

(36) The Applicant herein specifically represents that it owns in fee simple all of the Affected Lands described in its Application, and no other interest is outstanding in said lands nor any other condition or restriction applies to said lands which would interfere with the Applicant's full compliance with this Permit.

(37) The Town of Manlius assumes no liability to any third party nor to the Applicant for the enforcement or non-enforcement of this Permit. (31)Any provision or condition in this

Permit which is held to be invalid by any Court shall not affect the validity or enforceability of any other provision in this Permit.

SEVERABILITY

(38) If any condition in this Permit is held to be invalid by any Court, the Town Board reserves the right to further modify this Permit by its sole action, after public hearing, in order to substitute a valid condition or conditions to replace the conditions so held to be invalid in order that the safeguards and purposes of this Permit are not diminished, or, if no such valid condition or conditions can be substituted, to determine whether the condition declared invalid is so significant and important to render the permit or zone change no longer valid.

SUCCESSORS AND ASSIGNS

(39) All references in this Permit to the Applicant shall include any successor in interest to the Applicant and any successor in interest to any of said Affected Lands. Any such successor shall be fully bound by the conditions in this Permit. Furthermore, the Applicant herein agrees and certifies to the Town of Manlius that it will give written notice to any successor in interest specifying each and every condition in this Permit and each and every additional condition established by the Town of Manlius, and such successor in interest shall specifically accept and acknowledge said conditions and agree to be fully bound by such conditions. The failure of the Applicant to fully comply with this condition shall allow the Town of Manlius to recover any and all damages to the Town arising from such non-compliance, and the Applicant herein specifically indemnifies the Town of Manlius for any loss, including attorneys fees, which arise from such noncompliance.

The Applicant, by the acceptance of this Permit, agrees to all of the above terms and conditions, and in the event it shall fail, for any reason, to substantially perform any of the said terms and conditions on its part to be performed, said Permit shall be revoked.

The undersigned, Thomas P Kinsella, does accept the foregoing Natural Resource Removal Permit and agrees to perform all of the terms and conditions thereof.

T.H. KINSELLA, INC.

By: Thomas P Kinsella Pres.

The Applicant, by acceptance of this Natural Resource Removal Permit, agrees to all of the above terms and conditions, and in the event it shall fail for any reason to perform any of the said terms and conditions on its part to be performed, said Permit shall be revoked.

Allison Edsall

Allison Edsall
Town Clerk of the Town of Manlius
Onondaga County, New York

STATE OF NEW YORK)
) ss.:
COUNTY OF ONONDAGA)

On this 28th day of December, 2011, before me personally came THOMAS P KINSELLA, to me personally known, who, being my me duly sworn, did depose and say that he resides in FAYETTEVILLE, New York, that he is the PRESIDENT of T.H. KINSELLA, INC., the corporation described in, and which executed the within Instrument, and that he signed his name thereto on behalf of the corporation.

AARON D. HOWARD
Notary Public, State of New York
Qualified in Onondaga County
Reg. No. 01HO6151537
My Commission Expires Aug. 21, 2014

Aaron D Howard

SYLIB01\207021\4

Notary Public

I, ALLISON A. EDSALL , Town Clerk of the Town of Manlius, **DO HEREBY CERTIFY** that the preceding Resolution was duly adopted by the Town Board of the Town of Manlius at a regular meeting of the Board duly called and held on the 14th day of December, 2011; that said Resolution was entered in the minutes of said meeting; that I have compared the foregoing copy with the original thereof now on file in my office; and that the same is a true and correct transcript of said Resolution and of the whole thereof.

I FURTHER CERTIFY that all members of said Board had due notice of said meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Town of Manlius, this 14th day of December, 2011.

DATED: December 14, 2011
Fayetteville, New York

Allison Edsall
Town Clerk of the Town of Manlius
Onondaga County, New York

SYLIB01\207021\4

RECEIVED
NOV 12 2024
By

TOWN OF MANLIUS
Special Permit Renewal Application

DATE: NOVEMBER 11, 2024 Tax Map # 090.-01-11.0, 097.-01-01.1, 097.-01-03.2, 097.-01-03.3, 097.-01-03.1, 097.-01-01.2

I THOMAS KINSELLA as applicant relative to property located
Applicant's Name

at SALT SPRINGS ROAD, FAYETTEVILLE NY 13066

hereby request renewal of a Special Permit from the Town of Manlius, Town Board as required by the Town of Manlius Code, submit the following application and information. I further acknowledge that should any information be later determined as false or not credible in any material respect, any special permit renewed based thereon may be determined by the Town Board as void from the start or revocable.

There are no changes of information or exhibits to the existing special permit originally issued on DECEMBER 6, 2017 Yes ____ No X
Date

If you answered yes to above question, please state in detail the changes you are requesting. Please attach a letter if more space is needed.

Update Contact Information:

Name THOMAS KINSELLA

Address T. H. KINSELLA, INC., P.O. BOX 7, FAYETTEVILLE NY 13066

Phone (315) 637-3390 E-mail tkinsella@thkinsella.com

Thomas Kinsella Pres. NOVEMBER 11, 2024
Applicant's Signature *Date*

THOMAS KINSELLA
Applicant Print Name

Town Code Officers Comments:

Prepared For:
Town of Manlius
Onondaga County, New York

Submitted by:
LaBella Associates
300 State Street
Suite 201
Rochester, NY 14614
(585) 454-6110

LaBella
Powered by partnership.

TOWN OF MANLIUS CONSOLIDATED SIDEWALK DISTRICT MAP, PLAN AND REPORT FOR THE ENDERS ROAD SIDEWALK

LABELLA PROJECT NO. 2242177.01
DECEMBER 2024

TABLE OF CONTENTS

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BACKGROUND AND EXISTING CONDITIONS 2
PROJECT NEEDS AND PROPOSED IMPROVEMENTS 2
ENVIRONMENTAL IMPACTS 2
PERMITTING 3
OPINION OF PROBABLE PROJECT COSTS 3
FINANCING 4
SIDEWALK DISTRICT DESCRIPTION 5

ATTACHMENTS

ATTACHMENT A: CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
ATTACHMENT B: FIGURE 01 – PROPOSED SIDEWALK DISTRICT MAP
ATTACHMENT C: FIGURE 02 – PROPOSED SIDEWALK PLAN
ATTACHMENT D: FIGURE 03 – ENVIRONMENTAL RESOURCE MAPPER
ATTACHMENT E: FIGURE 04 – FEMA FLOOD ZONES
ATTACHMENT F: FIGURE 05 – CRIS MAP

BACKGROUND AND EXISTING CONDITIONS

Enders Road, located in the Town of Manlius, New York, runs north to south from Pompey Center Road to East Seneca Turnpike. The road connects three of the six Fayetteville-Manlius School District schools, with two of them—Eagle Hill Middle School and Enders Road Elementary School—situated directly on Enders Road. The road is frequently used by students walking to and from school as well as by pedestrians on casual walks. However, Enders Road currently lacks adequate sidewalks, offering only minimal pathways and narrow shoulders, creating a hazardous environment for pedestrians.

Residents have raised significant concerns about pedestrian safety, particularly for children and students, due to the lack of sidewalks and the presence of careless driving through the school zone. It has been reported that drivers may have difficulty noticing pedestrians along the road, and there are concerns about situations where vehicles might not stop or avoid pedestrians. The increasing volume of foot traffic on Enders Road has heightened safety concerns and increased the potential for accidents.

The absence of a continuous sidewalk path is partially due to existing utilities and site features along Enders Road, such as catch basins, culverts, and mailboxes. These features may need to be relocated to ensure the safe installation of a new sidewalk with adequate separation from the roadway.

PROJECT NEEDS AND PROPOSED IMPROVEMENTS

Based on conversations with the Town, the sidewalk is proposed to begin on Cazenovia Road (NY-92), continue north on Enders Road, and end at the intersection of East Seneca Turnpike (NY-173). This sidewalk will be offset from the road to provide a safe distance from oncoming traffic and will meet ADA requirements. Most of the sidewalk is proposed on the west side of Enders Road for access to the schools and eventually crosses to the east side of the road to keep the sidewalk within the Town and avoid numerous driveway crossings.

In addition to the sidewalk, the project may include relocating catch basins along the proposed sidewalk route to maintain the site's drainage, installing a guide rail along a portion of Eagle Hill Middle school parking lot to prevent cars from pulling onto the sidewalk, installing crosswalks and pedestrian crosswalk signs with flashing beacons as needed to alert drives of those walking nearby, and providing a concrete flat slab cover with railings over the top of the existing culvert and wing walls near Eagle Hill Middle School. The proposed sidewalk and additional safety precautions are intended to provide a safe, direct route for those who wish to use it, and encourage those who are weary of using the existing path to take advantage of the proposed project's features.

ENVIRONMENTAL IMPACTS

Regulated Wetlands and Waterways

According to the NYSDEC's Environmental Resource Mapper, there are no mapped New York State freshwater wetlands or buffer areas in the vicinity of the proposed improvements. However, the north end of the proposed improvements is located near a NYSDEC classified stream.

Wetland delineations will be completed during the design process to determine the wetland boundaries. We expect any proposed work that occurs within federally regulated wetlands to be minimal and will coordinate with NYSDEC and U.S. Army Corps of Engineers as needed.

Federal Emergency Management Administration (FEMA) Flood Zones

None of the proposed work is expected to be in, or near, a 100-year flood zone.

Archeologically Sensitive Sites

According to the New York State Cultural Resource Information System, there are no archeological sensitive areas within the proposed project location.

Rare Plants and Animals or Significant Natural Communities

According to the NYSDEC's Environmental Resource Mapper (ERM) and the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC), the proposed project location is in the vicinity of bats listed as endangered. To avoid disturbing bats in their natural habitat, the project plans to minimize tree removal.

According to the ERM and USWFS IPaC, the proposed project location is in the vicinity of Eastern Massasauga rattlesnakes listed as threatened. However, the Eastern Massasauga rattlesnake has not been recorded in the Town of Manlius, New York. Its current populations in New York are limited to protected wetlands in two primary locations: the Bergen Swamp in Genesee County and the Cicero Swamp Wildlife Management Area in Onondaga County. Therefore, the project does not anticipate impacting their habitat.

SEQRA Status

The project will require environmental impact review to comply with the State Environmental Quality Review Act (SEQRA). Based upon an initial review of the proposed action, it appears that the project will not qualify under the Type I or Type II classification under SEQRA. Rather, we assume that the project would be classified under SEQRA as an "Unlisted Action" and the short Environmental Assessment Form (EAF) would be prepared. It is assumed that the Town of Manlius would act as the "Lead Agency" overseeing the SEQRA review.

PERMITTING

NYSDOT

Portions of the proposed sidewalk installation are anticipated to take place along NYS RTE 92 and NYS RTE 173 and within the New York State Department of Transportation (NYSDOT) Right of Way. Therefore, any work to install the sidewalk within the NYDOT Right of Way will require their review and approval.

SWPPP

The proposed construction activities involve soil disturbances anticipated to be slightly less than one (1) acre. Therefore, the need for a stormwater pollution prevention plan (SWPPP) is not anticipated. However, if disturbance does exceed one acre and is less than 5 acres, then a SWPPP in the form of an erosion and sediment control plan will be required.

OPINION OF PROBABLE PROJECT COSTS

The opinion of probable project costs for the sidewalk project is $1,421,800.00. A detailed breakdown of costs is provided in Attachment A. These costs are based on the project being completed by an outside contractor retained under the requirements of General Municipal Law for construction in the 2027 season and include allowance for escalation, contingencies, legal, administration, and engineering.

FINANCING

Annual Operating Budget

The Town intends to issue a Bond Anticipate Note (BAN) for at least the first year and secure long-term financing the following year. The Town would assess, levy, and collect funds to retire the BAN and bond over the Town's Sidewalk District on a benefit basis as part of the district's operation, and maintenance fee structure.

The Town will use a benefit formula to collect funds from property owners within the sidewalk district's boundaries for debt retirement services. The district boundary was determined using the border between the Village and Town and considering which properties will benefit most from the sidewalk. There are multiple land use classifications for properties within the proposed sidewalk district, and each has been assigned a certain number of equivalent dwelling units (EDUs) shown on the table below. An EDU is a standard unit of benefit payment equal to one single family residence. Residences have been assigned EDUs based on their land use (single family residence, multifamily residence, etc.)

Land Use	EDUs
Vacant	0.5
Residential (single family)	1
Residential (multifamily)	2
Commercial	3
Daycare Center	3
Apartment Building	5
Schools	10

Initially, residents were informed of a $50 per year project charge. Therefore, the Town requested that grant funding and financing options be considered to keep the annual cost below this threshold. One potential funding opportunity is the Transportation Alternatives Program (TAP) grant. The TAP grant would cover 80% of the project costs, with the remaining costs to be covered by the property owners within the sidewalk district. Additionally, the Town requested that two financing options be considered to keep the annual cost below this threshold:

- **Option A**: 30-year bond
- **Option B**: 15-year bond

Both options are presented on the following page and assume that the Town is awarded the TAP grant. Please note that most grant applications, including the TAP grant, require a Preliminary Engineers Report, completion of SEQR, and a district formation prior to award.

Operation and Maintenance Cost

Annual operation and maintenance (O&M) costs are anticipated to be approximately $4,000 per year, with $2,500 allocated to snow plowing and $1,500 towards a maintenance reserve. The maintenance reserve is intended to pay for basic sidewalk repairs, such as replacing individual sidewalk sections, caused by cracking over time. With approximately 533 EDUs anticipated, this equates to a $7.50 O&M charge per EDU per year.

Option A

	First Year	Second Year
Bond Principle	$1,421,800.00	$1,421,800.00
Grant Requirements	$1,140,000.00	$1,140,000.00
Total Project Cost with Grant Award	$281,800.00	$281,800.00
BAN/Bond Rate %	3.50%	3.50%
Term, years	1	**30**
Proposed BAN Payment (interest only)	$9,863.00	
Proposed Bond Payment (principal & interest)		$15,321.84
2024 Benefit Units in Sidewalk District (EDU)		**532.5**
Total Proposed Annual Debt per Benefit Unit	$18.52	$28.77
Annual O&M Charge Per Benefit User	$0.00	$7.50
Proposed Annual Debt and O&M Charge per Benefit Unit	**$18.52**	**$36.27**

Option B

	First Year	Second Year
Bond Principle	$1,421,800.00	$1,421,800.00
Grant Requirements	$1,140,000.00	$1,140,000.00
Total Project Cost w/ Grant Award	$281,800.00	$281,800.00
BAN/Bond Rate %	3.50%	3.50%
Term, years	1	**15**
Proposed BAN Payment (interest only)	$9,863.00	
Proposed Bond Payment (principal & interest)		$24,467.30
2024 Benefit Units in Sidewalk District (EDU)		**532.5**
Total Proposed Annual Debt per Benefit Unit	$18.52	$45.95
Annual O&M Charge Per Benefit User	$0.00	$7.50
Proposed Annual Debt and O&M Charge per Benefit Unit	**$18.52**	**$53.45**

SIDEWALK DISTRICT DESCRIPTION

The proposed sidewalk district boundary is shown graphically in Figure 01.

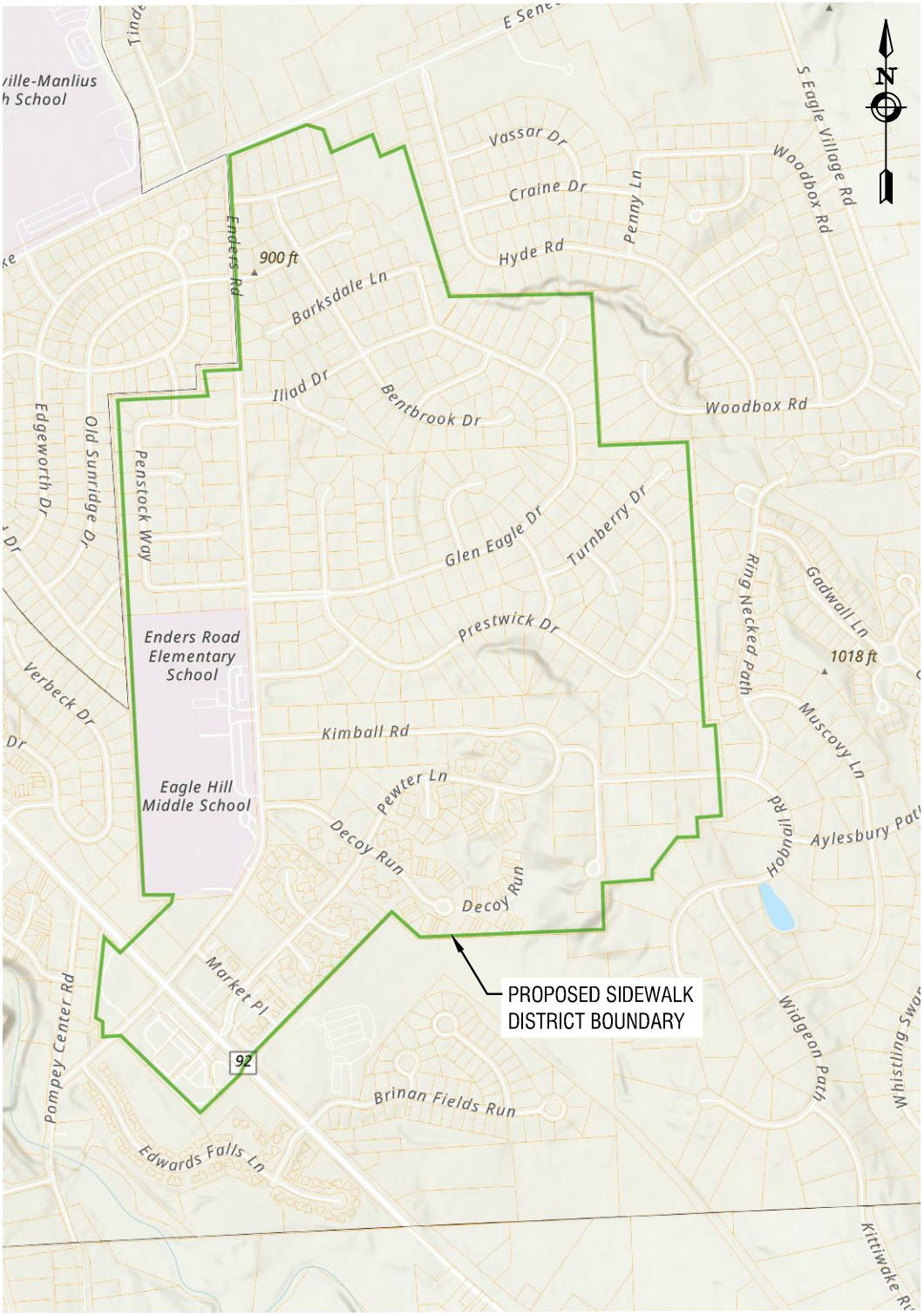
ATTACHMENT A

LABELLA ASSOCIATES, D.P.C.
ENDERS ROAD SIDEWALK
PROJECT COST ESTIMATE

ITEM NO.	DESCRIPTION	EST. BID QUANTITY	UNIT	ENG. EST. UNIT PRICE	ENG. EST. TOTAL
PRE CONSTRUCTION & CONSTRUCTION START UP					
1	MOBILIZATION	1	LS	$40,000.00	$40,000.00
2	MPOT/UTILITY VERIFICATION	1	LS	$40,000.00	$40,000.00
3	TEMPORARY FENCE & SIGNAGE	1	LS	$10,000.00	$10,000.00
4	SURVEY & LAYOUT	1	EA	$10,000.00	$10,000.00
5	EASEMENT AQUISTION	1	LS	$50,000.00	$50,000.00
DEMOLITION AND RELOCATION					
1	CATCH BASIN RELOCATION	9	EA	$8,000.00	$72,000.00
2	MAILBOX RELOCATION	20	EA	$300.00	$6,000.00
3	SIGN RELOCATION	26	EA	$300.00	$7,800.00
4	GRANITE CURB REMOVAL	80	LF	$15.00	$1,200.00
5	ASPHALT REMOVAL	76	SY	$20.00	$1,520.00
6	GUIDE RAIL REMOVAL AND DISPOSAL	50	LF	$30.00	$1,500.00
7	VEGETATION CLEARING	1	LS	$6,000.00	$6,000.00
8	RELOCATE LARGE ROCKS	11	EA	$50.00	$550.00
9	SITE FILL	120	CY	$40.00	$4,800.00
SITE WORK					
1	4" CONCRETE SIDEWALK	27,000	SF	$20.00	$540,000.00
2	GRANITE CURB REPLACEMENT	40	LF	$54.00	$2,160.00
3	DETECTABLE TACTILE SURFACE	26	EA	$360.00	$9,360.00
4	ASPHALT DRIVEWAY ARPON REPAIRS	600	SF	$25.00	$15,000.00
5	4' HIGH RETAINING WALL	100	LF	$410.00	$41,000.00
6	CULVERT TOP WITH RAILINGS	1	EA	$15,000.00	$15,000.00
7	GUIDE RAIL ALONG PARKING LOT	300	LF	$40.00	$12,000.00
8	CROSSWALK STRIPING	1	LS	$2,500.00	$2,500.00
9	PEDESTRIAN CROSSING SIGNS WITH FLASHING BECONS	1	SET	$21,000.00	$21,000.00
10	GRASS RESTORATION	1,170	SY	$3.00	$3,510.00
11	EROSION AND SEDIMENT CONTROL	1	LS	$10,000.00	$10,000.00

	CONSTRUCTION SUBTOTAL	$922,900.00
25%	ENGINEERING & ADMIN	$231,200.00
20%	DESIGN & CONSTRUCTION CONTINGENCY	$184,600.00
9%	ESCALATION (ASSUMING CONSTRUCTION IN 2027	$83,100.00
	PROJECT TOTAL	$1,421,800.00

ATTACHMENT B



TOWN OF MANLIUS

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ENDERS ROAD SIDEWALK

FIGURE 01 - MAP

10/30/2024 2:21 PM
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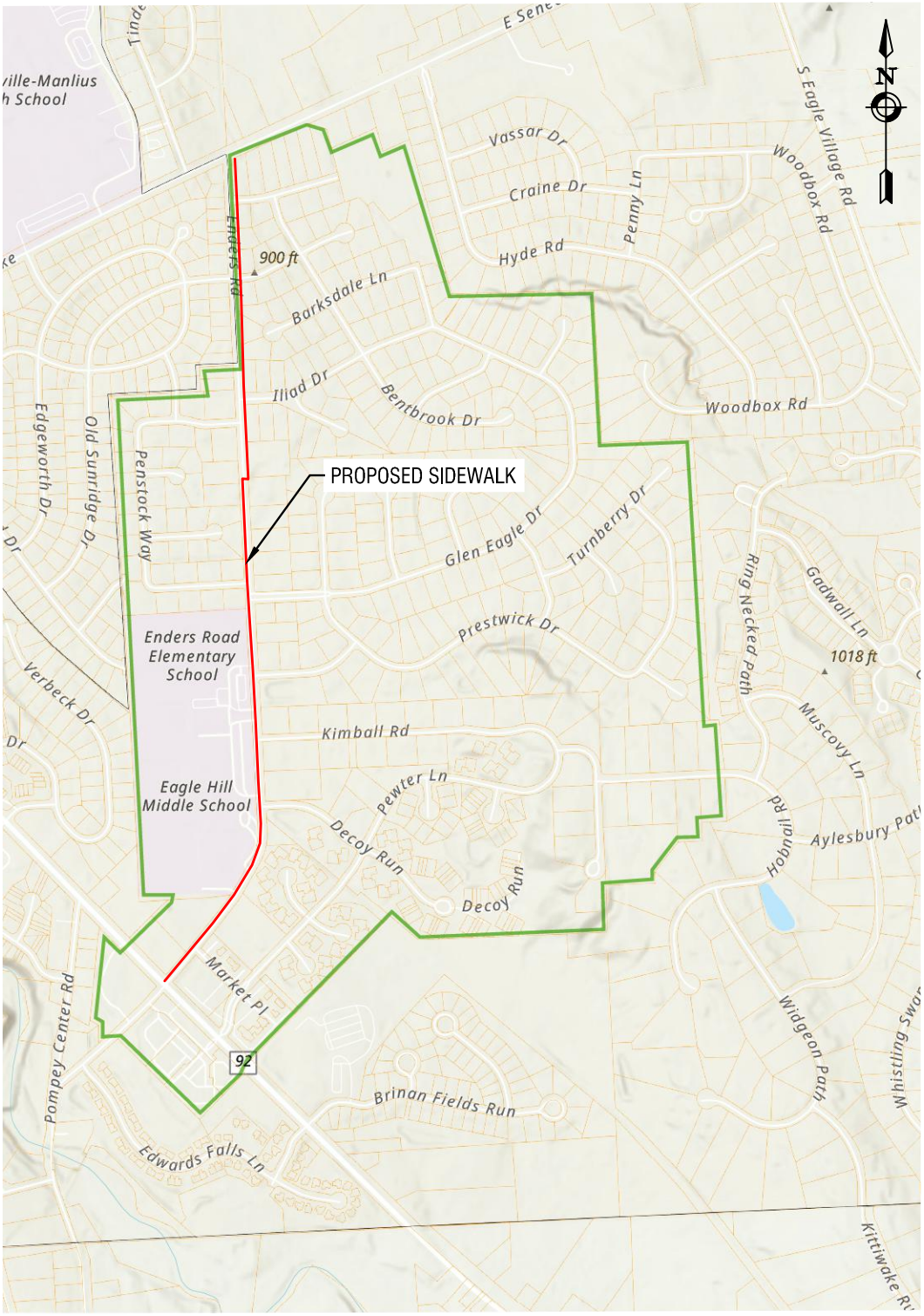
ATTACHMENT C



TOWN OF MANLIUS

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ENDERS ROAD SIDEWALK

ATTACHMENT C
FIGURE 02 - PLAN

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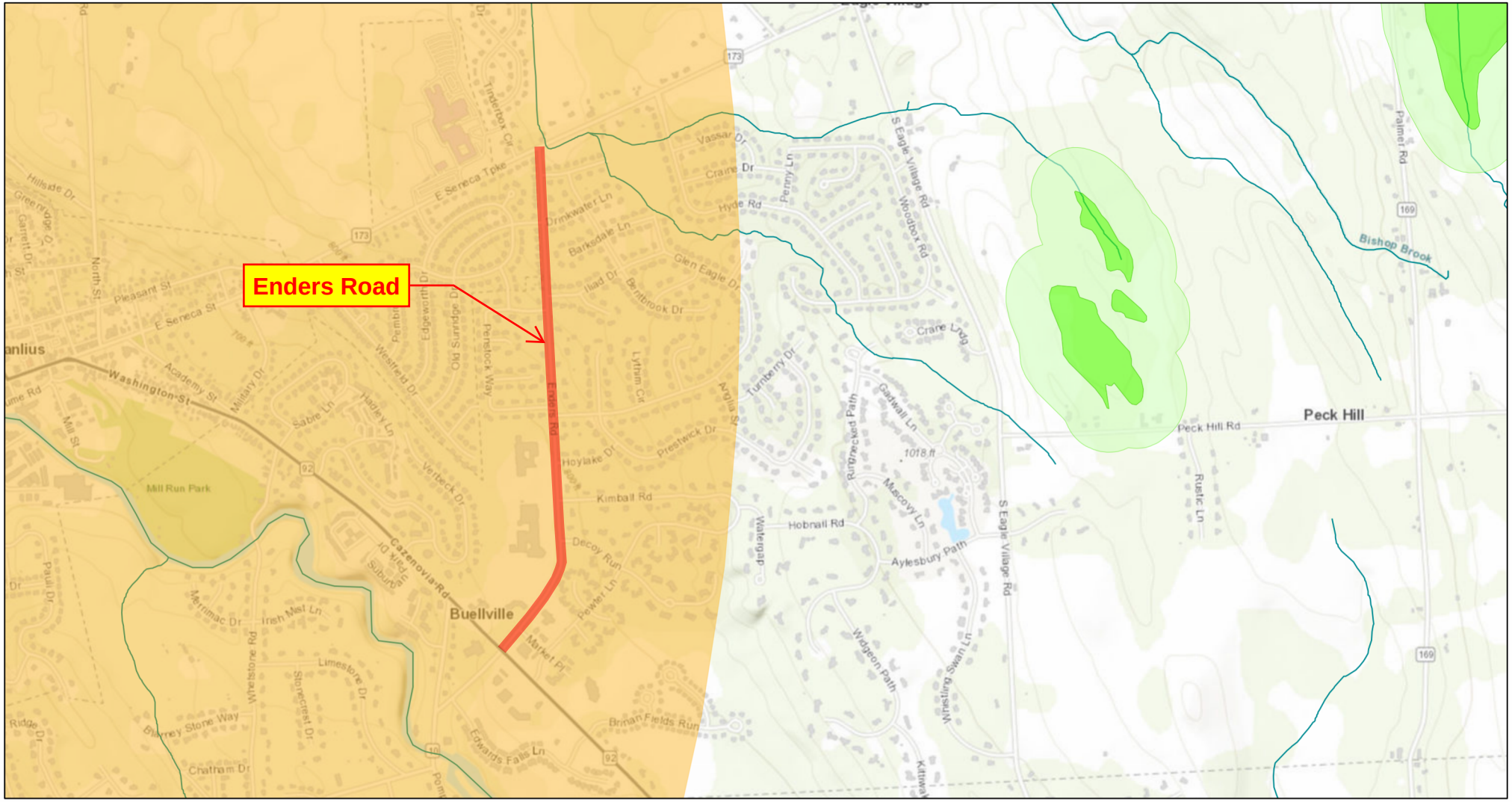
ATTACHMENT D

Environmental Resource Mapper



November 27, 2024

- [x] Waterbody Inventory/Priority Waterbodies List
  - Lakes and Reservoirs
  - Estuaries
  - Rivers and Streams
  - Shorelines
- [x] State Regulated Freshwater Wetlands (Outside of the Adirondack Park)
- State Regulated Wetland Checkzone
- [x] Rare Plants or Animals
- [x] Significant Natural Communities
- Natural Communities Near This Location

