ELLSWORTH
Business, Leisure, Life.

CAPITAL IMPROVEMENT GUIDELINES

City of Ellsworth
Capital Improvement Working Framework

Purpose and Scope

One of the primary responsibilities of municipal government is to preserve, maintain, and improve the community's buildings, roads, parks, sewer and water facilities, machinery, apparatus, and equipment. Planning for capital improvements is a matter of prudent financial management and provides an identifiable framework for informed decision-making. The purpose of the Capital Improvement Plan (CIP) is to provide a planning and funding mechanism for the City's investment in long-term capital assets.

The Capital Improvement Program is comprised of two parts: a Capital Budget and a Capital Plan. The Capital Budget is a part of the annual City Budget Resolve process and provides approval for the upcoming fiscal year's capital spending plan. The Capital Plan is a formalization of the planning process for capital expenditures and outlines potential Capital Projects approaching in a five year timeframe. The Capital Plan is informative and is not the formal request to the City Council for future expenditures. It is intended to link the City's plans, including but not limited to, the Comprehensive Plan, Economic Development Plan, re-development plans, Ellsworth Charter, and fiscal plan to physical developments.

A complete CIP has the following benefits:

- Facilitates coordination between capital needs and the operating budget
- Enhances the community's credit rating, control of its tax rate, and avoids sudden changes in its debt service requirements
- Identifies the most economical means of financing capital projects
- Increases opportunities for obtaining federal and state aid
- Relates public facilities and other public and private development and redevelopment policies and plans
- Focuses attention on community objectives and fiscal capacity
- Keeps the public informed about future needs and projects
- Coordinates the activities of all departments
- Encourages careful project planning and design to avoid costly mistakes and help a community reach desired goals

Definition of Capital Project

A Capital Project is an acquisition, improvement, or rehabilitation of land and/or buildings, or equipment and furnishings, with a useful life of greater than five (5) years and a minimum threshold cost of $10,000. All ancillary costs associated with the project are to be included in determining whether the project meets the minimum funding requirement and similar items should be grouped together for reporting purposes. Renovations at a single facility may include several facets as a single project. Exceptions to these criteria will be considered depending on the purpose, scope, and funding source of the project.

Capital Project Categories

1. Acquisition of land for a public purpose;

2. Construction of a new facility (e.g., a public building, sewer lines, water lines, etc.) or an addition to, or extension of, such facility;

3. Purchase of major equipment (i.e., items with a cost – individually or in total – of $10,000 and, which have a useful life of five years or more);

4. Any planning, feasibility, engineering, or design study related to an individual capital improvement project or to a program that is implemented through individual capital improvements;

5. Collections or groups of major equipment (i.e., a group of computers, radios, photocopiers, etc. purchased together in which the total cost is $10,000 or greater and has a useful life of five years of more);

6. A nonrecurring rehabilitation (i.e., something which is infrequent and would not be considered annual or other recurrent maintenance) or repairs of all or part of a building, its grounds, or a facility, or of equipment, provided that the total cost is $10,000 and the improvement will have a useful life of five years or more (otherwise the project would be considered to be a recurring expenditure)

Process and Calendar

Generally, capital improvement requests are submitted to the Deputy City Manager annually for review and recommendation during the budget process. (See Appendix A for Budget Process Calendar)

The first step in the review process calls for the department heads to identify capital project needs and/or deficiencies within the City and prepare estimates for the costs involved. The requests that are submitted to the Deputy City Manager for review shall include:

a) A clear general summary of contents;
b) A list of all capital improvements which are proposed to be undertaken during the ten fiscal years next ensuing, with appropriate supporting information as to the need for such improvements;
c) Cost estimates, method of financing and recommended time schedules for each improvement; and
d) The plan shall describe if and to what extent each capital improvement will impact the City's current and future operating budget. The focus is on reasonably quantifiable

additional costs and savings (direct or indirect) or other service impacts that result from capital spending. If there are not or nominal impacts, this needs to be stated in the plan.

The next step involves a review by the City Manager, Deputy City Manager, and Finance Director of all department requests to assess the projects, or proposed capital expenditure items both technically and financially.

The Finance Director, Deputy City Manager, and City Manager must then prepare a Capital Improvement Plan for presentation to the Capital Improvement Committee. This committee is made up of three Councilors and two Ellsworth residents. The Finance Director, Deputy City Manager, and City Manager may want to recommend financing options at this time also. Once all recommendations are received from each department, the Finance Director, Deputy City Manager, and City Manager develop a recommended five year Capital Improvement Plan, including revenue and projected appropriations, for review by the Capital Improvement Committee.

The Capital Improvement Committee will then review the plan and hear presentations from the department heads. They will then make a recommendation to the entire Council during the budget process.

The City Council approves capital expenditures annually based on the recommendations of the City Manager, Deputy City Manager, Finance Director, department heads, and public input. The requests are prioritized based on perceived need, budget availability, and related planning documents.

Once the Plan has been approved it will serve as a guide for future budgets. The current year of the Capital Improvement Plan will become the capital budget.

Capital Improvement Funding Mechanisms

The City recognizes that an effective capital funding strategy requires consideration of a broad mix of funding mechanisms, including but not limited to, pay as you go, grants, and debt. The City will maintain a balanced mix of financing sources without excessive reliance on any one source, and shall consider the following factors in evaluating the suitability of funding options for particular projects:

a) Legality
b) Safety
c) Equity
d) Effectiveness
e) Acceptability
f) Affordability
g) Ease of Administration
h) Efficiency

Financing plans will incorporate the following sources of funds, as appropriate:

a) Cash from the Capital Reserve Funds
b) Cash from General fund balance and surplus
c) Tax Increment Financing
d) Future budget appropriations
e) Program revenues
f) Grant sources
g) Debt financing

It is recognized that priorities may not necessarily correspond to funding sequence because of limited general revenue streams, the availability of restricted sources, and other possible limitations, which is why priority of projects will only server as a governing guideline.

Once projects and purchases are approved for execution, the City will move forward per the City's Procurement Policy.

Updates and Modification of Plan

This Plan is intended to be a dynamic, evolving plan which will facilitate meeting future capital needs of the City. There are a myriad of facts that will influence and affect the City's planning process as the CIP continues to develop and mature. Critical factors and inputs include:

- Forecast Demand – Taking into account such things as population growth and traffic volume; future demand will include expectations of the taxpaying public
- Level of Service (LOS) Standards – Measures the facility capacity to actual and potential demand as well as desired output levels
- Capital Project Requests and Evaluation – New projects to be added to the CIP will require review and analysis
- Funding Plans – Critical to implementation is a sound plan for use of public funds, grants, partnering, and debt as necessary
- Commitment – Active involvement and support by the City's appointed and elected policy makers, management, staff, the public, and community interest groups

A key element in the CIP is the collection of data to identify ongoing and future capital needs. It is the responsibility of the City Manager, Deputy City Manager, Finance Director, Department Heads, and Supervisors to initiate requests for new projects, modifications, and/or reprioritization by sending completed Request Forms and supporting information to the City Manager during the budget process or as soon as the need is identified; requests must include basic project information and justification. The public may also initiate requests for new projects, modifications, and/or reprioritization by contacting the City Manager.

During budget meetings, the CIP, progress reports, and requests for new projects or plan/project modification will be reviewed. Projects will be evaluated based on the following criteria:

Public Health & S   Economic Development

- External Requirements
- Technology
- Percent of Population
- Relationship to Adopted Plans
- Intensity of Use
- Scheduling
- Benefit/Cost
- Impacts on Operating Budgets
- Expected Life of Improvement
- Availability of Financing
- Special Needs
- Timeliness
- Public Support

The City's CIP shall be available for public review and comment. Time will be allotted for public input and feedback of the Plan during scheduled Budget Workshops. After input and evaluation, the City Council shall make final authorization or amend and/or modify the CIP.

Infrastructure Maintenance GASB 34

In accordance with Governmental Accounting Standards Board (GASB) Statement No. 34, the City is required to account for and report infrastructure capital assets. The objectives of GASB 34, are to establish a basic financial reporting model that will result in greater accountability by governments through providing more useful information to a wider range of users. A portion of GASB 34 involves the maintenance of fixed asset records.

An Inventory Point of Contact (IPOC) will be selected from each department. The IPOC will be responsible for tracking inventory within their department, conducting an annual inventory for their department, and furnishing a copy of an invoice for any new fixed assets to the Deputy Treasurer. The Deputy Treasurer is responsible for overseeing all inventory items, recording inventory in an asset management software, and determining salvage values, useful lives, and depreciation amounts for each asset.

The following rules will apply to the City of Ellsworth's Fixed Asset Inventory:

- All property should be recorded at cost including freight, installation, and other charges incurred to place that asset in use.
- A $5,000 threshold will be placed for each asset. Although the threshold for assets are set at $5000 for reporting purposes, the Treasurer's department needs information on items that are $100 and greater for tracking purposes per the City's procurement policy.
- Assets that do not meet the $5,000 threshold, yet are ordered and maintained in large quantities (i.e., library books, weapons, etc) may be grouped together.
- The Straight-Line Depreciation method will be used to depreciate assets by taking the cost of the asset, less the projected salvage value, and dividing it by the number of years of useful lives.
- Depreciation may be calculated on individual assets or groups of assets.
- The salvage value will be set at 25% of the original cost of the asset, unless that asset does not require depreciation.

- Works of Art and Historical Treasures are recorded at historical cost. Depreciation is not required for those collections that are inexhaustible.
- An annual inventory will be conducted in July of each year. The Deputy Treasurer will prepare asset lists for each department to inventory. The IPOC will submit the list back to the Deputy Treasurer with any new inventory items that were missed or any items that were retired, transferred, or broken and irreparable.

Responsibility for Enforcement

The City Manager, Deputy City Manager, and Finance Director will be responsible for ensuring that this policy is followed and/or updated as necessary.

Appendix A

Budget Process Calendar

November 1 – December 31: CIP Process Beings

- Forms are distributed to department heads
- Research possible project submissions

January 1 – January 31: Project/Capital requests submitted to Deputy City Manager for Review

- Deputy City Manager and Finance Director reviews requests and formats list of projects

February 1 – March 31: Projects/Capital Requests reviewed by the Capital Improvement Committee

- Department heads will present their five year needs to the committee.
- Committee will make recommendations for the budget document based on priorities.

