

SEWER DISTRICT EXTENSION REPORT

Sewer Extension through the Hamlet of Stow for the West Side of Chautauqua Lake

**South & Center Chautauqua Lake Sewer Districts
Chautauqua County, New York**

September 2017



SEPTEMBER 3, 2017 | 2751.63461

Sewer Extension through the Hamlet of Stow for the West Side of Chautauqua Lake

Prepared for:

South and Center Chautauqua Lake Sewer Districts
Chautauqua County, New York



ROBERT C. GANLEY, PE | VICE PRESIDENT
O'Brien & Gere Engineers, Inc.



TABLE OF CONTENTS

1. Purpose	1
2. Scope	1
3. Areas to be Served	2
4. Boundary Description.....	2
5. Facilities Description.....	3
6. Estimated Facilities Costs.....	4
6.1. Estimated Capital Costs.....	4
6.2. Estimated Conveyance and Treatment Operation and Maintenance (O&M) Costs	4
7. Proposed Project Schedule	4
8. Financing Plan.....	4



FIGURES

- Figure 1 Sewer District Extension
- Figure 2 Proposed Sewage Facilities (Phase 1)
- Figure 3 Proposed Sewage Facilities (Phase 2)
- Figure 4 Proposed Sewage Facilities (Phase 2)

APPENDIX

- Appendix A Listing of Tax Parcels
- Appendix B Estimated Project Costs
- Appendix C Unit Assessment Table



1. PURPOSE

The purpose of this report is to provide the necessary data required for the extension of a County sewer district (the District) in Chautauqua County, New York pursuant to Article 5A of the New York County Law. This District is being extended to finance the design and construction of wastewater collection and conveyance facilities in response to a Total Maximum Daily Loading (TMDL) for phosphorus issued for Chautauqua Lake in 2012. This extended District will continue to be known as the South Chautauqua Lake Sewer District. The extended District is consistent with the main recommendation of the Integrated Sewage Management Plan for Chautauqua Lake, completed in October 2014.

Wastewater generated within the District will be conveyed to the South and Center Chautauqua Lake Sewer District's (SCCLSD) Publicly Owned Treatment Works (POTW), located in the Village of Celoron, New York. The POTW facility currently accepts wastewater flows from communities along the eastern shore and around the southern end of Chautauqua Lake, including portions of the Towns of Busti, Ellicott and Ellery. The POTW facility is currently owned by Chautauqua County and operated by the SCCLSD staff.

The boundaries for the proposed Sewer District extension are illustrated on Figure 1. The District will comprise the current service area with the addition of all properties along the western shore of Chautauqua Lake, as far north as the Hamlet of Stow. The facilities constructed within this extended District will be owned by the County and operated by the SCCLSD. The SCCLSD Board of Directors will continue to act as the administrative body of the District and the extended District.

Currently, wastewater generated within the proposed District extension is being treated by individual on-site disposal systems (i.e. septic systems), except for properties within the existing Town of North Harmony Sewer District that will also be incorporated into the proposed District extension. Many of the systems ultimately discharge to Chautauqua Lake, either directly or via a stream or creek feeding the Lake. Septic system failures due to age, inadequate lot size, low elevation with ground water near surface, etc., have been documented and may be contributing negatively to the water quality within the Lake.

Chautauqua Lake is designated as an impaired water body and a TMDL phosphorus allocation for the Lake was completed in 2012 with one of its major recommendations being "Municipal sewer system expansion should be investigated for high priority areas such as existing lakefront development not currently served such as those located between the beltway and the Lake, systems proximal to tributaries and non-lakefront areas where large numbers of failing on site systems are documented". Cyanobacteria blooms have become common occurrences that threaten the viability of the Lake for its multiple uses. Two major sections of the Lake perimeter are not served by a municipal sewer and within these areas are located approximately 1,200 individual septic systems, many of which do not meet current standards and are nearing the end of their useful life.

The extension of the District and the subsequent construction of wastewater collection and conveyance facilities will provide:

- Environmentally sound alternative to the reliance on septic systems by the residents along the western shore of Chautauqua Lake.
- Long-term protection of area water resources, in particular, Chautauqua Lake, ground water, and local streams and creeks.

Widespread support for the project was also noted during public information sessions conducted each summer.

2. SCOPE

The scope of this report includes the following:

- Areas to be served
- Boundary description

- Facilities description
- Estimated facilities cost
- Proposed project schedule
- Financing plan

3. AREAS TO BE SERVED

The boundaries of the SCCLSD were established based on existing tax map information provided by Chautauqua County. The areas to be served by the extended District include all tax parcels that are located within the District boundary, as illustrated in Figure 1. A complete listing of tax parcels, including property address, can be found in Appendix A which includes properties within the existing Town of North Harmony Sewer District.

Due to the large scale of the proposed facilities, construction has been divided into the following two phases:

- **Phase 1** – Sunrise Cove Pumping Station upgrade: Rt. 394 from Sunrise Cove Pumping Station to Sherman’s Bay Pumping Station.
- **Phase 2** – Sewer Extension 1: Rt. 394 from Sunrise Cove Pumping Station to Hamlet of Stow, various State and Town roads East of Rt. 394 serving parcels between Rt. 394 and Chautauqua Lake.
- Future sewer extension is proposed from the Hamlet of Stow, heading north to the NYS Fish Hatchery, but is not included in this phase of sewer extension.

4. BOUNDARY DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND situate in the Town of North Harmony, County of Chautauqua, State of New York, shown on Figure 1 entitled, "Map Showing the Boundaries of Proposed South Chautauqua Lake Sewer District Extension"; bounded and described as follows:

BEGINNING at a point on the south shore of Chautauqua Lake at its intersection with the northerly line of the existing South Chautauqua Lake Sewer District as described in Emergency Resolution No. 105-69 of the Chautauqua County Board of Supervisors dated May 9, 1969 and approved by the same board under Resolution No. 127-69 dated June 13, 1969, said point also being on the division line between current SBL (Section Block and Lot) tax parcel number 367.14-1-4 (old# 26-1-10.2.2, being a portion of old# 26-1-10.2 as described in Emergency Resolution No. 105-69) on the south and current SBL tax parcel number 367.14-1-3.1 (old# 26-1-9.1 as described in Emergency Resolution No. 105-69) on the north; Thence

Southwesterly along the said division line and on the northerly line of the existing South Chautauqua Lake Sewer District as described in Emergency Resolution No. 105-69 to a point on the easterly right-of-way line of New York State Route 394, previously known as New York State Route 17-J; Thence

Continuing in the same southwesterly direction, across the right-of-way of New York State Route 394 and that portion of North Maple Avenue as may be the case to a point on the westerly right-of-way of New York State Route 394; Thence

Northerly along the west right-of-way of New York State Route 394 to a point at its intersection with northerly line of SBL tax parcel number 367.00-1-27 (old# 11-1-35.1 as described in Emergency Resolution No. 105-69); Thence

Southwesterly along the north line of SBL tax parcel number 367.00-1-27 and the northerly line of the existing South Chautauqua Lake Sewer District as described in Emergency Resolution No. 105-69 to a point intersecting the proposed westerly line of the South Chautauqua Lake Sewer District Extension, said westerly line being five hundred (500) feet westerly offset from and at all points parallel to the westerly right-of-way of New York State Route 394; Thence

Northerly continuing along the said five hundred (500) foot offset line crossing the rights-of-way of Bly Hill, Cheney & Ramsey Roads and that of the 1-86 Interstate Highway to a point in the center of the Stow Road right-of-way; Thence

Northeasterly along the center the Stow Road right-of-way 570 feet more or less to a point in the center of New York State Route 394 right-of-way; Thence

Northwesterly in the center of New York State Route 394 right-of-way on a curve to the left an approximate distance of 845 feet more or less to a point at its intersection with the southerly extension of the westerly most division line between SBL tax parcel number 332.00-2-15, being lands of The People of The State of New York (under the current jurisdiction of the New York State Department of Environmental Conservation) on the east and SBL tax parcel number 332.11-1-17.3.2 on the west; Thence

Northerly along the last mentioned extension, the westerly most division line itself and continuing on the westerly most division line of SBL tax parcel number 332.00-2-14 on the east and SBL tax parcel number 332.11-1-17.3.2 on the west to a point on the westerly shore of Chautauqua Lake; Thence

Southerly and easterly along the shore of Chautauqua Lake 22,900 feet more or less to the point and place of beginning.

5. FACILITIES DESCRIPTION

The proposed facilities include a combination of gravity sewers, pressure sewers, grinder pumping stations, and sewage pumping stations. Major components of the system include:

- 15,500 feet of gravity sewers
- 36,300 feet of pressure sewers
- 3 pumping stations
- 200 grinder pumping stations

An overall plan of the facilities and the proposed District extension are illustrated on Figures 2, 3 and 4. A brief description of each Phase of the project can be found below:

- Phase 1 – The existing Sunrise Cove Pumping Station was originally built in 1998 to serve the Sunrise Cove housing development with a wet well/dry well configuration. The existing pumping station discharges via a 4-inch diameter polyvinyl chloride (PVC) force main to the Goose Creek Pumping Station. To accommodate flows associated with the proposed sewer extension, the County proposes to install a new pumping station adjacent to the existing pumping station and to connect to the proposed force main and convey flows to the Sherman's Bay Pumping Station.
- Phase 2 – Public sewers would be extended consisting of a grinder pump / pressure sewer collection system with gravity sewers and two new pumping stations in site specific locations from the existing South Sewer District through the Hamlet of Stow. Public sewer would be available to properties within 500ft of Rt. 394 (to the West) as well as properties located between Rt. 394 and Chautauqua Lake.

