

Board of Warden and Burgesses
Meeting Tuesday February 21, 2023
7:00 PM – In Person
stoningtonboroughct.gov
IN PERSON AT FIRE HOUSE

MEETING AGENDA

1. Call to Order
2. Approval of Minutes: Regular meeting of 1/17/23 (V)
3. Correspondence – Attachment 1
4. Report of Clerk-Treasurer ---- election prep update
5. Review of Bills/YTD Financial Report
6. Warden’s Report (Attachment 2)
7. Commissioner Reports---(verbal summaries)
 - a. Streets and Sidewalks (Callahan)
 - b. Fire & Emergency Management (Nicholas/Hoadley)
 - c. Parks, Trees & Rights of Way (Barnes)
 - d. Public Buildings (Mastroianni)
 - e. Utilities & Sanitation (Rogers)
8. Public Comment
9. Unfinished Business
 - a. Discuss draft budget (Attachment 3)
 - b. Discuss CLA drainage feasibility study (Attachment 4)
 - c. Robin Grimsley, request to operate a hot dog stand at Point from Memorial Day to Columbus Day (V)
 - d. ARPA update (Attachment 5)
 - e. Truck traffic in the Borough
10. New Business
 - a. Consider requests to use Borough property (C) (V): PHGS, application for reserved parking spaces at 26 Main Street for fish & chips takeout, Fridays 2/24 – 4/07; Michele Crowley, application for Blessing of the Fleet 5k race, 7/27; Georgia and Mike Crowley, application for Blessing of the Fleet procession, 7/30; Sandra Alexander, application for Fifth Annual Art Walk on Water Street, 9/16; Tim Lebling, application to sell coffee on the Point, Memorial Day to Columbus Day; St Michael Parish, application for Our Lady of Fatima procession, 5/13 & 5/14.
 - b. Discuss EV charging station proposals
 - c. Consider CLA proposal to prepare bid docs for new drainage project (C, V)
 - d. Discuss new property tax appraisals
11. Other Business and Discussion
12. Adjournment (V)

(A) = Attachment (C)= Correspondence (V) = Vote required

Borough of Stonington
Board of Warden and Burgesses Regular Monthly Meeting
January 17, 2023
MINUTES

Warden Jeffrey Callahan called the monthly meeting of the Borough of Stonington Board of Warden and Burgesses to order at 7:00 p.m. The meeting was held in Borough Hall. Present in Borough Hall in addition to Warden Callahan were Burgesses Amy Nicholas, Kevin Rogers, Shaun Mastroianni, and Amanda Barnes; and Clerk-Treasurer Lisa Coleman. Approximately 12 members of the public were present.

APPROVAL OF THE MINUTES

On a motion by Burgess Barnes, seconded by Burgess Nicholas, the minutes of the regular meeting of December 19, 2022 were unanimously approved.

CORRESPONDENCE

- a. Robin Grimsley, request to operate a hot dog stand on the Point.
- b. Doug Rice, request to leave Ukraine sculpture on Wad Square.

REVIEW OF BILLS/YTD FINANCIAL REPORT

Bills for the period December 17, 2022 through January 14, 2023 totaled \$47,960.15. Bill of note was \$15,250.00 for two Scott Air Packs for the SBFD. I&E through January 14, 2023 shows total revenue to date of \$1,372,486.00, which, after an \$8,000 check from the State received today, is \$30,000 over budget; and net income to date of \$510,432.60.

WARDEN'S REPORT

1. Met with Atty Nick Kepple and Cris Palmer to discuss hearing officer position
2. Worked on annual CRS recertification and MS4 annual report
3. Managed bi-annual Borough Hall boiler safety inspection
4. Local Covid statistics: New London County cumulative deaths now total 756. State and county positivity rate about 15%
5. Attended Board of Finance meeting to present request for Town ARPA \$ for comfort station
6. Presented proclamation to Tom Rezendes
7. Began preparing FY 2023-24 budget
8. Submitted Comfort Station state bond funding request to Rep. Bumgardner

BOROUGH CLOCK -- None

STREET & SIDEWALKS COMMISSIONER REPORT --

1. Conducted monthly brush pickup.
2. Checked Harbor Edge outfall
3. Cleaned up after December 23 storm; large amounts of sand, rocks, and eelgrass on Hancox, Diving, Wall, and East Grand. Debris at Point and Wayland's Wharf
4. Rebuilt Hancox Street catch basin

Fire & Emergency Management (Nicholas/Hoadley)

SBFD responded to 19 alarms in December 2022, they were as follows:

- 1)12-6-22 2:06pm Illegal burn 256 Elm St. (burning brush with no permit)
- 2)12-6-22 3:34pm Medical assist with SAC (lift assist)
- 3)12-9-22 3:11pm Fire Alarm Activation 530 Stonington Rd. (hair spray)
- 4)12-14-22 8:08pm Fire Alarm Activation 17 Hancox St. (burnt hot dog)
- 5)12-18-22 8:30am Fire Alarm Activation 5 East Neck Rd. (burnt brisket)
- 6)12-21-22 6:14am Alarm sounding 22 Bayview Ave. Velvet mill (boiler)
- 7)12-23-22 8:01am Water Emergency 33 Elm St. (ocean water from storm)
- 8)12-23-22 8:54am Odor of gas 13 Skipper St. L.P. (gas can tipped over, storm)
- 9)12-23-22 9:28am Structure Fire 47 Lindberg Rd. L.P. (No access, storm surge)
- 10)12-23-22 10:42am Smoke detector activation 49 Trumbull Ave. (faulty head)
- 11)12-23-22 12:53pm Water Emergency 19 Elm St. (ocean water from storm)
- 12)12-23-22 2:59pm Wires down IFO 380 N. Main St. (utility wires)
- 13)12-23-22 3:01pm Wires down IFO 45 Harbor View Terrace (power lines)
- 14)12-24-22 12:34pm Tree & Wires down IFO 159-161 Wamphassuc Pt. Rd. (one lane blocked, EVERSOURCE enroute)
- 15)12-27-22 2:01am Structure Fire 55 Church St. (basement fire, mutual aid)
- 16)12-30-22 4:10pm CO Alarm Activation 111 Tipping Rock Rd. (vented house)
- 17)12-31-22 5:35am Wires Arcing 9 Skipper St. L.P. (EVERSOURCE enroute)
- 18)12-31-22 1:57pm Pole Fire IFO 203 N. Water St. (EVERSOURCE enroute)
- 19)12-31-22 6:06pm Fire Alarm Activation 28 Elm St. (burnt prime rib)

2022 Yearly Fire Department

SBFD responded to 136 Alarms in 2022, up slightly from 124 in 2021.

The breakdown of Alarms is as follows:

- Stonington Borough.....63 Alarms
- Stonington Fire District.....53 Alarms
- Lord's Point.....7 Alarms
- Wamphassuc Point.....7 Alarms
- Mutual Aid.....6 Alarms

December Police Incident Report

Not received.

Parks, Trees & Rights of Way (Barnes)

None. Burgess Nicholas inquired about when the tree on Water St is being removed. Burgess Barnes said that it is being removed by Eversource and has not been scheduled yet.

Public Buildings (Mastroianni)

None

Utilities & Sanitation (Rogers)

Five warnings were issued this month for putting garbage in uncovered containers out the night before pickup. Mr. Crandall complimented Borough residents. There are several new utility poles and additional double poles to be resolved.

PUBLIC COMMENT ---- None

UNFINISHED BUSINESS

Consider appointing ordinance enforcement hearing officer

A motion by Warden Callahan, seconded by Burgess Barnes, to appoint Richard C. Palmer, Esq. to serve as hearing officer for Borough Ordinance SBO-27, which describes the citation hearing procedure, was unanimously approved. The motion specified that the appointment ends June 30, 2024 and may be renewed; with the initial rate of compensation being \$90/hour. Tickets rather than warnings may be issued now.

Consider extending Ukraine statue installation on Wad Square

A motion by Burgess Rogers, seconded by Burgess Mastroianni, to approve Doug Rice's request to extend the Ukraine statue installation at Wad Square through the end of June 2023, was unanimously approved.

NEW BUSINESS

Consider request by Ms. Robin Grimsley to operate a hot dog cart at the Point from Memorial Day through Columbus Day.

Tabled. Ms. Grimsley will appear at the February 2023 meeting with additional information about the specific equipment she will use.

Consider revision to SBO-04, "Off Street Parking"

A motion by Warden Callahan, seconded by Burgess Nicholas, to approve a revision to SBO-04, "Off Street Parking", passed unanimously. The revision specifies that, if approved, the work must be completed within one year. It will be published in *The Day* and will go into effect after fifteen days.

Discuss Warden collateral duties

Since Warden Callahan's last term ends in May, he wanted to inform the Board of several things he does (which are not in the job description). Wad Square lighting, Clock Keeper, SCWA RAB, Waldron Williams Fund trustee, are among the tasks that will need to be assigned to members of the new Board. Warden Callahan noted that Kathryn Burchenal has offered to be Keeper of the Borough Clock.

Annual Hazard Mitigation Plan progress report

The report was included in the meeting packet and is required by the certification process. Warden Callahan briefly reviewed the report.

Truck traffic in the Borough

Large trucks becoming stuck in the Borough's narrow streets is a continuing problem. Burgesses Rogers and Nicholas are working on possible signage to warn drivers of this issue. Locations for these signs was discussed, and it was agreed that one sign should be on the viaduct. It may be possible to have a warning message appear on Google Maps or Ways. Burgess Nicholas will look into that.

OTHER BUSINESS AND DISCUSSION

Consider the date to hold the 2023 annual meeting of the Board of Warden and Burgesses

A motion by Warden Callahan, seconded by Burgess Barnes, to schedule the 2023 Annual Meeting of the Borough of Stonington on April 22nd at 10 a.m. at Borough Hall, passed unanimously.

May 1, 2023 Borough election

Clerk-Treasurer reported that the Borough elections will be held on Monday, May 1, 2023. The List of Offices to Be Filled was submitted to the SOTS office and then sent to the Borough Democratic Committee. The Democratic Committee caucused, and the Clerk Treasurer will submit the list of endorsed candidates. The deadline for petitioning candidates to request an application to be on the ballot is January 31, 2023. The Clerk Treasurer must submit the nominating petition pages to the SOTS office by Feb. 14th.

ADJOURNMENT

On a motion by Burgess Nicholas, seconded by Burgess Barnes, adjournment of the meeting at 8:09 pm, was unanimously approved.

Respectfully Submitted,
Lisa Coleman
January 22, 2023

CORRESPONDENCE – FEBRUARY 2022

RECEIVED:

PHGS, application for reserved parking spaces at 26 Main Street for Lenton fish & chips;

Michele Crowley, application for annual Blessing of the Fleet 5k Race;

G & M Crowley, application for annual Blessing of the Fleet procession;

Sandra Alexander, application for Fifth Annual Art Walk on Water Street;

Tim Lebling, application for coffee sales on the Point;

St. Michael Parish, application for annual Our Lady of Fatima processions

CLA, Drainage Systems Feasibility Study;

CLA, proposal to prepare bid docs and provide project admin for new storm water drainage system

Inovis Energy, EV charging stations proposal;

Dime Oil, Borough Hall heating oil contract for FY 2023-24

Kathryn Burchenal, email regarding keeper of the clock position

OUTGOING:

Letter to Leo Labbe regarding zelkova tree at corner of Front and Broad Streets

Borough of Stonington
Bills for Review
 January 15 through February 17, 2023

2/14/23

Name	Class	Amount
Jan 15 - Feb 17, 23		
AC/DC Industrial El...	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:509 Repairs & Maintenance	300.00
Aquarion Water Co...	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:504 Water & Sewer	18.71
Aquarion Water Co...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:314 Water & Sewer	121.77
Aquarion Water Co...	PARKS, TREES & RIGHTS OF WAY:GENERAL EXPENSES:804 Park Utilities	14.04
Aquarion Water Co...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:314 Water & Sewer	48.98
ASA Environmental...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:315 Supplies	129.50
Bartlett Tree Experts	PARKS, TREES & RIGHTS OF WAY:GENERAL EXPENSES:802 Tree Maintenance	1,087.00
Breezeline	506 Internet/Phones	402.35
Brookside Electric, I...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:317 Repairs & Maintenance	1,987.12
Bulldog Fire Appara...	FIRE DEPARTMENT:GENERAL EXPENSES:304 Maintenance of Trucks/Equip	2,673.00
Business Card	GENERAL GOVERNMENT:OFFICE:125 Telecommunications	132.90
Business Card	GENERAL GOVERNMENT:OFFICE:125 Telecommunications	132.90
Cardmember Service	GENERAL GOVERNMENT:OFFICE:125 Telecommunications	169.00
Cardmember Service	FIRE DEPARTMENT:GENERAL EXPENSES:307 Fire Marshal Equipment	800.00
Cardmember Service	GENERAL GOVERNMENT:ADMINISTRATIVE:106 Special Mailings	400.00
Cardmember Service	GENERAL GOVERNMENT:OFFICE:124 Supplies	32.65
Cardmember Service	FIRE DEPARTMENT:GENERAL EXPENSES:304 Maintenance of Trucks/Equip	629.00
Cardmember Service	GENERAL GOVERNMENT:OFFICE:129 Miscellaneous	197.69
Cardmember Service	FIRE DEPARTMENT:GENERAL EXPENSES:304 Maintenance of Trucks/Equip	1,012.00
Cardmember Service	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:317 Repairs & Maintenance	500.00
Cardmember Service	FIRE DEPARTMENT:GENERAL EXPENSES:306 Telecommunications	10.00
Cardmember Service	STREET DEPARTMENT:GENERAL:602 Equipment R&M/Upgrading	370.00
Cardmember Service	SANITATION:GENERAL EXPENSES:909 Miscellaneous	420.00
Cash True Value H...	STREET DEPARTMENT:GENERAL:605 Supplies	42.00
Cash True Value H...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:315 Supplies	141.37
CLA Engineers, Inc.	OTHER FUNDS:ARPA	5,250.00
Comcast	FIRE DEPARTMENT:GENERAL EXPENSES:306 Telecommunications	278.69
Comcast	FIRE DEPARTMENT:GENERAL EXPENSES:306 Telecommunications	278.69
Department of Envir...	BOARDS & COMMISSIONS:SHARED PZC & ZBA:222 State Conservation Fund	1,102.00
Dime Oil Company	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:502 Heating Oil	452.12
Dime Oil Company	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:502 Heating Oil	1,288.64
East Coast Sign & ...	STREET DEPARTMENT:GENERAL:610 Snow removal	195.00
Eversource	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:311 Electricity	1,454.19
Eversource	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:501 Electricity	349.34
Eversource	PARKS, TREES & RIGHTS OF WAY:GENERAL EXPENSES:804 Park Utilities	47.59
Fire Protection Test...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:317 Repairs & Maintenance	175.00
Firematic	FIRE DEPARTMENT:GENERAL EXPENSES:305 Tools & Equipment	747.50
Frontier Communic...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:316 Phone/Internet	217.51
Hastedt Brothers, L...	OTHER FUNDS:Infrastructure Reserve	5,000.00
HS Welding	STREET DEPARTMENT:GENERAL:604 Street Repairs	160.00
IIA Fire Department...	FIRE DEPARTMENT:GENERAL EXPENSES:304 Maintenance of Trucks/Equip	2,440.35
Jeffrey Hoadley	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:316 Phone/Internet	54.56
Jeffrey Hoadley	GENERAL GOVERNMENT:ADMINISTRATIVE:108 Health Insurance	968.40
JP Morgan Chase B...	GENERAL GOVERNMENT:TAX COLLECTOR:145 Tax Refunds	44.37
Lawrence + Memori...	FIRE DEPARTMENT:PERSONNEL EXPENSES:342 Medical	86.00
Lawrence + Memori...	FIRE DEPARTMENT:PERSONNEL EXPENSES:342 Medical	125.00
LISA COLEMAN	GENERAL GOVERNMENT:OFFICE:123 Postage	8.13
Mastro Electric Sup...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:315 Supplies	15.68
Mastro Electric Sup...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:317 Repairs & Maintenance	47.04
MES/Shipman's Fir...	FIRE DEPARTMENT:GENERAL EXPENSES:304 Maintenance of Trucks/Equip	53.31
MES/Shipman's Fir...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:317 Repairs & Maintenance	133.10
MES/Shipman's Fir...	FIRE DEPARTMENT:GENERAL EXPENSES:305 Tools & Equipment	550.98
MES/Shipman's Fir...	FIRE DEPARTMENT:GENERAL EXPENSES:305 Tools & Equipment	1,368.00
MES/Shipman's Fir...	FIRE DEPARTMENT:GENERAL EXPENSES:304 Maintenance of Trucks/Equip	87.00
MES/Shipman's Fir...	FIRE DEPARTMENT:GENERAL EXPENSES:307 Fire Marshal Equipment	25.00
New England Assoc...	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:509 Repairs & Maintenance	1,057.20
New England Mech...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:317 Repairs & Maintenance	158.00
New England Mech...	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:317 Repairs & Maintenance	253.00
New England Mech...	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:509 Repairs & Maintenance	413.00
Poster Compliance ...	FIRE DEPARTMENT:GENERAL EXPENSES:309 Miscellaneous	67.95
Principal Life Insura...	GENERAL GOVERNMENT:ADMINISTRATIVE:108 Health Insurance	434.24
Stonington Borough...	FIRE DEPARTMENT:GENERAL EXPENSES:305 Tools & Equipment	238.79
The Day Publishing ...	BOARDS & COMMISSIONS:PLANNING & ZONING COMMISSION:201 Legal Notices	196.24
The Day Publishing ...	GENERAL GOVERNMENT:OFFICE:121 Legal Notices	330.00
Theresa A Hersh	GENERAL GOVERNMENT:ADMINISTRATIVE:110 Travel reimbursement	207.09
Thomson Reuters - ...	BOARDS & COMMISSIONS:PLANNING & ZONING COMMISSION:203 Books & Training	306.00
Town of Stonington	STREET DEPARTMENT:GENERAL:610 Snow removal	159.70

Borough of Stonington
Bills for Review
January 15 through February 17, 2023

1/14/23

Name	Class	Amount
		257.27
Town of Stonington	STREET DEPARTMENT:GENERAL:601 Gas & Oil	586.44
Town of Stonington	FIRE DEPARTMENT:GENERAL EXPENSES:301 Fuel	57.78
Town of Stonington	BOROUGH HALL/HWY GARAGE:GENERAL EXPENSES:504 Water & Sewer	70.62
Town of Stonington	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:314 Water & Sewer	223.61
Town of Stonington	STREET DEPARTMENT:GENERAL:601 Gas & Oil	95.16
Town of Stonington	FIRE DEPARTMENT:GENERAL EXPENSES:301 Fuel	707.82
Uncas Gas	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:312 Propane	637.82
Uncas Gas	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:312 Propane	665.81
Uncas Gas	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:312 Propane	453.28
Uncas Gas	FIRE DEPARTMENT:FIREHOUSE - 100 MAIN STREET:312 Propane	4,577.18
United Healthcare	GENERAL GOVERNMENT:ADMINISTRATIVE:108 Health Insurance	53.05
Wex Bank	STREET DEPARTMENT:GENERAL:601 Gas & Oil	46,982.22
		<u>46,982.22</u>

Jan 15 - Feb 17, 23

Borough of Stonington
Income & Expenses Budget vs. Actual
July 1, 2022 through February 17, 2023

	Jul 1, '22 - Feb 17, 23	Budget	\$ Over Budget
Ordinary Income/Expense			
Income			
GRANTS & REIMBURSEMENTS			
1 Town of Stonington	208,084.00	208,084.00	0.00
2 State of Connecticut			
LoCIP	0.00	1,000.00	-1,000.00
2 State of Connecticut - Other	16,853.51	10,000.00	6,853.51
Total 2 State of Connecticut	<u>16,853.51</u>	<u>11,000.00</u>	<u>5,853.51</u>
Total GRANTS & REIMBURSEMENTS	224,937.51	219,084.00	5,853.51
FIRE PROTECTION FEES			
21 Stonington Fire District	67,161.00	68,000.00	-839.00
22 Wamphassuc	29,342.00	29,500.00	-158.00
23 Lord's Point	27,514.00	28,000.00	-486.00
Total FIRE PROTECTION FEES	<u>124,017.00</u>	<u>125,500.00</u>	<u>-1,483.00</u>
OTHER INCOME			
61 Planning & Zoning Fees, Etc.	4,212.00	4,000.00	212.00
62 Interest on Investments	635.77	1,000.00	-364.23
65 Telephone Property Tax	0.00	600.00	-600.00
69 Miscellaneous	2,317.48	2,000.00	317.48
Total OTHER INCOME	<u>7,165.25</u>	<u>7,600.00</u>	<u>-434.75</u>
PROPERTY TAXES			
81-Real Estate	939,505.34	912,166.00	27,339.34
Total PROPERTY TAXES	<u>939,505.34</u>	<u>912,166.00</u>	<u>27,339.34</u>
RESERVE TRANSFER			
91 Acc Rev Fund Bal Des Budget	88,136.00	88,136.00	0.00
Total RESERVE TRANSFER	<u>88,136.00</u>	<u>88,136.00</u>	<u>0.00</u>
Total Income	<u>1,383,761.10</u>	<u>1,352,486.00</u>	<u>31,275.10</u>
Gross Profit	1,383,761.10	1,352,486.00	31,275.10
Expense			
GENERAL FUND OPERATING EXPENSE			
GENERAL GOVERNMENT			
Administrative			
101 Audit	29,801.25	23,000.00	6,801.25
103 Election	0.00	5,000.00	-5,000.00
104 Insurance			
CIRMA LAP	19,800.00	20,500.00	-700.00
Worker's Comp (CIRMA)	20,610.00	22,000.00	-1,390.00
Total 104 Insurance	<u>40,410.00</u>	<u>42,500.00</u>	<u>-2,090.00</u>
105 Professional Services	9,436.80	25,000.00	-15,563.20
106 Special Mailings	400.00	1,000.00	-600.00
107 Community Affairs	800.00	1,600.00	-800.00
108 Health Insurance	37,438.66	55,000.00	-17,561.34
109 H. INS., HSA Contribution	6,000.00	8,000.00	-2,000.00
110 Travel Reimbursement	303.81	500.00	-196.19
Total Administrative	<u>124,590.52</u>	<u>161,600.00</u>	<u>-37,009.48</u>
Office			
121 Legal Notices	1,534.60	1,500.00	34.60
122 Equipment R&M/Upgrading	0.00	5,000.00	-5,000.00
123 Postage	143.13	2,000.00	-1,856.87
124 Supplies	1,005.07	1,000.00	5.07
125 Technology	2,662.89	4,000.00	-1,337.11
126 Bank Fees	711.89	600.00	111.89

Borough of Stonington
Income & Expenses Budget vs. Actual
July 1, 2022 through February 17, 2023

	Jul 1, '22 - Feb 17, 23	Budget	\$ Over Budget
129 Miscellaneous	597.29	1,000.00	-402.71
130 Administrative Assistant	25,519.23	39,000.00	-13,480.77
Total Office	32,174.10	54,100.00	-21,925.90
Tax Collector			
141 Legal Notices	0.00	100.00	-100.00
142 Liens	0.00	100.00	-100.00
143 Postage	70.00	100.00	-30.00
144 Collection Expenses	0.00	5,000.00	-5,000.00
145 Tax Refunds	342.22	500.00	-157.78
Total Tax Collector	412.22	5,800.00	-5,387.78
Salaries			
161 Assessor	875.00	1,500.00	-625.00
162 Burgesses	3,500.00	6,000.00	-2,500.00
163 Clerk-Treasurer	2,333.31	4,000.00	-1,666.69
165 Warden	8,750.00	15,000.00	-6,250.00
168 Payroll Taxes	17,407.95	27,196.00	-9,788.05
169 Direct Deposit Fees	150.31	300.00	-149.69
170 Commissioner Stipends	1,166.48	2,000.00	-833.52
Total Salaries	34,183.05	55,996.00	-21,812.95
Contributions			
191 Stonington Free Library	25,000.00	25,000.00	0.00
192 Stonington Ambulance	10,000.00	10,000.00	0.00
193 seCTer	341.60	350.00	-8.40
194 SE CT Council of Government	537.00	540.00	-3.00
195 CT Conf of Municipalities	1,000.00	1,000.00	0.00
196 Bicent/July 4th	0.00	2,000.00	-2,000.00
197 Stonington COMO	5,000.00	5,000.00	0.00
Total Contributions	41,878.60	43,890.00	-2,011.40
Total GENERAL GOVERNMENT	233,238.49	321,386.00	-88,147.51
BOARDS & COMMISSIONS			
Planning & Zoning Commission			
201 Legal Notices	196.24	1,500.00	-1,303.76
202 Printing	0.00	500.00	-500.00
203 Books & Training	306.00	400.00	-94.00
205 Prof Services - Legal	2,890.00	5,000.00	-2,110.00
206 Prof Svcs- Planner/Engineer	938.47	5,000.00	-4,061.53
Total Planning & Zoning Commission	4,330.71	12,400.00	-8,069.29
Shared PZC & ZBA			
221 Postage	0.00	500.00	-500.00
222 State Conservation Fund	2,726.00	1,500.00	1,226.00
257 Zoning Officer Salary	10,208.31	17,500.00	-7,291.69
259 Miscellaneous/Office	52.92	1,000.00	-947.08
Total Shared PZC & ZBA	12,987.23	20,500.00	-7,512.77
Zoning Board of Appeals			
241 Legal Notices	1,282.80	1,000.00	282.80
242 Books & Training	0.00	100.00	-100.00
243 Prof Services - Legal	3,278.20	2,500.00	778.20
Total Zoning Board of Appeals	4,561.00	3,600.00	961.00
Total BOARDS & COMMISSIONS	21,878.94	36,500.00	-14,621.06
FIRE DEPARTMENT			
Operating Expenses			
301 Fuel	1,720.18	2,500.00	-779.82
302 Maintenance of Alarms	0.00	500.00	-500.00
303 Maintenance of Radios	0.00	1,000.00	-1,000.00