No later than 2nd Monday in April – Proposed CIP submitted to City Council as part of the entire budget document

- Public Budget Workshops are held to review projects and hear public input .

Following the Budget Workshops and Prior to June 30 – CIP adopted by City Council

- The entire budget, including CIP, is voted on by City Council.

City of Ellsworth
Fixed Asset Policy and Procedures

In June 1999, the Governmental Accounting Standards Board, (GASB) issued a new reporting model for governmental entities. The objectives of GASB 34, are to establish a basic financial reporting model that will result in greater accountability by governments through providing more useful information to a wider range of users. A portion of GASB 34 involves the maintenance of fixed asset records.

An Inventory Point of Contact (IPOC) will be selected from each department. The IPOC will be responsible for tracking inventory within their department, conducting an annual inventory for their department, and furnishing a copy of an invoice for any new fixed assets to the Deputy Treasurer. The Deputy Treasurer is responsible for overseeing all inventory items, recording inventory in a Microsoft Access Database, and determining salvage values, useful lives, and depreciation amounts for each asset.

The following rules will apply to the City of Ellsworth's Fixed Asset Inventory:

- All property should be recorded at cost including freight, installation, and other charges incurred to place that asset in use.
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- Depreciation may be calculated on individual assets or groups of assets.
- The salvage value will be set at 25% of the original cost of the asset, unless that asset does not require depreciation. (See Rule Below)
- Works of Art and Historical Treasures are recorded at historical cost. Depreciation is not required for those collections that are inexhaustible.
- An annual inventory will be conducted in July of each year. The Deputy Treasurer will prepare asset lists for each department to inventory. The IPOC will submit the list back to the Deputy Treasurer with any new inventory items that were missed or any items that were retired, transferred, or broken and irreparable.
- Suggested useful lives for capital assets are per attachment #1.
- Asset categories are per attachment #2.

*Per GFOA recommendation, the threshold has been increased from $500 to $5,000 beginning FY 2007.

ATTACHMENT #2

The following is a list of the average estimated useful lives for the City of Ellsworth's fixed assets.

	Estimated Useful Life in Years
Athletic Equipment	10
Appliances/food service equipment	10
Audio/Visual Equipment	7
Books, multi-media materials	5
Business Machines	7
Communications Equipment	10
Computer Software	5
Contractors/construction equipment	12
Computer Equipment	5
Fire Department Equipment	12
Furniture	20
Grounds, agricultural equipment	15
Lab, science equipment	10
Law enforcement equipment	10
Licensed Vehicles	6
Machinery and tools	15
Musical Instruments	10
Outdoors recreational equipment	15
Stage and auditorium equipment	20
Custodial Equipment	15
Photocopiers	5

Total Debt Payments
FY 2021 - FY 2030

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
City										
Local Roads	189,902.50									
Moore Community Ctr	335,750.00	326,350.00	314,350.00	309,750.00	304,862.50	298,825.00	291,925.00	285,025.00	278,125.00	271,225.00
Beechland Road	168,375.00	162,375.00	157,875.00	154,875.00	151,687.50					
Knowlton Park	95,412.50	92,012.50	89,462.50	87,762.50	85,956.25					
2017 Bond	158,950.05	158,950.05	158,950.05	158,950.05	158,950.05	158,950.05	158,950.05			
2019 Bond	389,713.21	380,360.64	371,008.06	361,655.48	352,302.90	342,950.32	333,597.74	324,245.16	314,892.58	
Server Lease	32,585.63	32,585.63	32,585.63	32,585.63						
SCBA Lease	51,943.61	51,943.61	51,943.61	51,943.61						
Proposed Financing		295,158.08	285,686.14	276,214.21	266,742.27	257,270.34	66,000.00	63,800.00	61,600.00	59,400.00
Total City	**1,422,632.50**	**1,499,735.51**	**1,461,860.99**	**1,433,736.48**	**1,320,501.47**	**1,057,995.71**	**850,472.79**	**673,070.16**	**654,617.58**	**330,625.00**
School										
2010 Bond (State Reimb)	2,429,376.96	2,326,164.41	2,251,661.87	2,192,475.63	2,104,579.38	2,024,023.91	1,975,664.87	1,936,845.17	1,898,025.48	1,859,205.79
2010 Bond (Local Portion)	95,053.94	91,015.55	88,100.50	85,784.74	82,345.63	79,193.75	77,301.61	75,782.71	74,263.82	72,744.94
2015 Bond	162,400.00									
Subtotal	**2,686,830.90**	**2,417,179.96**	**2,339,762.37**	**2,278,260.37**	**2,186,925.01**	**2,103,217.66**	**2,052,966.48**	**2,012,627.88**	**1,972,289.30**	**1,931,950.73**
State Reimbursement	(2,429,376.96)	(2,326,164.41)	(2,251,661.87)	(2,192,475.63)	(2,104,579.38)	(2,024,023.91)	(1,975,664.87)	(1,936,845.17)	(1,898,025.48)	(1,859,205.79)
Total School	**257,453.94**	**91,015.55**	**88,100.50**	**85,784.74**	**82,345.63**	**79,193.75**	**77,301.61**	**75,782.71**	**74,263.82**	**72,744.94**
Water										
High Street Bond	8,485.50	8,485.50	8,485.50	8,485.50	8,485.50					
Water Street Bond	14,956.00	14,956.00	14,956.00	14,956.00	14,956.00	14,956.00	14,956.00	14,956.00		
Conservation Bond	159,870.38									
2019 DWSRF Bond	65,020.95	64,467.57	63,914.20	63,360.83	62,807.46	62,254.09	61,700.72	61,147.35	60,593.98	59,024.58
2020 SRF Bond*	81,110.40	79,951.68	78,792.96	77,634.24	76,475.52	75,316.80	74,158.08	72,999.36	71,840.64	70,681.92
Proposed Financing		84,500.00	81,800.00	79,100.00	76,400.00	73,700.00	21,000.00	20,300.00	19,600.00	18,900.00
Total Water	**329,443.23**	**252,360.75**	**247,948.66**	**243,536.57**	**239,124.48**	**226,226.89**	**171,814.80**	**169,402.71**	**152,034.62**	**148,606.50**
Wastewater										
2009 ARRA Bond	62,671.04	62,671.04	62,671.04	62,671.04	62,671.04	62,671.04	62,671.04	62,671.04	62,671.04	
2011 CWSRF (TIF Funded)	211,281.00									
2011 CWSRF Bond	81,147.08	80,269.53	79,391.95	78,514.38	77,636.82	76,759.24	75,881.66	75,004.11	74,126.53	73,248.98
2012 CWSRF Bond	14,477.40	14,348.71	14,220.02	14,091.33	13,962.64	13,833.95	13,705.27	13,576.59	13,447.90	13,319.21
2015 Bond	422,550.00	412,150.00	404,350.00	399,150.00	393,625.00	386,800.00	379,000.00	371,200.00	363,400.00	355,600.00
Proposed Financing		126,000.00	122,400.00	118,800.00	115,200.00	111,600.00	108,000.00	104,400.00	100,800.00	97,200.00
Total Wastewater	**792,126.52**	**695,439.28**	**683,033.01**	**673,226.75**	**663,095.50**	**651,664.23**	**639,257.97**	**626,851.74**	**614,445.47**	**539,368.19**
Total Debt Payments	**2,801,656.19**	**2,538,551.09**	**2,480,943.16**	**2,436,284.54**	**2,305,067.08**	**2,015,080.58**	**1,738,847.17**	**1,545,107.32**	**1,495,361.49**	**1,091,344.63**

$1,892,000 Bank of New York - Local Roads Bond (1070700-53107)

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
10/1/2011		10,368.13	10,368.14	
4/1/2012	192,000.00	17,606.25	209,606.25	192,000.00
10/1/2012		16,166.25	16,166.25	
4/1/2013	190,000.00	16,166.25	206,166.25	190,000.00
10/1/2013		14,741.25	14,741.25	
4/1/2014	190,000.00	14,741.25	204,741.25	190,000.00
10/1/2014		13,316.25	13,316.25	
4/1/2015	190,000.00	13,316.25	203,316.25	190,000.00
10/1/2015		11,891.25	11,891.25	
4/1/2016	190,000.00	11,891.25	201,891.25	190,000.00
10/1/2016		10,276.25	10,276.25	
4/1/2017	190,000.00	10,276.25	200,276.25	190,000.00
10/1/2017		8,661.25	8,661.25	
4/1/2018	190,000.00	8,661.25	198,661.25	190,000.00
10/1/2018		6,761.25	6,761.25	
4/1/2019	190,000.00	6,761.25	6,761.25	190,000.00
10/1/2019		4,671.25	4,671.25	
4/1/2020	185,000.00	4,671.25		
10/1/2020		2,451.25		
4/1/2021	185,000.00	2,451.25		
	1,892,000.00	205,846.88	1,528,273.14	1,522,000.00

OUTSTANDING *$* ***370,000.00***

2015 GOB
BANK OF NEW YORK
MOORE COMMUNITY CENTER PROJECT (1070700-53113)

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
12/1/2015	236,000.00	88,952.50	324,952.50	236,000.00
6/1/2016		71,525.00	71,525.00	
12/1/2016	235,000.00	71,525.00	306,525.00	235,000.00
6/1/2017		66,825.00	66,825.00	
12/1/2017	235,000.00	66,825.00	301,825.00	235,000.00
6/1/2018		62,125.00	62,125.00	
12/1/2018	235,000.00	62,125.00	297,125.00	235,000.00
6/1/2019		57,425.00	57,425.00	
12/1/2019	235,000.00	57,425.00	57,425.00	235,000.00
6/1/2020		52,725.00		
12/1/2020	235,000.00	52,725.00		
6/1/2021		48,025.00		
12/1/2021	235,000.00	48,025.00		
6/1/2022		43,325.00		
12/1/2022	230,000.00	43,325.00		
6/1/2023		41,025.00		
12/1/2023	230,000.00	41,025.00		
6/1/2024		38,725.00		
12/1/2024	230,000.00	38,725.00		
6/1/2025		36,137.50		
12/1/2025	230,000.00	36,137.50		
6/1/2026		32,687.50		
12/1/2026	230,000.00	32,687.50		
6/1/2027		29,237.50		
12/1/2027	230,000.00	29,237.50		
6/1/2028		25,787.50		
12/1/2028	230,000.00	25,787.50		
6/1/2029		22,337.50		
12/1/2029	230,000.00	22,337.50		
6/1/2030		18,887.50		
12/1/2030	230,000.00	18,887.50		
6/1/2031		15,437.50		
12/1/2031	230,000.00	15,437.50		
6/1/2032		11,700.00		
12/1/2032	230,000.00	11,700.00		
6/1/2033		7,962.50		
12/1/2034	230,000.00	7,962.50		
6/1/2035		3,937.50		
12/1/2035	225,000.00	3,937.50		
	4,631,000.00	**1,460,627.50**	1,545,752.50	1,176,000.00