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

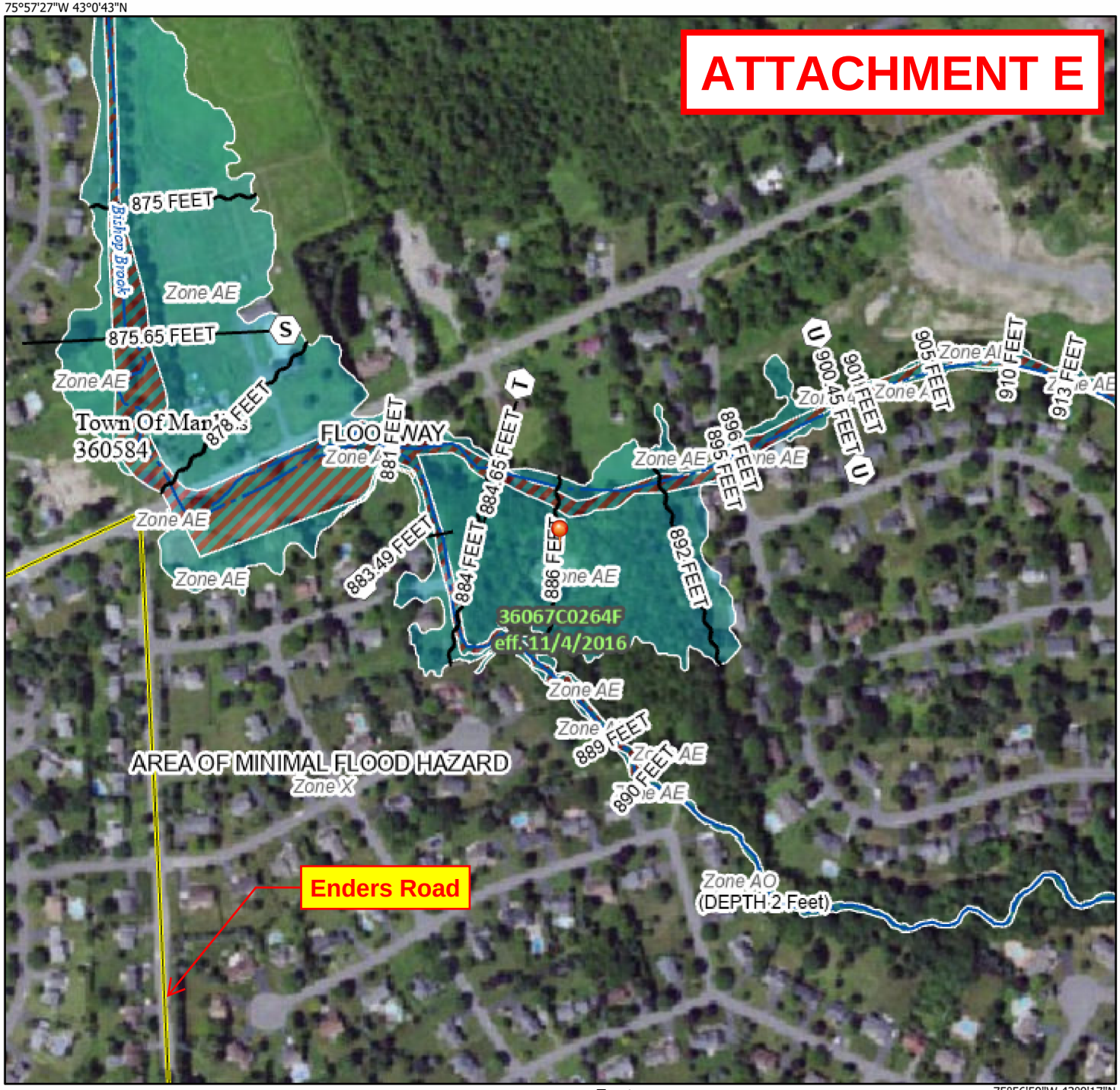
Province of Ontario, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

NYS Department of Environmental Conservation
Not a legal document

National Flood Hazard Layer FIRMette

FEMA

75°57'27"W 43°0'43"N



75°56'50"W 43°0'17"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- B 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

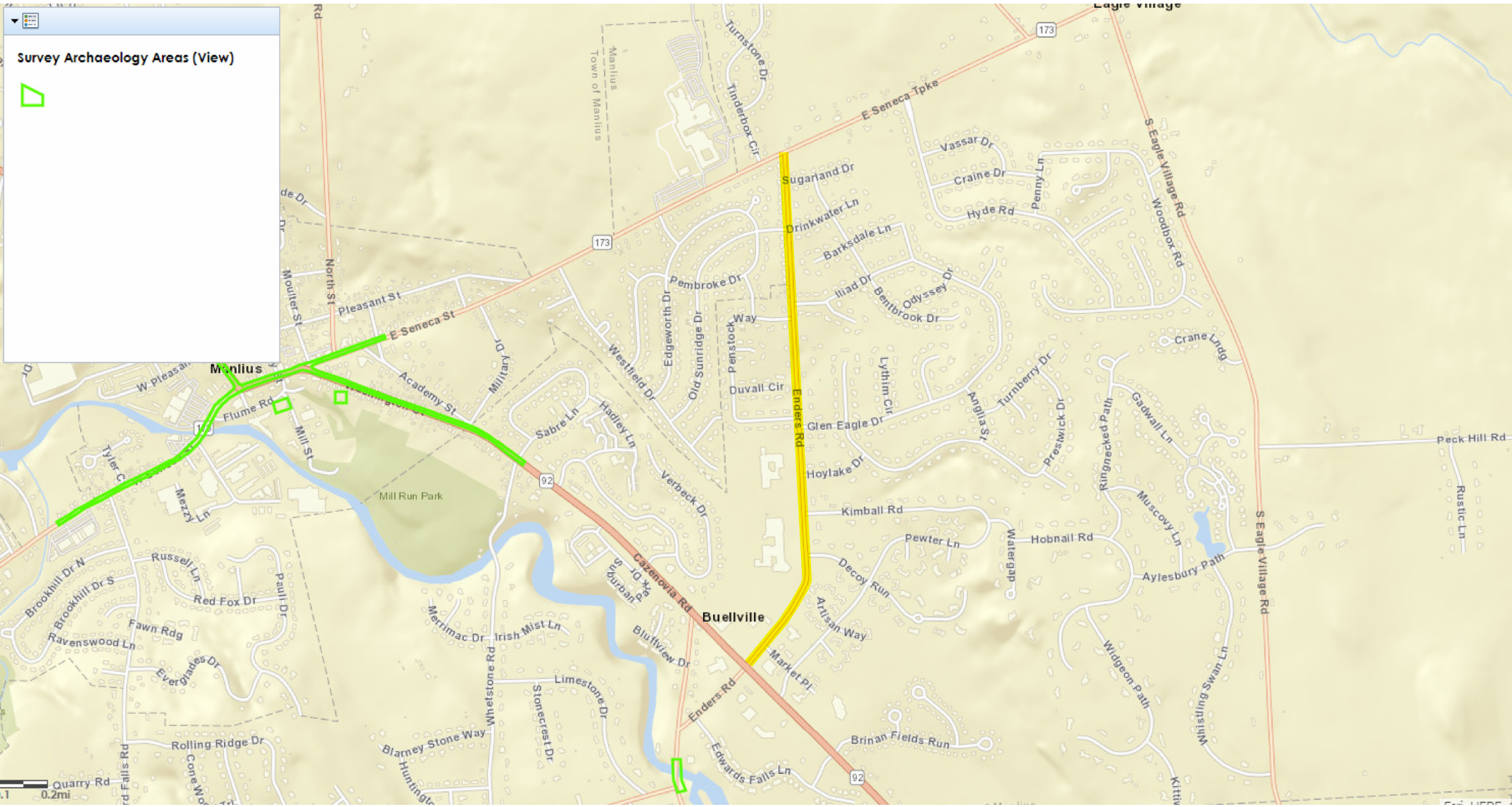
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/27/2024 at 2:01 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

ATTACHMENT F



- Increased Time Off
  - Proposal:
    - 4 additional personal days for a total of 5 (not to carry over from year to year)
    - Keep sick as is (5 days)
    - Vacation (not to carry over from year to year):
      - 1 year – 1 week
      - 2 to 5 years – 2 weeks
      - 6 to 10 years – 3 weeks
      - 11 to 15 years – 4 weeks
      - 16 to 20 years – 5 weeks
      - 21+ years – 6 weeks

- Parental Leave

  This discussion originally began as "paternity leave" in response to our younger employee population growing their families. Currently, the town does not have a designated leave policy for male employees when their spouse or significant other gives birth, nor is there a leave policy for any employee in the case of adoption. Implementing a parental leave policy will ensure that all employees have the opportunity to take time off when welcoming a new child into their family. The current proposed and agreed upon policy would provide two weeks of leave for this purpose. A discussion of adding additional parental leave is forthcoming.

INTERMUNICIPAL AGREEMENT REGARDING SHARED SERVICES OF CERTIFIED BUILDING SAFETY INSPECTOR

THIS AGREEMENT, made and entered into this _____ day of December, 2024 (with an effective date of January 1, 2025), between the VILLAGE OF FAYETTEVILLE, a municipal cooperation of the State of New York, 425 East Genesee Street, Fayetteville, New York 13066 ("Fayetteville") and the TOWN OF MANLIUS, a municipal corporation of the State of New York 301 Brooklea Drive, Fayetteville, New York 13066 ("Manlius").

WITNESSETH:

Whereas, Fayetteville and Manlius have each enacted local laws to administer the New York State Fire Prevention and Building Code (the "Code") which Code contemplates a Certified Building Safety Inspector (the "Inspector") to perform annual fire inspections on certain properties identified by the Town ("Services"), and

Whereas, Manlius is in need of Services due to staff shortages, and, Fayetteville is willing to provide the Services, and

Whereas, the parties wish to memorialize the arrangement whereby the Village would provide the Services for the Town upon the effective date until December 31, 2025, pursuant to the provisions of General Municipal Law Section 119-O.

NOW, THEREFORE, IT IS HEREBY AGREED, by the Village and the Town as follows:

1. In providing Services to the Town, the Village shall make available and provide a duly trained or qualified Inpsector to the Town for the purpose of performing the Services.
2. To facilitate the responding Village's Inspector's furnishment and administration of Services on behalf of the Town, any authority heretofore conferred upon the Town's Inspector pursuant to the Town's Code or other applicable law, rule, or regulation, is hereby conferred upon the Village's Inspector.
3. For the sole purpose and to the extent necessary in order to give official status to the acts of the Village's Inspector when performing municipal duties and functions for the Town, said Village's Inspector shall be considered a duly appointed official of the Town, authorized to perform Services in and on behalf of the Town.

4. The Town shall provide such supplies, materials, staff, and other items needed for the Village's Inspector to perform Services in and for the Town.
5. The Village shall respond to any need and request for the Services as soon as able.
6. The parties agree that the Village Inspector shall at all times while performing the Services, remain an employee of such Village and shall not be an employee of the Town. As such, all personnel costs associated with the Village, which shall include, but are not limited to compensation, benefits, Workers Compensation insurance, and retirement, shall continue to remain the exclusive responsibility of the Village. Accordingly, the Village shall:
   (a) be responsible for injury to its own Inspector when said Inspector is providing cooperative Services, but only if it is a Workers' Compensation injury.
   (b) Pay its Inspector as it would if the Services were being performed for the Village. Notwithstanding this provision, when providing the Services, the Town shall make payment for the Services in the amount of $12,000.00 payable in twelve (12) lump sums of $1,000.00 the first being due and payable on January 1, 2025 and each successive $1,000.00 payment being payable on the 1st of each following month.
   (c) Except as otherwise set forth herein this Agreement, the Town shall be liable for the Village Inspector's actions which occur in the performance of such Services, and shall indemnify and hold the Village harmless with respect to same, including any attorneys' fees incurred resulting therefrom or related thereto, unless such actions result from the Village's and/or the Village Inspector's gross negligence or willful misconduct.
7. The Town does hereby agree to obtain and thereafter continue to keep in full force and effect general liability insurance, and public officers' liability insurance relative to this Agreement during all phases of the performances of the various provisions to be performed herein naming the Village as an additional insured in an acceptable format to the Village. The Village does hereby agree to obtain and thereafter continue to keep in full force and effect general liability insurance, and public officers' liability insurance relative to this Agreement during all phases of the performances of the various provisions to be performed herein naming the Town as an additional insured in

an acceptable format to the Town. This Agreement shall not become effective unless and until acceptable proof of insurance has been received by the Village and the Town.

8. The term of this Agreement shall be from the date of acceptance to December 31, 2025, at which point the Village shall be under no further obligation to perform hereunder. Notwithstanding anything contained herein this Agreement to the contrary, this Agreement may be terminated at any time by passage of a resolution terminating same by the governing board of a party to the Agreement. A copy of the resolution shall be promptly filed with the Clerk of each local government following its passage. However, obligations previously incurred are not extinguished by the termination of the Agreement.
9. It is contemplated by the signors of this Agreement that this Agreement will be ratified by their respective boards as soon as possible. This instrument shall be executed in multiple copies. At least one copy shall be permanently filed, after execution thereof, in the office of the Clerks of the Village and the Town.
10. This Agreement may be executed in counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.
11. This Agreement represents the entire agreement of the parties and may not be modified or amended except in writing duly approved by each of the parties.
12. This Agreement specifically rescinds, replaces and supersedes any and all previous agreements between parties related to shared Services, including but not limited to any previous agreement between the Village and the Town.
13. This Agreement may be terminated at any time by passage of a resolution terminating same by the governing board of a party to the Agreement. A copy of the resolution shall be promptly filed with the Clerk of each local government following its passage. However, obligations previously incurred are not extinguished by the termination of the Agreement. Notwithstanding the foregoing, in the event of termination, the Town's obligations for payments shall only be incurred through the date of termination.

IN WITNESS WHEREOF, the parties hereto affix their hands and seals the dates set forth below.

Dated: _____, 2024

VILLAGE OF FAYETTEVILLE

By: _____
Name:
Title:

Dated: _____, 2024

TOWN OF MANLIUS

By: _____
Name:
Title:

STATE OF NEW YORK)

COUNTY OF ONONDAGA) ss.:

On the ____ day of Decemberin the year 2024 before me, the undersigned, a Notary Public in and for said State, personally appeared **_____,** personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____

NOTARY PUBLIC

STATE OF NEW YORK)

COUNTY OF ONONDAGA) ss.:

On the ____ day of December in the year 2024 before me, the undersigned, a Notary Public in and for said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____

NOTARY PUBLIC

MASTER SERVICES AGREEMENT

THIS MASTER SERVICES AGREEMENT ("**Agreement**"), dated _____ ("**Effective Date**"), is between Life Safety Inspection Vault LLC, an Idaho limited liability company ("**LIV**"), and The Town Of Manlius, New York, a municipal corporation of the State of New York with a principal place of business at 301 Brooklea Drive, 301 Brooklea Drive, Fayetteville, NY 13066 ("**Client**"). The term "**Agreement**" means, collectively, this Agreement, the applicable Registration Form(s), the applicable SOW(s), and any operating rules, policies, and procedures that LIV may publish from time to time. LIV and Client agree as follows:

SECTION 1. ENGAGEMENT; SERVICES; DUTIES

1.1 Engagement. Subject to the terms and conditions of this Agreement, Client engages LIV to provide Client with web-based management of the Client's fire safety system permitting (collectively, the "**Services**"). LIV will provide the Services through LIV's proprietary web-based application that will allow the Client to track and drive code compliance, reduce false alarm activity, and provide a safer community (the "**Vault**"). The Vault provides a secure cloud environment in which third party contractors that inspect, test, and maintain fire protections systems can submit their reports via LIV's web application directly to the Client, facilitating a more efficient review, tracking, and follow-up process with occupants to correct deficiencies and maintain systems. As part of the Services, LIV provides a proactive service, in addition to the Vault, that includes hard and soft copy notifications sent to building owners and follow up phone calls to help increase testing and maintenance activity within the jurisdiction. Client will specify the Services it wishes LIV to provide by executing a Statement of Work ("**SOW**") substantially in the form attached as Exhibit A to this Agreement. If LIV agrees to provide those Services, LIV will countersign that SOW and will provide the indicated Services to Client under the terms and conditions of this Agreement. The term "**Services**" includes those items described above as well as any other items described on each SOW.

1.2 Designation of Key Personnel. LIV's "**Representative**" is Cole Harding, phone: 855-225-4822, e-mail: Cole.harding@livsafe.com. The Client's "**Representative**" is Tom Poitras, phone: 315 637 8619, e-mail: tpoitras@townofmanlius.org. Client and LIV will each use best efforts to keep the same key personnel assigned to this engagement throughout the Term. If it becomes necessary for LIV to replace any key personnel, the replacement will be an individual having equivalent experience and competence in executing projects such as the one described in this Agreement.

1.3 LIV's Responsibilities. LIV shall fully and timely provide all deliverables described in this Agreement and in each SOW in material compliance with the terms, covenants, and conditions of the Agreement and all applicable Federal, State, and local laws, rules, and regulations (collectively, "**Laws**"). LIV will provide all technical and professional expertise, knowledge, management, and other resources required for accomplishing all aspects of the tasks and associated activities identified in each accepted SOW. If the need arises for LIV to perform services beyond those stated in a particular SOW, LIV and the Client shall negotiate

mutually agreeable terms and compensation for completing the additional services. LIV shall coordinate an annual business review meeting with representatives designated by each party either via teleconference or in person within 60 days before each anniversary of the Effective Date. Client may request that these meetings occur more frequently.

1.4 Client's Responsibilities . Client's Representative will be responsible for exercising general oversight of LIV's activities in completing each SOW. Specifically, the Client's Representative will represent the Client's interests in resolving day-to-day issues that may arise during the term of this Agreement, shall participate regularly in conference calls or meetings for status reporting, shall promptly review any written reports submitted by LIV. The Client's Representative shall give LIV timely feedback on the acceptability of progress and task reports.

SECTION 2. COMPENSATION

2.1 Management Fee .

2.1.1 Unless a certain report type is noted as an exception on applicable SOW (each, an "**Exception**"), LIV will collect and retain for each system inspection submitted a fixed fee of $15.00 US (the "**Fixed Fee**"). The Fixed Fee will be due and payable by the Client once each system inspection is submitted. The Fixed Fee for any Exceptions will not exceed $15 per report. The parties will meet and review the Fixed Fee on or about each anniversary of the Effective Date. For clarity, the Fixed Fee is paid by the Client and the end users (*e.g.*, the inspector) are not billed for any fees.

2.1.2 As payment for the 2025 Services, LIV will invoice the Client $4,000 upon full execution of this Agreement ("**2025 Retainer**"). Upon payment in full of the amount, Client and its Registered Users will be granted access to the Vault and may begin accepting inspection reports and otherwise utilizing the Services. LIV will collect the Fixed Fees as and when they become due and payable by offsetting against the 2025 Retainer. Regardless of the number of system inspections submitted, LIV's minimum fee in any year of the Term is $2,000 ("**Minimum Fee**"). If the total Fixed Fees that become due and payable in calendar year 2025 exceed the 2025 Retainer, LIV will invoice Client for the excess at the end of the calendar quarter in which the 2025 Retainer is exhausted and quarterly thereafter. Payment terms for all invoices are Net 30 days from the date of the invoice. If the total Fixed Fees that become due and payable in calendar year 2025 are less than the 2025 Retainer, LIV will, after collecting any amounts necessary to satisfy the Minimum Fee, refund the excess to Client or credit the excess against future Fixed Fees that become due and payable in subsequent years. For clarity, the maximum refund or credit Client would receive in any year is $2,000 (assuming a $4,000 retainer).

2.1.3 LIV will also collect any additional fees that Client charges in connection with the activities relating to the premises in question (the "**Inspection Fees**"). The Inspection Fees will be determined solely by Client. If Client elects under the applicable SOW, it may add an administration fee to the Inspection Fees charged to the Client's customers. If so, LIV will collect that administration fee in addition to the Inspection Fees. If Client elects to include any Inspection

Fees, then within 30 days following the end of each calendar quarter, LIV will remit to Client the amount of Inspection Fees collected during such quarter.

SECTION 3. TERM AND TERMINATION

3.1 Term of Agreement. The term of this Agreement will be for an initial period commencing on the Effective Date and running through the date that is 1 year from the Effective Date ("**Initial Term**"). Thereafter, the Term will automatically be renewed for 2 additional one-year terms (each, a "**Renewal Term**," and collectively with the Initial Term, the "**Term**") if, no later than 60 days before the expiration of the initial Term or any successive Renewal Term, Client notifies LIV of its intent to renew the Term.

3.2 Termination. In addition to any other express termination right set forth in this Agreement:

3.2.1 Either party may terminate this Agreement, without cause, effective on 90 days written notice to the other party;

3.2.2 Either party may terminate this Agreement, effective on written notice to the other party, if the other Party materially breaches this Agreement, and such breach: (a) is incapable of cure; or (b) is capable of cure and remains uncured 30 days after the non-breaching party provides the breaching party with written notice of such breach; or

3.2.3 Either party may terminate this Agreement, effective immediately upon written notice to the other party, if the other party: (a) becomes insolvent or is generally unable to pay, or fails to pay, its debts as they become due; (b) files or has filed against it, a petition for voluntary or involuntary bankruptcy or otherwise becomes subject, voluntarily or involuntarily, to any proceeding under any domestic or foreign bankruptcy or insolvency law; (c) makes or seeks to make a general assignment for the benefit of its creditors; or (d) applies for or has appointed a receiver, trustee, custodian, or similar agent appointed by order of any court of competent jurisdiction to take charge of or sell any material portion of its property or business.

3.3 Effect of Expiration or Termination. Upon expiration or earlier termination of this Agreement, Client shall immediately discontinue use of the LIV IP and, without limiting Client's obligations under Section 8, Client shall delete, destroy, or return all copies of the LIV IP and certify in writing to the LIV that the LIV IP has been deleted or destroyed. No termination will affect LIV's responsibility to remit any and all fees collected pursuant to Section 2 of this Agreement.

3.4 Survival. This Section 3.4 and Section 2, Section 3.3, Section 4.2, Section 7, Section 8, Section 11, Section 12, and Section 14 survive any termination or expiration of this Agreement. No other provisions of this Agreement survive the expiration or earlier termination of this Agreement.

SECTION 4. WARRANTIES; LIMITATIONS

4.1 Warranty .

4.1.1 Vault and Services Warranties . LIV represents and warrants to Client that all Services to be provided to the Client under the Agreement will be fully and timely performed in accordance with the terms, conditions, and covenants of the Agreement, and all Laws, and that Vault will perform, in all material respects, in accordance with the specifications. While LIV does not warrant the accuracy of the information that is put into Vault by third party inspectors, LIV will take all prudent and necessary steps to ensure its proper and accurate retention, transmission, and provision to Client. Notwithstanding termination of this Agreement for any reason, at all times, the Client will have the ability to access and download all Client Data and related records. LIV further represents and warrants to the Client that LIV has all rights necessary in and to any patent, copyright, trademark, service mark or other intellectual property right used in, or associated with, the Vault and the Services, and that LIV is duly authorized to enter into this Agreement and provide the Vault and the Services to the Client under this Agreement.

4.1.2 Non-Suspension or Debarment . LIV certifies that it and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the General Services Administration List of Parties Excluded from Federal Procurement and Non-Procurement Programs, or any other state or local government.

4.2 Limitations; Disclaimer of Warranties . All information entered into Vault is produced by third party inspectors and their agents. THEREFORE, LIV SPECIFICALLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE ACCURACY OR COMPLETENESS OF ANY INFORMATION ENTERED INTO VAULT BY EITHER CLIENT OR THIRD PARTY INSPECTORS. EXCEPT AS SET FORTH IN THIS Section 4, VAULT AND THE SERVICES ARE PROVIDED "AS IS" AND "WITH ALL FAULTS" AND "AS AVAILABLE" AND LIV DOES NOT WARRANT THAT VAULT OR THE SERVICES WILL BE UNINTERRUPTED, TIMELY, SECURE, OR ERROR FREE. LIV MAKES NO REPRESENTATIONS OR WARRANTIES THAT VAULT OR THE SERVICES WILL PROVIDE ANY PARTICULAR RESULTS. EXCEPT AS SET FORTH IN THIS Section 4, LIV DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NONINFRINGEMENT. THIS DISCLAIMER OF WARRANTY EXTENDS TO CLIENT, CLIENT'S CUSTOMERS, AND ALL OTHER USERS, AND NO DESCRIPTIONS OR SPECIFICATIONS, WHETHER OR NOT INCORPORATED INTO THIS AGREEMENT OR ANY SCHEDULE, EXHIBIT, ANNEX, OR DOCUMENTATION WILL CONSTITUTE WARRANTIES OF ANY KIND. LIV'S SOLE LIABILITY FOR BREACH OF THE WARRANTY SET FORTH IN THIS Section 4, AND CLIENT'S SOLE REMEDY, IS THAT LIV WILL, SUBJECT TO Section 11 AND Section 12, INDEMNIFY AND HOLD CLIENT HARMLESS FROM AND AGAINST ANY LOSS, SUIT, DAMAGE, CLAIM, OR DEFENSE ARISING OUT OF BREACH OF THE REPRESENTATION AND WARRANTY.

SECTION 5. PROPRIETARY RIGHTS

5.1 Proprietary Rights . LIV retains all right, title and interest in and to Vault, the Services, any derivative works or modifications thereof (the "**Derivative Works**"), any accompanying documentation, manuals or other materials used or supplied under this Agreement or with respect to Vault, the Services, or any Derivative Works (the "**Documentation**"), any reproductions works made thereof, and any other LIV IP (as that term is defined in Section 6.1). Client shall not remove any product identification or notices of such proprietary rights from Vault or the Services. Except for the limited use rights established under this Agreement, Client has no right, title, or interest in or to Vault, the Services, any Derivative Works, the Documentation, or any other LIV IP.

5.2 Use of Trademarks . During the Term, LIV may use the Client's trademarks and logos for the purpose of providing Vault and the Services to Client, and Client hereby grants LIV the right to use Client's trademarks and logos for said purposes. LIV may not, without Client's prior written consent, use Client's trademarks or logos for any other purpose, including promotional services or commercial services not directly related to the provision of Services under this Agreement.

SECTION 6. SOFTWARE AS A SERVICE TERMS AND CONDITIONS

6.1 Definitions .

6.1.1 "**Aggregated Statistics**" means data and information related to Client's use of Vault that is used by LIV in an aggregate and anonymized manner, including compiling statistical and performance information related to the provision and operation of Vault.

6.1.2 "**Authorized User**" means Client's employees, consultants, contractors, and agents as indicated on the Registration Form (i) who are authorized by Client to access and use Vault under the rights granted to Client by this Agreement and (ii) for whom access to Vault has been purchased under this Agreement. Third party inspectors will not be considered employees, agents, consultants, or contractors of Client unless specifically designated in writing by the Client.

6.1.3 "**Client Data**" means, other than Aggregated Statistics, information, data, and other content, in any form or medium, that is submitted, posted, or otherwise transmitted by or on behalf of Client, a third party inspector, or an Authorized User through Vault.

6.1.4 "**LIV IP**" means Vault, the Documentation, and any intellectual property provided to Client or any Authorized User in connection with the foregoing. LIV IP includes Aggregated Statistics and any information, data, or other content derived from LIV's monitoring of Client's access to or use of Vault, but does not include Client Data.

6.1.5 "**Registration Form**" means the order form filled out and submitted by or on behalf of Client, and accepted by LIV, for Client's access to Vault under this Agreement.

6.2 Access and Use .

6.2.1 Registration . In order to use Vault, Client must: (a) provide certain current, complete, and accurate information about Client as prompted to do so by the Registration Form order to enroll as a Vault user, as applicable; and (b) maintain and update such registration information ("**Registration Data**") as required to keep such information current, complete, and accurate. If any Registration Data that Client provides is untrue, inaccurate, not current or incomplete, LIV may terminate Client's account and Client's rights to use Vault.

6.2.2 Provision of Access . Subject to and conditioned on Client's compliance with the terms and conditions of this Agreement, LIV hereby grants Client a non-exclusive, non-transferable right to access and use Vault during the Term, solely for use by Authorized Users in accordance with the terms and conditions of this Agreement. Such use is limited to Client's internal use. LIV shall provide to Client the necessary passwords and network links or connections to allow Client to access Vault.

6.2.3 Fees . There are no fees for access to and the use of the Vault.

6.2.4 Documentation License . Subject to the terms and conditions contained in this Agreement, LIV hereby grants to Client a non-exclusive, non-sublicensable, non-transferable license to use the Documentation during the Term solely for Client's internal business purposes in connection with its use of Vault.

6.2.5 Use Restrictions . Client shall use Vault only for the benefit of Client, shall use commercially reasonable efforts to prevent the unauthorized use or disclosure of Vault, and shall not use Vault for any purposes beyond the scope of the access granted in this Agreement. Client shall not at any time, directly or indirectly, and shall not permit any Authorized Users to: (i) copy, modify, or create derivative works of Vault or any Documentation, in whole or in part; (ii) rent, lease, lend, sell, license, sublicense, assign, distribute, publish, transfer, or otherwise make available Vault or the Documentation; (iii) reverse engineer, disassemble, decompile, decode, adapt, or otherwise attempt to derive or gain access to any software component of Vault, in whole or in part; (iv) remove any proprietary notices from Vault or the Documentation; (v) use Vault or the Documentation in any manner or for any purpose that infringes, misappropriates, or otherwise violates any person's intellectual property or other rights, or that violates any Law; (vi) interfere with or disrupt the integrity or performance of Vault or the Services or any third-party data contained therein. Client will not be liable for and will have no obligations as to use of the Vault by third party contractors that inspect, test, and maintain fire protections systems.

6.2.6 Reservation of Rights . LIV reserves all rights not expressly granted to Client in this Agreement. Except for the limited rights and licenses expressly granted under this Agreement, nothing in this Agreement grants, by implication, waiver,

estoppel, or otherwise, to Client or any third party any intellectual property rights or other right, title, or interest in or to the LIV IP.

6.2.7 Data Storage . LIV shall not place any limit on the amount of memory or other computer storage that Client may utilize through Vault.

6.2.8 Suspension . Notwithstanding anything to the contrary in this Agreement, LIV may temporarily suspend Client's and any Authorized User's access to any portion or all of Vault if:

(a) LIV reasonably determines that (i) there is a threat or attack on any of the LIV IP; (ii) Client's or any Authorized User's use of the LIV IP disrupts or poses a security risk to the LIV IP or to any other customer or vendor of LIV; (iii) Client, or any Authorized User, is using the LIV IP for fraudulent or illegal activities; (iv) subject to Law, Client has ceased to continue its business in the ordinary course, made an assignment for the benefit of creditors or similar disposition of its assets, or become the subject of any bankruptcy, reorganization, liquidation, dissolution, or similar proceeding; or (v) LIV's provision of Vault to Client or any Authorized User is prohibited by Law; or

(b) Any vendor of LIV has suspended or terminated LIV's access to or use of any third-party services or products required to enable Client to access Vault; (any such suspension described in subsections 6.2.8(a) and 6.2.8(b), a "**Service Suspension**").