Preliminary layouts of each Phase of the project are included as Figures 2, 3 and 4.

It is assumed that construction of Phases 1 and 2 will occur over a three-year period, beginning in 2019. It is possible to execute Phase's 1 & 2 concurrently, depending on funding availability.

6. ESTIMATED FACILITIES COSTS

6.1. Estimated Capital Costs

Preliminary costs for the proposed facilities were developed by O'Brien & Gere Engineers, Inc.. These costs have been escalated by 1.5% per year to the proposed point of construction as outlined in the Project Schedule (Section 7). The estimated total project cost for the proposed facilities is summarized as follows:

Phase	Capital Costs
1	\$2,150,000
2	\$14,738,000
Total	\$16,888,000

These costs assume construction will occur as outlined in Section 7. If construction of each Phase begins at a later date, the above costs may need to be escalated. A detailed breakdown of the above project costs is presented in Appendix B.

6.2. Estimated Conveyance and Treatment Operation and Maintenance (O&M) Costs

The estimated first year O&M costs to maintain, operate and treat the wastewater flows at the SCCLSD WWTP for the proposed District facilities have been developed by O'Brien & Gere Engineers, Inc. and are summarized below:

Phase	Conveyance O&M Costs
1	\$0
2	\$158,700
Total	\$158,700

7. PROPOSED PROJECT SCHEDULE

The estimated project schedule is as follows:

Task	Start Date	Completion Date
District Formation	Summer 2017	Fall 2017
State Comptroller Review	Fall 2017	Winter 2017
Project Surveys	Spring 2018	Summer 2018
Project Design	Spring 2018	Winter 2018
Regulatory Review	Winter 2018	Spring 2019
Bidding	Summer 2019	Summer 2019
Award	Summer 2019	Summer 2019
Construction – Phase 1	Fall 2019	Spring 2020
Construction – Phase 2	Fall 2019	Spring 2021

Phases 1 & 2 may be executed concurrently, but Phase 2 cannot be completed until Phase 1 is complete. In order to meet this schedule, the Design, Bidding and Award for each Phase must be completed before construction of each phase can proceed.

One of the critical paths to the schedule will be approval of funding for each Phase of the project. As illustrated in the more detailed schedule, approval of funding will need to occur approximately six months before the construction start date of each Phase, in order to meet the proposed schedule.

8. FINANCING PLAN

Capital costs for the project will be financed as follows:

Contributor	Amount (\$)
Grants	\$ 7,500,000
NYS EFC Financed	\$ 9,388,000 ⁽¹⁾
Total	\$16,888,000

1 - Financing at an interest rate of 0% for 30 years through the NYSEFC Clean Water SRF program.

The local costs for the proposed facilities will be assessed on an equivalent dwelling unit (EDU) basis solely to new users within the extension area. A Unit Assessment table has been included as Appendix C, which outlines how residential, commercial, vacant, etc. properties will be assessed. Based on available tax map information and water usage records where necessary, a total of 452.3 EDUs have been estimated for the new users within the Project area. A breakdown of EDUs by Phase is provided below:

Phase	EDU Count
1	0
2	452.3 (255 vacant)
Total	452.3 (255 vacant)

In order to meet Audit & Control requirements, a charge must be assessed to those EDUs located within the District that are not yet served by the facilities. In addition, funding agencies prefer that the capital cost of those facilities that are of “direct benefit” to the entire District be shared among all EDUs located within the District boundaries.

For this Project, the “shared facilities” have been defined as the pumping stations and force main required to convey wastewater from the District to the SCCLSD POTW. These facilities are considered the backbone of the system and all EDUs for new users located within the Project area will be directly benefited by their construction. The capital cost of these facilities has been estimated to be \$16,888,000, with the local share to be distributed among all 452.3 EDUs representing new users within the Project area. The estimated annual cost is \$1,000/EDU, consisting of \$646 per EDU per year for the capital cost, and \$354 per EDU per year for the cost of operating and maintaining the proposed improvements and existing applicable conveyance and treatment facilities; therefore, properties assessed at 1 EDU will pay \$1,000/year, properties assessed at greater than 1 EDU will pay some multiple of \$1,000 annually, and vacant properties will pay \$100/year. Properties within the extension area that are already served by the SCCLSD POTW via the existing Town of North Harmony District facilities shall not be allocated any portion of the cost of the construction of the extension facilities that will benefit the new users, and shall continue to pay the existing applicable SCCLSD charges they are currently assessed.

Hence, the proposed extension of the District shall have two zones of assessment: one (1) zone of assessment consisting of new users that shall pay \$1,000 per EDU or \$100 per year for vacant properties as described above, and one (1) zone of assessment consisting of current properties within the existing Town of North Harmony Sewer District that shall not be allocated any portion of the cost of the construction of the extension facilities and who shall continue to pay the existing applicable SCCLSD charges they are currently assessed.

The estimated unit costs for new users do not include the cost to connect to the system including permit fees to SCCLSD. Each new user is responsible to pay the costs to install a sewer line from their dwelling to the property line (for gravity connections) or to a grinder pumping station installed near the dwelling. Price will vary depending on type of service and subsurface conditions. A cost of \$2,500 for the exterior connection is a reasonable budget. Current connection permit fees are \$50. Reconfiguration of existing plumbing within the dwelling may also be required. There are grants property owners are eligible to apply for to offset the connection cost through the United States Department of Agriculture Rural Development.

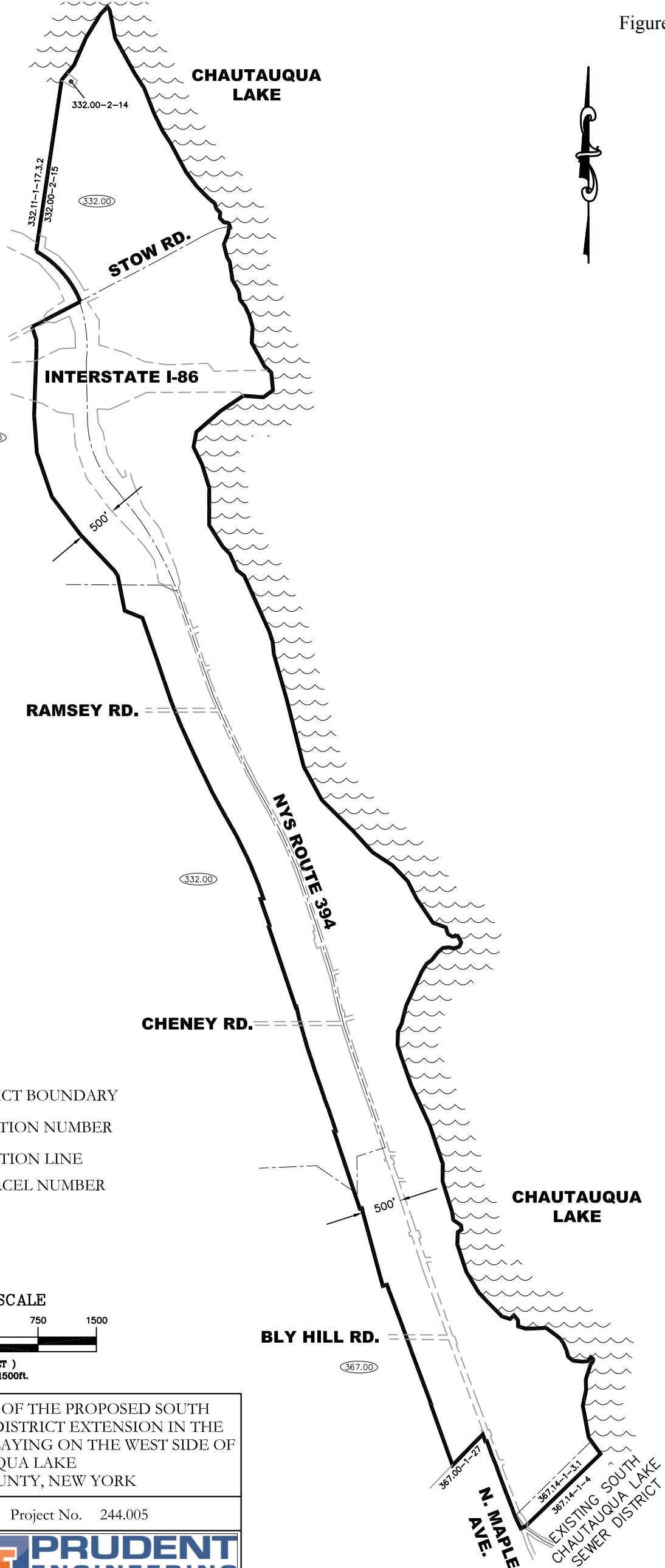





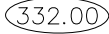

Figures



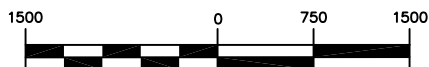
**TOWN OF
NORTH
HARMONY**



LEGEND

-  SEWER DISTRICT BOUNDARY
-  TAX MAP SECTION NUMBER
-  TAX MAP SECTION LINE
- 332.00-2-14 TAX MAP PARCEL NUMBER

GRAPHIC SCALE



(IN FEET)
1 inch = 1500ft.