2015 GOB
BANK OF NEW YORK

OUTSTANDING *$ 3,455,000.00*

BEECHLAND ROAD PROJECT (1070700-53111)

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
12/1/2015	154,000.00	30,178.75	184,178.75	154,000.00
6/1/2016		22,787.50	22,787.50	
12/1/2016	155,000.00	22,787.50	177,787.50	155,000.00
6/1/2017		19,687.50	19,687.50	
12/1/2017	150,000.00	19,687.50	169,687.50	150,000.00
6/1/2018		16,687.50	16,687.50	
12/1/2018	150,000.00	16,687.50	166,687.50	150,000.00
6/1/2019		13,687.50	13,687.50	
12/1/2019	150,000.00	13,687.50	13,687.50	150,000.00
6/1/2020		10,687.50		
12/1/2020	150,000.00	10,687.50		
6/1/2021		7,687.50		
12/1/2021	150,000.00	7,687.50		
6/1/2022		4,687.50		
12/1/2022	150,000.00	4,687.50		
6/1/2023		3,187.50		
12/1/2023	150,000.00	3,187.50		
6/1/2024		1,687.50		
12/1/2024	150,000.00	1,687.50		
6/1/2025				
	1,509,000.00	**231,753.75**	784,878.75	759,000.00

OUTSTANDING *$ 750,000.00*

KNOWLTON PARK PROJECT (1070700-53112)

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
12/01/215	85,000.00	16,982.29	101,982.29	**85,000.00**
6/1/2016		12,856.25	12,856.25	
12/1/2016	85,000.00	12,856.25	97,856.25	**85,000.00**
6/1/2017		11,156.25	11156.25	
12/1/2017	85,000.00	11,156.25	96,156.25	**85,000.00**
6/1/2018		9,456.25	9,456.25	
12/1/2018	85,000.00	9,456.25	94,456.25	85,000.00
6/1/2019		7,756.25	7,756.25	
12/1/2019	85,000.00	7,756.25	7,756.25	85,000.00
6/1/2020		6,056.25		

2015 GOB
BANK OF NEW YORK

12/1/2020	85,000.00	6,056.25		
6/1/2021		4,356.25		
12/1/2021	85,000.00	4,356.25		
6/1/2022		2,656.25		
12/1/2022	85,000.00	2,656.25		
6/1/2023		1,806.25		
12/1/2023	85,000.00	1,806.25		
6/1/2024		956.25		
12/1/2024	85,000.00	956.25		
	850,000.00	**131,094.79**	**439,432.29**	**425,000.00**

OUTSTANDING ***$ 425,000.00***

2017 Bond - First National Bank

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
7/1/2017	125,644.05	33,306.00	158,950.05	125,644.05
7/1/2018	128,715.96	30,234.09	158,950.05	128,715.96
7/1/2019	131,769.74	27,180.31	158,950.05	131,786.08
7/1/2020	134,830.08	24,119.97		
7/1/2021	138,094.82	20,855.23		
7/1/2022	141,371.12	17,578.93		
7/1/2023	144,725.15	14,224.90		
7/1/2024	148,129.19	10,820.86		
7/1/2025	151,673.12	7,276.93		
7/1/2026	155,046.77	3,668.41		
	1,400,000.00	189,265.63	476,850.15	386,146.09

OUTSTANDING ***$ 1,013,853.91***

2019 Bond - Key Bank

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
10/1/2019	305,540.00	65,727.85	371,267.85	305,540.00
10/1/2020	305,540.00	84,173.21		
10/1/2021	305,540.00	74,820.64		
10/1/2022	305,540.00	65,468.06		
10/1/2023	305,540.00	56,115.48		
10/1/2024	305,540.00	46,762.90		
10/1/2025	305,540.00	37,410.32		
10/1/2026	305,540.00	28,057.74		
10/1/2027	305,540.00	18,705.16		
10/1/2028	305,540.00	9,352.58		
	3,055,400.00	486,593.94	371,267.85	305,540.00

OUTSTANDING ***$ 2,749,860.00***

Server Lease - Gorham Savings Bank

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
12/14/2018	32,585.63	0.00	32,585.63	32,585.63
12/14/2019	28,178.06	4,407.57	32,585.63	28,178.06
12/14/2020	29,220.65	3,364.98		
12/14/2021	30,301.81	2,283.82		
12/14/2022	31,422.99	1,162.64		
	151,709.14	11,219.01	65,171.26	60,763.69

OUTSTANDING ***$ 90,945.45***

SCBA Lease - Gorham Savings Bank

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
10/15/2019	46,238.43	5,705.18	51,943.61	46,238.43
10/15/2020	45,021.77	6,921.84		
10/15/2021	46,660.56	5,283.05		
10/15/2022	48,359.00	3,584.61		
10/15/2023	50,119.24	1,824.37		
	236,399.00	23,319.05	51,943.61	46,238.43

OUTSTANDING ***$ 190,160.57***

School Bond (0128)

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
11/1/2010		1,122,808.25	1,122,808.25	
5/1/2011		704,200.30	704,200.30	
11/1/2011	1,839,795.95	704,200.30	2,543,996.25	1,839,795.95
5/1/2012		652,594.02	652,594.02	
11/1/2012	1,839,795.95	652,594.02	2,492,389.97	1,839,795.95
5/1/2013		600,987.74	600,987.74	
11/1/2013	1,839,795.95	600,987.74	2,440,783.69	1,839,795.95
5/1/2014		549,381.47	549,381.47	
11/1/2014	1,839,795.95	549,381.47	2,389,177.42	1,839,795.95
5/1/2015		509,099.14	509,099.14	
11/1/2015	1,839,795.95	509,099.14	2,348,895.09	1,839,795.95
5/1/2016		489,689.29	489,689.29	
11/1/2016	1,839,795.95	489,689.29	2,329,485.24	1,839,795.95
5/1/2017		470,279.44	470,279.44	
11/1/2017	1,839,795.95	470,279.44	2,310,075.39	1,839,795.95
5/1/2018		423,806.20	423,806.20	
11/1/2018	1,839,795.95	423,806.20	2,263,602.15	1,839,795.95
5/1/2019		372,199.92	372,199.92	
11/1/2019	1,839,795.95	372,199.92	2,211,995.87	1,839,795.95
5/1/2020		320,593.64		
11/1/2020	1,839,795.95	320,593.64		
5/1/2021		268,987.37		
11/1/2021	1,839,795.95	268,987.37		
5/1/2022		217,381.09		
11/1/2022	1,839,795.95	217,381.09		
5/1/2023		194,484.83		
11/1/2023	1,839,795.95	194,484.83		
5/1/2024		158,194.85		
11/1/2024	1,839,795.95	158,194.85		
5/1/2025		106,588.58		
11/1/2025	1,839,795.94	106,588.58		
5/1/2026		77,639.39		
11/1/2026	1,839,795.94	77,639.39		
5/1/2027		58,229.54		
11/1/2027	1,839,795.94	58,229.54		
5/1/2028		38,819.69		
11/1/2028	1,839,795.94	38,819.69		
5/1/2029		19,409.85		
11/1/2029	1,839,795.94	19,409.85		
	34,956,123.00	13,587,940.95	27,225,446.84	16,558,163.55

OUTSTANDING ***$ 18,397,959.45***

EEMS - Local Only

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
11/1/2010		$ 43,931.98	$ 43,931.98	
5/1/2011		$ 27,553.16	$ 27,553.16	
11/1/2001	$ 71,985.47	$ 27,553.16	$ 99,538.63	$ 71,985.47
5/1/2012		$ 25,533.97	$ 25,533.97	$ -
11/1/2012	$ 71,985.47	$ 25,533.97	$ 97,519.44	$ 71,985.47
5/1/2013		$ 23,514.77	$ 23,514.77	$ -
11/1/2013	$ 71,985.47	$ 23,514.77	$ 95,500.24	$ 71,985.47
5/1/2014		$ 21,495.58	$ 21,495.58	$ -
11/1/2014	$ 71,985.47	$ 21,495.58	$ 93,481.05	$ 71,985.47
5/1/2015		$ 19,919.46	$ 19,919.46	$ -
11/1/2015	$ 71,985.47	$ 19,919.46	$ 91,904.93	$ 71,985.47
5/1/2016		$ 19,160.01	$ 19,160.01	$ -
11/1/2016	$ 71,985.47	$ 19,160.01	$ 19,160.01	$ 71,985.47
5/1/2017		$ 18,400.57	$ 18,400.57	
11/1/2017	$ 71,985.47	$ 18,400.57	$ 18,400.57	$ 71,985.47
5/1/2018		$ 16,582.21	$ 18,400.57	
11/1/2018	$ 71,985.47	$ 16,582.21	$ 88,567.68	$ 71,985.47
5/1/2019		$ 14,563.02	$ 14,563.02	
11/1/2019	$ 71,985.47	$ 14,563.02	$ 86,548.49	$ 71,985.47
5/1/2020		$ 12,543.83		
11/1/2020	$ 71,985.47	$ 12,543.83		
5/1/2021		$ 10,524.64		
11/1/2021	$ 71,985.47	$ 10,524.64		
5/1/2022		$ 8,505.44		
11/1/2022	$ 71,985.47	$ 8,505.44		
5/1/2023		$ 7,609.59		
11/1/2023	$ 71,985.48	$ 7,609.59		
5/1/2024		$ 6,189.67		
11/1/2024	$ 71,985.48	$ 6,189.67		
5/1/2025		$ 4,170.48		
11/1/2025	$ 71,985.48	$ 4,170.48		
5/1/2026		$ 3,037.79		
11/1/2026	$ 71,985.48	$ 3,037.79		
5/1/2027		$ 2,278.34		
11/1/2027	$ 71,985.48	$ 2,278.34		
5/1/2028		$ 1,518.89		
11/1/2028	$ 71,985.48	$ 1,518.89		
5/1/2029		$ 759.45		
11/1/2029	$ 71,985.48	$ 759.46		
	$ 1,367,724.00	***$ 531,653.73***	***$ 923,094.13***	***$ 647,869.23***
OUTSTANDING	**$ 719,854.77**			