LIV will use commercially reasonable efforts to provide written notice of any Service Suspension to Client and to provide updates regarding resumption of access to Vault following any Service Suspension. LIV will use commercially reasonable efforts to resume providing access to Vault as soon as reasonably possible after the event giving rise to the Service Suspension is cured. LIV will have no liability for any damages, liabilities, losses (including any loss of data or profits), or any other consequences that Client or any Authorized User may incur as a result of a Service Suspension.

6.2.9 Aggregated Statistics . Notwithstanding anything to the contrary in this Agreement, LIV may monitor Client's use of Vault and collect and compile Aggregated Statistics. As between LIV and Client, all right, title, and interest in Aggregated Statistics, and all intellectual property rights therein, belong to and are retained solely by LIV. Client acknowledges that LIV may compile Aggregated Statistics based on Client Data input into Vault. LIV may (i) make Aggregated Statistics publicly available in compliance with applicable Law, and (ii) use Aggregated Statistics to the extent and in the manner permitted by Law; provided that such Aggregated Statistics do not identify Client or Client's Confidential Information.

6.2.10 LIV Responsibilities and Uptime . LIV is responsible for the acquisition and operation of all hardware, software, and network support related to Vault (other than those required for Client to connect to the internet and access Vault). The technical and professional activities required for establishing, managing, and maintaining the Vault environment are LIV's responsibilities. LIV will take all reasonable and necessary steps to make

Vault, but does not guarantee that Vault will be, available 24-7/365 (subject to maintenance downtime).

6.3 Equitable Relief . Any breach or threatened breach by Client of any of its obligations under Section 6.2.5 would cause LIV irreparable harm for which monetary damages would not be an adequate remedy. As such, in the event of a breach or threatened breach of Client's obligations under Section 6.2.5, LIV will be entitled to equitable relief, including a restraining order, an injunction, specific performance, and any other relief that may be available from any court, without any requirement to post a bond or other security, or to prove actual damages or that monetary damages are not an adequate remedy. Such remedies are in addition to all other remedies that may be available at law, in equity or otherwise.

6.4 Client Responsibilities . Client is responsible and liable for all uses of Vault and any Documentation resulting from access directly provided by Client. Without limiting the generality of the foregoing, Client is responsible for all acts and omissions of Authorized Users, and any act or omission by an Authorized User that would constitute a breach of this Agreement if taken by Client will be deemed a breach of this Agreement by Client. Client shall use reasonable efforts to make all Authorized Users aware of this Agreement's provisions as applicable to such Authorized User's use of Vault, and shall cause Authorized Users to comply with such provisions.

6.5 Termination and Suspension of Service . If this Agreement is terminated, LIV will implement an orderly return of Client Data in a format readable and useable in Microsoft Excel within 30 days, and shall subsequently securely dispose of Client Data. Client will be entitled to any reasonable post-termination assistance required to ensure Client has received the Client Data in a useable form. LIV shall securely dispose of all requested data in all of its forms, such as disk, CD/DVD, backup tape, and paper, when requested by the Client. Data will be permanently deleted and not be recoverable, according to National Institute of Standards and Technology (NIST)-approved methods. LIV will provide certificates of destruction to Client upon request.

SECTION 7. INTELLECTUAL PROPERTY OWNERSHIP; FEEDBACK

7.1 LIV IP . Client acknowledges that, as between Client and LIV, LIV owns all right, title, and interest, including all intellectual property rights, in and to the LIV IP.

7.2 Client Data . LIV acknowledges that, as between LIV and Client, Client owns all right, title, and interest, including all intellectual property rights, in and to the Client Data. Client hereby grants to LIV a non-exclusive, royalty-free, worldwide license to reproduce, distribute, and otherwise use and display the Client Data, and perform all acts with respect to the Client Data, as may be necessary for LIV to provide Vault and the Services to Client. LIV may not, without Client's prior written consent, use, resell, redistribute, or republish the Client Data for any other purpose, including promotional services or commercial services, not directly related to the provision of Services under this Agreement.

7.3 Feedback . If Client or any of its employees or contractors sends or transmits any communications or materials to LIV by mail, email, telephone, or otherwise, suggesting or recommending changes to the LIV IP, including new features or functionality relating thereto, or any comments, questions, suggestions, or the like ("**Feedback**"), LIV is free to use such Feedback irrespective of any other obligation or limitation between the parties governing such Feedback. Client hereby assigns to LIV on Client's behalf, and on behalf of its employees, contractors, and agents, all right, title, and interest in, and LIV is free to use, without any attribution or compensation to any party, any ideas, know-how, concepts, techniques, or other intellectual property rights contained in the Feedback, for any purpose whatsoever, although LIV is not required to use any Feedback.

SECTION 8. CONFIDENTIAL INFORMATION

8.1 Definition . From time to time during the Term, one party may disclose or make available to the other information about the disclosing party's business affairs, products, confidential intellectual property, trade secrets, third-party confidential information, and other sensitive or proprietary information, whether orally or in written, electronic, or other form or media, and whether or not marked, designated or otherwise identified as "confidential" (collectively, "**Confidential Information**"). Confidential Information does not include information that, at the time of disclosure is: (a) in the public domain; (b) known to the receiving party at the time of disclosure, as demonstrated by the receiving party's written records; (c) rightfully obtained by the receiving party on a non-confidential basis from a third party; or (d) independently developed by the receiving party without reliance on the disclosing party's Confidential Information.

8.2 Nondisclosure and Nonuse .

8.2.1 The receiving party shall not disclose the disclosing party's Confidential Information to any person or entity, except to the receiving party's employees who have a need to know the Confidential Information for the receiving party to exercise its rights or perform its obligations under this Agreement. Further, the receiving party shall not, without the disclosing party's prior written permission use Confidential Information for purposes other than internal evaluation for so long as the Confidential Information must be maintained confidential, or analyze, disassemble for reverse engineering, or otherwise attempt to identify the intrinsic nature of any of the disclosing party's Confidential Information.

8.2.2 Notwithstanding the foregoing, the receiving party may disclose Confidential Information to the limited extent required (i) in order to comply with the order of a court or other governmental body, or as otherwise necessary to comply with applicable law; or (ii) to establish the receiving party's rights under this Agreement, including to make required court filings.

8.2.3 On the expiration or termination of the Agreement, the receiving party shall promptly return to the disclosing party all copies, whether in written, electronic, or other

form or media, of the disclosing party's Confidential Information, or destroy all such copies and certify in writing to the disclosing party that such Confidential Information has been destroyed.

8.2.4 The parties' respective obligations of non-disclosure and non-use with regard to Confidential Information are effective as of the Effective Date and will expire five years from the date of each disclosure of Confidential Information to the receiving party; provided, however, with respect to any Confidential Information that constitutes a trade secret (as determined under applicable Law), such obligations of non-disclosure will survive the termination or expiration of this Agreement for as long as such Confidential Information remains subject to trade secret protection under Law.

8.3 Breach; Equitable Relief . Each party acknowledges and agrees that a breach or threatened breach by a party of any of its obligations under this Section 8 would cause the non-breaching party irreparable harm for which monetary damages would not be an adequate remedy and agrees that, in the event of such breach or threatened breach, the non-breaching party will be entitled to equitable relief, including a restraining order, an injunction, specific performance and any other relief that may be available from any court, without any requirement to post a bond or other security, or to prove actual damages or that monetary damages are not an adequate remedy. Such remedies are not exclusive and are in addition to all other remedies that may be available at law, in equity or otherwise.

SECTION 9. STAFFING; WORK SITES; LAWS

9.1 Place and Condition of Work . Client shall provide LIV access to the sites where LIV is to perform the services as required in order for LIV to perform the services in a timely and efficient manner in accordance with and subject to the applicable security Laws.

9.2 Staffing . LIV is responsible for supplying its employees to perform the Services, and for supervising and directing those employees. LIV will ensure that its employees are reasonably competent and experienced to perform the Services. If, at any time during the performance of this Agreement Client finds that the performance of LIV's employees or subcontractors is unsatisfactory, Client may object to the assignment of such employee or subcontractor, and LIV shall assign another of its employees or subcontractors to perform the Services.

9.3 Compliance with Health, Safety, and Environmental Regulations . LIV and its employees will comply in all material respects with all applicable Laws in the performance of the Services, including those promulgated by the Client and by the Occupational Safety and Health Administration (OSHA).

SECTION 10. INSURANCE

. During the Term, LIV, at its cost and expense, shall purchase and maintain the insurance set forth in this Section 10. Coverage must be provided by companies qualified to do business in the state(s) in which the Services will be performed.

10.1 Workers' Compensation and Employers' Liability

. Workers' Compensation insurance must be provided as required by all applicable state laws. Employers' Liability insurance must be provided in amounts of at least $100,000 each accident for bodily injury by accident; $500,000 policy limit for bodily injury by disease; and $100,000 for each employee for bodily injury by disease.

10.2 Commercial General Liability . LIV will obtain and maintain a Commercial General Liability (Occurrence) policy, which policy shall include coverage for premises and operations, products and completed operations, contractual liability, broad form property damage, and personal injury liability. The policy must have a combined single limit for bodily injury and property damage of $1,000,000 each occurrence; $1,000,000 for personal injury liability; and $2,000,000 general aggregate.

10.3 Insurance Certificate . Upon request, LIV will provide Client with a certificate evidencing the required insurance coverages.

10.4 Notice of Policy Changes . The insurance policies required under this section must all provide that they will not be terminated, cancelled, or allowed to expire without 30 days' prior written notice to the insured. If so notified, LIV will notify Client of the change, timely procure replacement coverage, and provide a replacement certificate to Client.

SECTION 11. INDEMNIFICATION

11.1 LIV's Indemnification Obligations . LIV shall indemnify, defend, and hold harmless Client and its officers, directors, employees, agents, successors and permitted assigns (each, a "**Client Indemnitee**") from and against all losses, damages, liabilities, costs (including reasonable attorneys' fees) ("**Losses**") awarded against a Client Indemnitee in a final judgment and arising out of or resulting from any third party claim, suit, action or proceeding (each, a "**Third-Party Action**") for:

11.1.1 Bodily injury, death, or damage to real or tangible, personal property resulting from LIV's willful, fraudulent, or negligent acts or omissions;

11.1.2 Claims that allege Vault or the Services, or any use of Vault or the Services in accordance with this Agreement, infringes or misappropriates such third party's US patents, copyrights, or trade secrets; provided that this Section 11.1.2 will not apply to the extent that the alleged infringement arises from: (a) use of Vault or the Services in combination with data, software, hardware, equipment, or technology not provided by LIV or authorized by LIV in writing; (b) modifications to Vault or the Services not made by LIV; or (c) Client Data;

11.1.3 Any losses arising out of or related to LIV's breach of any of LIV's representations, warranties, or obligations under this Agreement; or

11.1.4 Any losses awarded against Client in a final judgment and arising out of or resulting from any Third-Party Action for bodily injury, death of any person or damage to real or

tangible, personal property, in each case resulting from LIV's grossly negligent or willful acts or omissions.

11.2 Client's Liability . Client shall not be required to indemnify or hold LIV harmless against liabilities arising from this Agreement. However, as between Client and LIV, and to the extent permitted by law and legally available funds, Client is responsible for and shall bear the risk of loss for, shall pay directly, and shall defend against any and all claims, liabilities, proceedings, actions, expenses, damages or losses arising under or related to:

11.2.1 Any Losses arising out of or related to Client's breach of any of Client's representations, warranties, or obligations under this Agreement; and

11.2.2 Any Losses awarded against LIV in a final judgment and arising out of or resulting from any Third-Party Action:

(a) For bodily injury, death of any person or damage to real or tangible, personal property resulting from Client's grossly negligent or willful acts or omissions; or

(b) Based on Client's or any Authorized User's (i) use of Vault or the Services in combination with data, software, hardware, equipment, or technology not provided by LIV or authorized by LIV in writing, or (ii) modifications to Vault or the Services not made by LIV.

11.3 Indemnification Procedures . The party seeking indemnification under this Agreement must promptly notify the indemnifying party in writing of any Action and cooperate with the indemnifying party at the indemnifying party's sole cost and expense. The indemnifying party shall immediately take control of the defense and investigation of such Action and shall employ counsel of its choice to handle and defend that Action, at the indemnifying party's sole cost and expense. The indemnifying party shall not settle any Action in a manner that adversely affects the rights of the indemnified party without the indemnified party's prior written consent, which shall not be unreasonably withheld or delayed. The indemnified party's failure to perform any obligations under this Section 11.3 will not relieve the indemnifying party of its obligations under this Section 11.3 unless, and then solely to the extent that, the indemnifying party can demonstrate that it has been materially prejudiced as a result of such failure. The indemnified party may participate in and observe the proceedings at its own cost and expense.

11.4 Infringement Remedy . If a Third-Party Action that would entitle Client to indemnification under Section 11.1.2 is made or appears possible, Client shall permit LIV, at LIV's sole discretion, to (a) modify or replace Vault or the Services, or component or part thereof, to make it non-infringing, or (b) obtain the right for Client to continue to use the item in question. If LIV determines that neither alternative is reasonably available, LIV may terminate this Agreement, either in its entirety or with respect to the affected component or part, effective immediately on written notice to Client. SECTION 11.1.2 AND THIS SECTION 11.4 SET FORTH CLIENT'S SOLE REMEDIES AND LIV'S SOLE LIABILITY AND OBLIGATION FOR ANY ACTUAL,

THREATENED, OR ALLEGED CLAIM THAT VAULT OR THE SERVICES INFRINGE, MISAPPROPRIATE, OR OTHERWISE VIOLATE ANY INTELLECTUAL PROPERTY RIGHTS OF ANY THIRD PARTY. LIV'S LIABILITY UNDER SECTION 11.1.2 AND THIS SECTION 11.4 IS SUBJECT TO THE LIABILITY LIMITS SET FORTH IN Section 12.

SECTION 12. ASSUMPTION OF RISK; LIMITATION OF LIABILITY

12.1 Risks Inherent to Internet . Client acknowledges that: (a) the Internet is a worldwide network of computers; (b) communication on the Internet may not be secure; (c) the Internet is beyond LIV's control; and (d) LIV does not own, operate or manage the Internet. Client also acknowledges that there are inherent risks associated with using Vault and the Services, including the risk of breach of security, the risk of exposure to computer viruses and the risk of interception, distortion, or loss of communications. Client assumes the general risks arising from utilization of the internet knowingly and voluntarily. Without limiting the foregoing, Client hereby assumes the risk of, and LIV will have no responsibility or liability of any kind under this Agreement for: (1) errors in Vault or the Services resulting from misuse, negligence, revision, modification, or improper use of all or any part of Vault or the Services by any entity other than LIV or its authorized representatives, employees, contractors, or consultants; (2) Client's use of any version of Vault other than the then-current unmodified version provided to Client; (3) Client's failure to timely or correctly install any updates to Vault; (4) problems caused by connecting or failure to connect to the Internet; (5) failure to provide and maintain the technical and connectivity configurations for the use and operation of Vault that meet LIV's recommended requirements; (6) nonconformities resulting from or problems to or caused by non-LIV products or services; or (7) data or data input, output, accuracy, and suitability, which will be deemed to be under Client's exclusive control. The assumption of risk stated in clause (1) of the preceding sentence will only apply if LIV has taken commercially reasonable steps to prevent and safeguard against the types of errors listed in that clause (1).

12.2 Exclusion of Certain Damages; Limitation of Liability . IN NO EVENT WILL LIV BE LIABLE UNDER OR IN CONNECTION WITH THIS AGREEMENT UNDER ANY LEGAL OR EQUITABLE THEORY, INCLUDING BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, AND OTHERWISE, FOR ANY: (a) CONSEQUENTIAL, INCIDENTAL, INDIRECT, EXEMPLARY, SPECIAL, ENHANCED, OR PUNITIVE DAMAGES; (b) INCREASED COSTS, DIMINUTION IN VALUE OR LOST BUSINESS, PRODUCTION, REVENUES, OR PROFITS; (c) LOSS OF GOODWILL OR REPUTATION; (d) USE, INABILITY TO USE, LOSS, INTERRUPTION, DELAY OR RECOVERY OF ANY DATA, OR BREACH OF DATA OR SYSTEM SECURITY; OR (e) COST OF REPLACEMENT GOODS OR SERVICES, IN EACH CASE REGARDLESS OF WHETHER LIV WAS ADVISED OF THE POSSIBILITY OF SUCH LOSSES OR DAMAGES OR SUCH LOSSES OR DAMAGES WERE OTHERWISE FORESEEABLE.

12.3 Exceptions . The exclusions and limitations in Section 12.2 do not apply to: (a) damages or other liabilities arising out of or relating to a party's failure to comply with its obligations under Section 8 (Confidential Information); (b) damages or other liabilities arising out of or relating to a party's willful misconduct or intentional acts; (c) Third-Party Actions

for death or bodily injury or damage to real or tangible personal property resulting from a party's willful or grossly negligent acts or omissions; and (d) a party's obligation to pay attorneys' fees and court costs in accordance with Section 14.5.

SECTION 13. FORCE MAJEURE

13.1 Neither party will be liable or responsible to the other party, nor be deemed to have defaulted under or breached this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement (except for any obligations to make payments to the other party hereunder), when and to the extent such failure or delay is caused by or results from acts beyond the affected party's reasonable control, including (a) acts of God; (b) flood, fire or explosion; (c) war, invasion, riot or other civil unrest; (d) actions, embargoes or blockades in effect on or after the date of this Agreement; (e) national or regional emergency; (f) strikes, labor stoppages or slowdowns or other industrial disturbances; (g) compliance with any law or governmental order, rule, regulation or direction, or any action taken by a governmental or public authority, including imposing an embargo, export or import restriction, quota or other restriction or prohibition, or failing to grant a necessary license or consent; (h) shortage of adequate power or telecommunications or transportation facilities; or (i) any other event that is beyond the reasonable control of such party (each of the foregoing, a "**Force Majeure Event**").

13.2 A party whose performance is affected by a Force Majeure Event must give notice to the other party, stating the period of time the occurrence is expected to continue and must use diligent efforts to end the failure or delay and minimize the effects of such Force Majeure Event. The non-affected party may terminate this Agreement or any affected SOW if such failure or delay continues for a period of 60 days or more and, if the non-affected party is the Client, receive a refund of any amounts paid to the LIV in advance for the affected Services.

SECTION 14. MISCELLANEOUS

14.1 **Notices** . All notices permitted or required under this Agreement must be in writing and may be delivered (i) in person, with the date of notice being the date of personal delivery; (ii) by U.S. Mail, postage prepaid for certified or registered mail, return receipt requested, with the date of notice being three days following the date of the postmark on the return receipt; (iii) by nationally recognized delivery service such as Federal Express, with the date of notice being the date of delivery as shown on the confirmation provided by the delivery service; (iv) by e-mail, with confirmation of sending of the e-mail and a copy of the e-mail dispatched the same day by one of the methods in clauses (ii) and (iii), with the date of notice being the date of the e-mail. Notices must be addressed to the following addresses, or such other address as one party shall provide the other parties:

To LIV: Life Safety Inspection Vault LLC
Attn.: Manager
146 East Chubbuck Road, Suite C
Chubbuck, ID 83202
Phone: (208) 254-7718

E-mail: Cole.harding@livsafe.com

To Client: Town of Manlius
Attn.: Code Enforcement Officer
301 Brooklea Drive
Manlius, NY 13066

Phone: (315) 637 8619

Email: tpoitras@townofmanlius.org

14.2 Interpretation. Headings in this Agreement are for convenience only and will not affect its meaning. For purposes of this Agreement, (a) the words "include," "includes," and "including" will be deemed to be followed by the words "without limitation"; (b) the word "or" is not exclusive; and (c) the words "herein," "hereof," "hereby," "hereto," and "hereunder" refer to this Agreement as a whole. This Agreement must be construed simply according to its fair meaning and without regard to any presumption or rule requiring construction or interpretation against the party drafting an instrument or causing any instrument to be drafted. Each Registration Form, each SOW, and all exhibits other documents referred to in this Agreement must be construed with, and as an integral part of, this Agreement to the same extent as if they were set forth verbatim in the body of this Agreement.

14.3 Amendment and Modification; Waiver. No amendment to or modification of this Agreement is effective unless it is in writing and signed by an authorized representative of each Party. No waiver by any Party of any of the provisions hereof will be effective unless explicitly set forth in writing and signed by the Party so waiving. No waiver by either party of any default in performance by the other party, or any waiver by either party of any breach, or series of breaches, of any of the terms, covenants, or conditions of this Agreement will constitute a waiver of any subsequent breach of any such terms, covenants, or conditions.

14.4 Severability. If any provision of this Agreement is invalid, illegal, or unenforceable in any jurisdiction, such invalidity, illegality, or unenforceability will not affect any other term or provision of this Agreement or invalidate or render unenforceable such term or provision in any other jurisdiction. Upon such determination that any term or other provision is invalid, illegal, or unenforceable, the parties will negotiate in good faith to modify this Agreement so as to effect their original intent as closely as possible in a mutually acceptable manner in order that the transactions contemplated by this Agreement will be consummated as originally contemplated to the greatest extent possible.

14.5 Choice of Law; Attorneys' Fees. The parties intend for this Agreement to be construed and enforced under the laws of the State of New York, except for its choice of law provisions. The parties specifically exclude the application of the United Nations Convention on Contracts for the International Sale of Goods. The prevailing party in any proceeding will be entitled to recover in any judgment its reasonable attorneys' fees as may be allowed by the court, together with such court costs and damages as may be provided by Law.

14.6 Assignment . Neither Client nor LIV may assign any of its rights or delegate any of its obligations under this Agreement, in each case whether voluntarily, involuntarily, by operation of law or otherwise, without the other party's prior written consent, which consent may not be unreasonably withheld, delayed, or conditioned. Any purported assignment or delegation in violation of this Section 14.6 is void. No assignment or delegation will relieve the assigning or delegating party of any of its obligations under this Agreement. This Agreement is binding upon and inures to the benefit of the parties and their respective permitted successors and assigns.

14.7 Export Regulation . Vault and the Services utilize software and technology that may be subject to US export control laws, including the US Export Administration Act and its associated regulations. Client shall not, directly or indirectly, export, re-export, or release the Services or the underlying software or technology to, or make the Services or the underlying software or technology accessible from, any jurisdiction or country to which export, re-export, or release is prohibited by law, rule, or regulation. Client shall comply with all applicable federal laws, regulations, and rules, and complete all required undertakings (including obtaining any necessary export license or other governmental approval), before exporting, re-exporting, releasing, or otherwise making the Services or the underlying software or technology available outside the US.

14.8 US Government Rights . Each of the Documentation and the software components that constitute Vault and the Services is a "commercial item" as that term is defined at 48 C.F.R. § 2.101, consisting of "commercial computer software" and "commercial computer software documentation" as such terms are used in 48 C.F.R. § 12.212. Accordingly, if Client is an agency of the US Government or any contractor therefor, Client only receives those rights with respect to Vault, the Services, and the Documentation as are granted to all other end users, in accordance with (a) 48 C.F.R. § 227.7201 through 48 C.F.R. § 227.7204, with respect to the Department of Defense and its contractors, or (b) 48 C.F.R. § 12.212, with respect to all other US Government users and their contractors.

14.9 Entire Agreement . This Agreement, together with any other documents incorporated into this Agreement by reference, the Registration Form(s), and all SOW(s) constitutes the parties' sole and entire agreement with respect to the subject matter of this Agreement and supersedes all prior and contemporaneous understandings, agreements, and representations and warranties, both written and oral, with respect to such subject matter. If there is any inconsistency between the statements made in the body of this Agreement, the Registration Forms(s), the related Exhibits, and any other documents incorporated herein by reference, the following order of precedence governs: (i) first, this Agreement, excluding its exhibits; (ii) second, the applicable SOW; (iii) third, any Registration Form; and (iv) fourth, any other documents incorporated herein by reference.

14.10 Counterparts . This Agreement may be executed in any number of counterparts, each of which will be deemed to be an original, all of which constitute one and the same Agreement. Delivery of an executed counterpart signature page of this Agreement by

facsimile, electronic mail in portable document format (.pdf), or by any other electronic means intended to preserve the original graphic and pictorial appearance of a document, has the same effect as delivery of an executed original of this Agreement.

The parties are signing this Agreement as of the Effective Date.

LIFE SAFETY INSPECTION VAULT LLC,
an Idaho limited liability company

By: _____

Name: _____

Title: _____

TOWN OF MANLIUS,
a municipal corporation of the State of New York

By: _____

Name: _____

Title: _____

Budget Transfers - December 2024

From		
A00 5.1410.408 Town Clerk Printing/Ads		$77.00
To		
A00 5.1410.400 Town Clerk Contractual	$	77.00

From	
A00 5.1410.408 Town Clerk Printing/Ads	$3.88
To	
A00 5.1410.401 Town Clerk Office Supplies	$3.88

From	
A00 5.1110.100 Justices Personal Services	$74.90
To	
A00 5.1110.401Justices Office Supplies	$74.90

From	
A00 5.3120.100 Police Personal Services	$14,459.43
To	
A00 5.3120.101 Police Overtime Pay	$14,459.43

From	
A00 5.3120.100 Police Personal Services	$4,003.01
To	
A00 5.3120.102 Police Longevity Pay	$4,003.01

From	
A00 5.3120.100 Police Personal Services	$49,506.80
To	
A00 5.3120.103 Police Holiday Pay	$49,506.80

From	
A00 5.3120.465 Police Forensic	$59.49
To	
A00 5.3120.404 Police Books/Publications	$59.49

From	
A00 5.3120.400 Police Contractual	$1,769.67
To	
A00 5.3120.421 Police Phone	$1,769.67

From	
A00 5.3120.100 Police Personal Services	$45,000
To	
A00 5.3120.200 Police Equipment	$45,000

From

A00 5.3120.200 Police Equipment	$29,018.86
To	
A00 5.3120.412 Police Vehicle Repair	$29,018.86

From	
A00 5.1330.405 Receiver of Taxes IT	$200.00
To	
A00 5.1330.400 Receiver of Taxes Contract	$200.00

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

999-Pooled Cash

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
999.1.100	Pooled Cash - Investing	7,216,923.60		
999.1.101	Pooled Cash - Checking	3,712.67		
999.1.102	Pooled Cash - Payroll	244,955.96		
999.1.202	M&T Bank US Treasury Bill	2,120,474.84		
999.1.390	Due From Other Funds	48,150.30		
			9,634,217.37	
	TOTAL ASSETS			9,634,217.37
LIABILITIES				
999.2.600	Accounts Payable	48,150.30		
999.2.630	Due To Other Funds	9,586,067.07		
	TOTAL LIABILITIES		9,634,217.37	
EQUITY				
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			9,634,217.37

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

A00-General Fund Townwide

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
A00.1.200	Claim on Pooled Cash and CD's	2,771,480.75		
A00.1.210	Petty Cash-Tax	500.00		
A00.1.220	Petty Cash - Court	50.00		
A00.1.230	Petty Cash-Recreation	100.00		
A00.1.250	Taxes Receivable Current	(14,759.86)		
A00.1.380	Accounts Receivable	66,663.37		
A00.1.480	Prepaid Expenditures	740,001.96		
			3,564,036.22	
	TOTAL ASSETS			3,564,036.22
				==========
LIABILITIES				
==========				
A00.2.600	Pooled Accounts Payable	32,675.27		
A00.2.631	Due to Other Governments	14,247.75		
A00.2.688	Other Liabilities	1,009,209.92		
A00.2.690	Overpayments and Clearing Acct	(6,204.88)		
A00.2.700	Rec Dept Clearing Acct	45,734.55		
	TOTAL LIABILITIES		1,095,662.61	
EQUITY				
======				
A00.3.806	Not in Spendable Form	1,386,759.93		
A00.3.914	Assigned Approp Fund Balance	900,000.00		
A00.3.915	Assigned Unapp Fund Balance	(162.76)		
A00.3.917	Unassigned Fund Balance	(825,930.56)		
	TOTAL BEGINNING EQUITY	1,460,666.61		
	TOTAL REVENUE	11,999,200.12		
	TOTAL EXPENSES	10,991,493.12		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	1,007,707.00		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		2,468,373.61	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			3,564,036.22
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

B00-General Fund Part Town

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
B00.1.200	Claim on Pooled Cash and CD's	374,211.03		
B00.1.480	Prepaid Expenditures	3,192.44		
			377,403.47	
	TOTAL ASSETS			377,403.47
				==========
LIABILITIES				
==========				
B00.2.600	Pooled Accounts Payable	183.01		
	TOTAL LIABILITIES		183.01	
EQUITY				
======				
B00.3.806	Not in Spendable Form	16,372.41		
B00.3.914	Assigned Approp Fund Balance	245,000.00		
B00.3.915	Assigned Unapp Fund Balance	(2,916.20)		
B00.3.917	Unassigned Fund Balance	154,493.32		
	TOTAL BEGINNING EQUITY	412,949.53		
	TOTAL REVENUE	274,277.91		
	TOTAL EXPENSES	310,006.98		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	(35,729.07)		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		377,220.46	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			377,403.47
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

CM1-Police Special Revenue

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
CM1.1.200	Claim on Pooled Cash and CD's	(6,275.23)		
CM1.1.201	Police Revenue	4,982.99		
CM1.1.202	Police Reserve - AED/Donations	6,502.41		
CM1.1.203	Police Reserve - Stop DWI	65,110.64		
			70,320.81	
	TOTAL ASSETS			70,320.81
LIABILITIES				
EQUITY				
CM1.3.915	Assigned Unapp Fund Balance	71,952.06		
	TOTAL BEGINNING EQUITY	71,952.06		
	TOTAL REVENUE	2,336.91		
	TOTAL EXPENSES	3,968.16		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	(1,631.25)		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		70,320.81	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			70,320.81

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

CM2-MS4 Flood Water Study

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
CM2.1.201	MS 4	5,042.26		
			5,042.26	
	TOTAL ASSETS			5,042.26
LIABILITIES				
EQUITY				
CM2.3.915	Assigned Unapp Fund Balance	4,888.46		
	TOTAL BEGINNING EQUITY	4,888.46		
	TOTAL REVENUE	153.80		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	153.80		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		5,042.26	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			5,042.26