MAP SHOWING BOUNDRIES OF THE PROPOSED SOUTH CHAUTAUQUA LAKE SEWER DISTRICT EXTENSION IN THE TOWN OF NORTH HARMONY LAYING ON THE WEST SIDE OF CHAUTAUQUA LAKE CHAUTAUQUA COUNTY, NEW YORK

PHONE: (585) 423-0324
FAX: (585) 546-2362
36 WEST MAIN ST. SUITE 789
ROCHESTER, N.Y. 14614
www.PrudentEng.com

Project No. 244.005



N. MAPLE AVE.
EXISTING SOUTH CHAUTAUQUA LAKE SEWER DISTRICT



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

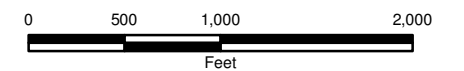


LEGEND

— Proposed Sunrise Cove Force Main

SOUTH & CENTER CHAUTAUQUA LAKE SEWER DISTRICTS

SEWER EXTENSION THROUGH THE HAMLET OF STOW FOR THE WEST SIDE CHAUTAUQUA LAKE PHASE 1



FILE NO. 2751.63461
JUNE 2017



O'BRIEN & GERE ENGINEERS, INC.

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

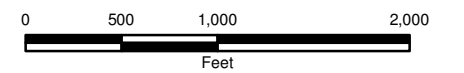


LEGEND

- - - Proposed Sewer District Boundary
- Proposed Sewer Extension
- - - Town of North Harmony Sewer District

SOUTH AND CENTER CHAUTAUQUA LAKE SEWER DISTRICTS

SEWER EXTENSION THROUGH THE HAMLET OF STOW FOR THE WEST SIDE OF CHAUTAUQUA LAKE PHASE 2



FILE NO. 2751.63461
SEPTEMBER 2017



O'BRIEN & GERE ENGINEERS, INC.

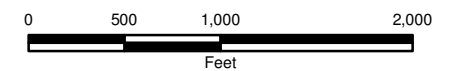


LEGEND

- - - Proposed Sewer District Boundary
- Proposed Sewer Extension

SOUTH & CENTER CHAUTAUQUA LAKE SEWER DISTRICTS

SEWER EXTENSION THROUGH THE HAMLET OF STOW FOR THE WEST SIDE CHAUTAUQUA LAKE PHASE 2



FILE NO. 2751.63461
AUGUST 2017



O'BRIEN & GERE ENGINEERS, INC.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Appendix A