2015 GOB
BANK OF NEW YORK
SCHOOL PROJECTS

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
9/1/2015		$ 6,400.00	$ 6,400.00	
3/1/2016		$ 9,600.00	$ 9,600.00	
9/1/2016	$ 160,000.00	$ 9,600.00	$ 169,600.00	$ 160,000.00
3/1/2017		$ 8,000.00	$ 8,000.00	
9/1/2017	$ 160,000.00	$ 8,000.00	$ 168,000.00	$ 160,000.00
3/1/2018		$ 6,400.00	$ 6,400.00	
9/1/2018	$ 160,000.00	$ 6,400.00	$ 166,400.00	$ 160,000.00
3/1/2019		$ 4,800.00	$ 4,800.00	
9/1/2019	$ 160,000.00	$ 4,800.00	$ 164,800.00	$ 160,000.00
3/1/2020		$ 2,400.00		
9/1/2020	$ 160,000.00	$ 2,400.00		
	$ 800,000.00	**$ 68,800.00**	**$ 704,000.00**	**$ 640,000.00**
OUTSTANDING	***$ 160,000.00***			

2005 MAINE BOND BANK
DWSRF HIGH STREET TIE IN

High Street Bond - MMBB (65-20831)

YEAR	PRINCIPAL	PAID	INTEREST	TOTAL PAID PER YEAR
2005		0.00	0.00	68,111.00
2006	8,485.50	8,485.50	0.00	8,485.50
2007	8,485.50	8,485.50	0.00	8,485.50
2008	8,485.50	8,485.50	0.00	8,485.50
2009	8,485.50	8,485.50	0.00	8,485.50
2010	8,485.50	8,485.50	0.00	8,485.50
2011	8,485.50	8,485.50	0.00	8,485.50
2012	8,485.50	8,485.50	0.00	8,485.50
2013	8,485.50	8,485.50	0.00	8,485.50
2014	8,485.50	8,485.50	0.00	8,485.50
2015	8,485.50	8,485.50	0.00	8,485.50
2016	8,485.50	8,485.50	0.00	8,485.50
2017	8,485.50	8,485.50	0.00	8,485.50
2018	8,485.50	8,485.50	0.00	8,485.50
2019	8,485.50	8,485.50	0.00	8,485.50
2020	8,485.50		0.00	8,485.50
2021	8,485.50		0.00	8,485.50
2022	8,485.50		0.00	8,485.50
2023	8,485.50		0.00	8,485.50
2024	8,485.50		0.00	8,485.50
2025	8,485.50		0.00	8,485.50
				0.00
	169,710.00	118,797.00	0.00	237,821.00

OUTSTANDING ***$ 50,913.00***

2008 MAINE MUNICIPAL BOND BANK
SRF OAK STREET
Water Street Bond - MMBB (65-20834)

YEAR	PRINCIPAL	PAID	INTEREST	TOTAL PAID PER YEAR
2009	1,000.00	1,000.00		1,000.00
2010	1,000.00	1,000.00		1,000.00
2011	14,956.00	14,956.00		14,956.00
2012	14,956.00	14,956.00		14,956.00
2013	14,956.00	14,956.00		14,956.00
2014	14,956.00	14,956.00		14,956.00
2015	14,956.00	14,956.00		14,956.00
2016	14,956.00	14,956.00		14,956.00
2017	14,956.00	14,956.00		14,956.00
2018	14,956.00	14,956.00		14,956.00
2019	14,956.00	14,956.00		14,956.00
2020	14,956.00			0.00
2021	14,956.00			0.00
2022	14,956.00			0.00
2023	14,956.00			0.00
2024	14,956.00			0.00
2025	14,956.00			0.00
2026	14,956.00			0.00
2027	14,956.00			0.00
2028	14,956.00			0.00
	271,208.00	136,604.00	0.00	136,604.00

OUTSTANDING ***$*** ***134,604.00***

2010 CONSERVATION EASEMENT BOND (MMBB) (65-20830)

YEAR	PRINCIPAL	INTEREST	MMBB ADMIN FEE	PAID	PRINCIPAL PAID
4/1/2011		9,300.42	465.02	9,765.44	
10/1/2011	151,500.00	7,575.00	7,953.75	167,028.75	151,500.00
4/1/2012		6,817.50	340.88	7,158.38	
10/1/2012	151,500.00	6,817.50	7,915.88	166,233.38	151,500.00
4/1/2013		6,060.00	303.00	6,363.00	
10/1/2013	151,500.00	6,060.00	7,878.00	165,438.00	151,500.00
4/1/2014		5,302.50	265.13	5,567.63	
10/1/2014	151,500.00	5,302.50	7,840.13	164,642.63	151,500.00
4/1/2015		4,545.00	227.25	4,772.25	
10/1/2015	151,500.00	4,545.00	7,802.25	163,847.25	151,500.00
4/1/2016		3,787.50	189.38	3,976.88	
10/1/2016	151,500.00	3,787.50	7,764.38	163,051.88	151,500.00
4/1/2017		3,030.00	151.50	3,181.50	
10/1/2017	151,500.00	3,030.00	7,726.50	162,256.50	151,500.00
4/1/2018		2,272.50	113.63	2,386.13	
10/1/2018	151,500.00	2,272.50	7,688.63	161,461.13	151,500.00
4/1/2019		1,515.00	75.75	1,590.75	
10/1/2019	151,500.00	1,515.00	7,650.75	160,665.75	151,500.00
4/1/2020		757.50	37.88		
10/1/2020	151,500.00	757.50	7,612.88		
	1,515,000.00	85,050.42	80,002.57	1,519,387.23	1,363,500.00

OUTSTANDING ***$ 151,500.00***

2019 DWSRF

YEAR	PRINCIPAL	MMBB ADMIN FEE	INTEREST	PAID	PRINCIPAL PAID
4/1/2019	5,000.00	324.20	1,484.09	6,808.29	5,000.00
10/1/2019	51,810.00	2,836.60	4,921.97	59,568.57	51,810.00
4/1/2020		233.15	4,662.92		
10/1/2020	51,810.00	2,823.65	4,662.92		
4/1/2021		220.19	4,403.87		
10/1/2021	51,810.00	2,810.69	4,403.87		
4/1/2022		207.24	4,144.82		
10/1/2022	51,810.00	2,797.74	4,144.82		
4/1/2023		194.29	3,885.77		
10/1/2023	51,810.00	2,784.79	3,885.77		
4/1/2024		181.34	3,626.72		
10/1/2024	51,810.00	2,771.84	3,626.72		
4/1/2025		168.38	3,367.67		
10/1/2025	51,810.00	2,758.88	3,367.67		
4/1/2026		155.43	3,108.62		
10/1/2026	51,810.00	2,745.93	3,108.62		
4/1/2027		142.48	2,849.57		
10/1/2027	51,810.00	2,732.98	2,849.57		
4/1/2028		129.53	2,590.52		
10/1/2028	51,810.00	2,720.03	2,590.52		
4/1/2029		116.57	2,331.47		
10/1/2029	51,810.00	2,707.07	2,331.47		
4/1/2030		103.62	2,072.42		
10/1/2030	51,810.00	2,694.12	2,072.42		
4/1/2031		90.67	1,813.37		
10/1/2031	51,810.00	2,681.17	1,813.37		
4/1/2032		77.72	1,554.32		
10/1/2032	51,810.00	2,668.22	1,554.32		
4/1/2033		64.76	1,295.27		
10/1/2033	51,810.00	2,655.26	1,295.27		
4/1/2034		51.81	1,036.22		
10/1/2034	51,810.00	2,642.31	1,036.22		
4/1/2035		38.86	777.17		
10/1/2035	51,810.00	2,629.41	777.17		
4/1/2036		25.91	518.11		
10/1/2036	51,810.00	2,616.46	518.11		
4/1/2037		12.95	259.06		
8/1/1937	51,811.74	2,599.22	172.71		
	989,391.74	54,215.47	94,915.49	66,376.86	56,810.00

STANDING ***$ 932,581.74***

MMBB 2009 ARRA (6036360-54010)

YEAR	PRINCIPAL	MMBB ADMIN FEE	DEP ADMIN FEE	DEP MGMT FEE	PAID	PRINCIPAL PAID
10/1/2009	29,843.35	447.65	1,044.52	15,000.00	46,335.52	29,843.35
/1/2010	29,843.35	447.65	1,044.52	15,000.00	46,335.52	29,843.35
0/1/2010	29,843.35	447.65	1,044.52	15,000.00	46,335.52	29,843.35
4/1/2011	29,843.35	447.65	1,044.52	15,000.00	46,335.52	29,843.35
10/1/2011	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2012	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2012	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2013	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2013	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2014	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2014	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2015	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2015	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2016	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2016	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2017	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2017	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2018	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2018	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2019	29,843.35	447.65	1,044.52		31,335.52	29,843.35
10/1/2019	29,843.35	447.65	1,044.52		31,335.52	29,843.35
4/1/2020	29,843.35	447.65	1,044.52			
10/1/2020	29,843.35	447.65	1,044.52			
4/1/2021	29,843.35	447.65	1,044.52			
10/1/2021	29,843.35	447.65	1,044.52			
/1/2022	29,843.35	447.65	1,044.52			
/1/2022	29,843.35	447.65	1,044.52			
4/1/2023	29,843.35	447.65	1,044.52			
10/1/2023	29,843.35	447.65	1,044.52			
4/1/2024	29,843.35	447.65	1,044.52			
10/1/2024	29,843.35	447.65	1,044.52			
4/1/2025	29,843.35	447.65	1,044.52			
10/1/2025	29,843.35	447.65	1,044.52			
4/1/2026	29,843.35	447.65	1,044.52			
10/1/2026	29,843.35	447.65	1,044.52			
4/1/2027	29,843.35	447.65	1,044.52			
10/1/2027	29,843.35	447.65	1,044.52			
4/1/2028	29,843.35	447.65	1,044.52			
10/1/2028	29,843.35	447.65	1,044.52			
4/1/2029	29,843.35	447.65	1,044.52			
	1,193,734.00	17,906.00	41,780.80	60,000.00	718,045.92	626,710.35