Borough of Stonington
Income & Expenses Budget vs. Actual
July 1, 2022 through February 17, 2023

	Jul 1, '22 - Feb 17, 23	Budget	\$ Over Budget
304 Maintenance Trucks & Equip	18,117.54	25,000.00	-6,882.46
305 New Tools & Equipment	9,349.90	20,000.00	-10,650.10
306 Telecommunications	1,514.31	4,000.00	-2,485.69
307 Fire Marshal Expenses	1,527.74	2,000.00	-472.26
309 Miscellaneous	815.95	1,000.00	-184.05
310 Fire Truck Leases	0.00	30,000.00	-30,000.00
Total Operating Expenses	33,045.62	86,000.00	-52,954.38
Firehouse - 100 Main Street			
311 Electricity	7,334.11	12,000.00	-4,665.89
312 Propane	6,641.72	14,000.00	-7,358.28
314 Water & Sewer	1,271.55	2,000.00	-728.45
315 Supplies	1,548.42	2,500.00	-951.58
316 Phone/Internet	5,302.75	6,000.00	-697.25
317 Repairs & Maintenance	12,173.45	20,000.00	-7,826.55
566 Janitorial - Firehouse	3,410.00	6,000.00	-2,590.00
Total Firehouse - 100 Main Street	37,682.00	62,500.00	-24,818.00
Insurance			
321 Accidental Death	2,262.40	3,000.00	-737.60
324 LAP-Liability/Auto/Prop	30,027.00	32,000.00	-1,973.00
Total Insurance	32,289.40	35,000.00	-2,710.60
Personnel Expenses			
341 Companies & Department	7,500.00	10,000.00	-2,500.00
342 Medical	3,050.00	8,000.00	-4,950.00
343 Length of Service Program	36,459.00	40,000.00	-3,541.00
344 Training	599.50	2,000.00	-1,400.50
345 Uniforms	752.13	2,500.00	-1,747.87
346 Pay-per-Call Incentive Prog	6,663.29	16,000.00	-9,336.71
347 Deferred Compensation	5,100.00	10,000.00	-4,900.00
Total Personnel Expenses	60,123.92	88,500.00	-28,376.08
Salaries			
361 Chief	63,942.20	95,000.00	-31,057.80
362 Deputy Chief	5,833.31	10,000.00	-4,166.69
363 Assistant Chief	0.00	1,000.00	-1,000.00
364 Fire Marshal	7,403.90	11,000.00	-3,596.10
365 Company Officers	2,152.50	6,000.00	-3,847.50
366 Station Coverage	1,000.00	2,000.00	-1,000.00
Total Salaries	80,331.91	125,000.00	-44,668.09
Total FIRE DEPARTMENT	243,472.85	397,000.00	-153,527.15
HYDRANTS			
401 Rental of Hydrants & Pipe	29,906.38	51,000.00	-21,093.62
Total HYDRANTS	29,906.38	51,000.00	-21,093.62
BOROUGH HALL - 26 CHURCH ST			
Borough Hall/Highway Garage			
501 Electricity	1,871.78	2,500.00	-628.22
502 Heating Oil	3,281.05	4,000.00	-718.95
504 Water & Sewer	232.22	300.00	-67.78
505 Supplies	792.84	1,500.00	-707.16
506 Internet/Phones	3,154.34	6,000.00	-2,845.66
509 Repairs & Maintenance	6,172.64	10,000.00	-3,827.36
Borough Hall/Highway Garage - Other	70.51	0.00	70.51
Total Borough Hall/Highway Garage	15,575.38	24,300.00	-8,724.62
Salaries			
565 Janitorial - Borough Hall	1,595.00	4,500.00	-2,905.00

Borough of Stonington
Income & Expenses Budget vs. Actual
July 1, 2022 through February 17, 2023

	Jul 1, '22 - Feb 17, 23	Budget	\$ Over Budget
Total Salaries	1,595.00	4,500.00	-2,905.00
Total BOROUGH HALL - 26 CHURCH ST	17,170.38	28,800.00	-11,629.62
STREET DEPARTMENT			
General			
601 Gas & Oil	2,587.90	3,000.00	-412.10
602 EQUIP. R&M/Upgrading/SIGNS	4,013.49	8,000.00	-3,986.51
604 Street Repairs	1,167.79	5,000.00	-3,832.21
605 Supplies	4,220.46	7,000.00	-2,779.54
610 Snow Removal	1,023.76	20,000.00	-18,976.24
611 Sidewalk Repairs	0.00	10,000.00	-10,000.00
612 Stormwater Management	7,026.55	15,000.00	-7,973.45
Total General	20,039.95	68,000.00	-47,960.05
Wages & Salaries			
656 Labor - Regular	72,816.80	116,000.00	-43,183.20
657 Labor - Overtime	2,536.02	17,000.00	-14,463.98
658 Labor - Temporary	5,872.50	8,000.00	-2,127.50
666 Deferred Comp Matching	1,530.00	3,000.00	-1,470.00
667 Street Commissioner	3,791.69	6,500.00	-2,708.31
Total Wages & Salaries	86,547.01	150,500.00	-63,952.99
Total STREET DEPARTMENT	106,586.96	218,500.00	-111,913.04
PARKS, TREES, & RIGHTS OF WAY			
General Expenses			
801 Grounds Maintenance	543.42	5,000.00	-4,456.58
802 Tree Maintenance	30,471.00	20,000.00	10,471.00
804 Park Utilities	419.32	800.00	-380.68
805 Signs, Surveys & ROW	0.00	2,000.00	-2,000.00
Total General Expenses	31,433.74	27,800.00	3,633.74
Total PARKS, TREES, & RIGHTS OF WAY	31,433.74	27,800.00	3,633.74
SANITATION			
General Expenses			
909 Miscellaneous	2,307.50	4,000.00	-1,692.50
Total General Expenses	2,307.50	4,000.00	-1,692.50
Total SANITATION	2,307.50	4,000.00	-1,692.50
CONTINGENCY EXPENSE			
1301 Contingency	0.00	20,000.00	-20,000.00
Total CONTINGENCY EXPENSE	0.00	20,000.00	-20,000.00
Total GENERAL FUND OPERATING EXPENSE	685,995.24	1,104,986.00	-418,990.76
Payroll Expenses	1,840.00	0.00	1,840.00
SPECIAL REVENUE & TRUST FUNDS			
1501 Deposits to Funds	247,500.00	247,500.00	0.00
Total SPECIAL REVENUE & TRUST FUNDS	247,500.00	247,500.00	0.00
Total Expense	935,335.24	1,352,486.00	-417,150.76
Net Ordinary Income	448,425.86	0.00	448,425.86
Net Income	<u>448,425.86</u>	<u>0.00</u>	<u>448,425.86</u>

**BOROUGH ACCOUNTS
AS OF FEBRUARY 17, 2023**

General Fund Balance:	\$989,982.70
Dime Bank Checking	\$1,437,553.69
Due to/from Other Funds (Details Below)	\$447,570.99 **
 ARPA:	 \$128,785.07 *
 Cannon Fund:	 \$3,828.33
Due from General Fund	\$3,828.33
 Capital & Nonrecurring Fund Balance:	 \$70,906.63 ***
Due from General Fund	\$70,906.63
 Fire Dept. Major Expense Balance:	 \$85,025.84
Due from General Fund	\$85,025.84
 Clock Fund Balance:	 \$599.36
Due from General Fund	\$599.36
 Infrastructure Reserve Fund Balance:	 \$120,843.55
Due to General Fund	\$120,843.55
 LoCip Fund Balance:	 \$5,959.00
Available from State of Connecticut	\$5,959.00
 Robinson Burial Ground Fund:	 \$725.35
Due from General Fund	\$725.35
 Wadawanuck Square Fund:	 \$372.00
Due from General Fund	\$372.00
 Wayland's Wharf Fund Balance:	 \$36,484.86
Due from General Fund	\$36,484.86

***Capital & Nonrecurring Accounts:	
Building Fund	\$47,515.00
Truck Fund	\$23,392.00
TOTAL	\$70,907.00

***UNCOMMITTED BALANCE:**
\$ 105,838.32

**Due to Other Funds:	
ARPA	\$128,785.07
Capital & Nonrecurring	\$70,906.63
Fire Dept. Major Expense	\$85,025.84
Clock fund	\$599.36
Infrastructure Reserve	\$120,843.55
Wayland's Wharf	\$36,484.86
Wadawanuck Square Fund	\$372.00
Robinson Burial Ground	\$725.35
Cannon Fund	\$3,828.33
TOTAL	\$447,570.99

WARDEN'S REPORT – February 21, 2023 (2.08.2023)

1. Signed contract with Dime Oil for 2023-24 heating season
2. Submitted annual CRS recertification package
3. Attended monthly Town Department Head meeting
4. Local Covid statistics: New London County cumulative deaths now total 765. State positivity rate about 7.5%; New London County positivity rate about 9.7%
5. Met with Leo Labbe regarding zelkova tree at corner of Front and Broad Streets
6. Attended monthly SCCOG meeting
7. Continued working on FY 2023-24 budget

BOROUGH CLOCK -- None

STREET & SIDEWALKS COMMISSIONER REPORT –

1. Conducted monthly brush pickup.
2. Checked Harbor Edge outfall
3. Painted Borough Hall lobby
4. Filled pot holes

13-Feb-23

BOROUGH OF STONINGTON
 DRAFT FY 2023-24 BUDGET
 Feb-23

DRAFT
 2023-24 | **NOTES**

ACTUAL **ACTUAL** **ACTUAL** **ACTUAL** **ADOPTED**
 2018-19 2019-20 2020-21 2021-22 2022-23

INCOME

GRANTS & REIMBURSEMENTS

1	Town of Stonington	\$ 192,950	\$ 206,885	\$ 267,828	\$ 251,583	\$ 208,084	\$ 287,260
2	State of Connecticut	\$ 15,246	\$ 15,187	\$ 15,204	\$ 15,013	\$ 10,000	\$ 15,000
3	FEMA Reimbursements	\$ -	\$ 14,000	\$ 1,000	\$ -	\$ 1,000	\$ 1,000
4	LoCIP	\$ -	\$ 236,072	\$ 284,032	\$ 266,596	\$ 219,084	\$ 303,260
	TOTAL						

FIRE PROTECTION FEES

21	Stonington Fire District	\$ 63,965	\$ 65,564	\$ 67,203	\$ 68,883	\$ 68,000	\$ 68,000
22	Wamphassuc	\$ 27,945	\$ 28,644	\$ 29,360	\$ 30,094	\$ 29,500	\$ 29,500
23	Lord's Point	\$ 26,003	\$ 26,861	\$ 27,532	\$ 28,220	\$ 28,000	\$ 28,000
	TOTAL	\$ 117,913	\$ 121,069	\$ 124,095	\$ 127,197	\$ 125,500	\$ 125,500

OTHER INCOME

61	Permits and Fees	\$ 4,715	\$ 6,655	\$ 5,820	\$ 3,775	\$ 4,000	\$ 4,000
62	Interest on Investments	\$ 1,860	\$ 1,862	\$ 945	\$ 930	\$ 1,000	\$ 1,000
64	Sale of Assets	\$ 1,000	\$ 50	\$ 663	\$ 671	\$ 600	\$ 600
65	Telephone Property Tax	\$ 610	\$ 621	\$ 8,272	\$ 6,594	\$ 2,000	\$ 1,000
69	Miscellaneous	\$ 3,706	\$ 3,286	\$ 8,272	\$ 6,594	\$ 2,000	\$ 1,000
	TOTAL	\$ 11,891	\$ 12,474	\$ 15,700	\$ 11,970	\$ 7,600	\$ 6,600

PROPERTY TAXES

81	Property Taxes	\$ 878,152	\$ 918,244	\$ 924,193	\$ 932,149	\$ 912,166	\$ 912,166
	TOTAL	\$ 878,152	\$ 918,244	\$ 924,193	\$ 932,149	\$ 912,166	\$ 912,166