Listing of Tax Parcels

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
11-1-30	065400	210	2805 Route 394	Residential	1	New User
11-1-32	065400	484	2777 Route 394	Candle Essence Shop	0.5	New User
7-1-38	065400	311	Stow Ferry Rear	Vacant	0	New User
7-1-10	065400	210	3243 Route 394	Residential	1	New User
11-1-10	065400	210	2923 Route 394	Residential	1	New User
7-1-12	065400	210	3191 Route 394	Residential	1	New User
7-1-13	065400	210	3177 Route 394	Residential	1	New User
11-1-13	065400	210	2887 Route 394	Residential	1	New User
11-1-14	065400	311	Route 394	Vacant	0	New User
7-1-15	065400	210	5265 Ramsey Rd	Residential	1	New User
11-1-15	065400	312	2865 Route 394	Vacant	0	New User
7-1-16	065400	210	3153 Route 394	Residential	1	New User
11-1-17	065400	210	2857 Route 394	Residential	1	New User
7-1-19	065400	210	3071 Route 394	Residential	1	New User
11-1-19	065400	320	2843 Route 394	Vacant	0	New User
11-1-19	065400	240	2843 Route 394	Residential	1	New User
7-1-21	065400	322	Route 394	Vacant	0	New User
7-1-22	065400	210	3035 Route 394	Residential	1	New User
7-1-23	065400	312	3025 Route 394	Vacant	0	New User
7-1-25	065400	210	2995 Route 394	Residential	1	New User
11-1-25	065400	210	2823 Route 394	Residential	1	New User
7-1-26	065400	210	5140 Cheneys Rd	Residential	1	New User
11-1-26	065400	240	2811 Route 394	Residential	1	New User
11-1-29	065400	210	2801 Route 394	Residential	1	New User
11-1-11.2	065400	210	2911 Route 394	Residential	1	New User
11-1-12.1	065400	240	2897 Route 394	Residential	1	New User
11-1-12.2	065400	322	Route 394 Rear	Vacant	0	New User
11-1-16.1	065400	240	2869 Route 394	Residential	1	New User
11-1-20.2	065400	210	2831 Route 394	Residential	1	New User
11-1-31.2.1	065400	210	5064 Bly Hill Rd	Residential	1	New User
11-1-31.2.2	065400	311	Route 394	Vacant	0	New User
11-1-33.1	065400	312	2735 Route 394	Vacant	0	New User
11-1-33.3	065400	311	Route 394	Vacant	0	New User
11-1-33.6	065400	210	2767 Route 394	Residential	1	New User
11-1-33.6	065400	210	2723 Route 394	Residential	1	New User
11-1-8.1	065400	210	2939 Route 394	Residential	1	New User
11-1-8.2	065400	210	2943 Route 394	Residential	1	New User
11-1-9.1	065400	150	2931 Route 394	Vacant (Crops)	0	New User
11-1-9.2	065400	150	Route 394	Vacant (Crops)	0	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
19-1-1	065400	311	Lakeland Ave	Vacant	0	New User
19-1-10	065400	311	5224 Stow Ferry Rd	Vacant	0	New User
19-1-2.1	065400	270	3707 Lakeland Ave	Residential	1	New User
19-1-2.2	065400	270	3701 Lakeland Ave	Residential	1	New User
19-1-3.1	065400	210	3702 Lakeland Ave	Residential	1	New User
19-1-4	065400	210	5196 Stow Ferry Rd	Residential	1	New User
19-1-5.2	065400	260	5202 Stow Ferry Rd	Residential	1	New User
19-1-6.2	065400	311	Stow Ferry Rd	Vacant	0	New User
19-1-7	065400	210	5208 Stow Ferry Rd	Residential	1	New User
19-1-9	065400	311	Stow Ferry Rd	Vacant	0	New User
19-2-1	065400	260	3782 Lakeland Ave	Residential	1	New User
19-2-10.1	065400	210	3744 Lakeland Ave	Residential	1	New User
19-2-10.2	065400	220	3740 Lakeland Ave	Residential - Two Family	2	New User
19-2-11.1	065400	210	3736 Lakeland Ave	Residential	1	New User
19-2-11.2	065400	210	3738 Lakeland Ave	Residential	1	New User
19-2-12.1	065400	220	3732 Lakeland Ave	Residential - Two Family	2	New User
19-2-12.2	065400	210	3734 Lakeland Ave	Residential	1	New User
19-2-13	065400	210	3730 Lakeland Ave	Residential	1	New User
19-2-14	065400	260	3726 Lakeland Ave	Residential	1	New User
19-2-15	065400			Vacant	0	New User
19-2-16.1	065400			Vacant	0	New User
19-2-16.2	065400	260	3724 Lakeland Ave	Residential	1	New User
19-2-17	065400	260	3718 Lakeland Ave	Residential	1	New User
19-2-18	065400	260	3716 Lakeland Ave	Residential	1	New User
19-2-19	065400	260	3710 Lakeland Ave	Residential	1	New User
19-2-2	065400	210	3778 Lakeland Ave	Residential	1	New User
19-2-20	065400	260	3708 Lakeland Ave	Residential	1	New User
19-2-21	065400	210	3706 Lakeland Ave	Residential	1	New User
19-2-22	065400	320	Lakeland Ave	Vacant	0	New User
19-2-3	065400	270	3774 Lakeland Ave	Residential	1	New User
19-2-4	065400	312	3774 Lakeland Ave	Vacant	0	New User
19-2-5	065400	260	3768 Lakeland Ave	Residential	1	New User
19-2-6	065400	210	3762 Lakeland Ave	Residential	1	New User
19-2-7	065400	210	3760 Lakeland Ave	Residential	1	New User
19-2-8	065400	210	3756 Lakeland Ave	Residential	1	New User
19-2-9.1	065400	311	3754 Lakeland Ave	Vacant	0	New User
19-2-9.2.1	065400	210	3748 Lakeland Ave	Residential	1	New User
19-2-9.2.2	065400	210	3752 Lakeland Ave	Residential	1	New User
19-3-1	065400	280	3702 Lakeland Ave	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
19-3-10.1	065400			Vacant	0	New User
19-3-10.2	065400			Residential	1	New User
19-3-11	065400	845	Lakeland Ave	Stowe Ferry	0.5	New User
19-3-2	065400	311	3704 Lakeland Ave	Vacant	0	New User
19-3-3	065400	260	3702 A Lakeland Ave	Residential	1	New User
19-3-5	065400	260	3698 Lakeland Ave	Residential	1	New User
19-3-7	065400	260	3690 Lakeland Ave	Residential	1	New User
19-3-8	065400	260	3690 A Lakeland Ave	Residential	1	New User
19-3-9.1	065400			Vacant	0	New User
19-3-9.2	065400	311	Lakeland Ave	Vacant	0	New User
20-1-1	065400	486	3503 Old Bridge Rd	Hogan's Hut Conenience Store and Gas Station	10.4	New User
20-1-2.1	065400	331	3479 Old Bridge Rd	Vacant	0	New User
20-1-2.2	065400	482	Route 394 rear	Hogan's Hut	1	New User
20-2-1	065400	472	5273 Stow Ferry Rd	Dog Kennel / Veterinary Clinics	1	New User
20-2-2	065400	210	5266 Stow Ferry Rd	Residential	1	New User
20-2-3	065400	485	3521 Old Bridge Rd		1	New User
20-2-4	065400	210	3459 Old Bridge Rd	Residential	1	New User
20-2-5	065400	330	Route 394	Vacant	0	New User
20-2-6	065400	652	3445 Old Bridge Rd	Town Offices	0.5	New User
20-2-7	065400	311	Old Bridge Rd Stow	Vacant	0	New User
20-3-1	065400	312	Stow Ferry Rd	Vacant	0	New User
20-3-10	065400	210	3438 Old Bridge Rd	Residential	1	New User
20-3-2	065400	210	3464 Old Bridge Rd	Residential	1	New User
20-3-3	065400	210	3462 Old Bridge Rd	Residential	1	New User
20-3-4	065400	210	5247 Stow Ferry Rd	Residential	1	New User
20-3-5	065400	210	5223 Stow Ferry Rd	Residential	1	New User
20-3-6	065400	210	5219 Stow Ferry Rd	Residential	1	New User
20-3-7	065400	280	3586 Watson Rd	Residential	1	New User
20-3-7	065400	280	3586 Watson Rd	Residential	1	New User
20-3-8.1	065400	330	Old Bridge Rd Stow	Vacant	0	New User
20-3-8.2.1	065400	311	Hadley Bay Rd	Vacant	0	New User
20-3-8.2.2	065400	312	Hadley Bay Rd	Vacant	0	New User
20-3-8.2.3	065400	311	Hadley Bay Rd	Vacant	0	New User
20-3-8.2.4	065400	210	3556 Ross St	Residential	1	New User
20-3-8.2.4	065400	210	3556 Ross St	Residential	1	New User
20-3-8.2.5	065400	311	Hadley Bay Rd	Vacant	0	New User
20-3-9.1	065400	210	3434 Old Bridge Rd	Residential	1	New User
20-3-9.2	065400	311	Old Bridge Rd Stow	Vacant	0	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
20-4-1.1	065400	210	3670 Watson Rd	Residential	1	New User
20-4-1.2	065400	311	Watson Rd	Vacant	0	New User
20-4-3	065400	311	Stow Ferry Rd	Vacant	0	New User
20-4-4.1	065400	311	Watson Rd	Vacant	0	New User
20-4-5	065400	330	Stow Ferry Rd	Vacant	0	New User
20-4-6	065400	312	Stow Ferry Rd	Vacant	0	New User
20-5-1	065400	417	5173 Stow Ferry Rd	Stowe Ferry	0.5	New User
20-5-2	065400	260	3666 Watson Rd	Residential	1	New User
20-5-3	065400	260	3664 Watson Rd	Residential	1	New User
20-5-4	065400	260	3662 Watson Rd	Residential	1	New User
20-5-5	065400	210	3660 Watson Rd	Residential	1	New User
20-5-6	065400	260	3654 Watson Rd	Residential	1	New User
20-5-7	065400	260	3656 Watson Rd	Residential	1	New User
20-5-8	065400	210	3658 Watson Rd	Residential	1	New User
20-6-1.1	065400	260	3640 Watson Rd	Residential	1	New User
20-6-1.2	065400	260	3638 Watson Rd	Residential	1	New User
20-6-10	065400	260	3620 Watson Rd	Residential	1	New User
20-6-11	065400	260	3618 Watson Rd	Residential	1	New User
20-6-12	065400	260	3616 Watson Rd	Residential	1	New User
20-6-13	065400	260	3614 Watson Rd	Residential	1	New User
20-6-14	065400	260	3612 Watson Rd	Residential	1	New User
20-6-15	065400	260	3610 Watson Rd	Residential	1	New User
20-6-16	065400	260	3608 Watson Rd	Residential	1	New User
20-6-17	065400	210	3606 Watson Rd	Residential	1	New User
20-6-18.1	065400	210	3600 Watson Rd	Residential	1	New User
20-6-18.2	065400	311	Watson Rd	Vacant	0	New User
20-6-18.3	065400	260	3604 Watson Rd	Residential	1	New User
20-6-18.4	065400	220	3602 Watson Rd	Residential - Two Family	2	New User
20-6-19.1	065400	260	3596 Watson Rd	Residential	1	New User
20-6-19.2	065400	260	3598 Watson Rd	Residential	1	New User
20-6-2.1	065400	210	3634 Watson Rd	Residential	1	New User
20-6-2.2	065400	260	3636 Watson Rd	Residential	1	New User
20-6-20	065400	260	3594 Watson Rd	Residential	1	New User
20-6-21	065400	260	3590 Watson Rd	Residential	1	New User
20-6-22	065400	260	3588 Watson Rd	Residential	1	New User
20-6-3	065400	260	3632 Watson Rd	Residential	1	New User
20-6-4	065400	260	3630 Watson Rd	Residential	1	New User
20-6-5	065400	210	3628 Watson Rd	Residential	1	New User
20-6-6	065400	260	3626 Watson Rd	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
20-6-8	065400	260	3622 Watson Rd	Residential	1	New User
21-1-1.1	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-1.2	065400	210	3554 Ross St	Residential	1	New User
21-1-1.3	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-10	065400	210	3524 Ross St	Residential	1	New User
21-1-11	065400	210	3522 Ross St	Residential	1	New User
21-1-12	065400	260	3520 Ross St	Residential	1	New User
21-1-13	065400	210	3518 Ross Rd	Residential	1	New User
21-1-14	065400	330		Vacant	0	New User
21-1-15	065400	311	3506 Mason St	Vacant	0	New User
21-1-15	065400	311	3506 Mason St	Vacant	0	New User
21-1-16	065400	210	3504 Mason St	Residential	1	New User
21-1-17	065400	210	3502 Mason St	Residential	1	New User
21-1-18	065400	260	3500 Mason St	Residential	1	New User
21-1-19	065400	270	3498 Mason St	Residential	1	New User
21-1-2.1	065400	210	3540 Ross St	Residential	1	New User
21-1-2.2	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-20.1	065400	312	Hadley Bay Rd	Vacant	0	New User
21-1-20.2	065400	311	Mason St	Vacant	0	New User
21-1-21	065400	260	3492 Mason St	Residential	1	New User
21-1-22	065400	210	3490 Mason St	Residential	1	New User
21-1-23	065400	260	3488 Mason St	Residential	1	New User
21-1-24	065400	260	3486 Mason St	Residential	1	New User
21-1-25	065400	210	3484 Mason St	Residential	1	New User
21-1-26	065400	260	3482 Mason St	Residential	1	New User
21-1-27	065400	260	3480 Mason St	Residential	1	New User
21-1-28	065400	260	3470 Mason St	Residential	1	New User
21-1-29	065400	417	3280 Hadley Bay Rd	Lakeside Campgrounds - 58 mobile homes	58	New User
21-1-3	065400	260	3538 Ross St	Residential	1	New User
21-1-30	065400	240	3264 Route 394	Residential	1	New User
21-1-33	065400	260	3483 Mason St	Residential	1	New User
21-1-34	065400	312	Mason St	Vacant	0	New User
21-1-35	065400	312	Mason St	Vacant	0	New User
21-1-36	065400	312	Hadley Bay Rd	Vacant	0	New User
21-1-37	065400	260	3491 Mason St	Residential	1	New User
21-1-38.1	065400	210	3495 Mason St	Residential	1	New User
21-1-38.2	065400	260	Mason	Residential	1	New User
21-1-39	065400	312	Mason St	Vacant	0	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
21-1-4	065400	260	3536 Ross St	Residential	1	New User
21-1-40	065400	260	3499 Mason St	Residential	1	New User
21-1-41	065400	312	Mason St	Vacant	0	New User
21-1-42	065400	312	Mason St	Vacant	0	New User
21-1-44.1	065400	330	3310 Hadley Bay Rd	Vacant	0	New User
21-1-44.1	065400	330	3310 Hadley Bay Rd	Vacant	0	New User
21-1-44.4.1	065400	330	Route 394	Vacant	0	New User
21-1-44.4.2	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-44.6	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-44.7	065400	421	3328 Route 394	Hadley Bay	22.9	New User
21-1-44.8	065400	311	Hadley Bay	Vacant	0	New User
21-1-45	065400	882		Substation	0	New User
21-1-47	065400	311	Rear-Ross St.	Vacant	0	New User
21-1-47	065400	312	Hadley Bay Rd	Vacant	0	New User
21-1-48	065400	312	Ross St	Vacant	0	New User
21-1-49	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-5	065400	210	3534 Ross St	Residential	1	New User
21-1-50	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-51	065400	311	Hadley Bay Rd	Vacant	0	New User
21-1-52	065400	312	Hadley Bay Rd	Vacant	0	New User
21-1-53	065400	312	Ross St	Vacant	0	New User
21-1-54	065400	311	Ross St	Vacant	0	New User
21-1-55	065400	312	Ross St	Vacant	0	New User
21-1-56	065400	312	3523 Ross St	Vacant	0	New User
21-1-57	065400	210	3525 Ross St	Residential	1	New User
21-1-58	065400	312	Ross St	Vacant	0	New User
21-1-59	065400	312	Hadley Bay Rd	Vacant	0	New User
21-1-6	065400	260	3532 Ross St	Residential	1	New User
21-1-60	065400	312	Ross St	Vacant	0	New User
21-1-61	065400	312	Ross St	Vacant	0	New User
21-1-62	065400	312	Hadley Bay Rd	Vacant	0	New User
21-1-63	065400	311	Ross St	Vacant	0	New User
21-1-63	065400	311	Ross St	Vacant	0	New User
21-1-7	065400	260	3530 Ross St	Residential	1	New User
21-1-8	065400	210	3528 Ross St	Residential	1	New User
21-1-9	065400	260	3526 Ross St	Residential	1	New User
22-1-1	065400	210	3390 Elm Ave	Residential	1	New User
22-1-2	065400	260	3388 Elm Ave	Residential	1	New User
22-1-3	065400	260	3386 Elm Ave	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
22-1-4	065400	210	3384 Elm Ave	Residential	1	New User
22-1-5	065400	260	3382 Elm Ave	Residential	1	New User
22-2-1	065400	312	Connelly Pk	Vacant	0	New User
22-2-2	065400	312	Connelly Pk	Vacant	0	New User
22-2-3	065400	312	Connelly Pk	Vacant	0	New User
22-2-4	065400	312	Elm Ave	Vacant	0	New User
22-2-5	065400	311	Highland Ave	Vacant	0	New User
22-2-6	065400	311	Winona Ave	Vacant	0	New User
22-2-6	065400	210	5222 Winona Ave	Residential	1	New User
22-2-7	065400	311	Connelly Pk	Vacant	0	New User
22-3-1.1	065400	210	3372 Al Mar Dr	Residential	1	New User
22-3-1.1.3	065400	311	Connelly Pk	Vacant	0	New User
22-4-1.1	065400	311	Connelly Pk	Vacant	0	New User
22-4-1.2	065400	210	3190 Route 394	Residential	1	New User
22-5-1	065400	311	Highland Ave	Vacant	0	New User
22-5-10	065400	312	3336 Highland Ave	Vacant	0	New User
22-5-11	065400	210	3336 Highland Ave	Residential	1	New User
22-5-12	065400	210	3332 Highland Ave	Residential	1	New User
22-5-13	065400	312	Connelly Pk	Vacant	0	New User
22-5-14	065400	210	3328 Highland Ave	Residential	1	New User
22-5-15	065400	260	3326 Highland Ave	Residential	1	New User
22-5-16	065400	210	3324 Highland Ave	Residential	1	New User
22-5-17	065400	311	Connelly Pk	Vacant	0	New User
22-5-18	065400	312	3320 Highland Ave	Vacant	0	New User
22-5-19	065400	260	3318 Highland Ave	Residential	1	New User
22-5-2	065400	260	3358 Highland Ave	Residential	1	New User
22-5-20	065400	260	3316 Highland Ave	Residential	1	New User
22-5-21	065400	210	3314 Highland Ave	Residential	1	New User
22-5-22	065400	260	3312 Highland Ave	Residential	1	New User
22-5-23.1	065400	260	3310 Connelly Pk	Residential	1	New User
22-5-23.2	065400	311	Highland Ave	Vacant	0	New User
22-5-24.1	065400	311	Quigley Pk	Vacant	0	New User
22-5-24.2	065400	311	Quigley Pk	Vacant	0	New User
22-5-25.1	065400	210	3138 Route 394	Residential	1	New User
22-5-25.2	065400	210	3265 Chautauqua Ave	Residential	1	New User
22-5-25.3	065400	311	Route 394 Rear	Vacant	0	New User
22-5-25.3	065400	311	Route 394 Rear	Vacant	0	New User
22-5-26.1	065400	311	Route 394	Vacant	0	New User
22-5-26.2	065400	210	3272 Chautauqua Ave	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
22-5-26.3	065400	311	Route 394	Vacant	0	New User
22-5-26.4	065400	311	Route 394 Rear	Vacant	0	New User
22-5-27.1	065400	311	Route 394	Vacant	0	New User
22-5-27.2	065400	260	3278 Chautauqua Ave	Residential	1	New User
22-5-27.3	065400	210	3282 Chautauqua Ave	Residential	1	New User
22-5-27.4	065400	210	3277 Connelly Pk	Residential	1	New User
22-5-27.5	065400	311	Route 394	Vacant	0	New User
22-5-27.6	065400	311	Route 394	Vacant	0	New User
22-5-27.7	065400	311	Route 394	Vacant	0	New User
22-5-28.1	065400	210	3290 Chautauqua Ave	Residential	1	New User
22-5-28.2	065400	210	3154 Route 394	Residential	1	New User
22-5-29.2.1	065400	210	3166 Route 394	Residential	1	New User
22-5-29.2.2.1	065400	210	3162 Route 394	Residential	1	New User
22-5-29.2.2.2	065400	210	3160 Route 394	Residential	1	New User
22-5-29.2.2.3	065400	311	Highland Ave	Vacant	0	New User
22-5-29.2.2.3	065400	311	Highland Ave	Vacant	0	New User
22-5-3	065400	280	3354 Highland Ave	Residential	1	New User
22-5-30.1	065400	210	3178 Route 394	Residential	1	New User
22-5-30.2	065400	311	Al Mar Dr	Vacant	0	New User
22-5-31	065400	210	3336 Al Mar Dr	Residential	1	New User