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

CM3-Sustainable Manlius

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
CM3.1.200	Claim on Pooled Cash	251.66		
CM3.1.201	Publicity Acct-Sustain Manlius	57,079.19		
			57,330.85	
	TOTAL ASSETS			57,330.85
LIABILITIES				
EQUITY				
CM3.3.915	Assigned Unapp Fund Balance	9,522.95		
	TOTAL BEGINNING EQUITY	9,522.95		
	TOTAL REVENUE	57,466.43		
	TOTAL EXPENSES	9,658.53		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	47,807.90		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		57,330.85	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			57,330.85

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

CM4-Court Special Revenue

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
CM4.1.201	DWI Arraignments	3,149.45		
			3,149.45	
	TOTAL ASSETS			3,149.45
LIABILITIES				
EQUITY				
CM4.3.915	Assigned Unapp Fund Balance	3,626.37		
	TOTAL BEGINNING EQUITY	3,626.37		
	TOTAL REVENUE	965.98		
	TOTAL EXPENSES	1,442.90		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	(476.92)		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		3,149.45	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			3,149.45

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

CM5-Parkland Trust

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
CM5.1.201	Parkland Fees	49,219.06		
			49,219.06	
	TOTAL ASSETS			49,219.06
LIABILITIES				
EQUITY				
CM5.3.915	Assigned Unapp Fund Balance	47,717.73		
	TOTAL BEGINNING EQUITY	47,717.73		
	TOTAL REVENUE	1,501.33		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	1,501.33		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		49,219.06	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			49,219.06

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

CM6-Watershed Stewards

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

DA0-Highway Fund Townwide

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
DA0.1.200	Claim on Pooled Cash and CD's	3,169,735.70		
DA0.1.231	Savings - Salt Storage Reserve	75,000.00		
DA0.1.480	Prepaid Expenses	16,953.41		
			3,261,689.11	
	TOTAL ASSETS			3,261,689.11
				==========
LIABILITIES				
==========				
DA0.2.600	Pooled Accounts Payable	11,536.41		
	TOTAL LIABILITIES		11,536.41	
EQUITY				
======				
DA0.3.806	Not in Spendable Form	106,031.21		
DA0.3.878	Capital Reserve Balance	75,000.00		
DA0.3.914	Assigned Approp Fund Balance	110,000.00		
DA0.3.915	Assigned Unapp Fund Balance	1,601,805.26		
	TOTAL BEGINNING EQUITY	1,892,836.47		
	TOTAL REVENUE	2,687,175.27		
	TOTAL EXPENSES	1,329,859.04		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	1,357,316.23		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		3,250,152.70	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			3,261,689.11
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

DB0-Highway -Part Town

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
DB0.1.200	Claim on Pooled Cash and CD's	1,187,927.84		
DB0.1.480	Prepaid Expenses	11,140.07		
			1,199,067.91	
	TOTAL ASSETS			1,199,067.91
				==========
LIABILITIES				
==========				
DB0.2.600	Pooled Accounts Payable	3,131.45		
	TOTAL LIABILITIES		3,131.45	
EQUITY				
======				
DB0.3.806	Not in Spendable Form	106,031.21		
DB0.3.914	Assigned Approp Fund Balance	210,000.00		
DB0.3.915	Assigned Unapp Fund Balance	872,129.15		
	TOTAL BEGINNING EQUITY	1,188,160.36		
	TOTAL REVENUE	2,423,098.00		
	TOTAL EXPENSES	2,415,321.90		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	7,776.10		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		1,195,936.46	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			1,199,067.91
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HA0-Landfill Capital Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
HA0.1.201	Landfill - Capital Outlay Cash	22,075.94		
			22,075.94	
	TOTAL ASSETS			22,075.94
LIABILITIES				
EQUITY				
HA0.3.915	Assigned Unapp Fund Balance	21,263.98		
	TOTAL BEGINNING EQUITY	21,263.98		
	TOTAL REVENUE	811.96		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	811.96		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		22,075.94	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			22,075.94

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HB0-Watervale Rd Water Ext

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HC0-Town Hall

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HD0-Thompson Sewer District

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
HD0.1.200	Claim on Pooled Cash and CD's	4.02		
HD0.1.201	Thompson - Capital Outlay Cash	4,542.99		
			4,547.01	
	TOTAL ASSETS			4,547.01
				==========
LIABILITIES				
==========				
EQUITY				
======				
HD0.3.915	Assigned Unapp Fund Balance	4,546.93		
	TOTAL BEGINNING EQUITY	4,546.93		
	TOTAL REVENUE	0.08		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	0.08		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		4,547.01	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			4,547.01
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HE0-Salt Storage Facility

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HG0-Highway Gararge Roof

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HH0-Highway Eqpt Reserve Fund

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

HW0-Town Hall Windows

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

K -Fixed Assets

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	==========
EQUITY				
======		_____	_____	==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SD1-Consolidated Drainage #1

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
SD1.1.200	Claim on Pooled Cash and CD's	(36,065.03)		
			(36,065.03)	
	TOTAL ASSETS			(36,065.03)
LIABILITIES				
EQUITY				
SD1.3.915	Assigned Unapp Fund Balance	(167,565.03)		
	TOTAL BEGINNING EQUITY	(167,565.03)		
	TOTAL REVENUE	131,500.00		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	131,500.00		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		(36,065.03)	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			(36,065.03)

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SD2-Donsolidated Drainage #2

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SD2.1.200	Claim on Pooled Cash and CD's	448,526.87		
			448,526.87	
	TOTAL ASSETS			448,526.87
				==========
LIABILITIES				
==========				
EQUITY				
======				
SD2.3.915	Assigned Unapp Fund Balance	267,537.99		
	TOTAL BEGINNING EQUITY	267,537.99		
	TOTAL REVENUE	185,124.88		
	TOTAL EXPENSES	4,136.00		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	180,988.88		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		448,526.87	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			448,526.87
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SD3-Consolidated Drainage #3

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SD3.1.200	Claim on Pooled Cash and CD's	543,229.53		
			543,229.53	
	TOTAL ASSETS			543,229.53
				==========
LIABILITIES				
==========				
EQUITY				
======				
SD3.3.915	Assigned Unapp Fund Balance	484,231.57		
	TOTAL BEGINNING EQUITY	484,231.57		
	TOTAL REVENUE	60,945.46		
	TOTAL EXPENSES	1,947.50		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	58,997.96		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		543,229.53	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			543,229.53
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SF1-Fayetteville Fire Protect

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SF1.1.200	Claim on Pooled Cash and CD's	3,072.58		
			3,072.58	
	TOTAL ASSETS			3,072.58
				==========
LIABILITIES				
==========				
EQUITY				
======				
SF1.3.915	Assigned Unapp Fund Balance	3,052.72		
	TOTAL BEGINNING EQUITY	3,052.72		
	TOTAL REVENUE	2,056,940.86		
	TOTAL EXPENSES	2,056,921.00		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	19.86		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		3,072.58	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			3,072.58
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SF2-Manlius Fire Proctection

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SF2.1.200	Claim on Pooled Cash and CD's	9,199.86		
			9,199.86	
	TOTAL ASSETS			9,199.86
				==========
LIABILITIES				
==========				
EQUITY				
======				
SF2.3.915	Assigned Unapp Fund Balance	11,415.87		
	TOTAL BEGINNING EQUITY	11,415.87		
	TOTAL REVENUE	1,836,948.43		
	TOTAL EXPENSES	1,839,164.44		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	(2,216.01)		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		9,199.86	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			9,199.86
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SF3-Minoa Fire Protection

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SF3.1.200	Claim on Pooled Cash and CD's	1,932.70		
			1,932.70	
	TOTAL ASSETS			1,932.70
				==========
LIABILITIES				
==========				
EQUITY				
======				
SF3.3.915	Assigned Unapp Fund Balance	1,834.24		
	TOTAL BEGINNING EQUITY	1,834.24		
	TOTAL REVENUE	1,225,099.46		
	TOTAL EXPENSES	1,225,001.00		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	98.46		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		1,932.70	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			1,932.70
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SF4-Kirkville Fire Department

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SF4.1.200	Claim on Pooled Cash and CD's	20.76		
			20.76	
	TOTAL ASSETS			20.76
				==========
LIABILITIES				
==========				
EQUITY				
======				
SF4.3.915	Assigned Unapp Fund Balance	19.22		
	TOTAL BEGINNING EQUITY	19.22		
	TOTAL REVENUE	245,070.54		
	TOTAL EXPENSES	245,069.00		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	1.54		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		20.76	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			20.76
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SL1-Overhead Lighting

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SL1.1.200	Claim on Pooled Cash and CD's	18,298.73		
			18,298.73	
	TOTAL ASSETS			18,298.73
				==========
LIABILITIES				
==========				
EQUITY				
======				
SL1.3.915	Assigned Unapp Fund Balance	9,754.34		
	TOTAL BEGINNING EQUITY	9,754.34		
	TOTAL REVENUE	25,676.16		
	TOTAL EXPENSES	17,131.77		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	8,544.39		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		18,298.73	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			18,298.73
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SL2-Underground Lighting

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SL2.1.200	Claim on Pooled Cash and CD's	21,812.69		
			21,812.69	
	TOTAL ASSETS			21,812.69
				==========
LIABILITIES				
==========				
EQUITY				
======				
SL2.3.915	Assigned Unapp Fund Balance	14,804.24		
	TOTAL BEGINNING EQUITY	14,804.24		
	TOTAL REVENUE	30,848.88		
	TOTAL EXPENSES	23,840.43		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	7,008.45		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		21,812.69	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			21,812.69
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SL3-Entry Lighting

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SL3.1.200	Claim on Pooled Cash and CD's	5,736.56		
			5,736.56	
	TOTAL ASSETS			5,736.56
				==========
LIABILITIES				
==========				
EQUITY				
======				
SL3.3.915	Assigned Unapp Fund Balance	5,174.08		
	TOTAL BEGINNING EQUITY	5,174.08		
	TOTAL REVENUE	1,687.86		
	TOTAL EXPENSES	1,125.38		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	562.48		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		5,736.56	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			5,736.56
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SL4-Garden Park Lighting

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SL4.1.200	Claim on Pooled Cash and CD's	4,312.01		
			4,312.01	
	TOTAL ASSETS			4,312.01
				==========
LIABILITIES				
==========				
EQUITY				
======				
SL4.3.915	Assigned Unapp Fund Balance	2,204.05		
	TOTAL BEGINNING EQUITY	2,204.05		
	TOTAL REVENUE	9,183.34		
	TOTAL EXPENSES	7,075.38		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	2,107.96		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		4,312.01	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			4,312.01
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SL5-Ratnour Bridge Lighting

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SL5.1.200	Claim on Pooled Cash and CD's	39,716.24		
			39,716.24	
	TOTAL ASSETS			39,716.24
				==========
LIABILITIES				
==========				
EQUITY				
======				
SL5.3.915	Assigned Unapp Fund Balance	32,263.17		
	TOTAL BEGINNING EQUITY	32,263.17		
	TOTAL REVENUE	33,425.26		
	TOTAL EXPENSES	25,972.19		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	7,453.07		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		39,716.24	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			39,716.24
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SR1-Manlius Res Trash Dist

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SR1.1.200	Claim on Pooled Cash and CD's	324,830.20		
			324,830.20	
	TOTAL ASSETS			324,830.20
				==========
LIABILITIES				
==========				
EQUITY				
======				
SR1.3.915	Assigned Unapp Fund Balance	105,212.02		
	TOTAL BEGINNING EQUITY	105,212.02		
	TOTAL REVENUE	2,522,499.31		
	TOTAL EXPENSES	2,302,881.13		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	219,618.18		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		324,830.20	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			324,830.20
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SR2-Manlius Res Brush Dist

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SR2.1.200	Claim on Pooled Cash and CD's	63,664.44		
			63,664.44	
	TOTAL ASSETS			63,664.44
				==========
LIABILITIES				
==========				
EQUITY				
======				
SR2.3.915	Assigned Unapp Fund Balance	18,670.76		
	TOTAL BEGINNING EQUITY	18,670.76		
	TOTAL REVENUE	324,305.57		
	TOTAL EXPENSES	279,311.89		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	44,993.68		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		63,664.44	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			63,664.44
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SS1-Manlius Con Sewer Dist

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SS1.1.200	Claim on Pooled Cash and CD's	28,493.40		
			28,493.40	
	TOTAL ASSETS			28,493.40
				==========
LIABILITIES				
==========				
EQUITY				
======				
SS1.3.914	Assigned Approp Fund Balance	75,105.00		
SS1.3.915	Assigned Unapp Fund Balance	(47,499.85)		
	TOTAL BEGINNING EQUITY	27,605.15		
	TOTAL REVENUE	888.25		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	888.25		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		28,493.40	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			28,493.40
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SS2-Thompson Sewer District

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SS2.1.200	Claim on Pooled Cash and CD's	6,049.64		
			6,049.64	
	TOTAL ASSETS			6,049.64
				==========
LIABILITIES				
==========				
EQUITY				
======				
SS2.3.915	Assigned Unapp Fund Balance	5,781.52		
	TOTAL BEGINNING EQUITY	5,781.52		
	TOTAL REVENUE	22,830.62		
	TOTAL EXPENSES	22,562.50		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	268.12		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		6,049.64	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			6,049.64
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SS3-Megnin Farms Sewer

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SS3.1.200	Claim on Pooled Cash and CD's	302.43		
			302.43	
	TOTAL ASSETS			302.43
				==========
LIABILITIES				
==========				
EQUITY				
======				
SS3.3.915	Assigned Unapp Fund Balance	293.01		
	TOTAL BEGINNING EQUITY	293.01		
	TOTAL REVENUE	76,462.15		
	TOTAL EXPENSES	76,452.73		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	9.42		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		302.43	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			302.43
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SW1-Manlius Con Water Supply

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
SW1.1.200	Claim on Pooled Cash and CD's	37,015.68		
			37,015.68	
	TOTAL ASSETS			37,015.68
LIABILITIES				
EQUITY				
SW1.3.915	Assigned Unapp Fund Balance	34,840.82		
	TOTAL BEGINNING EQUITY	34,840.82		
	TOTAL REVENUE	2,174.86		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	2,174.86		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		37,015.68	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			37,015.68

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SW2-Manlius Con Water Dist

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SW2.1.200	Claim on Pooled Cash and CD's	14,593.60		
			14,593.60	
	TOTAL ASSETS			14,593.60
				==========
LIABILITIES				
==========				
EQUITY				
======				
SW2.3.915	Assigned Unapp Fund Balance	13,857.80		
	TOTAL BEGINNING EQUITY	13,857.80		
	TOTAL REVENUE	62,137.73		
	TOTAL EXPENSES	61,401.93		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	735.80		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		14,593.60	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			14,593.60
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SW3-Skyridge Water District

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
SW3.1.200	Claim on Pooled Cash and CD's	34,489.79		
			34,489.79	
	TOTAL ASSETS			34,489.79
				==========
LIABILITIES				
==========				
EQUITY				
======				
SW3.3.915	Assigned Unapp Fund Balance	35,561.54		
	TOTAL BEGINNING EQUITY	35,561.54		
	TOTAL REVENUE	16,609.05		
	TOTAL EXPENSES	17,680.80		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	(1,071.75)		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		34,489.79	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			34,489.79
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

SW4-Highbridge Water District

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
SW4.1.200	Claim on Pooled Cash	19,285.61		
			19,285.61	
	TOTAL ASSETS			19,285.61
LIABILITIES				
EQUITY				
SW4.3.909	Unappropriated Fund Balance	15,719.15		
	TOTAL BEGINNING EQUITY	15,719.15		
	TOTAL REVENUE	3,566.46		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	3,566.46		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		19,285.61	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			19,285.61

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

TA1-Trust & Agency - Payroll

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
TA1.1.200	Claim on Pooled Cash and CD's	396,219.68		
			396,219.68	
	TOTAL ASSETS			396,219.68
				==========
LIABILITIES				
==========				
TA1.2.180	NYS Retirement	59,559.97		
TA1.2.190	Disability Insurance	28,925.08		
TA1.2.200	Health Insurance	285,646.85		
TA1.2.250	Alfac Insurance	158.87		
TA1.2.270	Colonial Supplmt Insurance	(2,233.90)		
TA1.2.280	Flexible Spending	784.29		
TA1.2.290	Guardian Life Insurance	(12.49)		
TA1.2.600	Pooled Accounts Payable	624.16		
	TOTAL LIABILITIES		373,452.83	
EQUITY				
======				
TA1.3.915	Assigned Unapp Fund Balance	11,384.45		
	TOTAL BEGINNING EQUITY	11,384.45		
	TOTAL REVENUE	11,382.40		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	11,382.40		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		22,766.85	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			396,219.68
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

TA2-Trust & Agency - Other

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
TA2.1.200	Claim on Pooled Cash and CD's	99,781.88		
TA2.1.201	Escrow - Misc. Deposits	159,265.09		
TA2.1.205	Currency Property	42,354.31		
TA2.1.206	M&T - Solar Deposits	318,843.12		
			620,244.40	
	TOTAL ASSETS			620,244.40
				==========
LIABILITIES				
==========				
TA2.2.310	Street Opening Deposits	37,906.14		
TA2.2.320	Bid Deposits	47,840.00		
TA2.2.350	Unclaimed Bail Deposits	16,449.87		
TA2.2.360	Currency Property Liability	42,354.31		
TA2.2.400	Solar Deposits	300,823.50		
TA2.2.630	Due To Other Funds	(8,158.00)		
TA2.2.851	Engineering Deposits	112,882.24		
	TOTAL LIABILITIES		550,098.06	
EQUITY				
======				
TA2.3.915	Assigned Unapp Fund Balance	52,444.35		
	TOTAL BEGINNING EQUITY	52,444.35		
	TOTAL REVENUE	17,701.99		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	17,701.99		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		70,146.34	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			620,244.40
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W -Long Term Debt

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
W.1.129	Total Non-Current Govt Liab	(7,335,001.00)		
			(7,335,001.00)	
	TOTAL ASSETS			(7,335,001.00)
				==========
LIABILITIES				
==========				
W.2.628	Bonds Payable	(60,000.00)		
W.2.638	Net Pension Liability	(7,275,001.00)		
	TOTAL LIABILITIES		(7,335,001.00)	
EQUITY				
======				
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			(7,335,001.00)
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W10-Eagle Village Water Dist

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W20-Jas N Manlius Water Spply

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W30-Minoa Road Water Supply

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W40-Minoa Road Water Extensn

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W50-Buttonvale Water Disrtict

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W60-Milnerfield Water Dist

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W70-Mycenae Water Disrtict

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======		_____	_____	
				==========
LIABILITIES				
==========		_____	_____	
EQUITY				
======		_____	_____	
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W80-Schepp Water District

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
W80.1.200	Claim on Pooled Cash and CD's	(755.92)		
			(755.92)	
	TOTAL ASSETS			(755.92)
				==========
LIABILITIES				
==========				
EQUITY				
======				
W80.3.915	Assigned Unapp Fund Balance	(358.83)		
	TOTAL BEGINNING EQUITY	(358.83)		
	TOTAL REVENUE	81.00		
	TOTAL EXPENSES	478.09		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	(397.09)		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		(755.92)	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			(755.92)
				==========

BALANCE SHEET

AS OF: NOVEMBER 30TH, 2024

W90-Watervale Water District

ACCOUNT #	ACCOUNT DESCRIPTION	BALANCE		
ASSETS				
======				
W90.1.200	Claim on Pooled Cash and CD's	4,967.40		
			4,967.40	
	TOTAL ASSETS			4,967.40
				==========
LIABILITIES				
==========				
EQUITY				
======				
W90.3.915	Assigned Unapp Fund Balance	4,814.00		
	TOTAL BEGINNING EQUITY	4,814.00		
	TOTAL REVENUE	235.73		
	TOTAL EXPENSES	82.33		
	TOTAL REVENUE OVER/(UNDER) EXPENSES	153.40		
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.		4,967.40	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.			4,967.40
				==========

TOWN OF MANLIUS
REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

999-Pooled Cash

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

999-Pooled Cash

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
	==========	==========	==========	==========	==========	==========	==========

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

A00-General Fund Townwide

REVENUES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX								
A00.4.1001 Real Property Taxes		8,258,586.78	8,418,415.12	9,047,869.00	9,058,534.26			
A00.4.1081 Other Payments in Lieu of		11,601.31	11,460.05	16,398.86	16,477.73			
Other Payments-Pilots	1	16,398.86					16,399	
A00.4.1090 Penalties & Interest		63,980.28	85,541.30	69,000.00	35,764.66			
Town & County/School I	1	69,000.00					69,000	
TOTAL REAL PROPERTY TAX		8,334,168.37	8,515,416.47	9,133,267.86	9,110,776.65			
NON-PROPERTY TAX								
A00.4.1170 Franchise Fees		320,566.90	319,131.25	370,420.86	302,326.48			
Franchise Fee	1	370,420.86					370,421	
TOTAL NON-PROPERTY TAX		320,566.90	319,131.25	370,420.86	302,326.48			
GENERAL GOVERNMENT								
A00.4.1255 Clerk Fees		5,923.88	6,654.90	4,200.00	5,056.27			
Clerk Fees	1	4,200.00					4,200	
TOTAL GENERAL GOVERNMENT		5,923.88	6,654.90	4,200.00	5,056.27			
POLICE-SPECIAL ITEMS								
A00.4.1550 Dog Control Fees		0.00	0.00	0.00	(340.67)			
A00.4.1590 OMFU Mutual Aid		0.00	0.00	1,568.00	0.00			
OMFU Reimbursement	1	1,568.00					1,568	
A00.4.1591 Misc. Race Reimbursement		0.00	0.00	1,046.00	0.00			
Traffic Control for Foo	1	1,046.00					1,046	
A00.4.1593 Stop DWI		0.00	0.00	5,125.00	8,267.95			
A00.4.1594 Stirpe Grant-Traffic Trai		0.00	0.00	175,000.00	0.00			
Stripe Grant	1	175,000.00					175,000	
Solar Powered Speed Ale	2	0.00					0	
Radar Trailers	2	0.00					0	
Stat Trak Data Collecto	2	0.00					0	
Hybrid Patrol Vehicles	2	0.00					0	
TOTAL POLICE-SPECIAL ITEMS		0.00	0.00	182,739.00	7,927.28			
RECREATION REVENUE								
A00.4.2001 Park & Rec Charges		74,376.94	93,745.33	80,000.00	73,515.67			
Pickleball	1	1,700.00					1,700	
3% admin fee on clear h	1	7,200.00					7,200	
Summer Show ticks & spo	1	17,200.00					17,200	
Learn to Swim	1	7,700.00					7,700	
Playground	1	46,200.00					46,200	
TOTAL RECREATION REVENUE		74,376.94	93,745.33	80,000.00	73,515.67			
PUBLIC SAFETY								
A00.4.2260 Public Safety Services		769,350.07	837,365.03	1,094,251.00	978,126.50			
School Officer Program(	1	527,236.00					527,236	
SIRO Program School Ove	1	113,100.00					113,100	

A00-General Fund Townwide

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Special Patrol Officer(1 416,640.00						416,640	
SPO Equipment/Training 1 37,275.00						37,275	
TOTAL PUBLIC SAFETY	769,350.07	837,365.03	1,094,251.00	978,126.50			
Onondaga County Aid							
A00.4.2350 Youth Services, Recreatio	2,634.00	2,634.00	2,634.00	0.00			
DFY Funding 1 2,634.00						2,634	
A00.4.2351 Stormwater Project-Perry	0.00	0.00	10,000.00	0.00			
Stormwater Project Perr 1 10,000.00						10,000	
TOTAL Onondaga County Aid	2,634.00	2,634.00	12,634.00	0.00			
USE OF MONEY & PROPERTY							
A00.4.2401 Interest & Earnings	12,051.03	200,389.69	150,000.00	308,482.26			
Interest 1 150,000.00						150,000	
TOTAL USE OF MONEY & PROPERTY	12,051.03	200,389.69	150,000.00	308,482.26			
RENTAL & REAL PROPERTY							
LICENSES & PERMITS							
A00.4.2530 Games of Change - License	3,175.27	1,927.39	200.00	1,166.46			
A00.4.2544 Dog License	19,131.00	17,964.00	21,000.00	15,357.00			
TOTAL LICENSES & PERMITS	22,306.27	19,891.39	21,200.00	16,523.46			
FINES & FORFEITURES							
A00.4.2610 Fines/Forfeited Bail	51,782.21	62,083.45	70,000.00	103,168.02			
Fines 1 70,000.00						70,000	
TOTAL FINES & FORFEITURES	51,782.21	62,083.45	70,000.00	103,168.02			
SALE OF PROP/COMP F/LOSS							
A00.4.2655 Minor Sales	434.71	254.79	0.00	118.25			
A00.4.2665 Sale of Town Equipment	9,458.50	14,186.50	5,500.00	10,180.50			
Sale of Police Vehicles 1 5,000.00						5,000	
Auctions of Property 1 500.00						500	
A00.4.2680 Insurance Recoveries	0.00	0.00	0.00	1,000.00			
TOTAL SALE OF PROP/COMP F/LOSS	9,893.21	14,441.29	5,500.00	11,298.75			
MISCELLANEOUS							
A00.4.2700 Medicare Part D Reimburse	24,026.36	31,032.03	20,000.00	22,339.90			
A00.4.2701 Refunds of Prior Year Exp	13,687.26	0.00	0.00	77.01			
A00.4.2702 Solar Lease Payments	0.00	0.00	16,000.00	16,900.00			
Landfill Solar Farm-Bow 1 16,000.00						16,000	
A00.4.2750 AIM - Related Payments	111,763.00	0.00	0.00	0.00			
A00.4.2770 Unclassified Revenues	14,794.43	31,738.52	0.00	7,162.63			
TOTAL MISCELLANEOUS	164,271.05	62,770.55	36,000.00	46,479.54			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

A00-General Fund Townwide

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
STATE AID							
A00.4.3001 Assessment Mgt Aid AIM	0.00	111,763.00	111,763.00	111,763.00			
A00.4.3002 TMA Aid-Temp Municipal Ai	0.00	0.00	0.00	7,818.00			
A00.4.3005 Mortgage Tax	900,781.36	620,572.41	600,000.00	324,427.75			
A00.4.3389.302 Traffic Safety Grant - BU	15,195.44	15,115.46	18,806.00	21,136.14			
A00.4.3389.303 Bullet Proof Vest Partner	2,693.25	4,381.51	5,200.00	3,822.20			
8 Bullet Proof Vest @ 5 1 5,200.00						5,200	
A00.4.3389.304 Traffic Safety Grant - CP	2,439.86	0.00	2,100.00	2,900.99			
A00.4.3389.309 Law Enforcement Grant	0.00	88,000.00	0.00	0.00			
A00.4.3389.310 SLETPP Grant	0.00	0.00	10,737.00	10,737.00			
A00.4.3389.314 DASNY Grant Award	0.00	0.00	290,000.00	49,673.88			
Hybrid Ford Lightning 1 50,000.00						50,000	
Cold Storage Building 1 240,000.00						240,000	
A00.4.3389.408 NYS DEC EV Charging Stati	0.00	0.00	0.00	21,286.40			
A00.4.3389.447 Grant Funded Revenue	0.00	0.00	146,000.00	146,000.00			
A00.4.3820 Youth Programs, PD	3,283.00	0.00	3,283.00	0.00			
TOTAL STATE AID	924,392.91	839,832.38	1,187,889.00	699,565.36			
FEDERAL AID							
A00.4.4089 Coronavirus Local Fiscal	1,013,330.28	(607,620.10)	222,440.00	335,953.88			
Hazard Pay-Town Hall/Hi 1 50,000.00						50,000	
Tourism Study 1 20,000.00						20,000	
Composting Pilot 1 48,000.00						48,000	
Comptroller 1 50,000.00						50,000	
IT Upgrades Police Depa 1 49,440.00						49,440	
Addition to Rob's Salar 1 5,000.00						5,000	
TOTAL FEDERAL AID	1,013,330.28	(607,620.10)	222,440.00	335,953.88			
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							
A00.4.9600 Appropriations	0.00	0.00	900,000.00	0.00			
Appropriations 1 900,000.00						900,000	
TOTAL SUBSIDIARY REVENUE	0.00	0.00	900,000.00	0.00			
TOTAL REVENUES	11,705,047.12	10,366,735.63	13,470,541.72	11,999,200.12			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Town Board								
A00.5.1010.100 Town Board - Personal Ser		78,466.44	81,561.48	134,784.00	76,705.04			
Alissa	1	13,964.00					13,964	
Heather	1	13,964.00					13,964	
Katelyn	1	13,964.00					13,964	
William	1	13,964.00					13,964	
New	1	13,964.00					13,964	
Sara	1	14,964.00					14,964	
Hazard Pay-Town Hall/Hi	1	50,000.00					50,000	
A00.5.1010.400 Town Board - Contractual		15,217.02	70,619.66	9,562.00	(7,648.87)			
Annual Justice Court Au	1	2,500.00					2,500	
Deer Management Plan	1	10,000.00					10,000	
Tourism Study	1	20,000.00					20,000	
Composting Pilot	1	48,000.00					48,000	
Adj - Scanning Project	0	0.00					(43,000)	
Adj - Scanning Project	0	0.00					(5,000)	
Adj - Budget Transfer	0	0.00					(2,938)	
Adj - Tom's Office	0	0.00					(7,649)	
Adj - Correct Transfer	0	0.00					7,649	
Adj - Correct Transfer	0	0.00					(20,000)	
A00.5.1010.402 Town Board - Seminar/Conf		1,164.60	3,568.93	5,000.00	4,514.60			
Seminarr/Conferences	1	5,000.00					5,000	
TOTAL Town Board		94,848.06	155,750.07	149,346.00	73,570.77			
Justices								
A00.5.1110.100 Justices - Personal Servi		195,216.09	206,198.20	236,728.00	213,422.43			
Janet	1	59,700.00					59,700	
Jeanette	1	59,700.00					59,700	
Megan	1,040	22.50					23,400	
Pavone	1	38,964.00					38,964	
Rothchild	1	38,964.00					38,964	
Security	1	16,000.00					16,000	
A00.5.1110.400 Justices - Contractual		710.00	140.00	0.00	0.00			
A00.5.1110.401 Justices - Office Supplie		1,829.50	2,539.39	3,000.00	3,074.90			
A00.5.1110.402 Justices - Seminars/Confe		0.00	649.80	500.00	(79.80)			
A00.5.1110.403 Justices - Assocations/Du		675.00	605.00	700.00	185.00			
A00.5.1110.404 Justices - Books/Publicat		327.58	0.00	350.00	0.00			
TOTAL Justices		198,758.17	210,132.39	241,278.00	216,602.53			
Supervisor								
A00.5.1220.100 Supervisor - Personal Ser		183,018.30	237,904.85	253,617.00	179,361.65			
Town Supervisor	1	44,217.00					44,217	
Town Manager	1	85,000.00					85,000	
Deputy Town Manager	1	51,600.00					51,600	
Comptroller	1	72,800.00					72,800	