ACCUMULATED REVENUE FUND

91	Designated Balance	\$ 69,390	\$ 44,323	\$ 95,027	\$ -	\$ 88,136	\$ 435,360
	TOTAL REVENUE	\$ 1,285,542	\$ 1,332,182	\$ 1,443,047	\$ 1,337,912	\$ 1,352,486	\$ 435,360

ATT 3

	ACTUAL 2018-19	ACTUAL 2019-20	ACTUAL 2020-21	ACTUAL 2021-22	ADOPTED 2022-23	DRAFT 2023-24	NOTES
--	-------------------	-------------------	-------------------	-------------------	--------------------	------------------	-------

PROPERTY TAX CALCULATION:

NET ASSESSMENT:	\$ 295,677,696	\$ 299,248,940	\$ 300,960,577	\$ 300,884,639	\$ 305,583,110	\$ 446,710,294	ESTIMATE
MIL RATE	0.0029	0.003	0.003	0.003	0.003	0.003	
GRAND LEVY	\$ 857,465	\$ 897,747	\$ 902,882	\$ 902,654	\$ 916,749	\$ 912,166	
RATE OF COLLECTIONS	0.995	0.995	0.95	0.98	0.995	0.995	
PROJECTED COLLECTIONS	\$ 853,178	\$ 893,258	\$ 857,738	\$ 884,601	\$ 912,166	\$ 912,166	

ORDINARY EXPENDITURES

GENERAL GOVERNMENT

ADMINISTRATIVE

101 Au dit & Accountant	\$ 25,015	\$ 20,366	\$ 21,012	\$ 23,506	\$ 23,000	\$ 25,000	
103 Election	\$ 3,751	\$ -	\$ 4,611	\$ -	\$ 5,000	\$ -	
104 Insurance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Surety Bonds	\$ 235	\$ -	\$ -	\$ -	\$ -	\$ 21,000	
CIRMA LAP-Liabil, Auto & Prop	\$ 18,424	\$ 17,870	\$ 17,870	\$ 20,827	\$ 20,500	\$ 21,000	
CIRMA Workers Comp	\$ 26,226	\$ 22,347	\$ 21,187	\$ 20,613	\$ 22,000	\$ 21,000	
Other Insurance	\$ -	\$ -	\$ 1,027	\$ -	\$ -	\$ -	
105 Professional Services	\$ 6,000	\$ 5,695	\$ 11,575	\$ 16,023	\$ 25,000	\$ 25,000	
106 Special Mailings	\$ 31	\$ -	\$ -	\$ 1,221	\$ 1,000	\$ 1,000	
107 Community Affairs	\$ 600	\$ 600	\$ 1,449	\$ 1,234	\$ 1,600	\$ 1,600	
108 Health Insurance	\$ 62,419	\$ 72,867	\$ 44,449	\$ 38,299	\$ 55,000	\$ 60,000	
109 HSA Contrib/Deductible	\$ 10,000	\$ 5,632	\$ 4,153	\$ 5,030	\$ 8,000	\$ 8,000	
110 Travel Reimbursement	\$ 2,470	\$ 572	\$ 43	\$ 435	\$ 500	\$ 500	New
111 Ordinance Enforcement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000	
OFFICE							
121 Legal Notices	\$ 1,537	\$ 747	\$ 1,915	\$ 107	\$ 1,500	\$ 2,500	
122 Equipment R&M/Upgrade	\$ 3,226	\$ 879	\$ 2,358	\$ 1,030	\$ 5,000	\$ 5,000	
123 Postage	\$ 1,164	\$ 1,578	\$ 1,046	\$ 614	\$ 2,000	\$ 2,000	
124 Supplies	\$ 1,285	\$ 686	\$ 1,022	\$ 1,679	\$ 1,000	\$ 1,500	
125 Technology	\$ 2,739	\$ 4,183	\$ 5,776	\$ 7,868	\$ 4,000	\$ 5,000	

	ACTUAL				ACTUAL		ACTUAL		ADOPTED		DRAFT	
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2023-24	2023-24	2022-23	2023-24	2023-24	NOTES
126 Bank Fees	\$ 1,002	\$ 839	\$ 1,270	\$ 1,233	\$ 600	\$ 600						600
129 Miscellaneous	\$ 155	\$ 2,105	\$ 972	\$ 539	\$ 1,000	\$ 2,000						2,000
130 Admin. Assistant Salary	\$ 35,118	\$ 35,875	\$ 26,832	\$ 30,450	\$ 39,000	\$ 42,000						42,000
TAX COLLECTION												
141 Legal Notices	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100						100
142 Liens	\$ 40	\$ 30	\$ 20	\$ 20	\$ 100	\$ 100						100
143 Postage	\$ -	\$ -	\$ -	\$ -	\$ 100	\$ 200						200
144 Collection Expenses	\$ 4,204	\$ 4,094	\$ 3,490	\$ 3,184	\$ 5,000	\$ 5,000						5,000
145 Tax Refunds	\$ 298	\$ 226	\$ 231	\$ 1,101	\$ 500	\$ 500						500
149 Miscellaneous			\$ 396									
SALARIES OF OFFICIALS												
161 Assessor	\$ 720	\$ 720	\$ 660	\$ 1,500	\$ 1,500	\$ 1,500						1,500
162 Burgesses	\$ 3,650	\$ 3,575	\$ 2,650	\$ 6,000	\$ 6,000	\$ 8,000						8,000
163 Clerk-Treasurer	\$ 3,000	\$ 3,000	\$ 3,688	\$ 4,000	\$ 4,000	\$ 4,000						4,000
165 Warden	\$ 10,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000						15,000
168 Payroll Taxes - For All Depts	\$ 27,255	\$ 28,021	\$ 26,322	\$ 27,841	\$ 27,196	\$ 29,552						29,552
Employee Bonus	\$ 4,500	\$ -	\$ -	\$ -	\$ -	\$ -						-
169 Direct Deposit Fees				\$ 126	\$ 300	\$ 200						200
170 Commissioner Stipends	\$ 4,354	\$ 3,520	\$ 2,708	\$ 2,000	\$ 2,000	\$ 2,000						2,000
CONTRIBUTIONS												
191 Stonington Free Library	\$ 24,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 27,500						27,500
192 Stonington Ambulance	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000						10,000
193 SeCTer	\$ 325	\$ 325	\$ 325	\$ 325	\$ 350	\$ 440						440
194 SECT Council of Governments	\$ 511	\$ 511	\$ 511	\$ 511	\$ 540	\$ 540						540
195 CT Conference of Municipalities:	\$ -	\$ 1,500	\$ 1,000	\$ -	\$ 1,000	\$ 1,000						1,000
196 July Fourth Parade	\$ -	\$ 1,500	\$ 3,000	\$ 1,850	\$ 2,000	\$ 2,000						2,000
197 Stonington COMO	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000						5,000
198 Cultural Coalition						\$ 500						500
TOTAL GEN GOVERNMENT	\$ 294,254	\$ 284,863	\$ 263,548	\$ 274,163	\$ 321,386	\$ 338,832						

DRAFT
2023-24
NOTES

ACTUAL ACTUAL ACTUAL ACTUAL ADOPTED

2018-19 2019-20 2020-21 2021-22 2022-23

BOARDS AND COMMISSIONS

PLANNING & ZONING

201 Legal Notices	\$ 857	\$ 1,711	\$ 489	\$ -	\$ 1,500	\$ 1,500
202 Printing	-	\$ 715	-	\$ 220	\$ 500	\$ 500
203 Books & Training	-	-	-	\$ 267	\$ 400	\$ 400
205 Professional Services-Legal	-	\$ 3,250	-	-	\$ 5,000	\$ 5,000
206 Prof. Services-Planner/Engineer	-	\$ 289	\$ 1,544	\$ 1,263	\$ 5,000	\$ 5,000
207 CRS Prof. Services	-	-	-	-	\$ -	\$ 15,000

SHARED PZC & ZBA

221 Postage	\$ -	\$ 385	\$ 162	\$ 202	\$ 500	\$ 500
222 State Conservation Fund	\$ 1,682	\$ 2,784	\$ 3,190	\$ 1,566	\$ 1,500	\$ 2,000
257 Zoning Officer Salary	\$ 15,000	\$ 16,656	\$ 15,375	\$ 17,458	\$ 17,500	\$ 20,000
259 Miscellaneous/Office	\$ 554	\$ 1,053	\$ 462	\$ 140	\$ 1,000	\$ 1,000

ZONING BOARD OF APPEALS

241 Legal Notices	\$ 167	\$ 205	\$ -	\$ 2,417	\$ 1,000	\$ 1,500
242 Books & Training	\$ -	\$ -	\$ -	\$ -	\$ 100	\$ 100
243 Professional Services-Legal	\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ 5,000
TOTAL BOARDS & COMMISS	\$ 18,260	\$ 27,048	\$ 21,222	\$ 23,533	\$ 36,500	\$ 57,500

FIRE DEPARTMENT

GENERAL EXPENSES

301 Fuel	\$ 2,016	\$ 3,039	\$ 975	\$ 1,418	\$ 2,500	\$ 2,500
302 Maintenance of Alarms	\$ 6,325	\$ 4,862	\$ 545	\$ -	\$ 500	\$ 500
303 Maintenance of Radios	\$ 2,768	\$ 1,028	\$ 1,195	\$ 1,282	\$ 1,000	\$ 1,000
304 Maintenance of Trucks & Equip	\$ 25,640	\$ 20,393	\$ 26,121	\$ 18,476	\$ 25,000	\$ 25,000
305 New Tools & Equipment	\$ 25,307	\$ 29,142	\$ 35,980	\$ 21,659	\$ 20,000	\$ 20,000
306 Telecommunications	\$ 8,851	\$ 7,926	\$ 8,213	\$ 8,024	\$ 4,000	\$ 4,000
307 Fire Marshal Expenses	\$ 2,773	\$ 2,242	\$ 1,733	\$ 1,405	\$ 2,000	\$ 3,000
309 Miscellaneous	\$ 99	\$ 33	\$ 1,614	\$ 671	\$ 1,000	\$ 1,500
310 Fire Truck Leases	\$ 20,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

FIREHOUSE – 100 MAIN STREET

311 Electricity	\$ 10,823	\$ 11,400	\$ 12,600	\$ 10,218	\$ 12,000	\$ 14,000
312 Propane	\$ 12,013	\$ 9,744	\$ 11,523	\$ 15,436	\$ 14,000	\$ 15,000
314 Water & Sewer	\$ 2,239	\$ 2,191	\$ 2,169	\$ 2,051	\$ 2,000	\$ 2,000
315 Supplies	\$ 2,354	\$ 1,490	\$ 1,351	\$ 2,114	\$ 2,500	\$ 3,000
316 Phone/Internet					\$ 6,000	\$ 7,000
317 Repairs & Maintenance	\$ 20,314	\$ 30,023	\$ 37,991	\$ 13,343	\$ 20,000	\$ 20,000
566 Janitorial Service	\$ 5,500	\$ 4,925	\$ 5,390	\$ 5,775	\$ 6,000	\$ 7,000

INSURANCE

321 Life/Accidental Death Insuranc	\$ 2,255	\$ 2,201	\$ 937	\$ 6,473	\$ 3,000	\$ 3,000
324 LAP-Liability, Auto & Property	\$ 27,779	\$ 28,916	\$ 29,157	\$ 30,392	\$ 32,000	\$ 32,000

PERSONNEL EXPENSES

341 Company & Department	\$ 10,000	\$ 11,250	\$ 11,172	\$ 10,000	\$ 10,000	\$ 10,000
342 Medical/NFPA Physicals	\$ 485	\$ 8,403	\$ 5,177	\$ 3,907	\$ 8,000	\$ 6,000
343 Length of Service Program	\$ 21,112	\$ 24,734	\$ 32,393	\$ 33,063	\$ 40,000	\$ 50,000
344 Training	\$ 2,842	\$ 2,921	\$ 1,290	\$ 2,601	\$ 2,000	\$ 2,000
345 Uniforms	\$ 2,595	\$ 2,072	\$ 890	\$ 3,263	\$ 2,500	\$ 2,500
346 Pay-per-Call Incentive Prog.	\$ 14,996	\$ 14,997	\$ 14,997	\$ 14,998	\$ 16,000	\$ 20,000
347 Deferred Comp Match	\$ 3,600	\$ 5,400	\$ 6,275	\$ 7,875	\$ 10,000	\$ 10,000

SALARIES

361 Chief	\$ 86,635	\$ 90,476	\$ 91,833	\$ 91,484	\$ 95,000	\$ 99,750
362 Deputy Chief	\$ 9,000	\$ 9,994	\$ 9,363	\$ 10,000	\$ 10,000	\$ 10,500
363 Assistant Chief	\$ 4,700	\$ 6,500	\$ 1,015	\$ -	\$ 1,000	\$ 1,000
364 Fire Marshal	\$ 10,192	\$ 10,644	\$ 10,804	\$ 10,404	\$ 11,000	\$ 11,550
365 Company Officers	\$ 5,038	\$ 5,530	\$ 5,688	\$ 4,305	\$ 6,000	\$ 6,000
366 Station Coverage					\$ 2,000	\$ 300