OUTSTANDING ***$ 567,023.65***

2011 CWSRF (6036360-54012)

YEAR	PRINCIPAL	MMBB ADMIN FEE	DEP ADMIN FEE	INTEREST	DEP MGMT FEE	PRINC FORGIVE	PAID	PRINCIPAL PAID
3/1/2011								
10/1/2011	200,000.00	3,000.00	7,000.00		15,000.00		225,000.00	200,000.00
1/2012					15,000.00		15,000.00	
0/1/2012	200,000.00	3,000.00	7,000.00		15,000.00		225,000.00	200,000.00
1/2013					15,000.00		15,000.00	
10/1/2013	200,000.00	3,146.40	7,341.60	9,760.00			220,248.00	200,000.00
4/1/2014		128.10	298.90	8,540.00			8,967.00	
10/1/2014	200,000.00	3,128.10	7,298.90	8,540.00			218,967.00	200,000.00
4/1/2015		109.80	256.20	7,320.00			7,686.00	
10/1/2015	200,000.00	3,109.80	7,256.20	7,320.00			217,686.00	200,000.00
4/1/2016		91.50	213.50	6,100.00			6,405.00	
10/1/2016	200,000.00	3,091.50	7,213.50	6,100.00			216,405.00	200,000.00
4/1/2017		73.20	170.80	4,880.00			5,124.00	
10/1/2017	200,000.00	3,073.20	7,170.80	4,880.00			215,124.00	200,000.00
4/1/2018		54.90	128.10	3,660.00			3,843.00	
10/1/2018	200,000.00	3,054.90	7,128.10	3,660.00			213,843.00	200,000.00
4/1/2019		36.60	85.40	2,440.00			2,562.00	
10/1/2019	200,000.00	3,036.60	7,085.40	2,440.00			212,562.00	200,000.00
4/1/2020		18.30	42.70	1,220.00				
10/1/2020	200,000.00	3,018.30	7,042.70	1,220.00				
	2,000,000.00	31,171.20	72,732.80	78,080.00	60,000.00	0.00	2,029,422.00	1,800,000.00

OUTSTANDING ***$ 200,000.00***

2011 CWSRF (6036360-54011)

YEAR	PRINCIPAL	MMBB ADMIN FEE	DEP ADMIN FEE	INTEREST	DEP MGMT FEE	PRINC FORGIVE	PAID	PRINCIPAL PAID
3/1/2011								
10/1/2011	68,507.25	1,027.61	2,397.75		11,250.00		83,182.61	68,507.25
'1/2012					11,250.00		11,250.00	
0/1/2012	68,507.25	1,027.61	2,397.75		11,250.00		83,182.61	68,507.25
/1/2013					11,250.00		11,250.00	
10/1/2013	68,507.25	1,140.44	2,661.02	7,522.02			79,830.73	68,507.25
4/1/2014		106.56	248.64	7,104.13			7,459.33	
10/1/2014	68,507.25	1,134.17	2,646.40	7,104.13			79,391.95	68,507.25
4/1/2015		100.29	234.02	6,686.24			7,020.55	
10/1/2015	68,507.25	1,127.90	2,631.77	6,686.24			78,953.16	68,507.25
4/1/2016		94.03	219.39	6,268.35			6,581.77	
10/1/2016	68,507.25	1,121.63	2,617.15	6,268.35			78,514.38	68,507.25
4/1/2017		87.76	204.77	5,850.46			6,142.99	
10/1/2017	68,507.25	1,115.37	2,602.52	5,850.46			78,075.60	68,507.25
4/1/2018		81.49	190.14	5,432.57			5,704.20	
10/1/2018	68,507.25	1,109.10	2,587.89	5,432.57			77,636.81	68,507.25
4/1/2019		75.22	175.51	5,014.68			5,265.41	
10/1/2019	68,507.25	1,102.83	2,573.27	5,014.68			77,198.03	68,507.25
4/1/2020		68.95	160.89	4,596.79				
10/1/2020	68,507.25	1,096.56	2,558.64	4,596.79				
4/1/2021		62.68	146.26	4,178.90				
10/1/2021	68,507.25	1,090.29	2,544.02	4,178.90				
4/1/2022		56.42	131.64	3,761.01				
10/1/2022	68,507.25	1,084.02	2,529.39	3,761.01				
4/1/2023		50.15	117.01	3,343.12				
10/1/2023	68,507.25	1,077.76	2,514.76	3,343.12				
4/1/2024		43.88	102.38	2,925.23				
10/1/2024	68,507.25	1,071.49	2,500.14	2,925.23				
4/1/2025		37.61	87.76	2,507.34				
10/1/2025	68,507.25	1,065.22	2,485.51	2,507.34				
4/1/2026		31.34	73.13	2,089.45				
10/1/2026	68,507.25	1,058.95	2,470.88	2,089.45				
'1/2027		25.07	58.50	1,671.56				
'/1/2027	68,507.25	1,052.68	2,456.26	1,671.56				
./2028		18.81	43.88	1,253.67				
10/1/2028	68,507.25	1,046.41	2,441.63	1,253.67				
4/1/2029		12.54	29.25	835.78				
10/1/2029	68,507.25	1,040.15	2,427.01	835.78				
4/1/2030		6.27	14.63	417.89				
10/1/2030	68,507.25	1,033.88	2,412.38	417.89				
	1,370,145.00	22,583.14	52,693.94	135,396.36	45,000.00	0.00	776,640.13	616,565.25

OUTSTANDING ***$ 753,579.75***

2012 CWSRF (6036360-54013)

YEAR	PRINCIPAL	MMBB ADMIN FEE	INTEREST	DEP ADMIN FEE	DEP MGMT FEE	PRINC FORGIVE	PAID	PRINCIPAL PAID
4/1/2013		18.38	1,225.60	42.90				
10/1/2013	12,256.00	202.22	1,225.60	471.86	0.00		14,155.68	12,256.00
4/1/2014		17.46	1,164.32	40.75	0.00		1,222.53	
10/1/2014	12,256.00	201.30	1,164.32	469.71	0.00		14,091.33	12,256.00
4/1/2015		16.55	1,103.04	38.61	0.00		1,158.20	
10/1/2015	12,256.00	200.39	1,103.04	467.57			14,027.00	12,256.00
4/1/2016		15.63	1,041.76	36.46			1,093.85	
10/1/2016	12,256.00	199.47	1,041.76	465.42			13,962.65	12,256.00
4/1/2017		14.71	980.48	34.32			1,029.51	
10/1/2017	12,256.00	198.55	980.48	463.28			13,898.31	12,256.00
4/1/2018		13.79	919.20	32.17			965.16	
10/1/2018	12,256.00	197.63	919.20	461.13			13,833.96	12,256.00
4/1/2019		12.87	857.92	30.03			900.82	
10/1/2019	12,256.00	196.71	857.92	458.99			13,769.62	12,256.00
4/1/2020		11.95	796.64	27.88				
10/1/2020	12,256.00	195.79	796.64	456.84				
4/1/2021		11.03	735.36	25.74				
10/1/2021	12,256.00	194.87	735.36	454.70				
4/1/2022		10.11	674.08	23.59				
10/1/2022	12,256.00	193.95	674.08	452.55				
4/1/2023		9.19	612.80	21.45				
10/1/2023	12,256.00	193.03	612.80	450.41				
4/1/2024		8.27	551.52	19.30				
10/1/2024	12,256.00	192.11	551.52	448.26				
4/1/2025		7.35	490.24	17.16				
10/1/2025	12,256.00	191.19	490.24	446.12				
4/1/2026		6.43	428.96	15.01				
10/1/2026	12,256.00	190.27	428.96	443.97				
4/1/2027		5.52	367.68	12.87				
10/1/2027	12,256.00	189.36	367.68	441.83				
4/1/2028		4.60	306.40	10.72				
10/1/2028	12,256.00	188.44	306.40	439.68				
4/1/2029		3.68	245.12	8.58				
10/1/2029	12,256.00	187.52	245.12	437.54				
4/1/2030		2.76	183.84	6.43				
10/1/2030	12,256.00	186.60	183.84	435.39				
4/1/2031		1.84	122.56	4.29				
10/1/2031	12,256.00	185.68	122.56	433.25				
4/1/2032		0.92	61.28	2.14				
10/1/2032	12,256.00	184.76	61.28	431.10				
	245,120.00	4,062.88	25,737.60	9,480.00	0.00	0.00	104,108.62	85,792.00

OUTSTANDING $ ***159,328.00***

2015 GOB
BANK OF NEW YORK
USDA FUNDING (6036360-54015)

YEAR	PRINCIPAL	INTEREST	PAID	PRINCIPAL PAID
12/1/2015	$ 261,000.00	128,210.83	389,210.83	261,000.00
6/1/2016		104,675.00	$ 104,675.00	
12/1/2016	$ 260,000.00	104,675.00	$ 364,675.00	260,000.00
6/1/2017		99,475.00	99475	
12/1/2017	$ 260,000.00	99,475.00	359,475.00	260,000.00
6/1/2018		94,275.00	94,275.00	
12/1/2018	$ 260,000.00	94,275.00	354,275.00	260,000.00
6/1/2019		89,075.00	89075	
12/1/2019	$ 260,000.00	89,075.00	$ 349,075.00	260,000.00
6/1/2020		83,875.00		
12/1/2020	$ 260,000.00	83,875.00		
6/1/2021		78,675.00		
12/1/2021	$ 260,000.00	78,675.00		
6/1/2022		73,475.00		
12/1/2022	$ 260,000.00	73,475.00		
6/1/2023		70,875.00		
12/1/2023	$ 260,000.00	70,875.00		
6/1/2024		68,275.00		
12/1/2024	$ 260,000.00	68,275.00		
6/1/2025		65,350.00		
12/1/2025	$ 260,000.00	65,350.00		
6/1/2026		61,450.00		
12/1/2026	$ 260,000.00	61,450.00		
6/1/2027		57,550.00		
12/1/2027	$ 260,000.00	57,550.00		
6/1/2028		53,650.00		
12/1/2028	$ 260,000.00	53,650.00		
6/1/2029		49,750.00		
12/1/2029	$ 260,000.00	49,750.00		
6/1/2030		45,850.00		
12/1/2030	$ 260,000.00	45,850.00		
6/1/2031		41,950.00		
12/1/2031	$ 260,000.00	41,950.00		
6/1/2032		37,725.00		
12/1/2032	$ 260,000.00	37,725.00		
6/1/2033		33,500.00		
12/1/2033	$ 260,000.00	33,500.00		
6/1/2034		28,950.00		
12/1/2034	$ 260,000.00	28,950.00		
6/1/2035		24,400.00		
12/1/2035	$ 260,000.00	24,400.00		
6/1/2036		19,850.00		