22-5-32.1	065400	311	Al Mar Dr	Vacant	0	New User
22-5-32.2	065400	311	Al Mar Dr	Vacant	0	New User
22-5-32.3	065400	311	Al Mar Dr	Vacant	0	New User
22-5-33	065400	210	3348 Al Mar Dr	Residential	1	New User
22-5-34	065400	210	3354 Al Mar Dr	Residential	1	New User
22-5-4	065400	210	3352 Highland Ave	Residential	1	New User
22-5-5	065400	260	3348 Highland Ave	Residential	1	New User
22-5-6	065400	260	3346 Highland Ave	Residential	1	New User
22-5-7	065400	210	3342 Highland Ave	Residential	1	New User
22-5-8	065400	210	3340 Highland Ave	Residential	1	New User
22-5-9	065400	311	Connelly Pk	Vacant	0	New User
22-5-9	065400	311	Connelly Pk	Vacant	0	New User
23-1-1	065400	210	3258 Chautauqua Ave	Residential	1	New User
23-1-10	065400	210	3230 Chautauqua Ave	Residential	1	New User
23-1-11	065400	311	Chautauqua Ave	Vacant	0	New User
23-1-12	065400	210	3224 Chautauqua Ave	Residential	1	New User
23-1-14	065400	210	3218 Chautauqua Ave	Residential	1	New User
23-1-15	065400	210	3214 Chautauqua Ave	Residential	1	New User
23-1-16	065400	210	3210 Chautauqua Ave	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
23-1-17	065400	210	3208 Chautauqua Ave	Residential	1	New User
23-1-18	065400	312	Chautauqua Ave	Vacant	0	New User
23-1-19	065400	210	3204 Chautauqua Ave	Residential	1	New User
23-1-2	065400	210	3256 Chautauqua Ave	Residential	1	New User
23-1-20	065400	210	3200 Chautauqua Ave	Residential	1	New User
23-1-21	065400	210	3198 Chautauqua Ave	Residential	1	New User
23-1-22	065400	260	3196 Chautauqua Ave	Residential	1	New User
23-1-23	065400	311	Chautauqua Ave	Vacant	0	New User
23-1-24	065400	260	3190 Chautauqua Ave	Residential	1	New User
23-1-25	065400	210	3188 Chautauqua Ave	Residential	1	New User
23-1-27	065400	260	3182 Chautauqua Ave	Residential	1	New User
23-1-28	065400	210	3180 Chautauqua Ave	Residential	1	New User
23-1-29	065400	210	3178 Chautauqua Ave	Residential	1	New User
23-1-3.1	065400	311	Quigley Pk	Vacant	0	New User
23-1-3.2	065400	210	3254 Chautauqua Ave	Residential	1	New User
23-1-30	065400	210	3176 Chautauqua Ave	Residential	1	New User
23-1-4	065400	210	3252 Chautauqua Ave	Residential	1	New User
23-1-5	065400	210	3248 Chautauqua Ave	Residential	1	New User
23-1-6	065400	210	3238 Chautauqua Ave	Residential	1	New User
23-1-7	065400	210	3234 Chautauqua Ave	Residential	1	New User
23-1-8	065400	312	3234 Chautauqua Ave	Vacant	0	New User
23-1-9	065400	210	3232 Chautauqua Ave	Residential	1	New User
23-2-1	065400	260	3170 Chautauqua Ave	Residential	1	New User
23-2-10	065400	210	3144 Chautauqua Ave	Residential	1	New User
23-2-11.1	065400	210	3140 Chautauqua Ave	Residential	1	New User
23-2-11.2	065400	311	Chautauqua Ave	Vacant	0	New User
23-2-12	065400	210	3134 Chautauqua Ave	Residential	1	New User
23-2-13	065400	311	Chautauqua Ave	Vacant	0	New User
23-2-14.1	065400	210	3130 Chautauqua Ave	Residential	1	New User
23-2-14.2	065400	210	3128 Chautauqua Ave	Residential	1	New User
23-2-15.1	065400	311	Chautauqua Ave	Vacant	0	New User
23-2-15.2	065400	311	Chautauqua Ave	Vacant	0	New User
23-2-15.3	065400	311	Chautauqua Ave	Vacant	0	New User
23-2-16	065400	210	3122 Chautauqua Ave	Residential	1	New User
23-2-17	065400	210	3118 Chautauqua Ave	Residential	1	New User
23-2-18	065400	210	3112 Chautauqua Ave	Residential	1	New User
23-2-2	065400	210	3168 Chautauqua Ave	Residential	1	New User
23-2-3	065400	210	3166 Chautauqua Ave	Residential	1	New User
23-2-4	065400			Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
23-2-5	065400	210	3158 Chautauqua Ave	Residential	1	New User
23-2-6	065400	210	3154 Chautauqua Ave	Residential	1	New User
23-2-7	065400	210	3152 Chautauqua Ave	Residential	1	New User
23-2-8	065400	210	3148 Chautauqua Ave	Residential	1	New User
23-2-9	065400	311	Chautauqua Ave	Vacant	0	New User
23-3-1.1	065400	311	Route 394	Vacant	0	New User
23-3-1.2	065400	311	Route 394	Vacant	0	New User
23-4-1.1	065400	311	Chautauqua Ave	Vacant	0	New User
23-4-1.2	065400	311	Chautauqua Ave	Vacant	0	New User
23-4-10	065400	312	5144 Lakeview Ave	Vacant	0	New User
23-4-11	065400	271	5146 Lakeview Ave	Residential - Multiple Homes	2	New User
23-4-12	065400	270	5156 Lakeview Ave	Residential	1	New User
23-4-13	065400	312	5158 Lakeview Ave	Vacant	0	New User
23-4-2	065400	312	Chautauqua Ave	Vacant	0	New User
23-4-3	065400	312	3238 Chautauqua Ave	Vacant	0	New User
23-4-4	065400	312	Quigley Pk	Vacant	0	New User
23-4-5	065400	312	Chautauqua Ave	Vacant	0	New User
23-4-6.1	065400	311	Chautauqua Ave	Vacant	0	New User
23-4-6.2	065400	312	Chautauqua Ave	Vacant	0	New User
23-4-7.1	065400	210	3193 Chautauqua Ave	Residential	1	New User
23-4-7.2	065400	312	Chautauqua Ave	Vacant	0	New User
23-4-8	065400	210	3189 Chautauqua Ave	Residential	1	New User
23-4-9	065400	311	Chautauqua Ave	Vacant	0	New User
23-5-1	065400	210	3170 Chautauqua Ave	Residential	1	New User
23-5-10.1	065400	312	Cheney Pt	Vacant	0	New User
23-5-11.2	065400	311	Cheney Pt	Vacant	0	New User
23-5-12	065400	312	5098 Cheney Pt	Vacant	0	New User
23-5-13.1	065400	311	Maple St	Vacant	0	New User
23-5-13.1	065400	311	Maple St	Vacant	0	New User
23-5-13.2	065400	312	Cheney Pt	Vacant	0	New User
23-5-13.3	065400	311	Route 394 Rear	Vacant	0	New User
23-5-13.4.1	065400	210	3113 Chautauqua Ave	Residential	1	New User
23-5-13.5	065400	312	3117 Chautauqua Ave	Vacant	0	New User
23-5-13.6	065400	210	3111 Chautauqua Ave	Residential	1	New User
23-5-14	065400	311	Ash St Rear	Vacant	0	New User
23-5-15	065400	311	Ash St	Vacant	0	New User
23-5-16	065400	311	Ash St	Vacant	0	New User
23-5-17	065400	311	Cheney Pt	Vacant	0	New User
23-5-18	065400	210	5124 Ash St	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
23-5-19	065400	311	Ash St Rear	Vacant	0	New User
23-5-2	065400	260	5129 Lakeview Ave	Residential	1	New User
23-5-20	065400	311	Ash St Rear	Vacant	0	New User
23-5-21	065400	311	Ash St Rear	Vacant	0	New User
23-5-22	065400	210	5128 Ash St	Residential	1	New User
23-5-23	065400	270	5132 Cheney Point Rd	Residential	1	New User
23-5-24	065400	210	3014 Route 394	Residential	1	New User
23-5-25.1	065400	311	Route 394	Vacant	0	New User
23-5-25.2	065400	210	3038 Route 394	Residential	1	New User
23-5-26	065400	311	Ash St	Vacant	0	New User
23-5-3.1	065400	311	Quigley Pk	Vacant	0	New User
23-5-3.2	065400	260	5123 Lakeview Ave	Residential	1	New User
23-5-4	065400	311	Chautauqua Ave	Vacant	0	New User
23-5-5	065400	210	3151 Chautauqua Ave	Residential	1	New User
23-5-6.1	065400	210	3133 Chautauqua Ave	Residential	1	New User
23-5-6.2.1	065400	312	Chautauqua Ave	Vacant	0	New User
23-5-6.2.1	065400	312	Chautauqua Ave	Vacant	0	New User
23-5-6.2.2	065400	210	3147 Chautauqua Ave	Residential	1	New User
23-5-6.3.1	065400	210	3036 Route 394	Residential	1	New User
23-5-6.3.2.1	065400	311	Cheney Pt	Vacant	0	New User
23-5-6.3.2.2	065400	210	3139 Chautauqua Ave	Residential	1	New User
23-5-6.3.2.3	065400	210	3135 Chautauqua Ave	Residential	1	New User
23-5-7	065400	312	3123 Chautauqua Ave	Vacant	0	New User
23-5-8	065400	312	Chautauqua Ave	Vacant	0	New User
23-5-9	065400	312	Cheney Pt	Vacant	0	New User
24-1-1	065400	210	3108 Chautauqua Ave	Residential	1	New User
24-1-10.1	065400	311	Chautauqua Ave	Vacant	0	New User
24-1-10.2	065400	311	3082 Cheney Pt	Vacant	0	New User
24-1-11	065400	210	3080 Cheney Pt	Residential	1	New User
24-1-12	065400	260	3076 Chautauqua Ave	Residential	1	New User
24-1-13	065400	210	3074 Chautauqua Ave	Residential	1	New User
24-1-14	065400	311	Chautauqua Ave	Vacant	0	New User
24-1-15	065400	210	3058 Chautauqua Ave	Residential	1	New User
24-1-16	065400	312	Chautauqua Ave	Vacant	0	New User
24-1-17	065400	210	3052 Chautauqua Ave	Residential	1	New User
24-1-18	065400	311	Chautauqua Ave	Vacant	0	New User
24-1-19	065400	210	3044 Chautauqua Ave	Residential	1	New User
24-1-2	065400	210	3102 Chautauqua Ave	Residential	1	New User
24-1-20	065400	311	Chautauqua Ave	Vacant	0	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
24-1-21.1	065400	210	3040 Chautauqua Ave	Residential	1	New User
24-1-21.2	065400	210	3030 Chautauqua Ave	Residential	1	New User
24-1-21.3	065400	210	3036 Chautauqua Ave	Residential	1	New User
24-1-22	065400	210	3026 Chautauqua Ave	Residential	1	New User
24-1-23	065400	210	2942 Route 394	Residential	1	New User
24-1-24	065400	210	2942 Route 394	Residential	1	New User
24-1-25	065400	210	2930 Route 394	Residential	1	New User
24-1-26	065400	210	2940 Route 394	Residential	1	New User
24-1-27.1	065400			Residential	1	New User
24-1-27.1	065400			Residential	1	New User
24-1-27.2	065400	210	2944 Route 394	Residential	1	New User
24-1-27.3	065400	312	Elm St	Vacant	0	New User
24-1-28	065400	210	2960 Route 394	Residential	1	New User
24-1-3	065400	210	3100 Chautauqua Ave	Residential	1	New User
24-1-33	065400	312	Cheneys Pt	Vacant	0	New User
24-1-4	065400	210	3096 Chautauqua Ave	Residential	1	New User
24-1-5	065400	260	3094 Chautauqua Ave	Residential	1	New User
24-1-6	065400	210	3092 Chautauqua Ave	Residential	1	New User
24-1-7	065400	210	3090 Chautauqua Ave	Residential	1	New User
24-1-8	065400	210	3086 Cheney Pt	Residential	1	New User
24-1-9	065400	210	3084 Cheney Pt	Residential	1	New User
24-2-1	065400	312	5095 Ash St	Vacant	0	New User
24-2-10	065400	311	Spring St	Vacant	0	New User
24-2-11	065400	312	Spring St	Vacant	0	New User
24-2-12	065400	311	Spring St	Vacant	0	New User
24-2-13	065400	311	Spring St	Vacant	0	New User
24-2-14	065400	311	Spring St	Vacant	0	New User
24-2-15	065400	311	Ash St	Vacant	0	New User
24-2-16	065400	311	5125 Ash St	Vacant	0	New User
24-2-17	065400	311	Ash St	Vacant	0	New User
24-2-18	065400	311	Ash St	Vacant	0	New User
24-2-19	065400	210	5107 Ash St	Residential	1	New User
24-2-2	065400	312	Cheney Pt	Vacant	0	New User
24-2-3	065400	210	3077 Chautauqua Ave	Residential	1	New User
24-2-4.1	065400	311	Spring St	Vacant	0	New User
24-2-4.2	065400	312	Chautauqua Ave	Vacant	0	New User
24-2-5	065400	210	5105 Spring St	Residential	1	New User
24-2-6.1	065400	210	5111 Spring St	Residential	1	New User
24-2-6.2	065400	311	Cheney Pt	Vacant	0	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
24-2-7	065400	210	5115 Spring St	Residential	1	New User
24-2-8	065400	311	Spring St	Vacant	0	New User
24-2-9	065400	210	5121 Spring St	Residential	1	New User
24-3-1	065400	311	Chautauqua Ave	Vacant	0	New User
24-3-2	065400	312	3051 Chautauqua Ave	Vacant	0	New User
24-3-3	065400	311	Cheney Pt	Vacant	0	New User
24-3-4	065400	312	Cheney Pt	Vacant	0	New User
24-3-5	065400	311	Cheney Pt	Vacant	0	New User
24-3-6	065400	311	Cheney Pt	Vacant	0	New User
24-3-7	065400	311	5117 Spring St	Vacant	0	New User
24-3-8	065400	312	Spring St	Vacant	0	New User
24-4-1	065400	210	Route 394	Residential	1	New User
24-4-2.1	065400	311	Route 394	Vacant	0	New User
24-4-2.2	065400	210	2996 Route 394	Residential	1	New User
24-4-3	065400	311	Route 394	Vacant	0	New User
24-5-1	065400	210	3012 Chautauqua Ave	Residential	1	New User
24-5-2	065400	210	3008 Chautauqua Ave	Residential	1	New User
24-5-3.1	065400	311	Longview Ave	Vacant	0	New User
24-5-3.2	065400	311	Chautauqua Ave	Vacant	0	New User
24-5-4	065400	210	2998 Longview Ave	Residential	1	New User
24-5-5.1	065400	311	Longview Ave	Vacant	0	New User
24-5-5.2	065400	311	Cheney Pt	Vacant	0	New User
24-5-5.3	065400	311	Cheney Pt	Vacant	0	New User
24-5-6	065400	210	2990 Chautauqua Ave	Residential	1	New User
24-6-1.1	065400	210	2984 Longview Ave	Residential	1	New User
24-6-1.2	065400	311	Longview Ave	Vacant	0	New User
24-6-2	065400	210	2978 Chautauqua Ave	Residential	1	New User
24-6-3	065400	260	2972 Chautauqua Ave	Residential	1	New User
24-7-1	065400	260	2968 Chautauqua Ave	Residential	1	New User
24-7-2	065400	210	2966 Chautauqua Ave	Residential	1	New User
24-7-3	065400	311	2964 Longview Ave	Vacant	0	New User
24-7-4	065400	260	2960 Chautauqua Ave	Residential	1	New User
24-7-5	065400	210	2958 Chautauqua Ave	Residential	1	New User
24-7-6	065400	210	2954 Chautauqua Ave	Residential	1	New User
24-7-7	065400	260	2948 Chautauqua Ave	Residential	1	New User
24-7-8	065400	260	2944 Chautauqua Ave	Residential	1	New User
24-7-9	065400	210	2938 Chautauqua Ave	Residential	1	New User
24-8-1	065400	312	3008 Chautauqua Ave	Vacant	0	New User
24-8-2.1	065400	312	Route 394	Vacant	0	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
24-8-2.2	065400	210	2918 Route 394	Residential	1	New User
24-8-3	065400	311	Route 394	Vacant	0	New User
24-8-4	065400	311	Route 394	Vacant	0	New User
24-9-1.1	065400	210	2898 Route 394	Residential	1	New User
24-9-1.2	065400	210	5080 Longview Ave	Residential	1	New User
24-9-1.3	065400	312	Route 394	Vacant	0	New User
24-9-1.4	065400	311	Longview Ave	Vacant	0	New User
24-9-2	065400	311	2892 Route 394	Vacant	0	New User
25-1-1	065400	210	2920 Chautauqua Ave	Residential	1	New User
25-1-10	065400	260	2898 Longview Ave	Residential	1	New User
25-1-11	065400	260	2896 Longview Ave	Residential	1	New User
25-1-12	065400	312	Route 394	Vacant	0	New User
25-1-13	065400	312	Route 394	Vacant	0	New User
25-1-14	065400	210	2858 Route 394	Residential	1	New User
25-1-15	065400	210	2864 Route 394	Residential	1	New User
25-1-16	065400	210	2870 Route 394	Residential	1	New User
25-1-17	065400	210	2872 Route 394	Residential	1	New User
25-1-2	065400	260	2918 Chautauqua Ave	Residential	1	New User
25-1-3	065400	260	2916 Longview Ave	Residential	1	New User
25-1-4	065400	260	2912 Chautauqua Ave	Residential	1	New User
25-1-5	065400	260	2908 Longview	Residential	1	New User
25-1-6	065400	210	2906 Longview Ave	Residential	1	New User
25-1-7	065400	260	2904 Longview Ave	Residential	1	New User
25-1-8	065400	260	2902 Longview Ave	Residential	1	New User
25-1-9	065400	210	2900 Longview Ave	Residential	1	New User
25-2-1	065400	260	2890 Chautauqua Ave	Residential	1	New User
25-2-10	065400	210	2860 Chautauqua Ave	Residential	1	New User
25-2-2	065400	260	2888 Chautauqua Ave	Residential	1	New User
25-2-3	065400	210	2886 Chautauqua Ave	Residential	1	New User
25-2-4	065400	210	2880 Chautauqua Ave	Residential	1	New User
25-2-4	065400	210	2880 Chautauqua Ave	Residential	1	New User
25-2-5	065400	210	2876 Chautauqua Ave	Residential	1	New User
25-2-6	065400	210	Chautauqua Ave	Residential	1	New User
25-2-7	065400	311	Chautauqua Ave	Vacant	0	New User
25-2-8	065400	210	2870 Chautauqua Ave	Residential	1	New User
25-2-9	065400	210	2866 Chautauqua Ave	Residential	1	New User
25-3-1	065400	260	2856 Chautauqua Ave	Residential	1	New User
25-3-10	065400	210	2834 Chautauqua Ave	Residential	1	New User
25-3-11	065400	210	2832 Chautauqua Ave	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
25-3-12	065400	210	2828 Chautauqua Ave	Residential	1	New User
25-3-13	065400	210	2826 Chautauqua Ave	Residential	1	New User
25-3-14	065400	210	2824 Chautauqua Ave	Residential	1	New User
25-3-15	065400	311	Chautauqua Ave	Vacant	0	New User
25-3-16	065400	210	2816 Chautauqua Ave	Residential	1	New User
25-3-17	065400	210	2812 Chautauqua Ave	Residential	1	New User
25-3-2	065400	311	Chautauqua Ave	Vacant	0	New User
25-3-3	065400	260	2852 Chautauqua Ave	Residential	1	New User
25-3-4	065400	210	2848 Chautauqua Ave	Residential	1	New User
25-3-5	065400	312	Chautauqua Ave	Vacant	0	New User
25-3-6	065400	210	2846 Chautauqua Ave	Residential	1	New User
25-3-7	065400	210	2840 Chautauqua Ave	Residential	1	New User
25-3-8	065400	210	2838 Chautauqua Ave	Residential	1	New User
25-3-9	065400	210	2836 Chautauqua Ave	Residential	1	New User
25-4-1	065400	312	Route 394	Vacant	0	New User
25-4-10	065400	311	Route 394	Vacant	0	New User
25-4-11	065400	311	Neits Crest	Vacant	0	New User
25-4-12	065400	312	Neits Crest	Vacant	0	New User
25-4-13	065400	311	Route 394	Vacant	0	New User
25-4-14	065400	312	Route 394	Vacant	0	New User
25-4-15	065400	210	2811 Chautauqua Ave	Residential	1	New User
25-4-2	065400	311	Route 394	Vacant	0	New User
25-4-3	065400	312	2853 Chautauqua Ave	Vacant	0	New User
25-4-4	065400	312	Route 394	Vacant	0	New User
25-4-5	065400	312	Route 394	Vacant	0	New User
25-4-6	065400	210	2845 Chautauqua Ave	Residential	1	New User
25-4-7	065400	312	Route 394	Vacant	0	New User
25-4-8.1	065400	311	Route 394	Vacant	0	New User
25-4-8.2	065400	312	Chautauqua Ave	Vacant	0	New User
25-4-9	065400	312	Route 394	Vacant	0	New User
25-5-2	065400	311	Route 394	Vacant	0	New User
26-1-1	065400	250	2778 Route 394	Residential	1	New User
26-1-2	065400	695	Route 394	Cemetary	0	New User
7-1-11.1	065400	311	Route 394	Vacant	0	New User
7-1-11.2	065400	270	3205 Route 394	Residential	1	New User
7-1-11.3.1	065400	280	3211 Route 394	Residential	1	New User
7-1-14.2	065400	210	5252 Ramsey Rd	Residential	1	New User
7-1-17.1	065400	210	3137 Route 394	Residential	1	New User
7-1-18.2	065400	210	3081 Route 394	Residential	1	New User