TOTAL FIRE DEPARTMENT

	\$ 348,251	\$ 382,476	\$ 398,391	\$ 360,636	\$ 397,000	\$ 420,100
401 Rental of Hydrants & Pipes	\$ 53,207	\$ 42,364	\$ 51,631	\$ 44,940	\$ 51,000	\$ 55,000

PUBLIC BUILDINGS (Firehouse included in Fire Department)

BOROUGH HALL/GARAGE - 26 CHURCH STREET	
501 Electricity	\$ 2,214
502 Heating Oil	\$ 5,282
503 Prop. Insurance - line 324	\$ -
504 Water & Sewer	\$ 450
505 Supplies	\$ 674
506 Internet/Phones	\$ 4,854
509 Repairs & Maintenance	\$ 4,281
565 Janitorial-Borough Hall	\$ 4,281
TOTAL BOROUGH HALL	\$ 17,755

STREET DEPARTMENT

GENERAL	
601 Gas & Oil	\$ 3,706
602 Equipment R&M/Upgrading	\$ 5,570
604 Street Repairs/Signs	\$ 4,985
605 Supplies	\$ 3,603
609 Telephone	\$ 1,887
610 Snow Removal	\$ 4,413
611 Sidewalk Repairs	\$ 7,094
612 Stormwater Management	\$ 6,228
WAGES & STIPEND	
656 Labor - Regular	\$ 120,823
657 Labor - Overtime	\$ 22,670
658 Labor - Temporary	\$ 3,695
666 Deferred Comp Match	\$ 4,255
667 Street Commissioner	\$ 5,167
TOTAL STREET DEPARTMENT	\$ 194,096

	\$ 2,409	\$ 5,811	\$ 1,791	\$ 2,490	\$ 3,000	\$ 4,000
	\$ 2,409	\$ 5,811	\$ 2,804	\$ 9,449	\$ 8,000	\$ 8,000
	\$ 4,042	\$ 4,042	\$ 3,753	\$ 1,539	\$ 5,000	\$ 5,000
	\$ 6,598	\$ 6,598	\$ 6,545	\$ 5,753	\$ 7,000	\$ 7,000
	\$ 1,382	\$ 1,382	\$ 1,330	\$ -	-	see line 506
	\$ 2,240	\$ 2,240	\$ 5,398	\$ 46,605	\$ 20,000	\$ 20,000
	\$ 4,075	\$ 4,075	\$ 2,600	\$ -	\$ 10,000	\$ 12,000
	\$ 12,205	\$ 12,205	\$ 2,060	\$ 1,943	\$ 15,000	\$ 15,000
	\$ 137,069	\$ 137,069	\$ 116,436	\$ 124,716	\$ 116,000	\$ 133,500
	\$ 11,915	\$ 11,915	\$ 14,544	\$ 14,719	\$ 17,000	\$ 15,000
	\$ 1,050	\$ 1,050	\$ 9,807	\$ -	\$ 8,000	\$ 10,000
	\$ 4,240	\$ 4,240	\$ 1,445	\$ 1,495	\$ 3,000	\$ 3,000
	\$ 5,500	\$ 5,500	\$ 5,500	\$ 6,500	\$ 6,500	\$ 6,500
	\$ 198,536	\$ 198,536	\$ 174,013	\$ 215,210	\$ 218,500	\$ 239,000

PARKS & TREES

801 Grounds Maintenance	\$ 1,897	\$ 1,789	\$ 3,915	\$ 6,088	\$ 5,000	\$ 5,000
802 Tree Maintenance	\$ 10,040	\$ 12,325	\$ 10,265	\$ 7,176	\$ 20,000	\$ 25,000
804 Park Utilities	\$ 728	\$ 4,799	\$ 646	\$ 763	\$ 800	\$ 800
805 Signs, Surveys, & Row	\$ 195	\$ 4,025	\$ 806	\$ 1,975	\$ 2,000	\$ 2,000
TOTAL PARKS, ETC	\$ 12,860	\$ 22,938	\$ 15,632	\$ 16,002	\$ 27,800	\$ 32,800

SANITATION

908 Comfort Sta. Maintenance	\$ 3,294	\$ 700	\$ 2,088	\$ 978	\$ 4,000	\$ 4,000
909 Miscellaneous	\$ 3,294	\$ 700	\$ 2,088	\$ 978	\$ 4,000	\$ 4,000
TOTAL ORDINARY EXPENDITURES	\$ 941,977	\$ 982,518	\$ 942,549	\$ 963,791	\$ 1,084,986	\$ 1,181,032

CONTINGENCY ALLOWANCE

1301 Contingency Allowance	\$ 7,500	\$ 21,248	\$ 2,300	\$ 18,919	\$ 20,000	\$ 20,000
----------------------------	----------	-----------	----------	-----------	-----------	-----------

DEBT SERVICE

1601 Loan Payments	\$ 949,477	\$ 1,003,766	\$ 944,849	\$ 982,710	\$ 1,104,986	\$ 1,201,032
SUBTOTAL	\$ 949,477	\$ 1,003,766	\$ 944,849	\$ 982,710	\$ 1,104,986	\$ 1,201,032

SPECIAL REVENUE & TRUST FUND

1501 Deposits to Special Funds	\$ 225,000	\$ 275,000	\$ 277,500	\$ 251,500	\$ 247,500	\$ 252,000
--------------------------------	------------	------------	------------	------------	------------	------------

TOTAL EXPENSES	\$ 1,174,477	\$ 1,278,766	\$ 1,222,349	\$ 1,234,210	\$ 1,352,486	\$ 1,453,032
TOTAL REVENUE	\$ 1,285,542	\$ 1,332,182	\$ 1,443,047	\$ 1,337,912	\$ 1,352,486	\$ 435,360

DRAFT

NOTES

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ADOPTED	
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
REVENUE - EXPENSE	\$ 111,065	\$ 53,416	\$ 220,698	\$ 103,702	\$ (0)	\$ (1,017,672)

Allocations by Special Fund

2/08 Bal

Infrastructure Reserve Fund	\$ 80,000	\$ 144,000	\$ 60,000	\$ 100,000	\$ 120,000	\$ 100,000*	\$121 k
Clock Fund	\$ -	\$ 500	\$ 1,000	\$ -	\$ 500	\$ 1,000	\$ 600
Truck Fund	\$ 110,000	\$ 5,000	\$ 30,000	\$ 10,000	\$ 10,000	\$ 15,000	\$23k
Building Fund	\$ 30,000	\$ 20,000	\$ 20,000	\$ 5,000	\$ 5,000	\$ 10,000	\$48k
Fire Dept Major Equipment	\$ -	\$ 100,000	\$ 110,000	\$ 105,000	\$ 105,000	\$ 110,000	\$85k
Cannon Fund	\$ 5,000	\$ 500	\$ 500	\$ 500	\$ 1,000	\$ 1,000	\$4k
LOCIP	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$6k
Wayland's Wharf	\$ -	\$ 5,000	\$ 55,000	\$ 30,000	\$ 5,000	\$ 10,000	\$36k

TOTAL FUNDS DEPOSIT

\$ 225,000	\$ 275,000	\$ 277,500	\$ 251,500	\$ 247,500	\$ 252,000
------------	------------	------------	------------	------------	------------

ARPA

TOTAL PAYROLL	\$ 348,543	\$ 356,405	\$ 326,903	\$ 338,536	\$ 355,500	\$ 386,300
---------------	------------	------------	------------	------------	------------	------------

EST. YEAR-END RESERVE	\$300,000 est	\$ 500,000
-----------------------	---------------	------------

** Projects = Church, Water (viaduct to High)

Borough of Stonington Feasibility Study of Water Street / Church Street and Cross Street Drainage Systems

Prepared For:

Borough of Stonington



January 23, 2023

Prepared By:

CLA Engineers, Inc.

Consulting Engineers

317 Main Street

Norwich, CT 06360

Ph: 860-886-1966 F: 860-886-9165

www.claengineers.com

ATT 4

Contents

Introduction	1
1. Water Street/Harmony Street Intersection	1
2. Elm Street Drainage System	3
3. Diversion of Water Street/Church Street/Cross Street	5
4. Summary & Recommendations	8

Drawing Sheets

Sheet 1 – Harmony Street Drainage System – Existing Plan & Profile

Sheet 2 – Main Street/Elm Street Drainage System – Existing Plan & Profile

Sheet 3 – Water Street/Church Street/Cross Street Drainage System – Existing Plan & Profile

Sheet 4 – Water Street/Church Street/Cross Street Drainage System – Watershed Plan

Sheet 5 – Water Street/Church Street/Cross Street Drainage System – Proposed Outfall at Weyland's Wharf

Introduction

In September 2022, CLA Engineers Inc. (CLA) completed drainage mapping and investigation work of the Borough's stormwater infrastructure. A component of the work involved the investigation of three drainage systems identified by the Borough as being problematic. The investigation concluded that the Water Street/Church Street/Cross Street (WCC) drainage system is significantly undersized for the contributing watershed and is impeded by inlet inefficiency, flat pipe grades and tidal tail water conditions at the outlet. The Report recommended investigating the feasibility of mitigating the chronic flooding experienced by the (WCC) drainage system during moderate to heavy rain events.

Specifically, the Report recommended investigating if the catchment area contributing flow to the WCC drainage system could be reduced by intercepting and diverting portions of the flow to existing adjacent drainage systems by a combination of the following:

1. Installing new catch basins at Water Street/Harmony Street intersection and connect to the existing drainage network on Harmony Street.
2. Installing new catch basins at Pearl Street/Main Street intersection and connect to the existing drainage network on Elm Street.
3. Diverting a portion of the WCC catchment area to a new outfall located on Wayland's Wharf.

1. Water Street/Harmony Street Intersection

The Harmony Street drainage system comprises three catch basins located at the intersection of Main Street and Harmony Street. It captures run-off from the roadway, sidewalks and roofs of adjacent private properties on Main Street and a portion of Harmony Street and Union Street. The existing watershed area is approximately 1.72 acres (**See Sheet 2**). Once stormwater enters the catch basins on Main Street, it is piped west on Harmony Street via a 6" PVC pipe before transitioning to an 8" PVC pipe (at B-DMH-4), passing between #92 and #94 Water Street and finally discharging through a 12" reinforced concrete pipe that penetrates the sea wall. It is assumed the 8" pipe transitions to the 12' pipe at the sea wall.

There are no catch basins at the intersection of Water Street and Harmony Street. Run-off from this intersection and a portion of Water Street drains north along Water Street to the intersection of Church Street and the WCC drainage system. Installing catch basins at the intersection of Water Street and Harmony Street would collect this run-off and discharge it to the Harmony Street drainage system. This would reduce the catchment area of the WCC system by approximately 16,000 s.f.

Information from our survey was used to perform a hydraulic analysis of the existing Harmony Street network. The watershed contributing to the network comprises a populated urban environment with a moderate percentage of impervious cover including roadways, sidewalks and roofs. The network was analyzed with both tail water and no tail water conditions to simulate low and high tide conditions.

Our analysis concluded that even at low tide (no tail water), the network cannot adequately convey the stormwater volume attributable to a 1-year rain event without surcharging. The analysis showed stormwater completely filling the system and surcharging at the catch basins on Main Street. Similarly, the impact of the 1-year rain event was worse during high tide. This can be attributed to insufficient capacity due to inadequate pipe size and grade. Minimum pipe size standards for simple drainage systems is typically 12" with some towns even adopting 15". The existing 6" and 8" pipe sizes are too small to accommodate the volume of flow contributing to the drainage system.

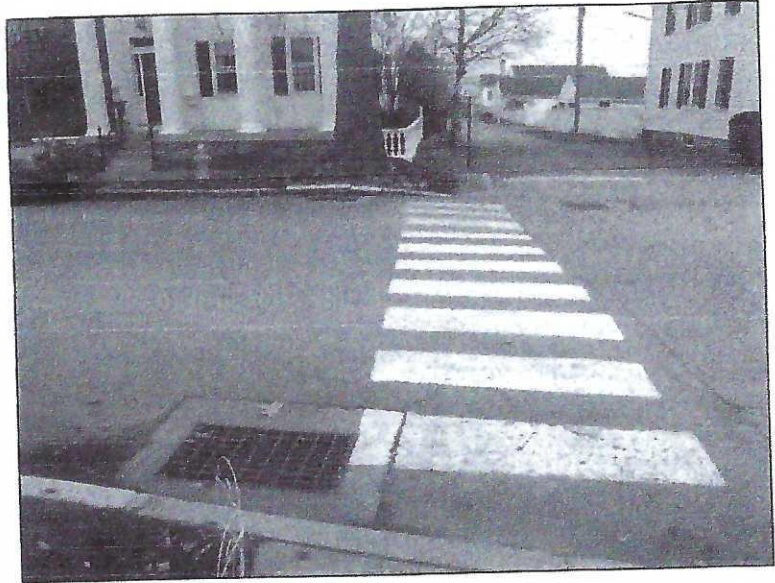
In order to consider adding additional flow, existing pipes would need to be replaced with larger diameter pipes and possible improvements to existing catch basins and manholes. Replacing the 8" pipe between #92 and #94 Water Street would be expensive and disruptive and likely attract opposition from the home owners. Consequently, given the system's existing constraints, it is not recommended that additional flow be added to the system. While conducting this investigation, some observations were noted.