2015 GOB
BANK OF NEW YORK

12/1/2036	$ 260,000.00	19,850.00		
6/1/2037		15,300.00		
12/1/2037	$ 255,000.00	15,300.00		
6/1/2038		10,200.00		
12/1/2038	$ 255,000.00	10,200.00		
6/1/2039		5,100.00		
12/1/2039	$ 255,000.00	5,100.00		
6/1/2040				
	$ 6,486,000.00	**2,754,710.83**	**2,204,210.83**	**1,301,000.00**
OUTSTANDING	***$ 5,185,000.00***			

City [illegible]sworth
5 Year Capi[illegible]provement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
City Hall (Section 4)						
City Hall Renovation	110,000	1,500,000				1,610,000
Total City Hall	**110,000**	**1,500,000**	**0**	**0**	**0**	**1,610,000**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Facilities

CONTACT PERSON: Steve Joyal

PROJECT TITLE: City Hall Exterior Renovation

LOCATION: City Hall

DESCRIPTION OF PROPOSED PROJECT: To renovate the exterior (and portions of damaged interior) of city hall as recommended and outlined by Building Envelope Specialist, Inc. from their assessment of 2019. This building envelope assessment was requested to address the ongoing maintenance issues with the building. Needed work will include, cupola repair, chimney replacement, brick repointing, front stair rebuilding, Dirigo Crest repair, water infiltration mitigation, EPDM roof repair, along with other items from the 2019 building envelope assessment study.

JUSTIFICATION & USEFUL LIFE:

(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The last renovation of city hall was completed 22 years ago in 1998. Although the building is in fairly good condition, there are areas that are in need of immediate attention and repair to address safety concerns and the natural deterioration of building materials of this 85 year old structure. Although there are some items that could be put off for future consideration, there are many safety issues that need to be addressed in the short term. It would be more cost effective to tackle all the issues in one project, as those costs and the deterioration of building components will only increase as time goes on.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 110,000
Land Purchase:	$
Construction:	$1,500,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	**$ $1,610,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation and Bonding

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	110,000					
Land Acquisition						
Construction						
Other						
TOTAL COST	110,000	1,500,000				1,610,000
Maintenance & Operation Costs						

Building Envelope Specialists
SPECIALIZED BUILDING CONSULTANTS

November 12, 2019

City of Ellsworth Maine
1 City Hall Plaza
Ellsworth, ME 04605

Re: Ellsworth City Hall Envelope Repair Documents and Specifications

Dear Steve,
Thank you for the opportunity for Building Envelope Specialists, Inc. (BES) to submit a proposal for envelope consulting services on the Ellsworth City Hall located in Ellsworth, Maine.

Project Understanding:
As per your request, BES will provide a full set of envelope repair documents. To this end, BES will supply a laser scan of all building elevations to include the Town's crest on the south elevation of the structure, produce a set of envelope repair documents and specifications to include, masonry repairs, metal roofing repairs, EPDM roof replacement, roof flashing repairs and cupola repairs (including some structural modifications & window restoration, & re-roofing, copper work and wood trim repairs). Due to water management issues impacting the building's north elevation, BES has included an allowance for our Site/Civil consultant to provide civil engineering services in the form of a perimeter drainage design.

Additionally, due to the historic nature of the structure, BES will provide a mortar analysis of the building's existing mortar in order to assure masonry repairs are compliant with the historic integrity of the structure. Additionally, BES will provide all lift access and support services during the Pre-Design Phase. All expenses such as mileage and tolls, project insurance, and project related supplies are included as well.

Project Team:
- Scott R. Whitaker: Principal in Charge. (PIC)
- Phillip Gotts: Director of Design. (DD)
- Tim Dean PE: Director of Engineering. (DE)
- Gregg Norton: Senior Envelope Consultant (SEC)

Proposal:
The following proposal is broken down into a dollar value associated with an activity under a defined project phase. Miscellaneous project costs are included and defined in RED below. Please refer to the *Exclusions* section for items that are not included within this proposal. BES's fees for the outlined services are as follows:

Pre-Design Phase

• BES lift operator and project consultant. (Includes travel time)		$2,160.00
• 8 Hours of Project Management: SEC		$1,280.00
	Subtotal:	**$3,440.00**

Pre-Design Phase Expenses

• Laser Scan of building elevations to include the crest: Sebago Technics.		$7,150.00
• Mortar Testing and Analysis: Highbridge Materials Testing.		$1,900.00
• One day 85' Lift Rental: Sunbelt Rentals.		$1,500.00
• Project Insurance Fee:		$699.50
• Mileage and tolls:		$185.60
• Project Supplies:		$75.00
	Subtotal:	**$11,510.10**

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Design Phase

- **Phase 1 - 35% Construction Documents** to include: Annotated existing elevations, material R&D, masonry repairs, metal roofing repairs, EPDM roof replacement, roof flashing repairs and cupola repairs (including some structural modifications & window restoration, & reroofing, copper work and wood trim repairs). Roofing plan, quality control review and redline review. (Project Team) — $23,680.00

- 12 Hours of Project Management. (SEC) — $1,920.00

- **Phase 2 - 75% Construction Documents** to include: Masonry repairs, metal roofing repairs, EPDM roof replacement, roof flashing repairs and cupola repairs (including some structural modifications & window restoration, & re-roofing, copper work and wood trim repairs). Roofing plan, quality control review and redline review. (Project Team) — $23,680.00

- 8 Hours of Project Management. (SEC) — $1,280.00

- **Phase 3 - 100% Construction Documents** to include: Masonry repairs, metal roofing repairs, EPDM roof replacement, roof flashing repairs and cupola repairs (including some structural modifications & window restoration, re-roofing, copper work and wood trim repairs). Roofing plan, field check, quality control review and redline review. (Project Team) — $17,200.00

- 16 Hours of Project Management. (SEC) — $2,560.00

Subtotal: $70,320.00

Design Phase Expenses

- Site/Civil Drainage plan allowance: (CESUSA) — $15,000.00
- Project Insurance Fee: — $5,013.51
- Mileage and tolls: — $185.60
- Project Supplies: — $200.00

Subtotal: $20,399.11

Summary of Costs:

- Professional Services Fee: **$73,760.00**
- Project Expenses: **$31,909.21**

NOTE: The repair document package furnished under this proposal will include a stamp by a registered licensed design professional.

Percent of Project Budget Professional Services Fee Schedule:

BES estimates the cost of construction for this project will range from $1.1. million to $1.5 million. BES proposes a Percent of Construction Cost Professional Services Fee proposal for this project. As per standard AIA practice, BES has broken down the costs for each remaining phase of this project into "percent" basis. They are as follows:

- Design Phase (to include Pre-Design Services): 70%
- Bidding Phase: 6 % (Schedule TBD)
- Construction Administration: 24% (Schedule TBD).

Projects of this surgical nature reflect a total 9.5% of Construction Cost Professional Services Fee plus expenses. Hence, BES estimates that the low-end total for the percent basis professional services fee for the three remaining project phases will cost approximately $105,669.21 plus expenses.

Proposal Value: Design Phase: 70% of $105,669.21 equals approximately the calculated design number above at **$73,760.00**

This project will be scheduled after the return of the accepted proposal. Any services added to the outlined scope will be considered a change order to the contract and will be invoiced per an agreed upon sum.

Exclusions:

- Removal and replacement of city's crest.
- No public presentations at city or state level.
- Consulting or Testing for hazardous materials.
- Removal of any building materials during the design phase.
- Consulting on the structural elements of the building.
- Bidding consulting services.
- Value Engineering.
- Construction administration services.

Invoicing Procedure Terms & Conditions:

BES will invoice monthly for our services based on the completion percentage of each task. These financial arrangements allow Net 30 payment terms for all invoices assuming orderly and continuous progress of the project through to completion. Unpaid invoices over Net 30 shall accrue interest at the rate of 1.5% per month plus any costs of collection for the unpaid balance. BES will perform the services described above in a good and workmanlike fashion. Any defects in the work performed must be brought to BES's attention in writing within 30 days of completion in order for BES to be responsible for any loss, liability or damage related thereto. BES disclaims all warranties of merchantability and fitness for a particular purpose and provides only the limited warranty set forth in this paragraph. BES shall be liable only for its recklessness or willful misconduct in the performance of the services contemplated by this agreement. In any event, BES's aggregate liability for any and all loss, liability, expense or damage received by the client arising out of the subject matter of this agreement shall not exceed any amounts payable pursuant to insurance coverages maintained by BES.

Authorization:

This Proposal with Terms and Conditions constitute the entire AGREEMENT between you and BES. This Proposal will be open for acceptance for 30 days from the date of this proposal, unless extended by BES in writing.

We look forward to the opportunity to provide professional consulting services to you on this important project. If this proposal satisfactorily sets forth your understanding of our agreement, please sign and return a copy of this letter to us.

If you have any questions, please call my office at 207-400-0086.

Regards,

Scott R. Whitaker-President
Building Envelope Specialists, Inc.