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

A00-General Fund Townwide

EXPENDITURES			2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
A00.5.1220.200 Supervisor - Equipment			1,210.00	0.00	0.00	0.00			
A00.5.1220.400 Supervisor - Contractual			40,154.60	23,395.50	3,500.00	1,699.96			
A00.5.1220.401 Supervisor - Office Suppl			3,524.94	3,902.71	3,500.00	3,765.29			
Office Supplies	1	3,500.00						3,500	
A00.5.1220.402 Supervisor - Seminar/Conf			1,738.80	9,551.96	5,000.00	6,499.92			
Trainings	1	3,000.00						3,000	
AOT Conference	1	2,000.00						2,000	
A00.5.1220.403 Supervisor - Assocations/			2,467.00	3,526.00	2,750.00	1,969.00			
AOT Annual Dues	1	1,650.00						1,650	
ICMA	1	600.00						600	
SHRM	1	500.00						500	
A00.5.1220.404 Supervisor - Books/Public			0.00	0.00	0.00	50.00			
A00.5.1220.405 Supervisor - Information			7,938.96	19,614.30	0.00	16,130.75			
A00.5.1220.406 Supervisor-Investment Fee			0.00	0.00	0.00	2,250.00			
A00.5.1220.480 Supervisor - Payroll			39,111.58	38,093.35	35,000.00	42,261.20			
PCORI Fee-ACA (IRS)	1	1,000.00						1,000	
Flex Plan Service Fee (	1	2,000.00						2,000	
Paryoll Processing	1	32,000.00						32,000	
TOTAL Supervisor			279,164.18	335,988.67	303,367.00	253,987.77			
Receiver of Taxes									
A00.5.1330.100 Receiver - Personal Servi			103,674.72	94,924.60	101,769.00	111,478.06			
Laura Peschel Receiver	1	57,009.00						57,009	
Sharon Lake/ Typist 1	1	25,000.00						25,000	
Reba Oper	1,040	19.00						19,760	
Sharon Lake Trash & Bru	0	0.00						0	
A00.5.1330.200 Receiver of Taxes- Equipm			0.00	2,044.26	900.00	398.98			
Office Chairs	2	250.00						500	
Copier/Printer	1	400.00						400	
	0	0.00						0	
A00.5.1330.400 Receiver of Taxes - Contr			0.00	21.59	1,571.00	1,583.27			
Toshiba Toner	12	70.00						840	
Adobe Monthly Fee	12	23.00						276	
Pitney Bowes Lette Open	1	205.00						205	
Cash Counter Maintenanc	1	250.00						250	
A00.5.1330.401 Receiver of Taxes -Office			3,029.99	2,396.62	3,145.00	1,640.79			
Money Receipt Book	1	10.00						10	
Receiver Paid/Date Stam	2	70.00						140	
Calculator	1	150.00						150	
Blue/Red Stamper Ink	1	15.00						15	
Heavy Duty Staples	1	15.00						15	
Replacement Ink Pads/St	1	50.00						50	
Computer Key Board/Mous	2	70.00						140	
Calculator Replacement	1	15.00						15	
Dust Off Spray	1	15.00						15	
Pen Refills	1	15.00						15	
Disposable Gloves	2	10.00						20	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Legal Pads	1	35.00					35	
Canon Toner Cartridges	2	60.00					120	
1&2 Ply Calculator Roll	1	35.00					35	
Shredder Oil	1	10.00					10	
HighLighters& Sharpies	1	15.00					15	
#10 Regular Envelopes	1	300.00					300	
#10 Window Envelopes	1	1,800.00					1,800	
Clear Tape	1	20.00					20	
Rubber Bands Sizes 117B	1	35.00					35	
Jumbo Paper Cliips	1	10.00					10	
Blue & Black Pens	1	15.00					15	
Remote Capture Ink Cart	2	20.00					40	
Letter & Legal Size Han	1	30.00					30	
Letter Size File Folder	1	25.00					25	
Post It Note Pads	1	25.00					25	
Report Covers	1	25.00					25	
USB Flash Drives	1	20.00					20	
A00.5.1330.402 Receiver of Taxes - Semin		799.27	760.36	1,075.00	804.84			
OCATRC Monthly Training	6	25.00					150	
June NYSATRC Training S	1	700.00					700	
NYSATRC Registration Fe	1	100.00					100	
Additional NYSATRC Fees	1	80.00					80	
Misc. Tolls & Parking	1	45.00					45	
A00.5.1330.403 Receiver of Taxes- Assoc/		40.00	40.00	55.00	55.00			
OCATRC Yearly Dues	2	15.00					30	
NYSATRC Yearly Dues	1	25.00					25	
A00.5.1330.405 Receiver of Taxes - IT		3,000.00	3,000.00	3,200.00	3,000.00			
ATC Taxes/Tax Lookup So	1	1,600.00					1,600	
ATC Taxes/Tax Look up S	1	1,600.00					1,600	
A00.5.1330.408 Receiver of Taxes- Print/		95.10	95.10	120.00	96.50			
Town & County Legal Not	1	60.00					60	
School Legal Notice	1	60.00					60	
TOTAL Receiver of Taxes		110,639.08	103,282.53	111,835.00	119,057.44			
Assessors								
A00.5.1355.100 Assessor -Personal Servic		249,737.55	261,103.39	278,600.00	265,569.06			
Assessor - Patrick Duff	1	95,000.00					95,000	
Assessment Clerk - Cris	1	59,300.00					59,300	
Assessment Clerk - Kris	1	44,300.00					44,300	
Clerk I - Pilar L	1	40,000.00					40,000	
Clerk I - Ryan T	1	40,000.00					40,000	
A00.5.1355.200 Assessors - Equipment		2,626.83	147.99	500.00	0.00			
General	1	500.00					500	
A00.5.1355.400 Assessors - Contractual		1,340.46	1,451.82	3,690.00	1,737.63			
Sr 2nd Notice	1	255.00					255	
FSM COA Notices	1	635.00					635	
Envelopes for COA Notic	1	895.00					895	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Legal Notice - Inventor	1	34.00					34	
Legal Notice - Tent Rol	1	44.00					44	
Legal Notice - Final Ro	1	27.00					27	
Stipend	1	1,800.00					1,800	
A00.5.1355.401 Assessors - Office Suppli		1,829.26	1,160.70	2,000.00	481.90			
Office Supplies	1	2,000.00					2,000	
A00.5.1355.402 Assessors - Seminars/Conf		4,905.22	6,070.33	6,900.00	1,870.66			
Cornell Seminars	1	5,200.00					5,200	
NYSAA Conference	1	1,300.00					1,300	
One Day Seminars	4	100.00					400	
A00.5.1355.403 Assessors - Associations/		781.00	686.00	1,035.00	867.00			
IAO Dues	1	120.00					120	
NYSAA - Staff Dues	3	125.00					375	
IAAO Dues	1	240.00					240	
Onondaga Co Asr Assoc	1	300.00					300	
A00.5.1355.405 Assessors - Information T		470.00	1,950.00	3,150.00	520.00			
RPS License Fee	1	1,950.00					1,950	
SDG Software License	1	1,200.00					1,200	
A00.5.1355.408 Assessors - Printing Tax		28,594.00	28,770.00	29,000.00	28,786.00			
Printing Tax Bills	1	29,000.00					29,000	
TOTAL Assessors		290,284.32	301,340.23	324,875.00	299,832.25			
Board of Assessmnt Review								
A00.5.1356.100 BOA Review - Personal Ser		4,144.80	4,335.05	8,960.00	6,843.40			
Chairperson	64	50.00					3,200	
Member	64	45.00					2,880	
Member	64	45.00					2,880	
TOTAL Board of Assessmnt Review		4,144.80	4,335.05	8,960.00	6,843.40			
Town Clerk								
A00.5.1410.100 Town Clerk- Personal Serv		149,715.32	135,176.00	181,766.10	158,886.75			
Allison	1	70,000.00					70,000	
Tina	1	38,366.10					38,366	
Debi	1	39,000.00					39,000	
New Hire	1	34,400.00					34,400	
A00.5.1410.400 Town Clerk - Contractual		0.00	0.00	0.00	77.00			
A00.5.1410.401 Town Clerk - Office Suppl		658.53	1,986.88	2,690.00	2,693.66			
Office Supplies	1	2,200.00					2,200	
2 Adobe Licenses	1	500.00					500	
Adj - Transfer to Books	0	0.00					(10)	
A00.5.1410.402 Town Clerk - Seminars/Con		3,549.45	4,945.00	4,514.00	(1,638.19)			
NYSTCA Conference	1	1,050.00					1,050	
NYSTCA Regional Trainin	1	120.00					120	
IIMC Regional Training	1	675.00					675	
IIMC Conference Fee	1	900.00					900	
IIMC Travel Expense	1	1,400.00					1,400	
Addtl Clerk Staff Train	1	800.00					800	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Adj - Transfer to Infor	0	0.00					(361)	
Adj - Transfer	0	0.00					(70)	
A00.5.1410.403 Town Clerk - Association/		407.50	435.00	390.00	390.00			
NYSTCA Dues	1	85.00					85	
OCTCA Dues	1	20.00					20	
IIMC Dues	1	215.00					215	
Adj - Transfer	0	0.00					70	
A00.5.1410.404 Town Clerk - Books/Public		1,634.38	1,715.00	10.00	10.00			
A00.5.1410.405 Town Clerk - Information		2,487.70	2,801.09	3,061.00	3,053.70			
BAS Software Annual Fee	1	2,700.00					2,700	
Adj - Transfer fr Semin	0	0.00					361	
A00.5.1410.408 Town Clerk - Printing/Ads		3,029.67	2,725.43	2,000.00	1,257.24			
Public Notices	1	2,000.00					2,000	
A00.5.1410.418 Town Clerk - Filing Fees		0.00	0.00	100.00	0.00			
TOTAL Town Clerk		161,482.55	149,784.40	194,531.10	164,730.16			
Attorney								
A00.5.1420.481 Attorney - Litigation		21,770.30	64,842.58	35,000.00	36,769.95			
Litigation	1	35,000.00					35,000	
A00.5.1420.482 Attorney - Employment Mat		2,184.00	30,450.99	10,000.00	15,163.50			
Employment Matters	1	10,000.00					10,000	
A00.5.1420.483 Attorney - Town Board		66,000.00	65,268.60	70,000.00	103,983.41			
Harris Beach	1	70,000.00					70,000	
TOTAL Attorney		89,954.30	160,562.17	115,000.00	155,916.86			
Safety Grant								
Engineer								
A00.5.1440.400 Engineer - Contractual		15,597.50	304,105.00	46,000.00	(204,918.72)			
LaBella	1	36,000.00					36,000	
Stormwater Project Perr	1	10,000.00					10,000	
	0	0.00					0	
A00.5.1440.440 Engineer-Quarry Commissio		0.00	0.00	0.00	600.00			
A00.5.1440.450 Engineer - Contractual Se		11,366.09	784.00	20,000.00	15,189.78			
Landfill Monitoring/MS4	1	20,000.00					20,000	
TOTAL Engineer		26,963.59	304,889.00	66,000.00	(189,128.94)			
Elections								
A00.5.1450.400 Elections-Contractual Ser		0.00	11,381.51	0.00	0.00			
A00.5.1450.401 Elections-Office Supplies		0.00	2,773.18	0.00	0.00			
A00.5.1450.408 Elections-Printing/Ads		0.00	46.80	0.00	0.00			
TOTAL Elections		0.00	14,201.49	0.00	0.00			
Records Management								
A00.5.1460.200 Record Managemnt - Equipm		0.00	0.00	5,894.48	0.00			
A00.5.1460.400 Record Managemnt - Contr(		221.80)	5,027.50	44,784.52	2,875.00			
Shredding/Boxes/Office	1	3,000.00					3,000	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Adj - Scanning Project	0	0.00					43,000	
Adj - Transfer	0	0.00					(321)	
Adj - Budget Transfer	0	0.00					(894)	
A00.5.1460.405 Records Management-Inform		0.00	0.00	10,321.00	10,321.08			
JustFOIA	1	8,900.00					8,900	
Laserfische	1	1,100.00					1,100	
Adj - Transfer	0	0.00					321	
TOTAL Records Management		(221.80)	5,027.50	61,000.00	13,196.08			
Buildings								
A00.5.1620.100 Buildings - Personal Serv		17,368.85	19,251.52	23,400.00	17,896.99			
Chris Pecht	1,040	22.50					23,400	
A00.5.1620.200 Buildings - Equipment		41,131.42	25,304.04	2,500.00	8,027.96			
Equipment	1	2,500.00					2,500	
A00.5.1620.400 Buildings - Contractual		8,964.96	7,924.01	26,500.00	8,945.66			
HVAC	1	3,000.00					3,000	
Cleaning Supplies/Paper	1	3,500.00					3,500	
Adj - Tom's Office	0	0.00					7,649	
Adj - Correct Transfer	0	0.00					(7,649)	
Adj - Correct Transfer	0	0.00					20,000	
A00.5.1620.405 Buildings - Information T		240,438.64	403,797.71	368,965.72	177,887.00			
Garam	1	336,342.72					336,343	
BigLeaf Networks	1	5,736.00					5,736	
Incode/Tyler Technologi	1	15,000.00					15,000	
Zoom Webniar	1	960.00					960	
GoToMyPC	1	1,000.00					1,000	
Nat'l Telecom(Metro Wir	1	2,300.00					2,300	
Civic Plus	1	6,439.00					6,439	
Boxcast	1	1,188.00					1,188	
A00.5.1620.420 Buildings - Gas/Electric		32,211.60	18,634.39	35,000.00	14,334.52			
Gas/Electric	1	35,000.00					35,000	
A00.5.1620.421 Buildings - Phone		14,896.94	14,989.15	18,000.00	14,930.54			
Phone	1	18,000.00					18,000	
A00.5.1620.422 Buildings - Water		1,015.00	1,085.80	1,200.00	978.10			
Water	1	1,200.00					1,200	
A00.5.1620.423 Buildings - Security Serv		993.40	853.40	1,000.00	634.71			
Security Monitoring	1	1,000.00					1,000	
A00.5.1620.424 Buildings - Internet		2,560.01	2,638.67	3,000.00	2,279.34			
Internet	1	3,000.00					3,000	
A00.5.1620.430 Buildings - Cleaning		18,412.48	17,527.50	18,060.00	16,343.75			
GDI	1	16,500.00					16,500	
Rug Service	1	1,560.00					1,560	
A00.5.1620.431 Buildings - Landscaping		0.00	3,886.38	7,000.00	4,840.00			
Landscaping	1	7,000.00					7,000	
A00.5.1620.440 Buildings - Repairs		684.66	395.00	2,000.00	3,623.11			
Repairs	1	2,000.00					2,000	
A00.5.1620.450 Buildings - Pest Control		667.08	854.04	800.00	641.03			

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Pest Control	1 800.00						800	
A00.5.1620.485 Buildings - Snow Removal		3,420.00	2,700.00	3,000.00	2,200.00			
Snow Removal	1 3,000.00						3,000	
TOTAL Buildings		382,765.04	519,841.61	510,425.72	273,562.71			
Central Garage								
A00.5.1640.400 Central Garage - Contract		145.00	0.00	0.00	0.00			
A00.5.1640.410 Central Garage - Gasoline		114,222.51	107,854.48	110,000.00	112,355.49			
Gasoline	1 110,000.00						110,000	
A00.5.1640.411 Central Garage - Town Veh		1,981.01	1,863.92	2,500.00	1,584.41			
Town Vehicle Maitenance	1 2,500.00						2,500	
TOTAL Central Garage		116,348.52	109,718.40	112,500.00	113,939.90			
Central Printing								
A00.5.1670.401 Central Printing - Office		4,361.93	21,931.29	19,250.00	(10,419.96)			
Copy Paper/General Supp	1 4,250.00						4,250	
Branding Update/Newslet	1 15,000.00						15,000	
A00.5.1670.404 Central Printing - Books/		1,195.00	4,188.78	1,800.00	1,195.00			
Ecode Annual Maintenanc	1 1,200.00						1,200	
Code Supplements	1 600.00						600	
A00.5.1670.407 Central Printing - Copier		7,775.84	8,664.79	6,800.00	6,343.26			
Copier Lease	1 6,800.00						6,800	
A00.5.1670.408 Central Printing - Post M		1,950.12	1,950.12	2,000.00	1,497.59			
A00.5.1670.409 Central Printing - Postag		34,820.99	41,985.66	37,500.00	39,663.83			
Postage	1 37,500.00						37,500	
TOTAL Central Printing		50,103.88	78,720.64	67,350.00	38,279.72			
Special Items								
A00.5.1910.400 Unallocated Insurance		208,893.82	233,968.78	273,060.00	41,639.96			
Liability Ins	1 269,560.00						269,560	
Participant Insurance-R	1 3,500.00						3,500	
A00.5.1930.400 Judgments & Claims		29,344.20	19,586.32	17,500.00	21,681.46			
Judgements & Claims	1 17,500.00						17,500	
A00.5.1950.400 Taxes on Town Property		950.72	926.86	1,000.00	915.10			
TOTAL Special Items		239,188.74	254,481.96	291,560.00	64,236.52			
Police								
A00.5.3120.100 Police - Personal Service		3,241,882.91	3,779,995.73	3,968,682.14	3,635,022.21			
Salaries	1 4,170,323.00						4,170,323	
Adj - Police Tansfer Ov	0 0.00						(15,690)	
Adj - Police Training D	0 0.00						(59,966)	
Adj - Correct Transfer	0 0.00						(0)	
Adj - Correct Transfer	0 0.00						0	
Adj - Budget Transfer f	0 0.00						(125,985)	
A00.5.3120.101 Police - Overtime Pay		413,811.47	384,947.69	268,951.70	283,411.13			
Overtime	1 253,262.00						253,262	
Adj - Police Tansfer Ov	0 0.00						15,690	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Adj - Correct Transfer	0	0.00					(0)	
A00.5.3120.102 Police - Longevity Pay		44,577.50	38,472.50	61,595.19	65,598.20			
Longevity	1	61,595.19					61,595	
A00.5.3120.103 Police - Holiday Pay		129,284.72	133,273.60	158,355.00	207,861.80			
Holiday	1	158,355.00					158,355	
A00.5.3120.104 Police - Training Days		83,863.36	79,086.00	89,966.16	89,966.16			
A00.5.3120.105 Police - Sick Time Buy Ba		103,375.95	(551.51)	120,000.00	86,663.46			
Sick Time Buy Back	1	120,000.00					120,000	
A00.5.3120.106 Police - Command Pay		12,200.00	8,790.00	15,498.00	11,031.56			
Command	1	15,498.00					15,498	
A00.5.3120.107 Police - Incentive Pay		8,550.00	12,300.00	92,315.00	29,791.81			
Incentive	1	92,315.00					92,315	
A00.5.3120.108 Police - Clothing Allowa		4,330.00	3,200.00	5,760.00	4,020.00			
A00.5.3120.109 Police - Secty to Committ		0.00	0.00	600.00	0.00			
A00.5.3120.200 Police - Equipment		144,533.30	165,500.00	505,985.00	258,104.79			
New Vehicles	1	192,000.00					192,000	
New Hybrid Admin Vehicl	1	45,000.00					45,000	
New EV Truck	1	55,000.00					55,000	
Hybrid Patrol Car-Stirp	2	59,000.00					118,000	
Adj - Transfer to Train	0	0.00					(30,000)	
Adj - Budget Transfer f	0	0.00					125,985	
A00.5.3120.201 Police-Non-Vehicle Equipm		0.00	0.00	68,064.00	0.00			
Trailer	1	22,000.00					22,000	
EV Charger for EV	1	5,500.00					5,500	
Radar Trailers	2	17,432.00					34,864	
StatTrack Data Collecto	2	2,850.00					5,700	
A00.5.3120.400 Police - Contractual		220,146.04	47,895.07	41,858.00	21,231.15			
Recruitment Materials	1	500.00					500	
Job Fair Registration F	1	125.00					125	
Quartermaster Supplies	0	500.00					0	
General Emergency Suppl	1	1,500.00					1,500	
E-Z Pass Replenishment	1	500.00					500	
Awards & Plaques	1	1,000.00					1,000	
Assorted Batteries	1	1,000.00					1,000	
Portable Radios	2	2,900.00					5,800	
Portable Radio Batterie	10	82.50					825	
Petty Cash	1	50.00					50	
Hepatitis Shots	3	315.00					945	
Polygraph Exams	8	450.00					3,600	
Industrial Medical Asso	4	183.00					732	
Psychological Exams	8	450.00					3,600	
Fingerprinting	4	86.00					344	
Bicycle Repair/Replace	1	1,500.00					1,500	
Hobble Restraints	2	25.00					50	
Active Violence Respons	1	500.00					500	
Supplies for Retiree/Pr	4	75.00					300	
Drinking Water/Food	1	100.00					100	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Confidential Funds/Spec	1	500.00					500	
Medical Supplies	1	2,000.00					2,000	
Automatic External Defi	1	1,500.00					1,500	
AED Replacement Electod	4	190.00					760	
Mag Lights	0	150.00					0	
Mag Light Parts Batteri	1	150.00					150	
18" Traffic Cones	0	10.00					0	
Standard Fuse Flares	0	130.00					0	
Slimbow Vehicle Lock-Ou	2	70.00					140	
Traffic Counter	1	2,500.00					2,500	
Fraternal Composit	1	600.00					600	
Breath Testing Equipmen	0	500.00					0	
Stop Sticks	0	600.00					0	
Adj - Increase	0	0.00					10,737	
A00.5.3120.401 Police - Office Supplies		14,590.46	16,830.81	10,500.00	9,894.08			
Police Forms Printing	1	3,000.00					3,000	
Furniture Replacement	0	2,500.00					0	
General Office Supplies	1	7,500.00					7,500	
A00.5.3120.402 Police - Seminars/Confere		26,246.40	36,523.19	35,900.00	34,320.99			
Police Academy Basic Re	3	500.00					1,500	
NY Tactical Officers As	2	800.00					1,600	
NY Tactical Officers As	7	400.00					2,800	
CSU Training	1	4,000.00					4,000	
Training Materials	1	400.00					400	
State or Private traini	1	18,000.00					18,000	
NYS Chief's Conference	1	600.00					600	
IACP Chief's Conference	0	1,200.00					0	
Workplace Harassment Tr	1	10,000.00					10,000	
Echelon Front Training	0	1,000.00					0	
Adj - Police Adjustment	0	0.00					(3,000)	
A00.5.3120.403 Police - Associations/Due		1,641.00	1,554.97	2,840.00	1,450.00			
PERF	1	200.00					200	
NYS Association Chief o	2	175.00					350	
Onondaga Co Chief of Po	2	100.00					200	
NYTOA	1	125.00					125	
IALEFI	1	75.00					75	
NERLEA	1	500.00					500	
SNYPJOA	1	400.00					400	
MAGLOCLEN Dues	1	500.00					500	
IACP	1	190.00					190	
National Neighborhood W	0	50.00					0	
AUVSI	1	300.00					300	
A00.5.3120.404 Police - Books/Publicatio		6,944.10	8,696.77	7,679.06	7,738.55			
Blue360 Media (formerly	1	1,448.10					1,448	
US Identification Manua	1	100.00					100	
NY Search & Seizure Boo	0	215.10					0	
Miscellaneous Publicati	1	100.00					100	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
West Publishing	12	352.58					4,231	
West Publishing	12	150.00					1,800	
A00.5.3120.405 Police - Info Tech/Electr		7,574.16	8,083.13	10,250.00	4,064.12			
IT Emergency Equipment	1	8,250.00					8,250	
Miscellaneous Software	2	1,000.00					2,000	
A00.5.3120.406 Police-SPO Uniforms/Train		0.00	0.00	28,000.00	12,505.98			
A00.5.3120.407 Police-Cadet Post		0.00	0.00	2,700.00	668.66			
A00.5.3120.409 Police - Postage		1,105.32	696.29	1,200.00	47.21			
Shipping	1	300.00					300	
USPS	1	900.00					900	
A00.5.3120.412 Police - Vehicle Repair		88,333.06	120,909.20	103,201.00	67,338.91			
Major Repairs Outsource	1	7,000.00					7,000	
Insurance Deductibles	3	1,000.00					3,000	
Automobile Parts/Variou	1	17,000.00					17,000	
Vehicle Uplifiting	5	10,000.00					50,000	
New Patrol Vehicle equi	0	3,700.00					0	
Vehicle Graphics	5	1,600.00					8,000	
Motor Oil & Lubricants	1	1,500.00					1,500	
Towing	4	125.00					500	
Welding Supplies	1	150.00					150	
Tires	70	170.00					11,900	
Storage Unit Conversion	5	185.00					925	
Emergency Lighting Repa	0	4,800.00					0	
Emergency Lighting Repa	0	3,000.00					0	
Incidental Garage Tools	1	750.00					750	
Radar Repair (Moved fro	1	400.00					400	
Watchguard In-Car Camer	0	6,800.00					0	
All Data Subscription-N	12	125.00					1,500	
Matco Monthly Subscript	12	48.00					576	
A00.5.3120.421 Police - Phone		26,877.30	27,124.79	20,040.00	22,173.67			
Windstream (primary int	12	210.00					2,520	
AT&T Wireless	12	750.00					9,000	
Highbridge Communicatio	12	560.00					6,720	
Verizon Wireless	12	150.00					1,800	
A00.5.3120.423 Police - Security Service		330.00	360.00	360.00	360.00			
Doyle Security	12	30.00					360	
A00.5.3120.424 Police - Building Lease		98,115.00	100,077.30	102,080.00	102,078.88			
Rent-Police Headquarter	1	102,080.00					102,080	
A00.5.3120.425 Police - Building Mainten		3,593.50	10,573.87	24,219.73	23,393.84			
Fire Extinguisher Refil	1	650.00					650	
2023 Change Orders	1	21,569.73					21,570	
Building Repairs	1	2,000.00					2,000	
A00.5.3120.430 Police - Cleaning Supplie		3,427.58	2,393.27	3,500.00	1,858.12			
Custodial Supplies	1	3,500.00					3,500	
A00.5.3120.446 Police - Maintenance Cont		59,310.99	64,449.18	68,462.38	64,140.99			
RING	1	100.00					100	
Brick House	2	200.00					400	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Spartan Camera Plan	1	260.00					260	
Lexis Nexis (Accurint)	12	45.00					540	
Language Line-new 2023	12	50.00					600	
Toshiba Equipment Finan	12	320.00					3,840	
Toshiba Equipment Finan	12	100.00					1,200	
Radio Equipment Mainten	12	80.00					960	
FIOS Internet Connectio	12	112.00					1,344	
Spectrum Back-Up Intern	12	280.00					3,360	
Spectrum	12	15.00					180	
Email Signature Program	12	90.00					1,080	
MalwareBytes this shoul	1	450.00					450	
Watchguard	45	195.00					8,775	
Watchguard	1	950.00					950	
Upstate Emergency Medic	1	250.00					250	
LEADS On Line	0	2,955.00					0	
Idemia	1	2,461.00					2,461	
MSDA online Software	1	675.00					675	
All Traffic Solutions	1	2,200.00					2,200	
UASidekick Membership	1	300.00					300	
Dropbox for UAS	1	250.00					250	
Magnet Axiom	1	5,800.00					5,800	
General Code-Laserfisch	1	800.00					800	
IACP Net	1	875.00					875	
Power DMS Platform & Li	1	4,073.38					4,073	
Power DMS (PlanIt)	1	2,000.00					2,000	
Power DMS-PowerEngage	1	3,800.00					3,800	
Power DMS 3 year contra	0	2,500.00					0	
Amazon Renewal	1	139.00					139	
Guardian Alliance Techn	15	150.00					2,250	
Target Solutions (forme	1	2,500.00					2,500	
CrimeDex	1	100.00					100	
CORDICO	1	10,000.00					10,000	
Watch Systems-Offender	1	525.00					525	
Whtiepages.com-new 2023	1	130.00					130	
Adobe Acrobat Pro	5	300.00					1,500	
Skope Now (replaces Who	1	1,800.00					1,800	
Axon (formerly Input Ac	1	1,995.00					1,995	
A00.5.3120.447 Police-Grant Expenditures		31,985.91	88,235.51	146,000.00	30,914.10			
A00.5.3120.448 Police - Uniforms & Clean		52,769.24	42,289.39	56,827.00	33,962.26			
Police Academy Uniforms	4	450.00					1,800	
Police Officer Initial	4	1,900.00					7,600	
SPO Uniforms	1	15,000.00					15,000	
Uniform Replacement/Iss	1	19,000.00					19,000	
Ballistic Vests	8	1,300.00					10,400	
Honor Guard Uniforms	2	800.00					1,600	
Honor Guard	1	500.00					500	
All Seasons	26	103.50					2,691	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Brian's Dry Cleaning	12	800.00					9,600	
Clerk Uniforms	4	125.00					500	
Bike Officer Uniforms	2	156.00					312	
Bike Officer Uniform Ja	1	152.00					152	
Bike Shoes	1	112.00					112	
Bike Helmets	2	60.00					120	
Bike Rain Pants	2	90.00					180	
Bike Gloves	2	30.00					60	
ET/AIT Response Clothin	2	75.00					150	
Magazine Puches (Plainc	3	45.00					135	
Duty Holster (Patrol)	5	98.00					490	
Duty Holster (Plainclot	5	45.00					225	
Motorcycle Officer Unif	1	1,200.00					1,200	
Evidence Processing Clo	0	400.00					0	
Adj - Police Adjustment	0	0.00					(15,000)	
A00.5.3120.460 Police - Tuition Reimburs		4,841.93	0.00	10,000.00	5,730.00			
College Tuition	1	10,000.00					10,000	
A00.5.3120.461 Police - Accreditation		32,247.66	25,817.00	40,498.00	30,279.00			
CALEA Membership	1	4,670.00					4,670	
Power DMS-moved to 446	0	805.00					0	
BluLine Consulting	1	33,428.00					33,428	
Annual Community Survey	0	750.00					0	
CALEA Conference	2	1,200.00					2,400	
A00.5.3120.462 Police - Community Relati		3,089.60	3,073.92	7,000.00	5,699.78			
Halloween Safety Progra	1	1,000.00					1,000	
Miscellaneous Crime Pre	1	2,500.00					2,500	
Open House Activity	1	1,500.00					1,500	
School Safety Program G	1	1,500.00					1,500	
Cadet Post	1	2,700.00					2,700	
Child ID	1	500.00					500	
Adj - Police Adjustment	0	0.00					(2,700)	
A00.5.3120.463 Police - CPSS		876.98	384.00	2,100.00	1,779.68			
Child and Infant Car Se	1	2,100.00					2,100	
A00.5.3120.464 Police - Protection Gear		42,091.29	39,375.93	62,205.75	43,529.60			
Duty weapon	4	750.00					3,000	
40mm Exact Impact Round	15	28.00					420	
40mm Training Kit	0	320.00					0	
.12 ga Fin Stabilized B	24	25.85					620	
Pistol ammunition for A	50	240.00					12,000	
Pistol Duty Ammunition	7	300.00					2,100	
5.56mm Simmunition Mark	3	280.00					840	
5.56mm Training Ammunit	10	380.00					3,800	
5.56mm Duty Ammunition	6	750.00					4,500	
PIstol Simmunition Ammu	4	270.00					1,080	
Pistol & Rifle Magazine	1	650.00					650	
Repair Parts for Weapon	1	800.00					800	
Simmunitions Protective	2	350.00					700	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Armorer Tools	1	250.00					250	
Wapons Cleaning Supplie	1	500.00					500	
Weapon Lights	10	190.00					1,900	
Pressure Switch for wea	5	40.00					200	
Qualification Targets P	1	1,500.00					1,500	
Rifle Optics	2	550.00					1,100	
Range Supplies	1	350.00					350	
Active Violence Respons	6	60.00					360	
Handcuffs (moved from 4	2	30.00					60	
Batons with scabbords (	4	300.00					1,200	
Baton Parts (moved from	1	40.00					40	
DT Training Supplies	1	300.00					300	
SPO equipment	1	10,000.00					10,000	
OC Spray	8	16.80					134	
Axon CEW Air Cartridge	10	42.00					420	
Axon Taser 7 Contract	1	9,937.72					9,938	
Axon Taser 7 Contract	1	1,891.23					1,891	
Axon Taser 7	3	2,360.00					7,080	
Halt Suit	1	860.00					860	
FN 509 Blue Handle	2	100.00					200	
M4 Blue Gun	2	260.00					520	
Inert OC for Training	10	14.00					140	
Axon CEW DPM	2	88.00					176	
Axon CEW Training Cartr	64	40.25					2,576	
Adj - Police Adjustment	0	0.00					(10,000)	
A00.5.3120.465 Police - Forensic		20,636.28	38,816.36	42,938.00	15,462.78			
Impounded Vehicle Towin	3	200.00					600	
Covert Video Equipment	1	2,000.00					2,000	
CSU Misc Tools & Suppli	1	500.00					500	
Faraday Bags	0	200.00					0	
Evidence Collection	1	2,200.00					2,200	
Drug Identifcation Test	1	500.00					500	
Ink for Evidence Labels	6	20.00					120	
Evidence Labels	6	43.00					258	
Digital Point & Shoot C	3	250.00					750	
ET Cameras	0	2,500.00					0	
ET Camera Flash Spare B	1	250.00					250	
ET Camera Lens	1	200.00					200	
UAS Equipment	1	1,500.00					1,500	
Calibration of Faro Sca	0	20,000.00					0	
DJI Avatar with accesso	1	1,300.00					1,300	
Contractual Property Cl	1	32,760.00					32,760	
TOTAL Police		4,933,183.01	5,289,173.96	6,186,131.11	5,212,093.47			
Traffic Control								
A00.5.3310.100 Traffic Control - Persona		11,414.98	12,038.26	13,659.30	12,342.13			
Crossing Guards-T. Pesc	360	18.50					6,660	