The Harmony Street outfall comprises several lengths of 12" exposed reinforced concrete pipe placed on top, and following the grade of, the shoreline rocks at the foot of the sea wall. Extending the pipe beyond the sea wall in this case provides little benefit and exposes the concrete pipe to erosion and possible disturbance due to wave action.

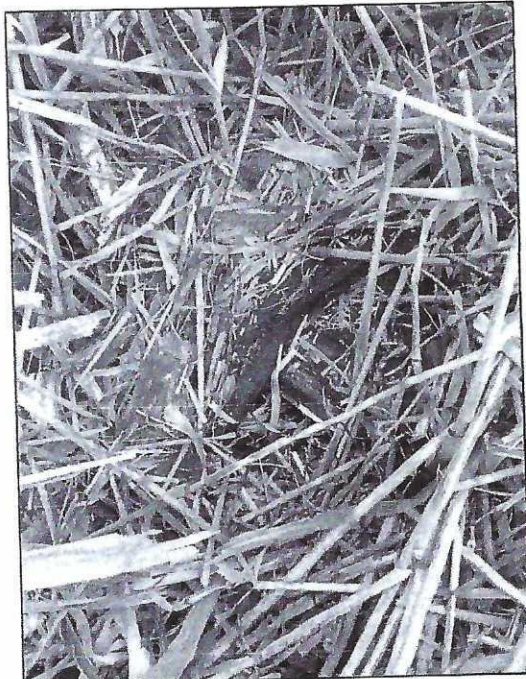
The elevation of the pipe at the wall penetration is approximately 2-feet higher than the outfall, resulting in the outfall being submerged for extended periods of time, producing tailwater conditions and negatively impacting the system's ability drain. This also promotes infiltration and deposition of debris (seaweed, sediment etc.) in the lower sections of pipe. Removal of the pipe segments back to the sea wall would raise the outfall elevation, keeping it above the waterline for longer periods and reduce admission of unwanted debris. A tidal check-valve could also be considered for this location.

Another observation was the root system of the large tree at the intersection of Main Street and Harmony Street. The root system is causing heaving of the sidewalk and pavement, including the adjacent catch basin structure. As a result, the catch basin grate is several inches higher than the gutter line, causing ponding to occur north of the catch basin. Ideally, the tree should be removed to prevent further deformation of the pavement and possible damage to the drainage system and adjacent fire hydrant and water main.



2. Elm Street Drainage System

The Elm Street drainage system comprises numerous catch basins and captures run-off from the roadway, sidewalks and roofs of adjacent private properties from various streets including Temple Street, Cliff Street, Elm Street and a portion of Main Street. The existing watershed area is approximately 6.3 acres (See Sheet 2).



Elm Street Drainage System Outfall

At the head of the system, stormwater enters catch basins at the intersection of Elm Street and High Street where it is piped northeast along Elm Street. Run-off from Temple Street is captured via a single catch basin at its east end, which is believed to connect to the system. The system then heads southeast through private property before emerging onto Orchard Street and discharging to an existing waterway comprising tidal flats located between the Amtrak rail line and Salt Acres Road. During the collection of survey information, it was noted that the catch basins located on Orchard Street were full of water and the outfall pipe is almost entirely submerged. The outfall was also almost completely submerged and obstructed by dense vegetation.

A high point exists on Main Street, approximately at the intersection of Temple Street. There are no catch basins on Main Street at the intersections of High Street or Elm Street. Consequently, run-off from Main Street, from as far north as Temple Street, flows south to the intersection of Grand Street where it enters the WCC drainage system. Installing catch basins on Main Street at the intersections of High Street and Elm Street would intercept this run-off, whereupon it could be diverted and discharged into the Elm Street drainage system. This would reduce the catchment area of the WCC system by approximately 48,180 s.f. (1.1 acres).

Information from our survey was used to perform hydraulic analysis of the existing Elm Street drainage network. The watershed contributing to the network comprises a populated urban environment with a moderate percentage of impervious cover including roadways, sidewalks and roofs. The network was analyzed with tail water conditions at the outfall to simulate the submerged outfall conditions.

Our analysis concluded the network cannot adequately convey the stormwater volume attributable to a 1-year rain event without surcharging. The analysis shows stormwater completely filling the system and surcharging at the catch basins on Elm Street. This can be attributed to insufficient pipe capacity, due primarily to inadequate pipe grade and the perpetual high ground water conditions that inundate the system and restrict flow at the outfall. Pipe grades are typically designed to maximize flow capacity while following existing topography. The pipe grade between CB #87 and the outfall is virtually flat and pipe grades upstream of CB #87 are less than 1%.

In summary, pipe grades are too flat to accommodate flow during normal operating conditions. While the outfall elevation is shown to be between mean high and low water level, the outfall appears to be constantly submerged and the discharge is severely restricted with dense vegetation. Consequently, given the system's existing constraints, it is not recommended that additional flow be added to the system. Increasing pipe grades is not feasible given the elevation of the catchment areas with respect to sea levels.

Between December 22 and 23, 2022, a significant storm event delivered rain and strong winds to the region. Coupled with a high tide, severe flooding was experienced on Hyde Street, Maplewood Lane and Orchard Street (See below). These roadways are located close to the outfall location and therefore at the lowest elevation.



While this event resulted in unusually high water elevations, it highlights the reason why additional flow should not be directed to the Elm Street drainage system.

3. Diversion of Water Street/Church Street/Cross Street

The Water Street/Church Street/Cross Street drainage network comprises numerous catch basins and drainage manholes and collects stormwater run-off from a number of streets in the Borough's central commercial area. The drainage system collects stormwater from the roadways, sidewalks and adjacent properties and is conveyed west where it discharges to Stonington Harbor via a 24" RCP Pipe (Outfall B-OF-7). (See Sheet 3). Field observations and topographical analysis from LIDAR 2-foot contours estimates the total contributing watershed area to be approximately 10.2 acres (See Sheet 4).

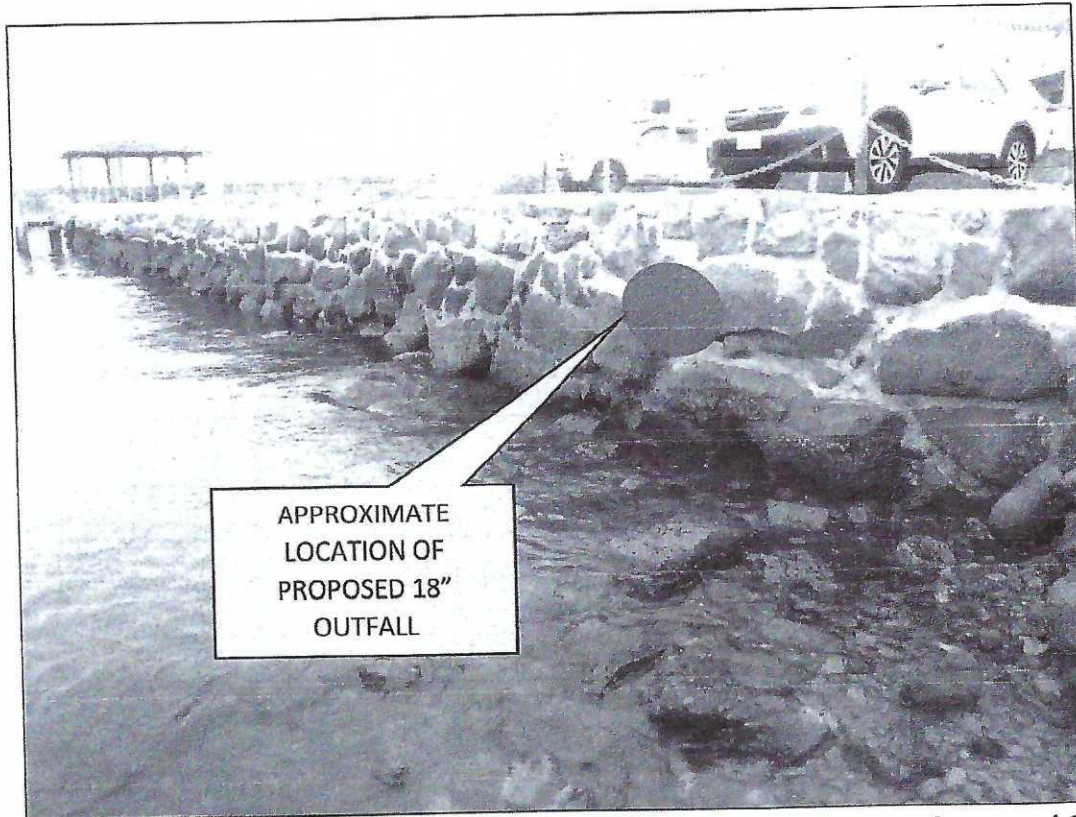
The initial study suggested the WCC catchment area could be divided into two smaller catchment areas by intercepting and diverting a portion of the existing flow to a new outfall located on Wayland's Wharf, reducing flow volume to the existing outfall. Flow from Water Street and to the east would be intercepted on Church Street, at the entrance to the wharf, and redirected through the parking area and discharged into Stonington Harbor via a new outfall on the south facing wall (Sub-catchment 1) It is estimated the total watershed area would be reduced from 10.2 acres to approximately 7.4 acres. Flow from the remaining catchment areas west of Water Street (3.8 acres) would continue to be collected and discharged via the existing outfall (Sub-catchment 2).

Sub-Catchment #1

Analysis from the original hydraulic analysis determined that the existing system's capacity was insufficient to accommodate the 1-year storm event without surcharging. The investigation cited undersized pipe and flat grades as well as inefficient catch basin grates contributing to the problem. A proposed design to intercept and divert the flow to a new outfall at Weyland's Wharf is shown on Sheet 5. The design proposes to install a new manhole on Church Street and intercept the existing flow at the entrance to the wharf. Flow would be conveyed south and west via a new 18" pipe before discharging through the sea wall.

To reduce the impacts of the tide, the new outfall would discharge to the Harbor at approximate elevation 0.67 (1-foot higher than the existing outfall). This elevation would still be slightly below the Mean High Water Level of 0.9 but would experience considerable longer periods above the water line than the existing outfall. It should be noted that during the storm event of December 22 and 23, 2022, water levels breached the top of the seawall and completely submerged the wharf. The elevation of the top of the seawall is approximately 3.65 feet.

Hydraulic analysis shows that modifying the drainage network as described would not alleviate flooding at the intersection of Church Street and Water Street, but it would lessen the magnitude and duration of flooding. Reducing the catchment area by 3.8 acres has the effect of reducing the flow volume by approximately 40%.



South Facing Photo of Weyland's Wharf Seawall Depicting Approximate Location of Proposed Outfall

Sub-Catchment #2

Reducing the catchment area contributing to the existing outfall by 7.4 acres has a significant beneficial impact on the drainage network west of Water Street. Analysis shows that for the 1-year storm event, the runoff volume is reduced from approximately 16 cubic feet per second (cfs) to 4.9 cfs (a 70% reduction). Further analysis determined that the network would be capable of accommodating the 10-year storm event without surcharging.

Considerations associated with this improvement would include permitting, constructability and cost. A new outfall would need to be approved by the Department of Energy and Environmental Protection (DEEP) and permitting would be required through the DEEP's Bureau of Water Protection and Land Reuse's Land and Water Resources Division (LWRD). Permitting by the Army Core of Engineers (ACOE) would also likely be required.

Constructability considerations include the possibility of diverting existing utilities that are present in Church Street. Water and sewer services are believed to be present in the roadway and diversions of these utilities may be required.

A budget estimate of probable project costs was prepared and is presented below. The costs do not include detailed engineering of the project and assumes all work to be performed within the right of way.