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
7-1-18.3	065400	321	Route 394	Vacant	0	New User
7-1-2.1	065400	210	Route 394 Rear	Residential	1	New User
7-1-2.2	065400	270	3725 Lakeland Ave	Residential	1	New User
7-1-2.3	065400	311	Lakeland Ave	Vacant	0	New User
7-1-2.4	065400	311	Lakeland Ave	Vacant	0	New User
7-1-2.5	065400			Vacant	0	New User
7-1-2.6	065400	270	3781 Lakeland Ave	Residential	1	New User
7-1-2.7	065400	311	Lakeland Ave	Vacant	0	New User
7-1-2.8	065400	311	Route 394	Vacant	0	New User
7-1-20.1	065400	312	3061 Route 394	Vacant	0	New User
7-1-20.2	065400	210	3037 Route 394	Residential	1	New User
7-1-24.1	065400	322	Route 394	Vacant	0	New User
7-1-24.2	065400	210	3013 Route 394	Residential	1	New User
7-1-4.2	065400	330	Stow Ferry Rd	Vacant	0	New User
7-1-7.1	065400	447	5363 Stow Rd	Vacant	0	New User
7-1-7.2	065400	312	Stow Ferry Rd	Vacant	0	New User
7-1-7.3	065400	311	Stow Ferry Rd	Vacant	0	New User
7-1-8.1	065400	330	Route 394	Vacant	0	New User
7-1-8.2	065400	720	3357 Route 394	Gravel Pit with office	0.5	New User
7-1-8.3.1	065400	330	Route 394	Vacant	0	New User
7-1-8.3.2	065400	464	3330-3340 Route 394	Model Home	0.5	New User
7-1-9.1	065400	210	3275 Route 394	Residential	1	New User
7-1-9.2	065400	270	3277 Route 394	Residential	1	New User
7-1-9.3	065400	210	3259 Route 394	Residential	1	New User
7-1-9.6	065400	311	Route 394	Vacant	0	New User
26-1-3	065400	210	2724 Route 394	Residential	1	Town of North Harmony District
26-1-4.1	065400	311	2706 Route 394	Vacant	0	Town of North Harmony District
26-1-4.22	065400	312	2722 Route 394	Vacant	0	Town of North Harmony District
26-1-4.3	065400	210	2718 Route 394	Residential	1	Town of North Harmony District
26-1-4.20.1	065400	331	Sunrise Dr	Vacant	0	Town of North Harmony District
26-1-4.2	065400	215	2706 Route 394	Residential	1	Town of North Harmony District
26-1-4.16	065400	210	2707 Salam Dr	Residential	1	Town of North Harmony District
26-1-4.5	065400	210	2705 Salam Dr	Residential	1	Town of North Harmony District
26-1-4.14	065400	210	2703 Salam Dr	Residential	1	Town of North Harmony District
26-1-4.7	065400	210	2708B Salam Dr	Residential	1	Town of North Harmony District
26-1-4.6	065400	210	2708A Salam Dr	Residential	1	Town of North Harmony District
26-1-4.4	065400	210	2706 Salam Dr	Residential	1	Town of North Harmony District
26-1-4.9	065400	210	2702 Salam Dr	Residential	1	Town of North Harmony District
26-1-4.23	065400	311	Cove Circle East	Vacant	0	Town of North Harmony District