A00-General Fund Townwide

EXPENDITURES			2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Crossing Guards-A. Smit	180	18.50						3,330	
Crossing Guards-D. Houg	90	20.28						1,825	
Crossing Guards-J. Smit	90	20.49						1,844	
A00.5.3310.400 Traffic Control - Contrac			278.87	1,010.47	3,060.00	776.75			
Crossing Guard Supplies	1	1,000.00						1,000	
Syracuse Signal	1	1,800.00						1,800	
National Grid-ESM	1	260.00						260	
TOTAL Traffic Control			11,693.85	13,048.73	16,719.30	13,118.88			
Dog Control									
A00.5.3510.400 Dog Control - Supplies			309.00	0.00	300.00	272.00			
A00.5.3510.401 Dog Control - Office Sup(			500.00)	324.45	700.00	699.50			
A00.5.3510.450 Dog Control - Contract			32,913.60	41,885.60	36,960.75	31,134.42			
Dog Control	1	30,839.18						30,839	
Dog Cruetly	1	6,121.57						6,122	
TOTAL Dog Control			32,722.60	42,210.05	37,960.75	32,105.92			
Transportation									
A00.5.5010.100 Superintendent - Personal			136,495.46	135,088.94	144,000.00	129,280.21			
Highway Superintendent	1	94,000.00						94,000	
Highway Secretary	1	45,000.00						45,000	
Tree Commission Secreta	1	1,500.00						1,500	
Rob's Additional Salary	1	5,000.00						5,000	
Adj - Tree Commission S	0	0.00						(1,500)	
A00.5.5010.402 Sup of Highways -Confernc			1,485.94	1,496.00	1,700.00	393.00			
Conferences/Seminars	1	1,700.00						1,700	
A00.5.5010.403 Sup of Highways - Associa			600.00	250.00	350.00	100.00			
A00.5.5010.405 Sup of Highways - Enginee			0.00	0.00	27,000.00	0.00			
Engineer	1	27,000.00						27,000	
TOTAL Transportation			138,581.40	136,834.94	173,050.00	129,773.21			
Garage									
A00.5.5132.200 Garage - Equipment			151,539.55	0.00	7,000.00	0.00			
Heater Replacements	1	5,000.00						5,000	
Multi-Year LED Lighting	1	2,000.00						2,000	
A00.5.5132.400 Garage - Miscellaneous			817.05	76,051.15	1,250.00	405.41			
Misc	1	1,250.00						1,250	
A00.5.5132.405 Garage - Information Tech			4,895.88	1,539.88	7,100.00	6,501.89			
Info Tech(Internet/21 G	1	7,100.00						7,100	
A00.5.5132.420 Garage - Gas/Electric			23,171.41	16,485.96	39,500.00	14,692.93			
Gas/Electric	1	39,500.00						39,500	
A00.5.5132.422 Garage - Water			1,814.95	1,921.26	2,500.00	1,701.54			
Water	1	2,500.00						2,500	
A00.5.5132.423 Garage - Fire Monitoring			414.36	1,931.00	1,600.00	1,959.00			
Fire Monitor(Alarm Syst	1	1,600.00						1,600	
A00.5.5132.425 Garage - Garage/Bldg Main			14,090.67	254,538.12	17,000.00	19,240.66			
Maintenance	1	17,000.00						17,000	

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

A00-General Fund Townwide

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
A00.5.5132.426 Garage - Dumpster	5,782.68	5,782.68	6,500.00	5,341.79			
Dumpster Service 1 6,500.00						6,500	
A00.5.5132.430 Garage - Cleaning/Bathroo	1,957.77	2,244.90	3,500.00	3,479.99			
A00.5.5132.431 Garage - Landscaping	0.00	285.60	300.00	0.00			
Landscaping 1 300.00						300	
A00.5.5132.446 Garage - Maintenance Cont	9,434.99	2,987.83	4,000.00	888.50			
Maintenance Contracts 1 4,000.00						4,000	
A00.5.5132.447 Garage - Supplies/Water S	310.20	0.00	500.00	0.00			
A00.5.5132.448 Garage-Cold Storage Build	0.00	0.00	240,000.00	2,193.00			
Cold Storage Building 1 240,000.00						240,000	
A00.5.5132.449 Garage-Maintenance Buildi	0.00	0.00	0.00	4,423.06			
TOTAL Garage	214,229.51	363,768.38	330,750.00	60,827.77			
Street Lighting							
A00.5.5182.400 Street Lighting - Contrac	5,090.40	4,627.84	5,000.00	269.26			
Town Hall Lighting 1 5,000.00						5,000	
TOTAL Street Lighting	5,090.40	4,627.84	5,000.00	269.26			
Tree Commission							
A00.5.6310.100 Tree Commission-Personal	0.00	0.00	1,500.00	0.00			
A00.5.6310.400 Tree Commission-Contractu	0.00	0.00	3,388.00	3,387.50			
A00.5.6310.447 Tree Commission-Supplies/	0.00	0.00	2,500.00	0.00			
TOTAL Tree Commission	0.00	0.00	7,388.00	3,387.50			
Vet Services							
A00.5.6510.400 Veteran Services - Contra	2,400.00	600.00	800.00	600.00			
TOTAL Vet Services	2,400.00	600.00	800.00	600.00			
Recreation							
A00.5.7310.100 Recreation - Personal Ser	275,929.08	306,324.28	349,672.50	323,276.65			
Rec Director Peggy Keny 1 80,000.00						80,000	
Rec Supervisor Kristine 1 63,000.00						63,000	
Rec Supervisor Elaine F 1 55,000.00						55,000	
ER Director Kelly Long 1 4,162.50						4,163	
PG Director Thomas Robb 1 3,337.50						3,338	
ER Ass. Dir. Patrick Lo 200 23.00						4,600	
PG Ass. Dir. Patty Bolt 200 18.25						3,650	
Sum Show Producer Eric 1 4,500.00						4,500	
Recreation Aids 1 98,500.00						98,500	
Learn to Swim Dir Kate 1 3,162.50						3,163	
Lifeguards and WSIs 1 30,000.00						30,000	
Special Event Staff 1 2,100.00						2,100	
Bus Driver 80 21.00						1,680	
Pickle Ball Coord Brook 49 20.00						980	
Adj - Transfer for AEDs 0 0.00						(5,000)	
A00.5.7310.401 Recreation - Office Suppl	479.30	1,023.46	1,050.00	387.25			
Office supplies for Rec 1 800.00						800	

A00-General Fund Townwide

EXPENDITURES		2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Toner for copier in Off	1	100.00					100	
Toner for printer in Of	1	150.00					150	
A00.5.7310.402 Recreation -Seminars/Conf		5,763.61	6,038.83	11,550.00	9,120.80			
CNYRPS Awards Luncheon	3	50.00					150	
NYSRPS Conference	3	1,200.00					3,600	
NRPA Conference	3	2,600.00					7,800	
A00.5.7310.403 Recreation - Associations		550.00	1,439.00	900.00	620.00			
NRPA Membership Group R	1	450.00					450	
NYSRPS Membership	3	150.00					450	
A00.5.7310.405 Recreation - Registration		3,400.00	3,600.00	3,900.00	3,900.00			
Registration Program	1	3,900.00					3,900	
A00.5.7310.408 Recreation - Printing & A		2,483.03	(688.73)	3,039.88	2,353.45			
Advertising special eve	3	100.00					300	
Advertising & printing	1	2,500.00					2,500	
Adobe subscrition	12	19.99					240	
A00.5.7310.410 Recreation - Program Expe		52,979.96	63,515.26	73,900.00	60,574.52			
Summer Playground	1	15,000.00					15,000	
Learn to Swim	1	5,000.00					5,000	
Senior Busing	1	3,000.00					3,000	
Summer Musical	1	35,000.00					35,000	
Frosty Forest	1	3,500.00					3,500	
FishStock	1	1,500.00					1,500	
Wicked Woods	1	1,500.00					1,500	
Background Checks	1	1,200.00					1,200	
Small Programs, Pickelb	1	2,000.00					2,000	
Pop up programs (board	1	1,200.00					1,200	
Adj - Transfer for AEDs	0	0.00					5,000	
A00.5.7310.415 Recreation - Mileage		986.15	1,593.45	1,869.00	1,448.08			
Mileage full time staff	3	400.00					1,200	
State Conf, Queensbury	3	223.00					669	
A00.5.7310.421 Recreation - Phone		385.99	784.51	1,840.00	970.41			
Cell Phone full time 50	3	480.00					1,440	
Cell phone summer direc	5	80.00					400	
TOTAL Recreation		342,957.12	383,630.06	447,721.38	402,651.16			
Museum								
A00.5.7450.400 Museum - Contractual		8,000.00	8,000.00	8,000.00	8,000.00			
TOTAL Museum		8,000.00	8,000.00	8,000.00	8,000.00			
Historian								
A00.5.7510.400 Historian - Contractual		4,000.00	0.00	4,000.00	4,000.00			
TOTAL Historian		4,000.00	0.00	4,000.00	4,000.00			
Environmental Control								

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

A00-General Fund Townwide

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Cemeteries							
A00.5.8810.400 Cemeteries - Contractual	5,241.50	495.00	500.00	0.00			
Flowers/Flags 1 500.00						500	
TOTAL Cemeteries	5,241.50	495.00	500.00	0.00			
Employee Benefits							
A00.5.9010.800 NYS Retirement	201,278.00	151,360.08	190,010.22	187,243.23			
NYS Retirement 1 190,010.22						190,010	
A00.5.9015.800 Fire & Police Retirement	768,743.00	822,861.00	880,890.00	880,890.00			
NYS Retirement 1 880,890.00						880,890	
A00.5.9030.800 FICA	399,862.41	442,456.58	557,402.02	442,395.91			
FICA 1 557,402.02						557,402	
A00.5.9040.800 Workers'Compensation	96,760.07	51,164.75	94,500.00	69,109.27			
Workers Comp 1 94,500.00						94,500	
A00.5.9045.800 Life Insurance	4,512.20	5,387.88	5,520.00	4,617.75			
Life Insurance 1 5,520.00						5,520	
A00.5.9050.800 Unemployment Insurance	4,911.86	5,001.88	4,000.00	132.09			
A00.5.9055.800 Disability Insurance	3,670.07	4,481.33	5,800.00	(11,722.46)			
A00.5.9060.800 Health Insurance	1,980,781.41	2,016,234.14	1,916,821.00	1,890,883.93			
Health Insurance 1 1,916,821.00						1,916,821	
A00.5.9061.800 Health Insurance Opt-Out	36,411.10	35,866.24	35,000.00	53,087.67			
A00.5.9089.800 Employee Assistance Progr	4,921.49	1,701.05	3,500.00	3,401.39			
Employee Assistance Pro 1 3,500.00						3,500	
TOTAL Employee Benefits	3,501,851.61	3,536,514.93	3,693,443.24	3,520,038.78			
Bond Anticipation Notes							
TOTAL EXPENDITURES	11,244,374.43	12,486,960.00	13,469,491.60	10,991,493.12			
REVENUES OVER/(UNDER) EXPENDITURES	460,672.69	(2,120,224.37)	1,050.12	1,007,707.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

B00-General Fund Part Town

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
B00.4.1001 Real Property Taxes	207,662.00	165,216.00	177,320.00	177,320.00			
TOTAL REAL PROPERTY TAX	207,662.00	165,216.00	177,320.00	177,320.00			
HOME &COMMUNITY SERVICES							
B00.4.2110 Zoning Fees	4,800.00	4,300.00	2,500.00	2,800.00			
B00.4.2115 Planning Board Fees	1,850.00	1,800.00	2,000.00	2,688.00			
TOTAL HOME &COMMUNITY SERVICES	6,650.00	6,100.00	4,500.00	5,488.00			
USE OF MONEY & PROPERTY							
B00.4.2401 Interest & Earnings	1,364.57	15,188.26	3,000.00	14,087.11			
TOTAL USE OF MONEY & PROPERTY	1,364.57	15,188.26	3,000.00	14,087.11			
LICENSES & PERMITS							
B00.4.2555 Building & Alteration Per	70,546.00	343,762.96	111,000.00	73,830.80			
Revenue 1 111,000.00						111,000	
B00.4.2590 Permits, Other	3,200.00	1,545.00	0.00	1,140.00			
TOTAL LICENSES & PERMITS	73,746.00	345,307.96	111,000.00	74,970.80			
SALE OF PROP/COMP F/LOSS							
B00.4.2655 Minor Sales	900.00	480.00	0.00	2,400.00			
TOTAL SALE OF PROP/COMP F/LOSS	900.00	480.00	0.00	2,400.00			
MISCELLANEOUS							
B00.4.2770 Unclassified Revenue	6,000.00	3,100.00	0.00	12.00			
TOTAL MISCELLANEOUS	6,000.00	3,100.00	0.00	12.00			
STATE AID							
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							
B00.4.9600 Appropriations	0.00	0.00	245,000.00	0.00			
Appropriations 1 245,000.00						245,000	
TOTAL SUBSIDIARY REVENUE	0.00	0.00	245,000.00	0.00			
TOTAL REVENUES	296,322.57	535,392.22	540,820.00	274,277.91			

B00-General Fund Part Town

EXPENDITURES			2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Special Items									
Code Enforcement									
B00.5.3620.100 P & D - Personal Services			136,130.35	164,610.65	184,146.60	153,882.62			
Tina	1	9,600.00						9,600	
New Clerk Position	1	8,600.00						8,600	
Tom	1	66,000.00						66,000	
Dave	1,040	23.34						24,274	
Mike	1,040	25.00						26,000	
Lisa	1	48,673.00						48,673	
New Position-Code Offic	1,040	25.00						26,000	
Adj - Budget Transfer	0	0.00						(10,000)	
Adj - Budget Transfer	0	0.00						(15,000)	
B00.5.3620.200 P & D - Equipment			0.00	0.00	75,000.00	0.00			
EV Vehicle	2	37,500.00						75,000	
B00.5.3620.400 P & D - Contractual			116,617.10	34,447.50	5,000.00	2,365.50			
Accessory Dwelling Unit	1	1,000.00						1,000	
Ward System Study Group	1	1,000.00						1,000	
Annual Meeting	1	1,000.00						1,000	
Native American Recogni	1	1,000.00						1,000	
Canal Trail	1	1,000.00						1,000	
B00.5.3620.401 P & D - Office Supplies			2,841.08	1,515.46	2,000.00	1,515.59			
Day to day supplies	1	2,000.00						2,000	
B00.5.3620.402 P & D - Training/Conferen			0.00	1,780.00	3,000.00	730.00			
TOM Training Annual NYS	1	400.00						400	
Mike and Dave Training	1	1,600.00						1,600	
Tom P Additional Traini	1	1,000.00						1,000	
B00.5.3620.403 P & D - Associations/Dues			350.00	425.00	930.00	865.00			
NYSBOC Membership	3	60.00						180	
International Code Coun	1	150.00						150	
NFPA Membership	1	175.00						175	
Onondaga County Plannin	1	75.00						75	
New York Planning Feder	1	350.00						350	
B00.5.3620.404 P & D - Books Publication			121.00	369.95	500.00	0.00			
NYS Code Books	1	0.00						0	
ASCE Books	1	250.00						250	
Refernce Standards	1	250.00						250	
B00.5.3620.405 P & D - Information Techn			10,186.90	12,804.25	30,495.00	8,542.31			
eCode360 Maplink Ann Ma	1	1,495.00						1,495	
IPS maintenance	1	6,500.00						6,500	
Mobile App Maintenance	1	7,500.00						7,500	
Adj - Budget Transfer	0	0.00						15,000	
B00.5.3620.409 P&D-Postage			0.00	0.00	750.00	0.00			
Mailings	1	750.00						750	
B00.5.3620.410 P & D - Engineer			0.00	11,790.62	42,500.00	8,472.00			

B00-General Fund Part Town

EXPENDITURES			2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
LaBella General Enginee	1	25,000.00						25,000	
Comprehensive Plan Moni	1	5,000.00						5,000	
Climate Action Plan Mon	1	2,500.00						2,500	
Adj - Budget Transfer	0	0.00						10,000	
B00.5.3620.421 P & D - Phone			1,797.54	1,320.10	1,415.28	1,298.38			
Phone reimbursement Mik	12	25.00						300	
Samsun Tablet 1	12	37.99						456	
Samsung Tablet 2	12	37.99						456	
Tom Phone	12	16.96						204	
B00.5.3620.461 P & D - Uniforms/Cleaning			608.78	134.99	700.00	294.84			
Uniform/Safety Gear	1	700.00						700	
B00.5.3620.462 P & D - Community Relatio			3,600.00	3,600.00	3,600.00	3,600.00			
Community Relations	1	3,600.00						3,600	
TOTAL Code Enforcement			272,252.75	232,798.52	350,036.88	181,566.24			
Zoning Board									
B00.5.8010.100 Zoning - Personal Service			5,050.00	0.00	12,125.00	1,300.00			
Chair	1	2,080.00						2,080	
Member	4	1,680.00						6,720	
Secretary	1	3,325.00						3,325	
B00.5.8010.401 Zoning - Office Supplies			28.06	29.25	150.00	19.63			
B00.5.8010.402 Zoning - Seminars			280.00	0.00	400.00	350.00			
B00.5.8010.408 Zoning - Advertising			836.94	1,387.79	1,200.00	1,030.75			
Postage/Legal Notice	1	1,200.00						1,200	
B00.5.8010.450 Zoning - Attorney			5,219.00	4,998.00	4,300.00	4,590.00			
TOTAL Zoning Board			11,414.00	6,415.04	18,175.00	7,290.38			
Planning Board									
B00.5.8020.100 Planning - Personal Servi			30,015.00	35,180.80	35,234.00	0.00			
Member	6	3,610.00						21,660	
Lisa	1	6,750.00						6,750	
Chair	1	6,824.00						6,824	
B00.5.8020.401 Planning - Office Supplie			69.26	43.47	390.00	518.88			
B00.5.8020.402 Planning - Seminars/Confe			380.00	375.00	830.00	830.00			
B00.5.8020.408 Planning - Advertising			880.43	371.24	800.00	284.35			
B00.5.8020.410 Planning - Engineer			0.00	12,473.60	15,000.00	17,568.89			
B00.5.8020.450 Planning - Attorney			14,467.00	12,173.70	20,000.00	14,522.10			
TOTAL Planning Board			45,811.69	60,617.81	72,254.00	33,724.22			
Employee Benefits									
B00.5.9010.800 P & D - NYS Retirement			8,296.45	8,354.00	14,556.98	14,556.99			
NYS Retirement	1	14,556.98						14,557	
B00.5.9030.800 P & D - FICA			12,103.66	12,614.88	17,797.39	10,902.91			
FICA	1	17,797.39						17,797	
B00.5.9040.800 P & D - Worker's Compensa			5,619.04	2,541.56	5,500.00	5,007.88			
Workers Compensation	1	5,500.00						5,500	
B00.5.9055.800 P & D - Disability Insura			242.31	249.69	250.00	(112.72)			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

B00-General Fund Part Town

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
B00.5.9060.800 P & D - Hospital & Medica	52,075.14	57,307.40	62,250.00	57,071.08			
Hospital & Medical Ins 1	62,250.00					62,250	
TOTAL Employee Benefits	78,336.60	81,067.53	100,354.37	87,426.14			
TOTAL EXPENDITURES	407,815.04	380,898.90	540,820.25	310,006.98			
REVENUES OVER/(UNDER) EXPENDITURES	(111,492.47)	154,493.32	(0.25)	(35,729.07)			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM1-Police Special Revenue

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
POLICE-SPECIAL ITEMS							
CM1.4.1589.93 Stop DWI - Quarterly Paym	0.00	18,039.21	0.00	0.00			
TOTAL POLICE-SPECIAL ITEMS	0.00	18,039.21	0.00	0.00			
USE OF MONEY & PROPERTY							
CM1.4.2401 Earned Interest - Pooled	61.81	1,998.24	0.00	2,336.91			
TOTAL USE OF MONEY & PROPERTY	61.81	1,998.24	0.00	2,336.91			
MISCELLANEOUS							
CM1.4.2705.92 Donations - Police Equipm	5,110.00	200.00	0.00	0.00			
TOTAL MISCELLANEOUS	5,110.00	200.00	0.00	0.00			
STATE AID							
SUBSIDIARY REVENUE							
TOTAL REVENUES	5,171.81	20,237.45	0.00	2,336.91			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM1-Police Special Revenue

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Police							
CM1.5.3120.491 Drug Enforcement - Contra	0.00	(3,312.97)	0.00	1,680.00			
CM1.5.3120.493 DWI Equipment - Contract	11,947.27	9,830.62	0.00	3,645.92			
CM1.5.3120.494 AED-Donations	3,722.98	1,890.00	0.00	(1,357.76)			
TOTAL Police	15,670.25	8,407.65	0.00	3,968.16			
TOTAL EXPENDITURES	15,670.25	8,407.65	0.00	3,968.16			
REVENUES OVER/(UNDER) EXPENDITURES	(10,498.44)	11,829.80	0.00	(1,631.25)			

CM2-MS4 Flood Water Study

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
CM2.4.2401 Interest & Earnings	5.04	125.78	0.00	153.80			
TOTAL USE OF MONEY & PROPERTY	5.04	125.78	0.00	153.80			
MISCELLANEOUS							
FEDERAL AID							
SUBSIDIARY REVENUE							
TOTAL REVENUES	5.04	125.78	0.00	153.80			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM2-MS4 Flood Water Study

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Flood Water Study							
REVENUES OVER/(UNDER) EXPENDITURES	5.04	125.78	0.00	153.80			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM3-Sustainable Manlius

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
CM3.4.2401 Earned Interest	6.12	327.31	0.00	665.42			
TOTAL USE OF MONEY & PROPERTY	6.12	327.31	0.00	665.42			
MISCELLANEOUS							
CM3.4.2705 Donations	6,300.00	8,425.00	0.00	34,950.00			
TOTAL MISCELLANEOUS	6,300.00	8,425.00	0.00	34,950.00			
STATE AID							
CM3.4.3010 NYSERDA Grant	5,000.00	0.00	0.00	2,500.00			
CM3.4.3011 Climate Smart Grant	0.00	14,249.99	0.00	8,000.01			
CM3.4.3012 Watershed Stewards	0.00	820.00	0.00	0.00			
CM3.4.3013 EarthFest	0.00	0.00	11,750.00	11,351.00			
TOTAL STATE AID	5,000.00	15,069.99	11,750.00	21,851.01			
TOTAL REVENUES	11,306.12	23,822.30	11,750.00	57,466.43			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM3-Sustainable Manlius

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Substainable Manlius							
CM3.5.6789.200 Sustain Manlius - Equipme	0.00	161.99	0.00	0.00			
CM3.5.6789.400 Sustain Manlius - Contrac	5,185.18	25,237.31	0.00	0.00			
TOTAL Substainable Manlius	5,185.18	25,399.30	0.00	0.00			
Watershed Stewards							
CM3.5.6790.400 Watershed Stewards-Contra	0.00	20.99	474.25	473.85			
TOTAL Watershed Stewards	0.00	20.99	474.25	473.85			
EarthFest							
CM3.5.6791.401 EarthFest Expenses	0.00	0.00	11,275.75	9,184.68			
TOTAL EarthFest	0.00	0.00	11,275.75	9,184.68			
TOTAL EXPENDITURES	5,185.18	25,420.29	11,750.00	9,658.53			
REVENUES OVER/(UNDER) EXPENDITURES	6,120.94	(1,597.99)	0.00	47,807.90			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM4-Court Special Revenue

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
GENERAL GOVERNMENT							
CM4.4.1289 DWI Arraignments	350.00	730.00	0.00	880.00			
TOTAL GENERAL GOVERNMENT	350.00	730.00	0.00	880.00			
USE OF MONEY & PROPERTY							
CM4.4.2401 Interest & Earnings	3.49	92.03	0.00	85.98			
TOTAL USE OF MONEY & PROPERTY	3.49	92.03	0.00	85.98			
SUBSIDIARY REVENUE							
TOTAL REVENUES	353.49	822.03	0.00	965.98			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM4-Court Special Revenue

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Justices							
CM4.5.1110.400 Justices - Contractual	851.63	496.40	0.00	1,442.90			
TOTAL Justices	851.63	496.40	0.00	1,442.90			
TOTAL EXPENDITURES	851.63	496.40	0.00	1,442.90			
REVENUES OVER/(UNDER) EXPENDITURES	(498.14)	325.63	0.00	(476.92)			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM5-Parkland Trust

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
OTHER RECREATION REVENUE							
USE OF MONEY & PROPERTY							
CM5.4.2401 Interest & Earnings	49.11	1,227.81	0.00	1,501.33			
TOTAL USE OF MONEY & PROPERTY	49.11	1,227.81	0.00	1,501.33			
SUBSIDIARY REVENUE							
TOTAL REVENUES	49.11	1,227.81	0.00	1,501.33			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM5-Parkland Trust

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REVENUES OVER/(UNDER) EXPENDITURES	49.11	1,227.81	0.00	1,501.33			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM6-Watershed Stewards

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
MISCELLANEOUS							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

CM6-Watershed Stewards

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Watershed Stewards							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

DA0-Highway Fund Townwide

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
DA0.4.1001 Real Property Taxes	2,342,514.00	2,368,077.00	2,438,713.00	2,438,713.00			
TOTAL REAL PROPERTY TAX	2,342,514.00	2,368,077.00	2,438,713.00	2,438,713.00			
Onondaga County Aid							
DA0.4.2300 Transportation Services	94,510.22	97,345.53	96,869.00	100,265.89			
TOTAL Onondaga County Aid	94,510.22	97,345.53	96,869.00	100,265.89			
USE OF MONEY & PROPERTY							
DA0.4.2401 Interest & Earnings	2,840.49	61,490.86	1,000.00	97,492.72			
TOTAL USE OF MONEY & PROPERTY	2,840.49	61,490.86	1,000.00	97,492.72			
SALE OF PROP/COMP F/LOSS							
DA0.4.2650 Sales of Scrap & Material	1,321.17	1,502.77	1,000.00	940.00			
DA0.4.2665 Sale of Equipment	32,400.00	47,587.50	25,000.00	0.00			
TOTAL SALE OF PROP/COMP F/LOSS	33,721.17	49,090.27	26,000.00	940.00			
MISCELLANEOUS							
STATE AID							
DA0.4.3500 WIRP - Winter Severity Ai	49,763.66	49,763.66	49,763.66	49,763.66			
TOTAL STATE AID	49,763.66	49,763.66	49,763.66	49,763.66			
SUBSIDIARY REVENUE							
DA0.4.9600 Appropriations	0.00	0.00	110,000.00	0.00			
Appropriations 1 110,000.00						110,000	
TOTAL SUBSIDIARY REVENUE	0.00	0.00	110,000.00	0.00			
TOTAL REVENUES	2,523,349.54	2,625,767.32	2,722,345.66	2,687,175.27			