Budget Estimate of Probable Project Costs

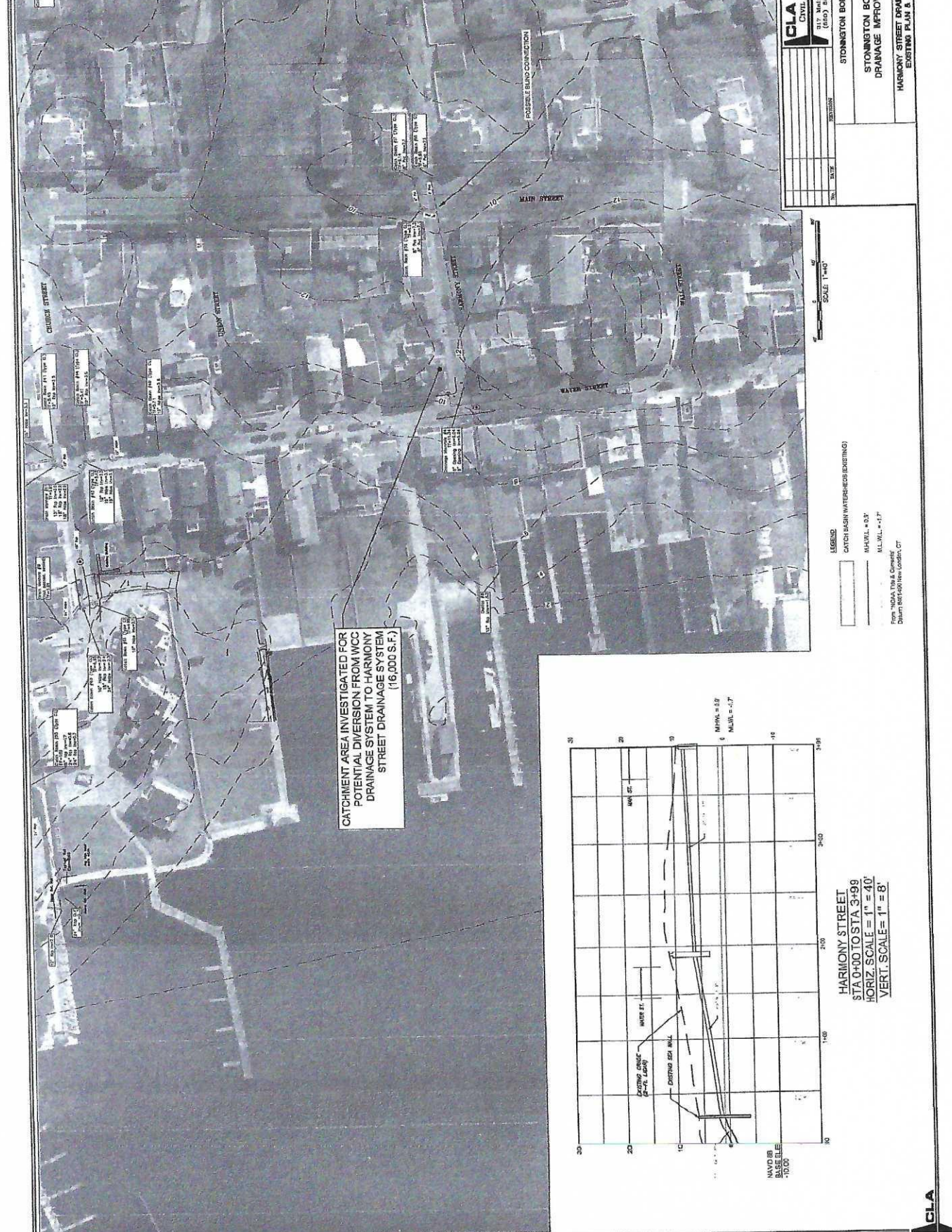
Description	Quantity	Unit	Unit Price	Cost
Erosion and Sedimentation Controls	1	LS	\$ 1,000.00	\$ 1,000.00
Traffic Management	1	LS	\$ 1,000.00	\$ 1,000.00
General Excavation and Disposal	1	LS	\$ 2,500.00	\$ 2,500.00
Gravel Sub-base	50	CY	\$ 40.00	\$ 2,000.00
Gravel Fill (Provisionl)	100	CY	\$ 40.00	\$ 4,000.00
18" Reinforced Concrete Pipe	225	LF	\$ 80.00	\$ 18,000.00
4' Drainage Manhole	3	EA	\$ 5,000.00	\$ 15,000.00
Outfall and Seawall Work	1	LS	\$ 5,000.00	\$ 5,000.00
Temporary Pavement for Drainage (2")	70	SY	\$ 30.00	\$ 2,100.00
Two Course Bituminous Concrete Pavement	70	SY	\$ 50.00	\$ 3,500.00
Restoration	1	LS	\$ 2,000.00	\$ 2,000.00
				\$ 56,100.00
		Mobilization / Staging :	10.0%	\$ 5,610.00
		Subtotal :		\$ 61,710.00
		Contingency :	20.0%	\$ 11,220.00
		Permitting:	10.0%	\$ 5,610.00
		Project Bidding/Construction Administration:	15.0%	\$ 9,256.50
		Estimated Construction Total :		\$ 87,796.50
				\$ 90,000.00

4. Summary & Recommendations

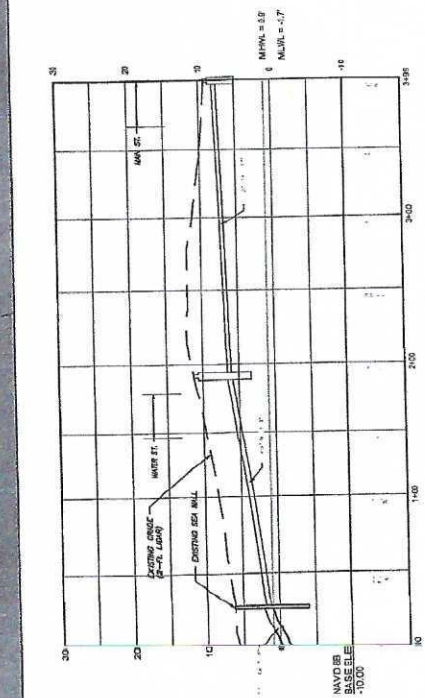
This study investigated if the catchment area contributing flow to the WCC drainage system could be reduced by intercepting and diverting portions of the flow to existing adjacent drainage systems. The following summarizes the findings:

1. The existing Harmony Street drainage system comprises undersized pipes. The system cannot be easily upgraded given proximity to residential properties. It is not recommended that additional flow be added to this system. Removal of the exposed outfall pipes back to the sea wall should be considered to improve discharge capacity and reduce debris infiltration.
2. The existing Elm Street drainage system comprises pipes with very flat grades. Pipes at the system terminus and the outfall are below ground water elevation. The surrounding topography on Hyde Street, Maplewood Lane and Orchard Street is low in elevation and susceptible to flooding. The system does not have sufficient capacity and it is not recommended that additional flow be added to this system.
3. Dividing the catchment watershed of the WCC drainage system into two sub-catchments will have measurable benefits to the drainage efficiency in the downtown borough area. Diverting flow from a portion of the WCC drainage system to a new outfall on Weyland's Wharf will reduce flow to the existing outfall by about 70%. The new outfall will relieve the system of run-off generated to the west of Water Street and discharge flow to the Harbor more rapidly. It is therefore recommended that the Borough pursue the design and eventual construction of this project.

In combination with this improvement, consideration should also be given to installing new catch basins and drainage on Gold Street and Northwest Street. This will collect run-off from these streets more rapidly and prevent inundating the catch basins on Church Street adjacent to the Stonington Small Boat Association.



CATCHMENT AREA INVESTIGATED FOR
 POTENTIAL DIVERSION FROM WCC
 DRAINAGE SYSTEM TO HARMONY
 STREET DRAINAGE SYSTEM
 (16,000 S.F.)



HARMONY STREET
 STA 0+00 TO STA 3+99
 HORIZ. SCALE = 1" = 40'
 VERT. SCALE = 1" = 8'

LEGEND
 CATCH BASIN (WATERSHEDS EXISTING)
 M/W/L = 5.0
 M/W/L = 4.7
 From: NOAA, FWS & Connecticut
 Datum: NAVD83 New London, CT

CLA Engineers, Inc
 CIVIL, STRUCTURAL • SURVEYING
 312 Main Street
 Norwich, CT 06253
 (860) 888-1188 Fax: (860) 888-1888
 Project No. 17-250-250
 Date: 11/25/2010
 Revision: 1
 STONINGTON BOROUGH
 STONINGTON BOROUGH
 DRAINAGE IMPROVEMENTS
 HARMONY STREET DRAINAGE SYSTEM
 EXISTING PLAN & PROFILE

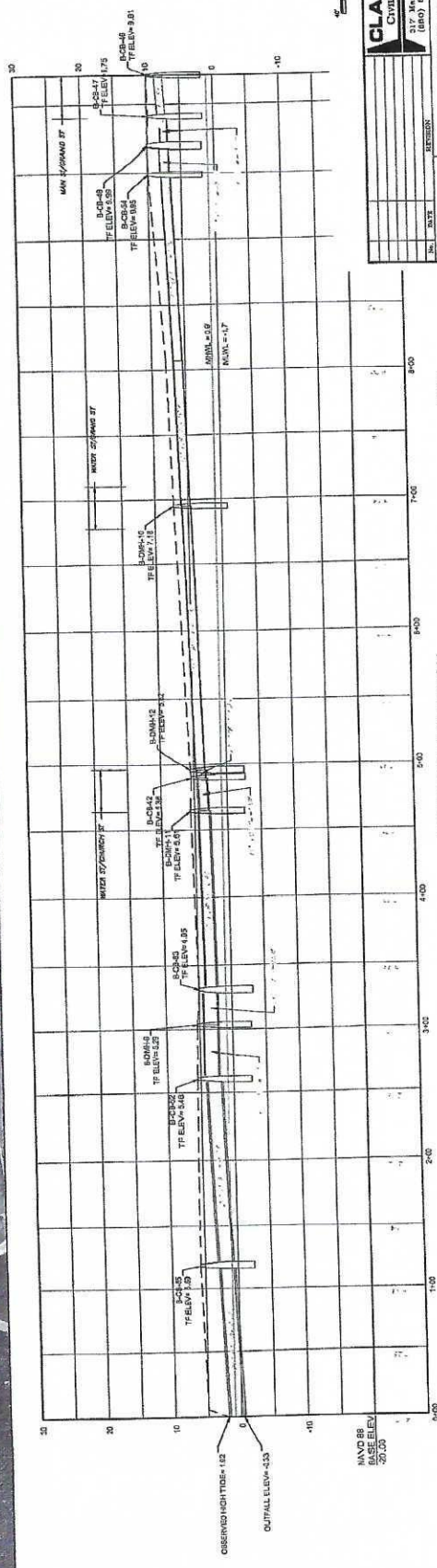
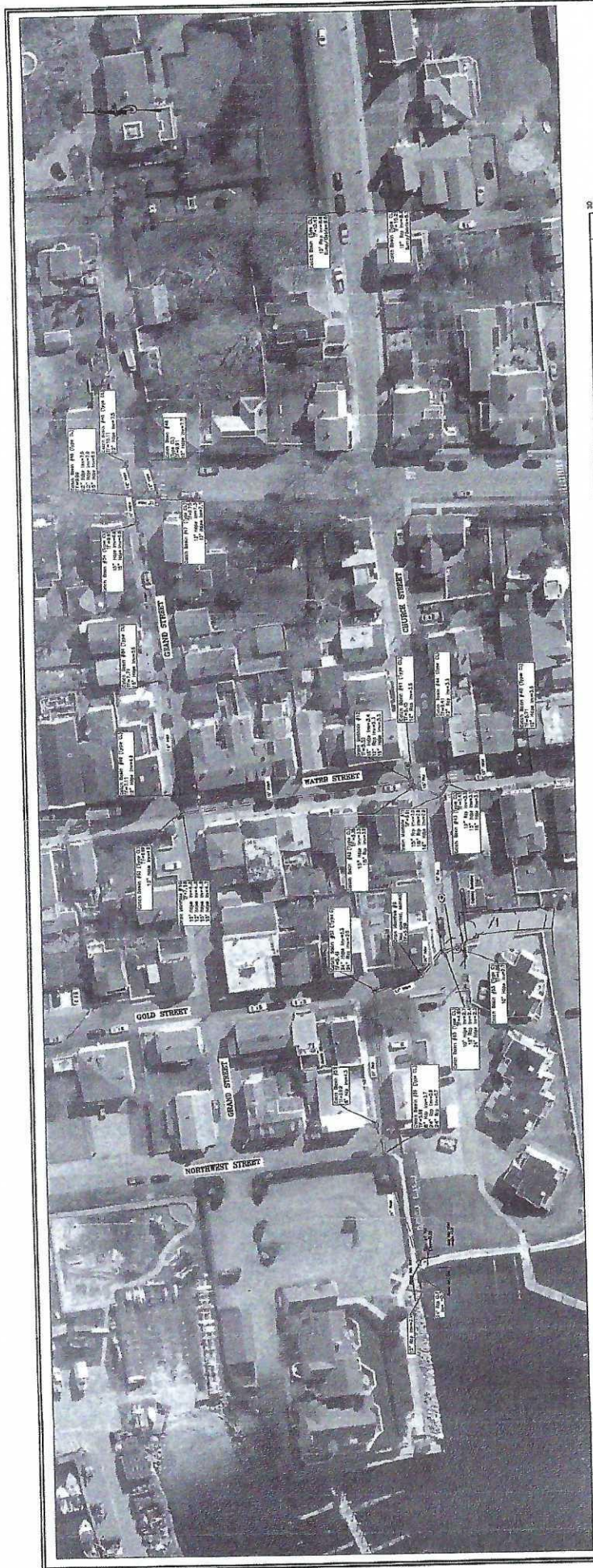