Acceptance: ______________________________ **Date:** ______________

{W6939639.3}

Building Envelope Specialists
SPECIALIZED BUILDING CONSULTANTS
1 Madison Street South Portland, ME 04106

FINDINGS REPORT

CLIENT City of Ellsworth, Maine

Contacts: **Steve Joyal**
Facilities Manager

Add Index

PURPOSE OF SITE VISIT(S)

To provide a visual inspection of the exterior assemblies of the building in order to witness any building deficiencies that may be contributing towards life safety hazards and unwanted moisture and air infiltration. As part of this inspection, BES will outline suspected sources of water intrusion, evaluate the condition of the façade assemblies, identify interior areas previously damaged and/or susceptible to water damage and record any other basic building deficiencies. The evaluation was performed using research of existing documentation, including a Woodard & Curran report dated October 17, 2018, exterior / interior investigations and observation of the roof and cupola, using a lift.

PROJECT TEAM

Building Envelope Specialists (BES)

- Scott Whitaker — Principal in Charge and Project Executive
- Tim Dean, P.E. — Director of Engineering
- Greg Norton — Envelope Consultant

BASIC BUILDING INFORMATION

Ellsworth City Hall houses the local government in Ellsworth, Maine. The building was built in 1934-1935 by the Philadelphia architect Edmund Gilchrist, replacing the old city hall which was destroyed in a town fire. The building is listed on the National Register of Historic places, which describes the building:

Describe the present and original (if known) physical appearance

The Ellsworth City Hall occupies a commanding site on a hill above the central business district. Extending out in front of the building and leading to the commercial district is a large parkinglot. To the rear (north) is the Greek Revival style Congregational Church (Nat'l. Register), while to the west is the Jordan Library (National Register) and the County Courthouse and jail.

The City Hall is constructed of brick and stands two stories high. It has a standing seam metal roof and windows with small paned lights. These windows are a combination of segmental arched (basement and dormers), square headed (first and second floors) and round arched (cupola and north elevation of meeting hall).

The principal (south) elevation is one to two stories with a basement level exposed above grade. it has a rectangular center section with a pedimented gable end containing an elaborately carved multi-colored wood town seal. Two flat roofed perpendicular wings extend from either side to link this section with hipped roof flankers. The main entrance to the building is located in the center of this facade.

The opposite side facing north contains the town hall in a two story section with a center pavilion. On either end of this section are narrow hipped roof wings. In the center of the gable roof is a metal round roof cupola resting on an octagonal platform and surmounted by a balustrade.

The interior of the building was designed with fire-proof considerations paramount and is entirely lacking in ornamental features.

The building underwent a renovation in 1998 which introduced a renovated interior layout as well as larger overhead doors to support the newest firetrucks. Exterior renovations included window replacements, repair of masonry elements, addition of site features, repainting of worn elements and other various aesthetic repairs. The flat EPDM roofs have been selectively repaired within the last 5 years.

EXECUTIVE SUMMARY

The Ellsworth City Hall is overall in satisfactory condition provided its age and changes of use over its lifespan. However, there are areas of the building that are in need of immediate replacement and repair in order to provide a safer, weather tight, better performing building envelope.

The roof and gutter geometry at the north side entrance provide a safety hazard to pedestrians entering and existing the building. BES recommends that countermeasures be installed at or near the roof valley and gutter intersection in order to impede the stormwater / ice melt that is currently able to flow off the roof and down 20ft to areas where pedestrians often travel.

BES believes that given the extent of the leakage seen and the state of the cupola envelope, that the cupola needs to be replaced. Replacement should consider salvaging all historical elements to be reinstalled. Replacement of the cupola and its corresponding detailing would alleviate the current leaking that occurs in and around the existing cupola.

Other recommended improvements consist of replacement of the chimney, near future replacement of the flat EPDM roof areas, and rebuilding / repointing of the base courses of brick masonry, specifically the areas that abut impervious surfaces.

Please see the "Recommendations" section of the report for a full breakdown of BES's recommendations, sorted by importance.

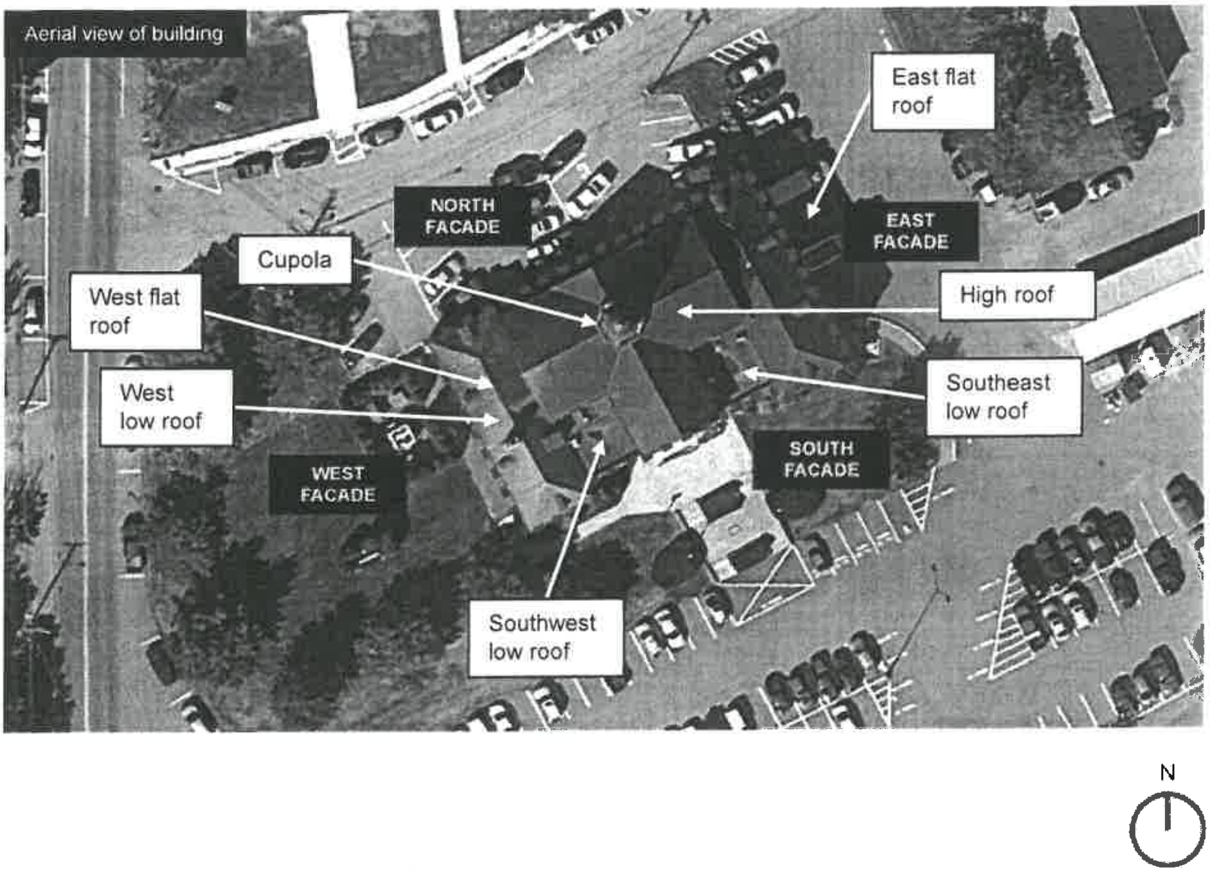
South Facade from aerial lift

Visual Observations

Observations of the building were made during a site visit on 7/30/2019 which was a mid-80-degree Fahrenheit day with high humidity. The day began with Steve Joyal, facilities manager for the town, providing the BES team a tour through the interior and around / on the exterior of the building. Over the course of the tour, Steve mentioned the current problematic areas, historically problematic areas, and introduced BES to additional staff members who were able to provide insight into other areas of interest.

The Findings Report will be organized by describing the exterior and then moving into the interior. Each location will first focus on general characteristics then highlight specific issues at specific locations.

The building's areas will be described as depicted below:



Existing Documentation

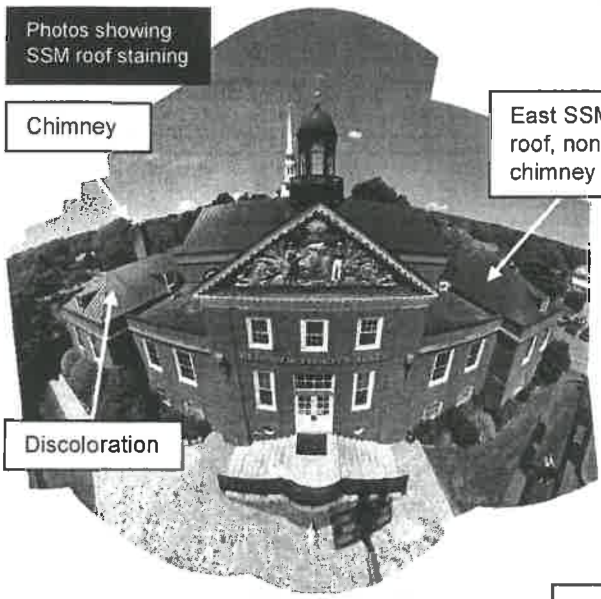
BES was provided with a report done by Woodard & Curran dated October 17, 2018 that was commissioned in response to a request of the city's insurance provider. BES was also allowed to review existing plans in in City Hall and photograph areas of interest.