DA0-Highway Fund Townwide

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Perm Improve Highway							
DA0.5.5112.200 Perm Improve Highway	49,763.66	49,763.66	0.00	0.00			
TOTAL Perm Improve Highway	49,763.66	49,763.66	0.00	0.00			
Machinery							
DA0.5.5130.200 Machinery - Equipment	339,543.40	131,785.04	217,507.00	(88,606.40)			
TRK 15 Cab & Chassis 1 112,507.00						112,507	
TRK7 Cab Chassis 1 92,000.00						92,000	
TRK Replacing TRK22 550 1 13,000.00						13,000	
DA0.5.5130.411 Machinery - Vehicle Expen	91,923.71	94,669.13	140,000.00	111,395.91			
DA0.5.5130.440 Machinery - Equipment Exp	49,381.65	33,144.95	75,000.00	25,239.87			
Equipment Repairs 1 75,000.00						75,000	
DA0.5.5130.447 Machinery - Shop Supply/S	10,701.90	15,689.77	10,500.00	9,616.87			
Shop Stock 1 10,500.00						10,500	
DA0.5.5130.473 Machinery - Shop Tools	2,639.67	8,829.11	7,140.00	2,680.57			
Shop Tools 1 7,140.00						7,140	
DA0.5.5130.474 Machinery - Tires	3,041.93	1,668.00	4,500.00	37.75			
Tire Repair 1 4,500.00						4,500	
TOTAL Machinery	497,232.26	285,786.00	454,647.00	60,364.57			
Brush & Weeds							
DA0.5.5140.100 Brush & Weeds - Personal	48,033.30	47,657.62	53,041.00	47,633.20			
Straight time 1 53,041.00						53,041	
DA0.5.5140.101 Brush & Weeds - Overtime	4,440.63	2,287.82	3,563.00	830.31			
Overtime(Earth Day & Cr 1 3,563.00						3,563	
DA0.5.5140.400 Brush & Weeds - Miscellan	17.14	0.00	100.00	16.47			
DA0.5.5140.402 Brush & Weeds - Seminars/	100.00	0.00	0.00	0.00			
DA0.5.5140.408 Brush & Weeds - Legal Adv	0.00	0.00	75.00	0.00			
DA0.5.5140.410 Brush & Weeds - Fuel	3,162.33	4,466.51	4,500.00	533.54			
DA0.5.5140.440 Brush & Weeds - Equipment	545.10	471.42	765.00	567.90			
Equipment Repair 1 765.00						765	
DA0.5.5140.447 Brush & Weeds - Supplies/	2,150.16	3,652.56	0.00	(844.29)			
Supplies/Trees 1 2,500.00						2,500	
Adj - Moving to A00 0 0.00						(2,500)	
DA0.5.5140.473 Brush & Weeds - Tools	0.00	448.50	900.00	2,637.95			
Tools-Chain Saws, Weed 1 900.00						900	
DA0.5.5140.490 Brush & Weeds - Contract	54,209.73	54,930.25	66,300.00	47,058.00			
Contractual Services 1 66,300.00						66,300	
TOTAL Brush & Weeds	112,658.39	113,914.68	129,244.00	98,433.08			
Snow Removal							
DA0.5.5142.100 Snow Removal - Personal S	611,571.07	620,993.16	643,429.00	535,234.06			
Straight Time 1 643,429.00						643,429	
DA0.5.5142.101 Snow Removal - Overtime	155,648.69	107,062.14	191,881.00	88,387.22			
Overtime 1 191,881.00						191,881	

DA0-Highway Fund Townwide

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
DA0.5.5142.102 Snow Removal - Double Tim	42,126.11	12,981.40	59,987.00	24,582.36			
Doubletime 1 59,987.00						59,987	
DA0.5.5142.400 Snow Removal - Miscellane	359.00	888.03	975.00	202.50			
DA0.5.5142.401 Snow Removal - Office Sup	988.64	1,909.46	1,560.60	1,700.06			
Office Supplies 1 1,560.60						1,561	
DA0.5.5142.404 Snow Removal - Subscripti	136.20	138.94	255.00	138.94			
Subscriptions/Code Book 1 255.00						255	
DA0.5.5142.408 Snow Removal - Legal Adve	0.00	0.00	102.00	0.00			
Legal Advertis 1 102.00						102	
DA0.5.5142.410 Snow Removal - Gasoline/D	65,278.12	29,521.19	101,250.00	45,886.46			
DA0.5.5142.421 Snow Removal - Phones/Pag	1,415.66	1,530.63	1,734.00	1,331.18			
Cell Phones 1 1,734.00						1,734	
DA0.5.5142.430 Snow Removal - Cleaning S	3,017.27	1,043.50	5,610.00	264.74			
Cleaning Supplies 1 5,610.00						5,610	
DA0.5.5142.440 Snow Removal - Radios/CB'	1,717.62	1,584.16	2,142.00	319.80			
Radios/CB Repairs 1 2,142.00						2,142	
DA0.5.5142.441 Snow Removal - Safety/Tra	6,843.04	5,727.93	7,140.00	4,232.95			
Safety/Training 1 7,140.00						7,140	
DA0.5.5142.447 Snow Removal - Shop Suppl	17,037.19	15,163.48	38,648.82	5,612.61			
Shop Supplies 1 38,648.82						38,649	
DA0.5.5142.448 Snow Removal - Uniforms/C	13,311.24	14,010.00	15,300.00	13,661.59			
Clothing Allowance/Laun 1 15,300.00						15,300	
DA0.5.5142.470 Snow Removal - Materials	351,686.96	382,592.27	480,594.00	204,983.06			
Materials(Salt, Clearla 1 480,594.00						480,594	
DA0.5.5142.471 Snow Removal - Repairs	47,954.64	24,133.30	38,957.63	29,219.37			
Repairs/Plow Equip 1 38,957.63						38,958	
DA0.5.5142.472 Snow Removal - Plow/Sand	15,000.00	171,633.33	140,000.00	(147,932.81)			
Plow/Sander Equipment 1 140,000.00						140,000	
DA0.5.5142.474 Snow Removal - Tires	12,686.32	28,361.68	19,380.00	17,323.41			
New Tires 1 19,380.00						19,380	
TOTAL Snow Removal	1,346,777.77	1,419,274.60	1,748,946.05	825,147.50			
Employee Benefits							
DA0.5.9010.800 NYS Retirement	111,478.00	82,979.00	91,497.90	91,497.90			
NYS Retirement 1 91,497.90						91,498	
DA0.5.9030.800 FICA	58,872.07	56,320.24	75,694.79	51,222.78			
FICA 1 75,694.79						75,695	
DA0.5.9040.800 Worker's Compensation	43,979.00	20,346.69	36,000.00	28,580.13			
Wokers Compensation 1 36,000.00						36,000	
DA0.5.9055.800 Disability Insurance	1,023.35	903.97	1,100.00	(838.55)			
DA0.5.9060.800 Hospital & Medical Insura	169,506.47	170,686.68	179,766.00	173,790.05			
Hospital & Medical Insu 1 179,766.00						179,766	
DA0.5.9061.800 Health Insurance Opt-Out	2,423.07	2,215.44	2,500.00	1,661.58			
TOTAL Employee Benefits	387,281.96	333,452.02	386,558.69	345,913.89			

DA0-Highway Fund Townwide

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Debt Service							
Transfer to Capital Proj							
TOTAL EXPENDITURES	2,393,714.04	2,202,190.96	2,719,395.74	1,329,859.04			
REVENUES OVER/(UNDER) EXPENDITURES	129,635.50	423,576.36	2,949.92	1,357,316.23			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

DB0-Highway -Part Town

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
DB0.4.1001 Real Property Taxes	2,030,652.13	1,983,580.95	1,994,946.00	1,993,867.96			
TOTAL REAL PROPERTY TAX	2,030,652.13	1,983,580.95	1,994,946.00	1,993,867.96			
USE OF MONEY & PROPERTY							
DB0.4.2401 Interest & Earnings	2,957.25	50,144.90	1,000.00	68,692.21			
TOTAL USE OF MONEY & PROPERTY	2,957.25	50,144.90	1,000.00	68,692.21			
SALE OF PROP/COMP F/LOSS							
MISCELLANEOUS							
STATE AID							
DB0.4.3501 CHIPS Program	329,377.32	358,912.10	329,377.48	360,537.83			
TOTAL STATE AID	329,377.32	358,912.10	329,377.48	360,537.83			
FEDERAL AID							
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							
DB0.4.9600 Appropriations	0.00	0.00	210,000.00	0.00			
Appropriations 1	210,000.00					210,000	
TOTAL SUBSIDIARY REVENUE	0.00	0.00	210,000.00	0.00			
TOTAL REVENUES	2,362,986.70	2,392,637.95	2,535,323.48	2,423,098.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

DB0-Highway -Part Town

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
General Repairs							
DB0.5.5110.100 General Repairs - Persona	609,546.69	643,239.10	684,861.00	637,951.59			
Straight Time 1 684,861.00						684,861	
DB0.5.5110.101 General Repairs - Overti	20,491.02	18,054.01	17,841.00	14,634.91			
Overtime 1 17,841.00						17,841	
DB0.5.5110.102 General Repairs - Doublet	0.00	266.77	671.00	0.00			
Doubletime 1 671.00						671	
DB0.5.5110.400 General Repairs - Miscell	108.86	214.42	500.00	146.74			
DB0.5.5110.408 General Repairs - Printin	0.00	0.00	60.00	0.00			
DB0.5.5110.410 General Repairs - Diesel	60,324.75	64,767.51	67,500.00	37,949.97			
DB0.5.5110.430 General Repairs - Stop Ch	7,685.52	7,947.15	7,500.00	9,062.90			
DB0.5.5110.441 General Repairs - Safety/	300.27	0.00	1,020.00	1,198.48			
Safety/Training 1 1,020.00						1,020	
DB0.5.5110.450 General Repairs - Contrac	568,607.37	603,975.74	413,011.98	576,302.74			
Contractual/Milling/Cra 1 413,011.98						413,012	
DB0.5.5110.472 General Repairs - Signs	8,910.90	12,790.09	14,000.00	4,096.76			
Signs 1 14,000.00						14,000	
DB0.5.5110.473 General Repairs - Road To	219.29	801.76	1,020.00	2,132.13			
Road Tools 1 1,020.00						1,020	
DB0.5.5110.474 General Repairs - Tires	4,782.22	8,116.12	5,610.00	5,344.51			
Tires:Pavers. Mowers, B 1 5,610.00						5,610	
DB0.5.5110.475 General Repairs - Road Re	250,946.76	284,831.32	872,948.65	675,061.43			
Road Repair/Asphalt 1 872,948.65						872,949	
DB0.5.5110.476 General Repairs - Road Pa	31,564.52	27,112.12	34,925.00	34,400.30			
Road Paint & Spheres 1 34,925.00						34,925	
DB0.5.5110.477 General Repairs - Equipme	0.00	0.00	1,000.00	0.00			
DB0.5.5110.478 General Repairs - Drainag	42,657.37	52,968.18	44,882.25	48,496.39			
Drainage/Catch Basin/Di 1 44,882.25						44,882	
TOTAL General Repairs	1,606,145.54	1,725,084.29	2,167,350.88	2,046,778.85			
Perm Improve Highway							
DB0.5.5112.200 Perm Improve Highway	329,337.32	358,912.10	0.00	0.00			
TOTAL Perm Improve Highway	329,337.32	358,912.10	0.00	0.00			
Employee Benefits							
DB0.5.9010.800 NYS Retirement	111,478.00	82,979.00	91,497.90	91,497.90			
NYS Retirement 1 91,497.90						91,498	
DB0.5.9030.800 FICA	47,909.13	46,485.06	57,108.93	44,780.89			
FICA 1 57,108.93						57,109	
DB0.5.9040.800 Worker's Compensation	43,979.00	20,346.69	36,000.00	28,580.13			
Wokers Compensation 1 36,000.00						36,000	
DB0.5.9055.800 Disability Insurance	1,076.67	1,260.01	1,100.00	(931.47)			
DB0.5.9060.800 Hospital & Medical Insura	169,506.47	170,686.68	179,766.00	203,392.49			
Hospital & Medical Insu 1 179,766.00						179,766	
DB0.5.9061.800 Health Insurance Opt-Out	2,353.88	2,400.06	2,500.00	1,223.11			
TOTAL Employee Benefits	376,303.15	324,157.50	367,972.83	368,543.05			
TOTAL EXPENDITURES	2,311,786.01	2,408,153.89	2,535,323.71	2,415,321.90			
REVENUES OVER/(UNDER) EXPENDITURES	51,200.69	(15,515.94)	(0.23)	7,776.10			

HA0-Landfill Capital Fund

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
HA0.4.2401 Interest & Earnings	26.56	664.03	0.00	811.96			
TOTAL USE OF MONEY & PROPERTY	26.56	664.03	0.00	811.96			
SUBSIDIARY REVENUE							
TOTAL REVENUES	26.56	664.03	0.00	811.96			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HA0-Landfill Capital Fund

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Landfill Closure/Refuse							
REVENUES OVER/(UNDER) EXPENDITURES	26.56	664.03	0.00	811.96			

HB0-Watervale Rd Water Ext

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HB0-Watervale Rd Water Ext

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HC0-Town Hall

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HC0-Town Hall

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Town Hall							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HD0-Thompson Sewer District

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
HD0.4.2401 Interest & Earnings	0.00	0.08	0.00	0.08			
TOTAL USE OF MONEY & PROPERTY	0.00	0.08	0.00	0.08			
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							
TOTAL REVENUES	0.00	0.08	0.00	0.08			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HD0-Thompson Sewer District

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Sanitary Sewer							
REVENUES OVER/(UNDER) EXPENDITURES	0.00	0.08	0.00	0.08			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HE0-Salt Storage Facility

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
HE0.4.1001 Real Property Taxes	0.00	0.00	5,000.00	0.00			
TOTAL REAL PROPERTY TAX	0.00	0.00	5,000.00	0.00			
USE OF MONEY & PROPERTY							
HE0.4.2401 Interest & Earnings	339.68	1,192.20	0.00	0.00			
TOTAL USE OF MONEY & PROPERTY	339.68	1,192.20	0.00	0.00			
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							
TOTAL REVENUES	339.68	1,192.20	5,000.00	0.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HE0-Salt Storage Facility

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Garage							
HE0.5.5132.200 Salt Storage Facility - C	0.00	0.00	5,000.00	0.00			
Salt Storage Shed Repai 1	5,000.00					5,000	
TOTAL Garage	0.00	0.00	5,000.00	0.00			
Bond Anticipation Notes							
TOTAL EXPENDITURES	0.00	0.00	5,000.00	0.00			
REVENUES OVER/(UNDER) EXPENDITURES	339.68	1,192.20	0.00	0.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HG0-Highway Gararge Roof

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
HG0.4.1001 Real Property Taxes	0.00	0.00	5,000.00	0.00			
TOTAL REAL PROPERTY TAX	0.00	0.00	5,000.00	0.00			
USE OF MONEY & PROPERTY							
HG0.4.2401 Interest & Earnings	78.83	876.01	0.00	0.00			
TOTAL USE OF MONEY & PROPERTY	78.83	876.01	0.00	0.00			
INTERFUND TRANSFERS							
TOTAL REVENUES	78.83	876.01	5,000.00	0.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HG0-Highway Gararge Roof

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Garage							
HG0.5.5132.200 Garage-Roof	0.00	0.00	5,000.00	0.00			
Building Repair Maintan 1	5,000.00					5,000	
TOTAL Garage	0.00	0.00	5,000.00	0.00			
TOTAL EXPENDITURES	0.00	0.00	5,000.00	0.00			
REVENUES OVER/(UNDER) EXPENDITURES	78.83	876.01	0.00	0.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HH0-Highway Eqpt Reserve Fund

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HH0-Highway Eqpt Reserve Fund

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Landfill Closure/Refuse							

HW0-Town Hall Windows

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
USE OF MONEY & PROPERTY							
INTERFUND TRANSFERS							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

HW0-Town Hall Windows

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Garage							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SD1-Consolidated Drainage #1

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SD1.4.1001 Real Property Taxes	65,775.00	65,775.00	131,500.00	131,500.00			
TOTAL REAL PROPERTY TAX	65,775.00	65,775.00	131,500.00	131,500.00			
USE OF MONEY & PROPERTY							
SD1.4.2401 Interest & Earnings	510.56	3,255.79	0.00	0.00			
TOTAL USE OF MONEY & PROPERTY	510.56	3,255.79	0.00	0.00			
SUBSIDIARY REVENUE							
TOTAL REVENUES	66,285.56	69,030.79	131,500.00	131,500.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SD1-Consolidated Drainage #1

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Drainage							
SD1.5.8540.400 Drainage - Contractual	10,849.00	494,420.00	131,500.00	0.00			
TOTAL Drainage	10,849.00	494,420.00	131,500.00	0.00			
TOTAL EXPENDITURES	10,849.00	494,420.00	131,500.00	0.00			
REVENUES OVER/(UNDER) EXPENDITURES	55,436.56	(425,389.21)	0.00	131,500.00			

SD2-Donsolidated Drainage #2

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SD2.4.1001 Real Property Taxes	34,400.00	34,397.47	172,125.00	172,125.00			
TOTAL REAL PROPERTY TAX	34,400.00	34,397.47	172,125.00	172,125.00			
USE OF MONEY & PROPERTY							
SD2.4.2401 Interest & Earnings	250.50	6,316.15	0.00	12,999.88			
TOTAL USE OF MONEY & PROPERTY	250.50	6,316.15	0.00	12,999.88			
SUBSIDIARY REVENUE							
TOTAL REVENUES	34,650.50	40,713.62	172,125.00	185,124.88			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SD2-Donsolidated Drainage #2

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Drainage							
SD2.5.8540.400 Drainage - Contractual	11,771.50	8,000.00	172,125.00	4,136.00			
TOTAL Drainage	11,771.50	8,000.00	172,125.00	4,136.00			
TOTAL EXPENDITURES	11,771.50	8,000.00	172,125.00	4,136.00			
REVENUES OVER/(UNDER) EXPENDITURES	22,879.00	32,713.62	0.00	180,988.88			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SD3-Consolidated Drainage #3

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SD3.4.1001 Real Property Taxes	88,222.54	88,218.56	44,244.00	44,243.75			
TOTAL REAL PROPERTY TAX	88,222.54	88,218.56	44,244.00	44,243.75			
USE OF MONEY & PROPERTY							
SD3.4.2401 Interest & Earnings	1,158.85	13,842.99	0.00	16,701.71			
TOTAL USE OF MONEY & PROPERTY	1,158.85	13,842.99	0.00	16,701.71			
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							
TOTAL REVENUES	89,381.39	102,061.55	44,244.00	60,945.46			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SD3-Consolidated Drainage #3

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Drainage							
SD3.5.8540.400 Drainage - Contractual	266,384.29	3,210.00	44,244.00	1,947.50			
TOTAL Drainage	266,384.29	3,210.00	44,244.00	1,947.50			
TOTAL EXPENDITURES	266,384.29	3,210.00	44,244.00	1,947.50			
REVENUES OVER/(UNDER) EXPENDITURES	(177,002.90)	98,851.55	0.00	58,997.96			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF1-Fayetteville Fire Protect

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SF1.4.1001 Real Property Taxes	1,845,453.38	1,994,113.86	2,056,921.00	2,056,844.17			
TOTAL REAL PROPERTY TAX	1,845,453.38	1,994,113.86	2,056,921.00	2,056,844.17			
USE OF MONEY & PROPERTY							
SF1.4.2401 Interest & Earnings	7.58	88.16	0.00	96.69			
TOTAL USE OF MONEY & PROPERTY	7.58	88.16	0.00	96.69			
SUBSIDIARY REVENUE							
TOTAL REVENUES	1,845,460.96	1,994,202.02	2,056,921.00	2,056,940.86			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF1-Fayetteville Fire Protect

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Fire Protection							
SF1.5.3410.400 Fire Protection - Contrac	1,845,448.00	1,994,075.00	2,056,921.00	2,056,921.00			
TOTAL Fire Protection	1,845,448.00	1,994,075.00	2,056,921.00	2,056,921.00			
Ambulance/EMS							
TOTAL EXPENDITURES	1,845,448.00	1,994,075.00	2,056,921.00	2,056,921.00			
REVENUES OVER/(UNDER) EXPENDITURES	12.96	127.02	0.00	19.86			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF2-Manlius Fire Proctection

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SF2.4.1001 Real Property Taxes	1,473,349.43	1,582,472.29	1,839,164.44	1,836,639.32			
TOTAL REAL PROPERTY TAX	1,473,349.43	1,582,472.29	1,839,164.44	1,836,639.32			
USE OF MONEY & PROPERTY							
SF2.4.2401 Interest & Earnings	29.31	333.18	0.00	309.11			
TOTAL USE OF MONEY & PROPERTY	29.31	333.18	0.00	309.11			
SUBSIDIARY REVENUE							
TOTAL REVENUES	1,473,378.74	1,582,805.47	1,839,164.44	1,836,948.43			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF2-Manlius Fire Proctection

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Fire Protection							
SF2.5.3410.400 Fire Protection - Contrac	1,473,283.84	1,582,416.55	1,839,164.44	1,839,164.44			
TOTAL Fire Protection	1,473,283.84	1,582,416.55	1,839,164.44	1,839,164.44			
Ambulance/EMS							
TOTAL EXPENDITURES	1,473,283.84	1,582,416.55	1,839,164.44	1,839,164.44			
REVENUES OVER/(UNDER) EXPENDITURES	94.90	388.92	0.00	(2,216.01)			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF3-Minoa Fire Protection

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SF3.4.1001 Real Property Taxes	1,208,411.70	1,241,734.14	1,225,001.00	1,225,039.44			
TOTAL REAL PROPERTY TAX	1,208,411.70	1,241,734.14	1,225,001.00	1,225,039.44			
USE OF MONEY & PROPERTY							
SF3.4.2401 Interest & Earnings	4.18	51.73	0.00	60.02			
TOTAL USE OF MONEY & PROPERTY	4.18	51.73	0.00	60.02			
SUBSIDIARY REVENUE							
TOTAL REVENUES	1,208,415.88	1,241,785.87	1,225,001.00	1,225,099.46			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF3-Minoa Fire Protection

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Fire Protection							
SF3.5.3410.400 Fire Protection - Contrac	1,208,378.00	1,241,693.00	1,225,001.00	1,225,001.00			
Fire Protection 1 1,225,001.00						1,225,001	
TOTAL Fire Protection	1,208,378.00	1,241,693.00	1,225,001.00	1,225,001.00			
Ambulance/EMS							
TOTAL EXPENDITURES	1,208,378.00	1,241,693.00	1,225,001.00	1,225,001.00			
REVENUES OVER/(UNDER) EXPENDITURES	37.88	92.87	0.00	98.46			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF4-Kirkville Fire Department

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SF4.4.1001 Property Taxes	230,035.58	238,815.25	245,069.00	245,069.88			
TOTAL REAL PROPERTY TAX	230,035.58	238,815.25	245,069.00	245,069.88			
USE OF MONEY & PROPERTY							
SF4.4.2401 Earned Interest	0.00	0.39	0.00	0.66			
TOTAL USE OF MONEY & PROPERTY	0.00	0.39	0.00	0.66			
SUBSIDIARY REVENUE							
TOTAL REVENUES	230,035.58	238,815.64	245,069.00	245,070.54			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SF4-Kirkville Fire Department

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Fire Protection							
SF4.5.3410.400 Kirkville Fire - Contract	230,025.00	238,807.00	245,069.00	245,069.00			
TOTAL Fire Protection	230,025.00	238,807.00	245,069.00	245,069.00			
TOTAL EXPENDITURES	230,025.00	238,807.00	245,069.00	245,069.00			
REVENUES OVER/(UNDER) EXPENDITURES	10.58	8.64	0.00	1.54			

SL1-Overhead Lighting

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SL1.4.1001 Real Property Taxes	20,014.02	25,010.11	25,000.00	25,012.27			
TOTAL REAL PROPERTY TAX	20,014.02	25,010.11	25,000.00	25,012.27			
USE OF MONEY & PROPERTY							
SL1.4.2401 Interest & Earnings	58.27	533.56	0.00	663.89			
TOTAL USE OF MONEY & PROPERTY	58.27	533.56	0.00	663.89			
SUBSIDIARY REVENUE							
TOTAL REVENUES	20,072.29	25,543.67	25,000.00	25,676.16			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SL1-Overhead Lighting

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Street Lighting							
SL1.5.5182.400 Street Lighting - Contrac	21,880.15	22,933.77	25,000.00	17,131.77			
TOTAL Street Lighting	21,880.15	22,933.77	25,000.00	17,131.77			
TOTAL EXPENDITURES	21,880.15	22,933.77	25,000.00	17,131.77			
REVENUES OVER/(UNDER) EXPENDITURES	(1,807.86)	2,609.90	0.00	8,544.39			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SL2-Underground Lighting

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SL2.4.1001 Real Property Taxes	26,002.66	33,004.28	30,000.00	30,007.53			
TOTAL REAL PROPERTY TAX	26,002.66	33,004.28	30,000.00	30,007.53			
USE OF MONEY & PROPERTY							
SL2.4.2401 Interest & Earnings	10.00	506.25	0.00	841.35			
TOTAL USE OF MONEY & PROPERTY	10.00	506.25	0.00	841.35			
SUBSIDIARY REVENUE							
TOTAL REVENUES	26,012.66	33,510.53	30,000.00	30,848.88			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SL2-Underground Lighting

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Street Lighting							
SL2.5.5182.400 Street Lighting - Contrac	29,360.65	27,894.27	30,000.00	23,840.43			
TOTAL Street Lighting	29,360.65	27,894.27	30,000.00	23,840.43			
TOTAL EXPENDITURES	29,360.65	27,894.27	30,000.00	23,840.43			
REVENUES OVER/(UNDER) EXPENDITURES	(3,347.99)	5,616.26	0.00	7,008.45			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SL3-Entry Lighting

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SL3.4.1001 Real Property Taxes	1,201.53	1,703.96	1,500.00	1,502.22			
TOTAL REAL PROPERTY TAX	1,201.53	1,703.96	1,500.00	1,502.22			
USE OF MONEY & PROPERTY							
SL3.4.2401 Interest & Earnings	14.22	162.37	0.00	185.64			
TOTAL USE OF MONEY & PROPERTY	14.22	162.37	0.00	185.64			
SUBSIDIARY REVENUE							
TOTAL REVENUES	1,215.75	1,866.33	1,500.00	1,687.86			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SL3-Entry Lighting

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Street Lighting							
SL3.5.5182.400 Street Lighting - Contrac	1,433.79	1,342.81	1,500.00	1,125.38			
TOTAL Street Lighting	1,433.79	1,342.81	1,500.00	1,125.38			
TOTAL EXPENDITURES	1,433.79	1,342.81	1,500.00	1,125.38			
REVENUES OVER/(UNDER) EXPENDITURES	(218.04)	523.52	0.00	562.48			

SL4-Garden Park Lighting

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SL4.4.1001 Real Property Taxes	7,500.91	10,000.91	9,000.00	9,000.74			
TOTAL REAL PROPERTY TAX	7,500.91	10,000.91	9,000.00	9,000.74			
USE OF MONEY & PROPERTY							
SL4.4.2401 Interest & Earnings	1.92	102.29	0.00	182.60			
TOTAL USE OF MONEY & PROPERTY	1.92	102.29	0.00	182.60			
SUBSIDIARY REVENUE							
TOTAL REVENUES	7,502.83	10,103.20	9,000.00	9,183.34			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SL4-Garden Park Lighting

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Street Lighting							
SL4.5.5182.400 Street Lighting - Contrac	8,718.08	8,258.92	9,000.00	7,075.38			
TOTAL Street Lighting	8,718.08	8,258.92	9,000.00	7,075.38			
TOTAL EXPENDITURES	8,718.08	8,258.92	9,000.00	7,075.38			
REVENUES OVER/(UNDER) EXPENDITURES	(1,215.25)	1,844.28	0.00	2,107.96			

SL5-Ratnour Bridge Lighting

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SL5.4.1001 Real Property Taxes	30,008.51	37,011.59	32,000.00	32,008.53			
TOTAL REAL PROPERTY TAX	30,008.51	37,011.59	32,000.00	32,008.53			
USE OF MONEY & PROPERTY							
SL5.4.2401 Interest & Earnings	21.37	917.46	0.00	1,416.73			
TOTAL USE OF MONEY & PROPERTY	21.37	917.46	0.00	1,416.73			
SUBSIDIARY REVENUE							
TOTAL REVENUES	30,029.88	37,929.05	32,000.00	33,425.26			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SL5-Ratnour Bridge Lighting

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Street Lighting							
SL5.5.5182.400 Street Lighting - Contrac	32,971.46	30,625.64	32,000.00	25,972.19			
TOTAL Street Lighting	32,971.46	30,625.64	32,000.00	25,972.19			
TOTAL EXPENDITURES	32,971.46	30,625.64	32,000.00	25,972.19			
REVENUES OVER/(UNDER) EXPENDITURES	(2,941.58)	7,303.41	0.00	7,453.07			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SR1-Manlius Res Trash Dist

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SR1.4.1001 Real Property Taxes	2,462,760.00	2,493,813.36	2,485,081.00	2,489,130.00			
TOTAL REAL PROPERTY TAX	2,462,760.00	2,493,813.36	2,485,081.00	2,489,130.00			
USE OF MONEY & PROPERTY							
SR1.4.2401 Interest & Earnings	765.47	20,013.90	0.00	33,369.31			
TOTAL USE OF MONEY & PROPERTY	765.47	20,013.90	0.00	33,369.31			
SUBSIDIARY REVENUE							
TOTAL REVENUES	2,463,525.47	2,513,827.26	2,485,081.00	2,522,499.31			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SR1-Manlius Res Trash Dist

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Landfill Closure/Refuse							
SR1.5.8160.100 Refuse - Personal Service	0.00	8,907.84	12,500.00	0.00			
Sharon Lake 1 12,500.00						12,500	
SR1.5.8160.400 Refuse - Contractual	2,446,280.64	2,466,978.00	2,468,613.00	2,300,120.24			
TOTAL Landfill Closure/Refuse	2,446,280.64	2,475,885.84	2,481,113.00	2,300,120.24			
Employee Benefits							
SR1.5.9030.800 FICA	0.00	0.00	956.00	0.00			
FICA 1 956.00						956	
SR1.5.9060.800 Hospital & Medical Insura	2,230.44	2,230.44	3,012.00	2,760.89			
Hospital & Medical Insu 1 3,012.00						3,012	
TOTAL Employee Benefits	2,230.44	2,230.44	3,968.00	2,760.89			
TOTAL EXPENDITURES	2,448,511.08	2,478,116.28	2,485,081.00	2,302,881.13			
REVENUES OVER/(UNDER) EXPENDITURES	15,014.39	35,710.98	0.00	219,618.18			