CATCHMENT AREA INVESTIGATED FOR
 POTENTIAL DIVERSION FROM MCC
 DRAINAGE SYSTEM TO ELM STREET
 DRAINAGE SYSTEM
 (1.1 ACRES)



ELM STREET
 STA 0+00 TO STA 8+31
 HORIZ. SCALE = 1" = 40'
 VERT. SCALE = 1" = 8'

CLA Engineers, Inc.	
CIVIL, STRUCTURAL & SURVEYING	
317 Main Street, Norwich, CT 06250	
(860) 880-1888 Fax: (860) 880-1810	
Project No. 1100100	
Client STONNINGTON BOROUGH	
Title STONNINGTON BOROUGH DRAINAGE IMPROVEMENTS	
Date 11/29/05	
Sheet No. 2	



CLA Engineers, Inc.
 CIVIL, STRUCTURAL & SURVEYING
 317 Main Street
 Stonington, CT 06424
 (860) 533-1235 Fax: (860) 533-9105

Project No. **CLA-2014**
 Drawing No. **D-01**
 Date **08/17/22**
 Scale **AS SHOWN**

STONINGTON BOROUGH
**STONINGTON BOROUGH
 DRAINAGE PROJECT**
 WATER STITCHBUSH ST CROSS ST DRAINAGE SYSTEM
 EXISTING PLAN & PROFILE

NO.	DATE	REVISION



WCC SUB-CATCHMENT 1
 EXISTING CATCHMENT AREAS TO
 DISCHARGE VIA NEW OUTFALL AT
 WEYLANDS WHARF
 (APPROX. AREA = 7.4 ACRES)

WCC SUB-CATCHMENT 2
 EXISTING CATCHMENT AREAS
 TO DISCHARGE VIA EXISTING
 OUTFALL #7
 (APPROX. AREA = 3.6 ACRES)

EXISTING OUTFALL #7
 (INV. -0.33)

WEYLAND'S WHARF

PROPOSED OUTFALL LOCATION

SCALE 1"=100'

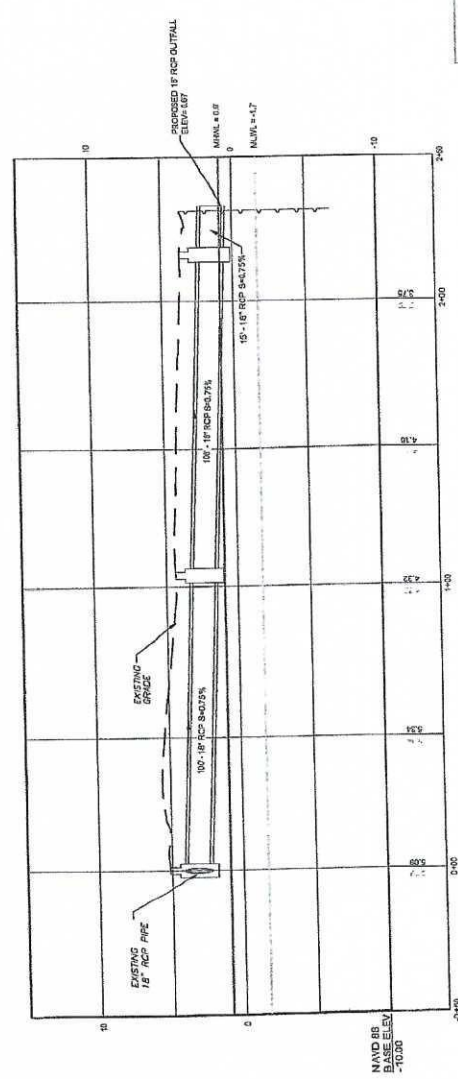
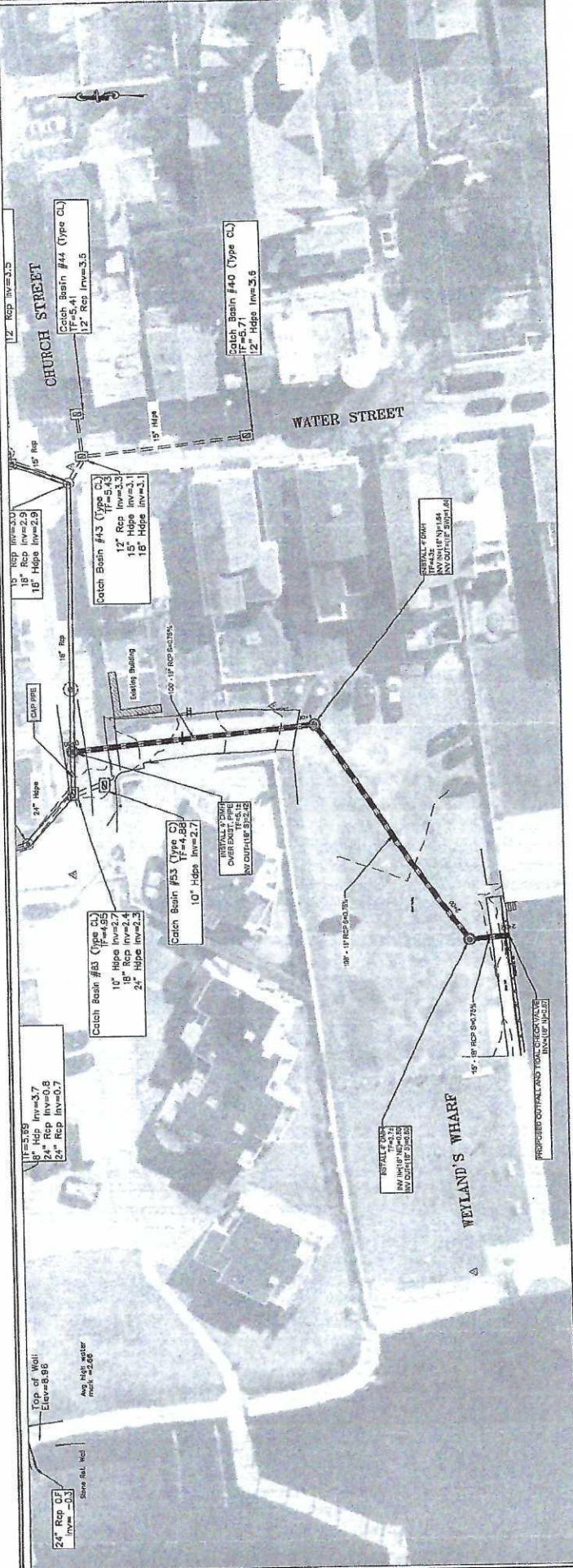
CLA Engineers, Inc.
 CIVIL - STRUCTURAL - SURVEYING
 217 Main Street, Norwich, CT 06250
 (860) 886-1888 Fax (860) 886-1889

NO.	DATE	REVISION

STONINGTON BOROUGH
 STONINGTON BOROUGH
 STONINGTON BOROUGH
 STONINGTON BOROUGH

Project No. 04-0004
 Date 07/20/04
 Drawn 07/10/04
 Sheet No. 4

STONINGTON BOROUGH
 DRAINAGE PROJECT
 WATER ST/CROSS ST/CROSS ST DRAINAGE SYSTEM
 WATERSEED PLAN



WATER STREET PROPOSED
 STA. 0+50 TO STA. 2+50
 HORIZ. SCALE = 1" = 20'
 VERT. SCALE = 1" = 4'

SCALE 1"=10'

CLA Engineers, Inc
 CIVIL, STRUCTURAL & SURVEYING
 317 Main Street
 Newry, NY 11752
 (800) 898-1888 Fax (516) 334-0445

Project No. STONINGTON BOROUGH
 Date 11/28/20
 Drawn by
 Checked by
 Scale

STONINGTON BOROUGH
 STONINGTON BOROUGH
 DRAINAGE IMPROVEMENTS
 WATER ST/CHURCH ST CROSS ST DRAINAGE SYSTEM
 PROPOSED OUTFALL AT WEYLAND'S WHARF

LEGEND
 CATCH-BASIN WATERSHEDS (EXISTING)
 1/2" WALL = 0.6'
 1 1/2" WALL = 1.2'

From: NEMA, Title & Content
 Datum: 8/21/1989 from London, CT

**BOROUGH OF STONINGTON CT
ANNUAL PROJECT & EXPENDITURE REPORT: MARCH 2021 - FEBRUARY 2023**

PROJECT NAME & ID	DESCRIPTION	OBLIGATION	EXPENSE	STATUS/BALANCE
PREMIUMPAY FOR STAFF ARP-1	PREMIUM PAY FOR BROUGH STAFF, VOLUNTEER FIREFIGHTERS, VOLUNTEER EMIT'S	\$12,250	\$12,250	COMPLETE
SUPPORT FOR LEDGE LIGHT HD ARP-2	FINANCIAL SUPPORT TO LOCAL HEALTH DIST FOR GENERAL PUBLIC HEALTH ACTIVITIES, INCLUDING VACCINATION AND TESTING	\$2,700	\$2,700	COMPLETE
SCCOG ARPA COORDINATOR ARP - 3	FINANCIAL SUPPORT TO S.E. CT COUNCIL OF GOVERNMENTS TO HIRE AN ARPA COORDINATOR TO ASSIST MUNICIPALITIES	429	429	COMPLETE
COMO HVAC - ARP -4	COMMUNITY CENTER HVAC UPGRADE DESIGN FOR AUDITORIUM WHERE PRE-SCHOOL AND COMMUNITY ACTIVITIES ARE HELD	\$10,000	\$10,000	COMPLETE
STORM WATER SYSTEM STUDY ARP-5	I. ASSESSMENT OF BOROUGH STORM WATER INFRASTRUCTURE, WITH RECOMMENDATIONS FOR REPAIRS AND UPGRADES II. UPGRADE OPTIONS FEASIBILITY & ANALYSIS	\$30,400	\$30,400	COMPLETE
HISTORICAL SOCIETY SIGNAGE ARP - 6	DESIGN, FABRICATE & INSTALL PANELS THAT EXPLAIN POINTS OF HISTORICAL INTEREST THROUGHOUT THE BOROUGH	\$13,000	\$13,000	COMPLETE
JAMES MERRILL HOUSE UPGRADE ARP-7	IMPROVE ELECTRICAL AND SPRINKLER SYSTEMS	\$8,000	0	\$8,000
MAURICE LA GRUA CENTER A/V ARP-8	DESIGN/INSTALL NEW A/V SYSTEM IN PERFORMANCE SPACE	\$8,320	\$8,320	COMPLETE
LIBRARY OUTDOOR MEETING	DESIGN/CREATE OUTDOOR MEETING AREA IN PUBLIC PARK	\$10,000.00	\$10,000	COMPLETE
		\$5,873	\$5,873	COMPLETE

ATT 5

ARP-9	ADJACENT TO LIBRARY BUILDING					
MYSTIC PAPER BEASTS PERFORAN	CREATE A PERFORMANCE TO BE GIVIN DURING THE ANNUAL	\$2,700.00	\$2,500	200		
ARP-10	BOROUGH GARDEN TOUR IN JUNE 2022					
NESS FREE WATER ACTIVITES	N E SCIENCE & SAILING WILL OFFER FREE OUTDOOR, WATER-	\$9,725	6727.5	\$2,998		
ARP-11	RELATED ACTIVITIES TO BOROUGH RESIDENTS DURING SUMMER					
SMALL BUSINESS GRANTS	OCEAN COMM CHAMBER OF COMMERCE AND BOROUGH SMALL	\$26,085	\$14,335.75	\$11,749.25		
ARP - 12	BUSINESS ASSOC. WILL MANAGE GRANTS TO HELP LOCAL BUSINESSES RECOVER FROM LOSSES DURING PANDEMIC					
PORTUGUESE HOLY GHOST SOC.	REPAIR LEAKING ROOF OVER COMMUNITY HALL	\$8,000	\$8,000	COMPLETE		
ARPB-B13						
STON. VILLAGE IMPROVEMENT	INSTALL WATER BOTTLE FILLER AT PUBLIC BEACH	\$8,300	\$8,300	COMPLETE		
ASSNN: ARP - 14						
	TOTALS	\$155,782	\$132,835	\$22,947		