TAX MAP	SWIS	PROPERTY CLASSIFICATION	ADDRESS	COMMENT	EDU ASSESSMENT	ZONE OF ASSESSMENT
26-1-4.26	065400	210	2721 Lakeshore Dr	Residential	1	Town of North Harmony District
26-1-4.21	065400	311	39 Sunrise Cove	Vacant	0	Town of North Harmony District
26-1-4.24	065400	210	2718 Cove Circle East	Residential	1	Town of North Harmony District
26-1-4.17	065400	210	2714 Cove Circle East	Residential	1	Town of North Harmony District
26-1-4.25	065400	210	2712 Cove Circle East	Residential	1	Town of North Harmony District
26-1-4.15	065400	210	4986 Sunrise Dr	Residential	1	Town of North Harmony District
26-1-4.20.2	065400	560	Lakeshore Dr W	Association waterfront parcel	1	Town of North Harmony District
26-1-4.27	065400	210	Lakeshore Dr	Residential	1	Town of North Harmony District
26-1-4.19	065400	210	2716 Lakeshore Dr	Residential	1	Town of North Harmony District
26-1-4.13	065400	210	2714 Lakeshore Dr	Residential	1	Town of North Harmony District
26-1-4.18	065400	210	2712 Lakeshore Dr	Residential	1	Town of North Harmony District
26-1-4.12	065400	210	2710 Lakeshore Dr	Residential	1	Town of North Harmony District
26-1-4.8	065400	210	2708 Lakeshore Dr	Residential	1	Town of North Harmony District
26-1-9.4	065400	210	2686 Route 394	Residential	1	New User
26-1-9.2.1	065400	210	2658 Route 394	Residential	1	New User
26-1-9.2.2	065400	311	Route 394	Vacant	0	New User
26-1-8	065400	210	2622 Route 394	Residential	1	New User
26-1-9.1	065400	210	2690 Route 394	Residential	1	New User
TOTAL NEW EDU					452.3	
TOTAL VACANT PARCELS					255	
TOTAL EXISTING EDU					22	