SR2-Manlius Res Brush Dist

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SR2.4.1001 Real Property Taxes	316,152.80	318,408.10	318,788.50	319,640.00			
TOTAL REAL PROPERTY TAX	316,152.80	318,408.10	318,788.50	319,640.00			
USE OF MONEY & PROPERTY							
SR2.4.2401 Interest & Earnings	51.07	2,591.64	0.00	4,665.57			
TOTAL USE OF MONEY & PROPERTY	51.07	2,591.64	0.00	4,665.57			
SUBSIDIARY REVENUE							
TOTAL REVENUES	316,203.87	320,999.74	318,788.50	324,305.57			

SR2-Manlius Res Brush Dist

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Landfill Closure/Refuse							
SR2.5.8160.100 Refuse - Personal Service	0.00	8,907.84	12,500.00	0.00			
Sharon Lake 1 12,500.00						12,500	
SR2.5.8160.400 Refuse - Contractual	301,815.96	302,250.00	302,320.50	276,551.00			
TOTAL Landfill Closure/Refuse	301,815.96	311,157.84	314,820.50	276,551.00			
Employee Benefits							
SR2.5.9030.800 FICA	0.00	0.00	956.00	0.00			
FICA 1 956.00						956	
SR2.5.9060.800 Hospital & Medical Insura	2,230.44	2,230.44	3,012.00	2,760.89			
Hospital & Medical Insu 1 3,012.00						3,012	
TOTAL Employee Benefits	2,230.44	2,230.44	3,968.00	2,760.89			
TOTAL EXPENDITURES	304,046.40	313,388.28	318,788.50	279,311.89			
REVENUES OVER/(UNDER) EXPENDITURES	12,157.47	7,611.46	0.00	44,993.68			

SS1-Manlius Con Sewer Dist

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
Onondaga County Aid							
USE OF MONEY & PROPERTY							
SS1.4.2401 Interest & Earnings	540.21	2,409.56	0.00	888.25			
TOTAL USE OF MONEY & PROPERTY	540.21	2,409.56	0.00	888.25			
SUBSIDIARY REVENUE							
TOTAL REVENUES	540.21	2,409.56	0.00	888.25			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SS1-Manlius Con Sewer Dist

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Sewer Administration							
Sanitary Sewer							
SS1.5.8120.400 Sanitary Sewers - O&M	22.26	0.00	0.00	0.00			
TOTAL Sanitary Sewer	22.26	0.00	0.00	0.00			
Sewage Treatment/Dispos.							
SS1.5.8130.400 Sewage Trtmt & Disp - Cou	75,105.05	0.00	0.00	0.00			
TOTAL Sewage Treatment/Dispos.	75,105.05	0.00	0.00	0.00			
TOTAL EXPENDITURES	75,127.31	0.00	0.00	0.00			
REVENUES OVER/(UNDER) EXPENDITURES	(74,587.10)	2,409.56	0.00	888.25			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SS2-Thompson Sewer District

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SS2.4.1001 Real Property Taxes	19,229.99	18,459.90	22,563.00	22,563.32			
TOTAL REAL PROPERTY TAX	19,229.99	18,459.90	22,563.00	22,563.32			
HOME &COMMUNITY SERVICES							
USE OF MONEY & PROPERTY							
SS2.4.2401 Interest & Earnings	11.42	172.67	0.00	267.30			
TOTAL USE OF MONEY & PROPERTY	11.42	172.67	0.00	267.30			
SUBSIDIARY REVENUE							
TOTAL REVENUES	19,241.41	18,632.57	22,563.00	22,830.62			

SS2-Thompson Sewer District

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Serial Bonds							
SS2.5.9710.600 Serial Bonds - Principal	15,000.00	15,000.00	20,000.00	20,000.00			
Principal 1 20,000.00						20,000	
SS2.5.9710.700 Serial Bonds - Interest	4,228.14	3,459.38	2,563.00	2,562.50			
Interest-March 15th 1 1,538.00						1,538	
Interest-Sep 15th 1 1,025.00						1,025	
TOTAL Serial Bonds	19,228.14	18,459.38	22,563.00	22,562.50			
TOTAL EXPENDITURES	19,228.14	18,459.38	22,563.00	22,562.50			
REVENUES OVER/(UNDER) EXPENDITURES	13.27	173.19	0.00	268.12			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SS3-Megnin Farms Sewer

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SS3.4.1001 Real Property Taxes	70,560.88	71,995.74	76,452.73	76,452.73			
TOTAL REAL PROPERTY TAX	70,560.88	71,995.74	76,452.73	76,452.73			
USE OF MONEY & PROPERTY							
SS3.4.2401 Interest & Earnings	2.47	13.65	0.00	9.42			
TOTAL USE OF MONEY & PROPERTY	2.47	13.65	0.00	9.42			
TOTAL REVENUES	70,563.35	72,009.39	76,452.73	76,462.15			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SS3-Megnin Farms Sewer

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Sewer Administration							
SS3.5.8110.400 Sewer Administration	70,560.88	71,995.74	76,452.73	76,452.73			
TOTAL Sewer Administration	70,560.88	71,995.74	76,452.73	76,452.73			
TOTAL EXPENDITURES	70,560.88	71,995.74	76,452.73	76,452.73			
REVENUES OVER/(UNDER) EXPENDITURES	2.47	13.65	0.00	9.42			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW1-Manlius Con Water Supply

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SW1.4.1001 Real Property Taxes	999.79	1,029.67	1,000.00	1,027.23			
TOTAL REAL PROPERTY TAX	999.79	1,029.67	1,000.00	1,027.23			
USE OF MONEY & PROPERTY							
SW1.4.2401 Interest & Earnings	37.91	840.60	0.00	1,147.63			
TOTAL USE OF MONEY & PROPERTY	37.91	840.60	0.00	1,147.63			
MISCELLANEOUS							
SUBSIDIARY REVENUE							
TOTAL REVENUES	1,037.70	1,870.27	1,000.00	2,174.86			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW1-Manlius Con Water Supply

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
SW1.5.8310.400 Water Admin - Contractual	0.00	0.00	1,000.00	0.00			
TOTAL Water Administration	0.00	0.00	1,000.00	0.00			
Transmission/Distributio							
TOTAL EXPENDITURES	0.00	0.00	1,000.00	0.00			
REVENUES OVER/(UNDER) EXPENDITURES	1,037.70	1,870.27	0.00	2,174.86			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW2-Manlius Con Water Dist

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SW2.4.1001 Real Property Taxes	61,021.54	60,991.22	61,000.00	61,018.96			
TOTAL REAL PROPERTY TAX	61,021.54	60,991.22	61,000.00	61,018.96			
Onondaga County Aid							
USE OF MONEY & PROPERTY							
SW2.4.2401 Interest & Earnings	30.61	681.72	0.00	1,118.77			
TOTAL USE OF MONEY & PROPERTY	30.61	681.72	0.00	1,118.77			
MISCELLANEOUS							
SUBSIDIARY REVENUE							
TOTAL REVENUES	61,052.15	61,672.94	61,000.00	62,137.73			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW2-Manlius Con Water Dist

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Transmission/Distributio							
SW2.5.8340.400 Trans/Dist - Contractual	59,320.91	58,263.63	61,000.00	61,401.93			
TOTAL Transmission/Distributio	59,320.91	58,263.63	61,000.00	61,401.93			
TOTAL EXPENDITURES	59,320.91	58,263.63	61,000.00	61,401.93			
REVENUES OVER/(UNDER) EXPENDITURES	1,731.24	3,409.31	0.00	735.80			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW3-Skyridge Water District

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SW3.4.1001 Real Property Taxes	20,300.00	11,173.12	15,225.00	15,225.00			
Real Property Tax 1	15,225.00					15,225	
TOTAL REAL PROPERTY TAX	20,300.00	11,173.12	15,225.00	15,225.00			
USE OF MONEY & PROPERTY							
SW3.4.2401 Interest & Earnings	130.39	1,428.00	0.00	1,384.05			
TOTAL USE OF MONEY & PROPERTY	130.39	1,428.00	0.00	1,384.05			
MISCELLANEOUS							
SUBSIDIARY REVENUE							
TOTAL REVENUES	20,430.39	12,601.12	15,225.00	16,609.05			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW3-Skyridge Water District

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
SW3.5.8310.400 Water Admin - Contractual	13,378.00	20,503.65	15,225.00	17,680.80			
Skyridge Water District 1 15,225.00						15,225	
TOTAL Water Administration	13,378.00	20,503.65	15,225.00	17,680.80			
Transmission/Distributio							
TOTAL EXPENDITURES	13,378.00	20,503.65	15,225.00	17,680.80			
REVENUES OVER/(UNDER) EXPENDITURES	7,052.39	(7,902.53)	0.00	(1,071.75)			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW4-Highbridge Water District

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
SW4.4.1001 Real Property Taxes	3,095.76	3,095.76	2,983.50	2,983.50			
TOTAL REAL PROPERTY TAX	3,095.76	3,095.76	2,983.50	2,983.50			
USE OF MONEY & PROPERTY							
SW4.4.2401 Interest & Earnings	0.00	320.80	0.00	582.96			
TOTAL USE OF MONEY & PROPERTY	0.00	320.80	0.00	582.96			
TOTAL REVENUES	3,095.76	3,416.56	2,983.50	3,566.46			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

SW4-Highbridge Water District

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Transmission/Distributio							
SW4.5.8340.400 Trans/Dist - Contractual	0.00	0.00	2,983.50	0.00			
TOTAL Transmission/Distributio	0.00	0.00	2,983.50	0.00			
TOTAL EXPENDITURES	0.00	0.00	2,983.50	0.00			
REVENUES OVER/(UNDER) EXPENDITURES	3,095.76	3,416.56	0.00	3,566.46			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

TA1-Trust & Agency - Payroll

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
TA1.4.2401 Interest Earnings	233.82	5,079.65	0.00	11,382.40			
TOTAL USE OF MONEY & PROPERTY	233.82	5,079.65	0.00	11,382.40			
SUBSIDIARY REVENUE							
TOTAL REVENUES	233.82	5,079.65	0.00	11,382.40			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

TA1-Trust & Agency - Payroll

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REVENUES OVER/(UNDER) EXPENDITURES	233.82	5,079.65	0.00	11,382.40			

TA2-Trust & Agency - Other

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
USE OF MONEY & PROPERTY							
TA2.4.2401 Earned Interest	635.50	13,336.51	0.00	17,701.99			
TOTAL USE OF MONEY & PROPERTY	635.50	13,336.51	0.00	17,701.99			
SUBSIDIARY REVENUE							
TOTAL REVENUES	635.50	13,336.51	0.00	17,701.99			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

TA2-Trust & Agency - Other

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REVENUES OVER/(UNDER) EXPENDITURES	635.50	13,336.51	0.00	17,701.99			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W -Long Term Debt

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W -Long Term Debt

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
	==========	==========	==========	==========	==========	==========	==========

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W10-Eagle Village Water Dist

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							
MISCELLANEOUS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W10-Eagle Village Water Dist

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W20-Jas N Manlius Water Spply

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							
MISCELLANEOUS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W20-Jas N Manlius Water Spply

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W30-Minoa Road Water Supply

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							
MISCELLANEOUS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W30-Minoa Road Water Supply

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W40-Minoa Road Water Extensn

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							
MISCELLANEOUS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W40-Minoa Road Water Extensn

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W50-Buttonvale Water Disrtict

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							
MISCELLANEOUS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W50-Buttonvale Water Disrtict

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W60-Milnerfield Water Dist

			(---------- 2024	----------	----------)	(---------- 2025	----------)
REVENUES	2022 ACTUAL	2023 ACTUAL	CURRENT BUDGET	YEAR-TO-DATE ACTUAL	PROJECTED YEAR END	PROPOSED BUDGET	APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							
MISCELLANEOUS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W60-Milnerfield Water Dist

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W70-Mycenae Water Disrtict

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
USE OF MONEY & PROPERTY							
MISCELLANEOUS							
SUBSIDIARY REVENUE							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W70-Mycenae Water Disrtict

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Water Administration							
Transmission/Distributio							

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W80-Schepp Water District

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
W80.4.1001 Real Property Taxes	83.97	83.97	81.00	81.00			
TOTAL REAL PROPERTY TAX	83.97	83.97	81.00	81.00			
USE OF MONEY & PROPERTY							
W80.4.2401 Interest & Earnings	3.90	13.31	0.00	0.00			
TOTAL USE OF MONEY & PROPERTY	3.90	13.31	0.00	0.00			
SUBSIDIARY REVENUE							
TOTAL REVENUES	87.87	97.28	81.00	81.00			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W80-Schepp Water District

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Transmission/Distributio							
W80.5.8340.400 Trans/Dist - Contractual	432.60	445.58	81.00	478.09			
TOTAL Transmission/Distributio	432.60	445.58	81.00	478.09			
TOTAL EXPENDITURES	432.60	445.58	81.00	478.09			
REVENUES OVER/(UNDER) EXPENDITURES	(344.73)	(348.30)	0.00	(397.09)			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W90-Watervale Water District

REVENUES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
REAL PROPERTY TAX							
W90.4.1001 Real Property Taxes	65.04	74.97	80.00	79.97			
TOTAL REAL PROPERTY TAX	65.04	74.97	80.00	79.97			
USE OF MONEY & PROPERTY							
W90.4.2401 Interest & Earnings	13.55	130.80	0.00	155.76			
TOTAL USE OF MONEY & PROPERTY	13.55	130.80	0.00	155.76			
INTERFUND TRANSFERS							
SUBSIDIARY REVENUE							
TOTAL REVENUES	78.59	205.77	80.00	235.73			

REQUESTED BUDGET WORKSHEET
AS OF: NOVEMBER 30TH, 2024

W90-Watervale Water District

EXPENDITURES	2022 ACTUAL	2023 ACTUAL	2024 CURRENT BUDGET	2024 YEAR-TO-DATE ACTUAL	2024 PROJECTED YEAR END	2025 PROPOSED BUDGET	2025 APPROVED BUDGET
Transmission/Distributio							
W90.5.8340.400 Trans/Dist - Contractual	74.50	76.74	80.00	82.33			
TOTAL Transmission/Distributio	74.50	76.74	80.00	82.33			
Bond Anticipation Notes							
TOTAL EXPENDITURES	74.50	76.74	80.00	82.33			
REVENUES OVER/(UNDER) EXPENDITURES	4.09	129.03	0.00	153.40			

POOLED CASH REPORT (FUND 999)

AS OF: NOVEMBER 30TH, 2024

FUND	ACCOUNT#	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	(PROTECTED)
CLAIM ON CASH						
A00	-1.200	Claim on Pooled Cash and CD's	4,357,440.31	(1,585,959.59)	2,771,480.72	
B00	-1.200	Claim on Pooled Cash and CD's	392,802.93	(18,591.90)	374,211.03	
CM1	-1.200	Claim on Pooled Cash and CD's	(6,275.23)	0.00	(6,275.23)	
CM3	-1.200	Claim on Pooled Cash	251.17	0.49	251.66	
DA0	-1.200	Claim on Pooled Cash and CD's	3,298,747.48	(129,011.78)	3,169,735.70	
DB0	-1.200	Claim on Pooled Cash and CD's	1,226,230.93	(38,303.09)	1,187,927.84	
HD0	-1.200	Claim on Pooled Cash and CD's	4.01	0.01	4.02	
SD1	-1.200	Claim on Pooled Cash and CD's	(36,065.03)	0.00	(36,065.03)	
SD2	-1.200	Claim on Pooled Cash and CD's	447,645.03	881.84	448,526.87	
SD3	-1.200	Claim on Pooled Cash and CD's	542,161.50	1,068.03	543,229.53	
SF1	-1.200	Claim on Pooled Cash and CD's	3,066.54	6.04	3,072.58	
SF2	-1.200	Claim on Pooled Cash and CD's	9,181.77	18.09	9,199.86	
SF3	-1.200	Claim on Pooled Cash and CD's	1,928.90	3.80	1,932.70	
SF4	-1.200	Claim on Pooled Cash and CD's	20.72	0.04	20.76	
SL1	-1.200	Claim on Pooled Cash and CD's	18,262.75	35.98	18,298.73	
SL2	-1.200	Claim on Pooled Cash and CD's	21,769.80	42.89	21,812.69	
SL3	-1.200	Claim on Pooled Cash and CD's	5,725.28	11.28	5,736.56	
SL4	-1.200	Claim on Pooled Cash and CD's	4,303.53	8.48	4,312.01	
SL5	-1.200	Claim on Pooled Cash and CD's	39,638.16	78.08	39,716.24	
SR1	-1.200	Claim on Pooled Cash and CD's	533,364.39	(208,534.19)	324,830.20	
SR2	-1.200	Claim on Pooled Cash and CD's	88,865.76	(25,201.32)	63,664.44	
SS1	-1.200	Claim on Pooled Cash and CD's	28,437.38	56.02	28,493.40	
SS2	-1.200	Claim on Pooled Cash and CD's	6,037.75	11.89	6,049.64	
SS3	-1.200	Claim on Pooled Cash and CD's	301.84	0.59	302.43	
SW1	-1.200	Claim on Pooled Cash and CD's	36,942.90	72.78	37,015.68	
SW2	-1.200	Claim on Pooled Cash and CD's	14,564.91	28.69	14,593.60	
SW3	-1.200	Claim on Pooled Cash and CD's	41,886.98	(7,397.19)	34,489.79	
SW4	-1.200	Claim on Pooled Cash	19,247.69	37.92	19,285.61	
TA1	-1.200	Claim on Pooled Cash and CD's	378,061.11	18,158.57	396,219.68	
TA2	-1.200	Claim on Pooled Cash and CD's	99,585.70	196.18	99,781.88	
W80	-1.200	Claim on Pooled Cash and CD's	(755.92)	0.00	(755.92)	
W90	-1.200	Claim on Pooled Cash and CD's	4,957.63	9.77	4,967.40	
TOTAL CLAIM ON CASH			11,578,338.67	(1,992,271.60)	9,586,067.07	
CASH IN BANK - POOLED CASH						
999	-1.100	Pooled Cash - Investing	9,230,019.33	(2,013,095.73)	7,216,923.60	
999	-1.101	Pooled Cash - Checking	2,595.54	1,117.13	3,712.67	
999	-1.102	Pooled Cash - Payroll	232,465.05	12,490.91	244,955.96	
999	-1.202	M&T Bank US Treasury Bill	2,113,258.75	7,216.09	2,120,474.84	
SUBTOTAL CASH IN BANK - POOLED CASH			11,578,338.67	(1,992,271.60)	9,586,067.07	
TOTAL CASH IN BANK - POOLED CASH			11,578,338.67	(1,992,271.60)	9,586,067.07	

POOLED CASH REPORT (FUND 999)

AS OF: NOVEMBER 30TH, 2024

FUND	ACCOUNT#	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	(PROTECTED)
DUE TO OTHER FUNDS - POOLED CASH						
999	-2.630	Due To Other Funds	11,578,338.67	(1,992,271.60)	9,586,067.07	
TOTAL DUE TO OTHER FUNDS			11,578,338.67	(1,992,271.60)	9,586,067.07	

POOLED CASH REPORT (FUND 999)

AS OF: NOVEMBER 30TH, 2024

FUND ACCOUNT# ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	(PROTECTED)
DUE TO POOLED CASH				
A00-2.600Pooled Accounts Payable	45,472.88	(12,797.61)	32,675.27	
B00-2.600Pooled Accounts Payable	100.00	83.01	183.01	
DA0-2.600Pooled Accounts Payable	3,618.42	7,917.99	11,536.41	
DB0-2.600Pooled Accounts Payable	1,010.24	2,121.21	3,131.45	
TA1-2.600Pooled Accounts Payable	624.16	0.00	624.16	
TOTAL DUE TO POOLED CASH	50,825.70	(2,675.40)	48,150.30	
DUE FROM OTHER FUNDS				
999-1.390Due From Other Funds	50,825.70	(2,675.40)	48,150.30	
TOTAL DUE FROM OTHER FUNDS	50,825.70	(2,675.40)	48,150.30	
ACCOUNTS PAYABLE - POOLED CASH				
999-2.600Accounts Payable	50,825.70	(2,675.40)	48,150.30	
TOTAL ACCOUNTS PAYABLE POOLED CASH	50,825.70	(2,675.40)	48,150.30	

*** PROOF CASH BALANCES ***

(A)		(B)		(C)	
CLAIM ON CASH	9,586,067.07	CLAIM ON CASH	9,586,067.07	CASH IN BANK	9,586,067.07
CASH IN BANK	9,586,067.07	DUE TO OTHER FUNDS	9,586,067.07	DUE TO OTHER FUNDS	9,586,067.07
DIFFERENCE	0.00		0.00		0.00

*** PROOF ACCOUNTS PAYABLE BALANCES ***

(D)		(E)		(F)	
AP CONTROL	48,150.30	AP CONTROL	48,150.30	DUE FROM OTHER FUNDS	48,150.30
DUE FROM OTHER FUNDS	48,150.30	DUE TO POOLED CASH	48,150.30	DUE TO POOLED CASH	48,150.30
DIFFERENCE	0.00		0.00		0.00

*** END OF REPORT ***

MINUTES
TOWN BOARD
December 4, 2024

The Town of Manlius Town Board held a hybrid meeting with in-person attendees and virtual attendees. The meeting was live streamed on the Town Facebook page and the Town YouTube Channel. The recording of the meeting can be viewed here; https://www.youtube.com/live/8gq-vniD8Ro?si=whCjDLYJGScIZOzc
Supervisor Deer presided, and the following Board members were present:

	Sara Bollinger, Councilor
	Ingrid Gonzalez-McCurdy, Councilor
Virtual	Alissa Italiano, Councilor
	Mike Nesci, Councilor
	William Nicholson, Councilor
Virtual	Katelyn M. Kriesel, Councilor

The following Town Officers were present: Carrie Grevelding, Town Clerk. Ann Oot, Town Manager. Kay Blythe, Assistant Town Manager. Joseph Frateschi, Town Attorney. Jason Cassalia, Chief of Police. Maria Lenway, Comptroller.

1. Attendees

In-Person Meeting Attendees Craig Dudczak, Fayetteville. Bill Lane, Kirkville. Jane Mulvey, Fayetteville. Herman Whalen Jr., Kirkville. Matthew Denton, Manlius. Laurie Leonard, Kirkville. Paulette Lane, Kirkville. Jim Racquet, East Syracuse.

Virtual Meeting Attendees: Anne Messenger

2. 6:30 PM - The Pledge of Allegiance

Supervisor Deer called the meeting to order at 6:30 PM. Councilor Nesci led the Pledge of Allegiance. Supervisor Deer welcomed everyone and thanked all for attending.

3. 6:30 PM – Open Podium

Matthew Denton of Manlius spoke regarding the Building Assessment, thanking the board for providing the reports and urging the Board to reallocate money for updates.

Bill Lane of Kirkville spoke regarding the tax increase and fire budgets. Inquired about shared services for the highway department with the County.

Laurie Leonard of Kirkville spoke regarding the tax increase and inquired about the Town using the Post Standard more for publications.

Paulette Lane of Kirkville spoke regarding the increase in assessment and taxes.

Craig Dudczak of Fayetteville spoke regarding the multiple taxing agencies.

Jim Racquet of East Syracuse inquired about tax exempt properties within the Town.

Herman Whalen Jr. of Kirkville inquired about the Solar farms and if they were receiving tax breaks.

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4. 7:08 PM – Building Assessment Report - Tabled

5. 7:08 PM – Intermunicipal Agreement – Shared Fire Marshal Services - Tabled

6. 7:09 PM – Onondaga County – Plow Contract
Councilor Bollinger made a motion, Seconded by Councilor Nicholson, to authorize the supervisor to sign the plowing contract with Onondaga County.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

7. 7:10 PM – Set Date – 2025 Organizational Meeting – January 2, 2025
Councilor Bollinger made a motion, Seconded by Councilor Nicholson, to set a date for the 2025 Organizational Meeting on January 2, 2025, at 6:30 PM.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

8. 7:10 PM – Set Date – First Town Board Meeting for 2025 – January 8, 2025
Councilor Bollinger made a motion, Seconded by Councilor Nicholson, to set a date for the first 2025 Town Board Meeting on January 8, 2025, at 6:30 PM.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

9. 7:11 PM – Budget Transfers – December 2024
Councilor Nicholson made a motion, Seconded by Councilor Bollinger, to approve the budget transfer in the amount of $10,000.00 from B00 5.3620.100 P & D Personal Services to B00 5.3620.410 P & D Engineer.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

Councilor Nicholson made a motion, Seconded by Councilor Bollinger, to approve the budget transfer in the amount of $15,000.00 from B00 5.3620.100 P & D Personal Services to B00 5.3620.405 P & D Information Technology.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

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Nayes: 0 All in Favor. Motion Carries.

Councilor Nicholson made a motion, Seconded by Councilor Bollinger, to approve the budget transfer in the amount of $300.00 from B00 5.8010.401 Zoning Office Supplies to B00 5.8010.450 Zoning Attorney.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

Councilor Nicholson made a motion, Seconded by Councilor Bollinger, to approve the budget transfer in the amount of $300.00 from B00 5.8020.401 Planning Office Supplies to B00 5.8020.402 Planning Seminars/Conferences.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

Councilor Nicholson made a motion, Seconded by Councilor Bollinger, to approve the budget transfer in the amount of $5,000.00 from A00 5.7310.100 Recreation Personal Services to A00 5.7310.410 Recreation Program Expenses.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

10. 7:14 PM – Approval of Minutes – November 20, 2024

Councilor Italiano made a motion, Seconded by Councilor Nicholson, to approve the minutes for November 20, 2024, as presented by Town Clerk Grevelding.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

11. 7:37 PM – Approval of Abstract #23

Councilor Bollinger made a motion, Seconded by Councilor Nicholson, to approve abstract #23 in the amount of $639,393.29.

TOWN OF MANLIUS
Fund Summary
Abstract #23 - 2024

CODE	FUND	TOTALS
A	General Fund Townwide	$563,721.26
B	General Fund Part Town	$5,485.32
DA	Highway Fund Townwide	$49,578.84

DB	Highway Fund Part Town	$3,754.21
SL1	Overhead Lighting District	$3,714.01
SL2	Underground Lighting	$5,231.41
SL3	Entry Lighting	$263.14
SL4	Garden Park Lighting	$1,520.51
SL5	Ratnour Bridge Lighting	$5,622.61
SR1	Trash	$250.99
SR2	Brush	$250.99
	Total	$639,393.29

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor Motion Carries.

18. Other Business

Councilor Nicholson reminded everyone that the Manlius Watershed Stewards will be meeting on December 17, 2024, at 6:30 PM at the Seneca Street Brew Pub.

Councilor Nicholson advised that the Deer Management survey will stay open until December 15, 2024.

There being no further business to come before the Board, upon motion duly made by Councilor Nesci and seconded by Councilor Gonzalez-McCurdy the Board voted unanimously to adjourn regular session at 7:15 PM.

Ayes: Supervisor Deer, Councilor Bollinger, Councilor Italiano, Councilor Kriesel, Councilor Nicholson, Councilor Nesci, Councilor Gonzalez-McCurdy

Nayes: 0 All in Favor. Motion Carries.

Respectfully Submitted by:

Carrie A. Grevelding
Town Clerk

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** DEPARTMENT TOTALS **

ACCT	NAME	AMOUNT
A00-1620	Buildings	420.11
A00-3120	Police	362.88
A00-5010	Transportation	250.00
A00-5132	Garage	129.99
A00-7310	Recreation	9,420.88
A00 TOTAL	General Fund Townwide	10,583.86
B00-8020	Planning	125.59
B00 TOTAL	General Fund Part Town	125.59
DA0-5130	Machinery	1,214.27
DA0-5142	Snow Removal	2,613.64
DA0 TOTAL	Highway Fund Townwide	3,827.91
	** TOTAL **	14,537.36

** DEPARTMENT TOTALS **

ACCT	NAME	AMOUNT
A00-1220	Supervisor	6,546.26
A00-1420	Attorney	6,285.00
A00-1440	Engineer	16,784.13
A00-1620	Buildings	11,081.29
A00-1640	Central Garage	4,251.84
A00-1910	Special Items	76.00
A00-5132	Garage	61,640.75
A00-9061	Employee Benefits	2,150.00
A00 TOTAL	General Fund Townwide	108,815.27
B00-3620	Codes Enforcement	562.00
B00-8010	Zoning	425.00
B00-8020	Planning	2,889.64
B00 TOTAL	General Fund Part Town	3,876.64
SR1-8160	Refuse	209,101.84
SR1 TOTAL	Manlius Res Trash Dist	209,101.84
SR2-8160	Refuse	25,141.00
SR2 TOTAL	Manlius Res Brush Dist	25,141.00
TA2	NON-DEPARTMENTAL	1,074.00
TA2 TOTAL	Trust & Agency - Other	1,074.00
	** TOTAL **	348,008.75

** DEPARTMENT TOTALS **

ACCT	NAME	AMOUNT
A00-1620	Buildings	13,631.04
A00 TOTAL	General Fund Townwide	13,631.04
	** TOTAL **	13,631.04

** DEPARTMENT TOTALS **

ACCT	NAME	AMOUNT
A00	NON-DEPARTMENTAL	9,914.98
A00-1110	Justices	72.97
A00-1330	Receiver of Taxes	28.45
A00-1355	Assessors	45.00
A00-1410	Town Clerk	102.10
A00-1670	Central Printing	94.30
A00-3120	Police	18,321.43
A00-5132	Garage	33,917.50
A00-6310	Tree Commission	1,240.00
A00 TOTAL	General Fund Townwide	63,736.73
B00	NON-DEPARTMENTAL	52.50
B00 TOTAL	General Fund Part Town	52.50
DA0-5130	Machinery	16,318.09
DA0-5140	Brush & Weeds	2,208.00
DA0-5142	Snow Removal	89,522.56
DA0 TOTAL	Highway Fund Townwide	108,048.65
DB0-5110	General Repairs	42.00
DB0 TOTAL	Highway -Part Town	42.00
	** TOTAL **	171,879.88