Appendix B

Estimated Project Costs

South and Center Chautauqua Lake Sewer Districts

2015 Cost Estimate

Item	Quantity	Unit	Unit Price	Total
Sewer Extension - Phase 1 - Sunrise Cove PS and FM				
Force Mains (green space)	5950	LF	\$50	\$297,500
Force Mains (pavement)	5950	LF	\$75	\$446,250
Pumping Station	1	LS	\$400,000	\$400,000
Air Release Valves	5	EA	\$7,500	\$37,500
Clean Outs	11	EA	\$4,000	\$44,000
Creek Crossings	200	LF	\$245	\$49,000
Storm Sewer	50	LF	\$50	\$2,500
Land Acquisition	1	LS	\$10,000	\$10,000
Miscellaneous Improvements	1	LS	\$25,000	\$25,000
			Subtotal	\$1,311,750
			20% Contingency	\$262,350
			25% Engineering, Legal & Misc.	\$393,525
			CONSTRUCTION COSTS (2015)	\$1,967,625
			CONSTRUCTION COSTS ESCALATED TO THE MIDPOINT OF CONSTRUCTION (2018)	\$2,150,000

Sewer Extension - Phase 2				
Item	Quantity	Unit	Unit Price	Total
Gravity Sewer (green space)	7770	LF	\$120	\$932,400
Gravity Sewer (pavement)	7770	LF	\$145	\$1,126,650
Manholes	50	EA	\$4,500	\$225,000
Pumping Stations (submersible)	2	EA	\$250,000	\$500,000
Simplex Grinder Pump Stations	185	EA	\$12,000	\$2,220,000
Duplex Grinder Pump Stations	15	EA	\$15,000	\$225,000
Force Mains (green space)	12185	LF	\$50	\$609,250
Force Mains (pavement)	12185	LF	\$75	\$913,875
Gravity Lateral to Gravity Main (50 LF) (to property line)	20	EA	\$5,000	\$100,000
Connect Gravity Lateral to Gravity Main	20	EA	\$650	\$13,000
Force Main Lateral from Grinder Pump to Main Sewer (100 LF)	200	EA	\$3,000	\$600,000
Air Release Valves	8	EA	\$7,500	\$60,000
Clean Outs	25	EA	\$4,000	\$100,000
Creek Crossings	100	LF	\$245	\$24,500
Electrical Service	40	EA	\$10,000	\$400,000
Electrical Handholes	200	EA	\$1,200	\$240,000
Storm Sewer	300	LF	\$50	\$15,000
Cased Highway Crossings	1	LS	\$100,000	\$100,000
Land Acquisition	1	LS	\$125,000	\$125,000
Miscellaneous Improvements	1	LS	\$200,000	\$200,000
			Subtotal	\$8,729,675
			20% Contingency	\$1,745,935
			25% Engineering, Legal & Misc.	\$2,618,903
			CONSTRUCTION COSTS (2015)	\$13,094,513
			CONSTRUCTION COSTS ESCALATED TO THE MIDPOINT OF CONSTRUCTION (2019)	\$14,738,000

Appendix C

Unit Assessment Table

SOUTH & CENTER CHAUTAUQUA LAKE SEWER DISTRICTS - DISTRICT EXTENSION REPORT

Unit Assessment Table

TYPE	EDU ASSESSMENT
1 Single Family Residential Unit (Permanent, Seasonal, Mobile Home)	1
2 Multi-residential	1 per single family unit
3 Vacant Parcels	0 (\$100 per year)
4 Mobile Home Park	1 per mobile home unit
COMMERCIAL	
4 Apartment	1
5 Auto Body Shop	Up to 70,000 gallons per year of metered water usage = 1
6 Banks and Offices	Over 70,000 gpy = 1 + (Additional Water Usage/70,000gpy)
7 Camping Facilities (including Fairhaven Beach State Park)	
8 Gas Station	
9 Grocery Store	
10 Hotel	
11 Inn/Lodge/Tourist Home	
12 Laundromat	
13 Marina	
14 Motel	
15 Nursing Home	
16 Restaurant/Bar/Tavern	
17 Retail	
18 Warehouse	
OTHER	
19 American Legion	
20 Church	
21 Fire Department	
22 Highway Garage	
23 Library	
24 Parking Lot	
25 Post Office	
26 School	↓
27 Park (with restroom facilities)	1
28 Park (without public water)	0
28 Occupied Lot in Agricultural District	1