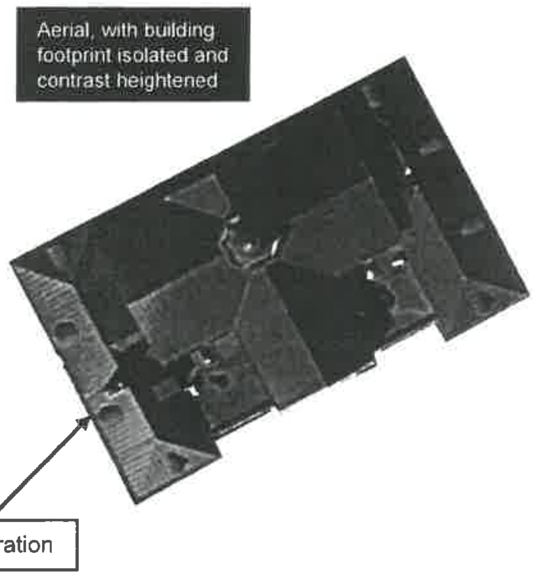
EXTERIOR

Roof

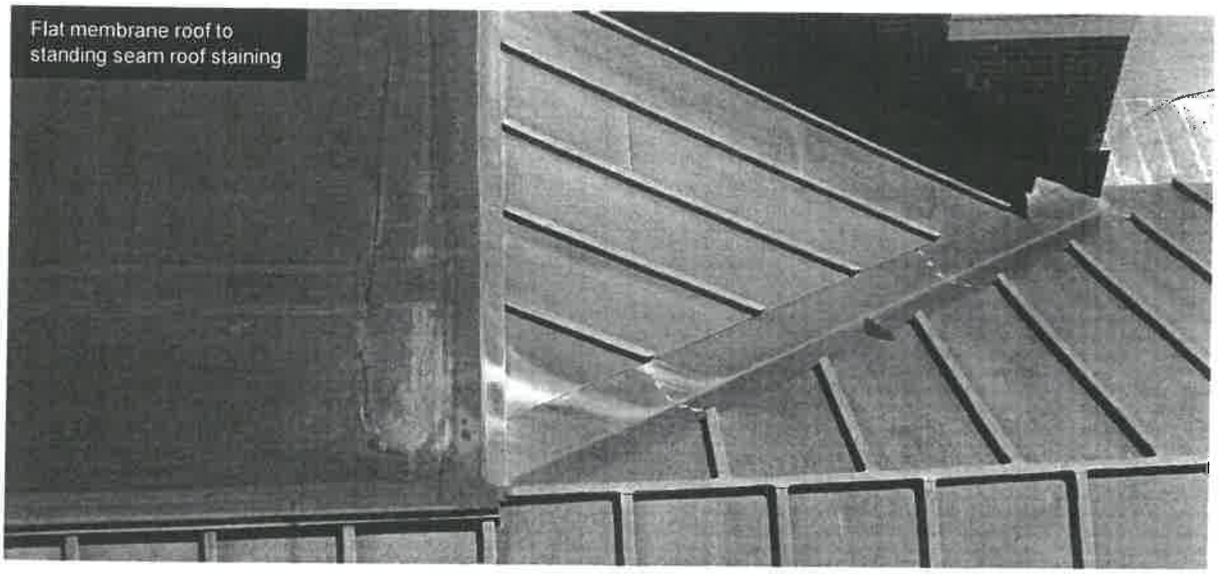
The roof is a combination of lead-coated copper standing seam metal (SSM) and flat ethylene propylene diene monomer rubber (EPDM) types. The SSM portion is a hip and valley type with dormers on the east and west sides. Small, flat EPDM sections are located on the east, west and south portions of the building.

There is noticeable staining on the faces of the SSM roof around the chimney, located on the west side of the building, as can be seen from the aerial shot and from the lift, while on site. The staining patterns suggest that the smoke / outgassing chemicals from the chimney is settling upon release and slowly deteriorating the coating finish layer of the roof material, potentially affecting the roof's long-term performance. These exhaust fumes also contribute to the accelerated degradation of the mortar in and around the chimney.





Staining is also apparent on edges of where the SSM joins the flat EPDM roof sections. Given where the staining was witnessed, BES assumes that sand and debris builds up at the EPDM edges during rain events and, once the pooled water overflows over the edges, the particulates stain the SSM roof as the water flows down the slope.


Flat membrane roof to standing seam roof staining

Although BES saw no signs of reduced integrity on the stained portions of the SSM roof, BES suggests that the town keep an eye on the immediate SSM roof areas that present signs of staining, most specifically at the area surrounding the chimney.

In an area by the cupola, there are 2 small holes in the SSM roof. The holes appear to be remnants of potential roof mounted items that were never infilled with sealant. Although the interior below the observed roof area did not show signs of moisture infiltration, BES suggests that the holes be patched and/or infilled to avoid potential moisture infiltration.

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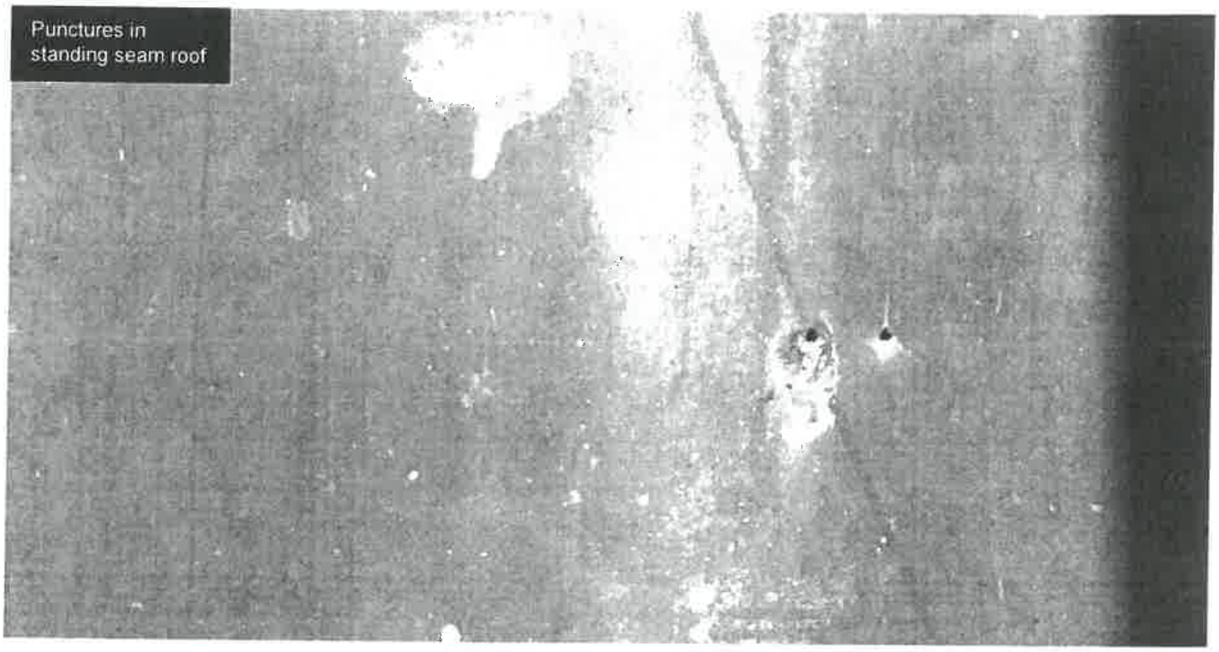

BES understands that there are also areas on the roof that are prone to produce ice damming and potentially dangerous snow melt occurrences, specifically on the north side by the upper entrance to the facility. The geometry of the roof, and termination of the valley at the eave by the gutter, allow for runoff of water and snow/ice to flow off the roof to the ground generally unimpeded.

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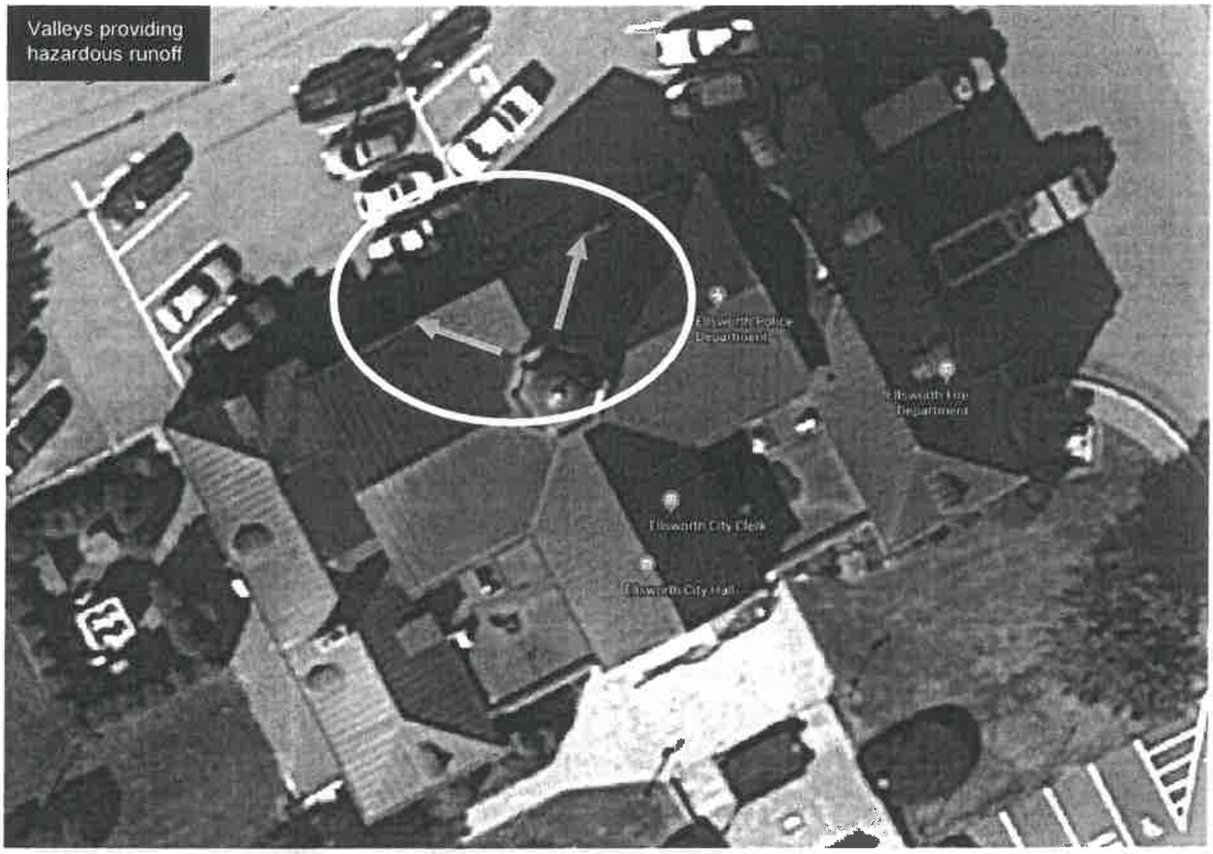

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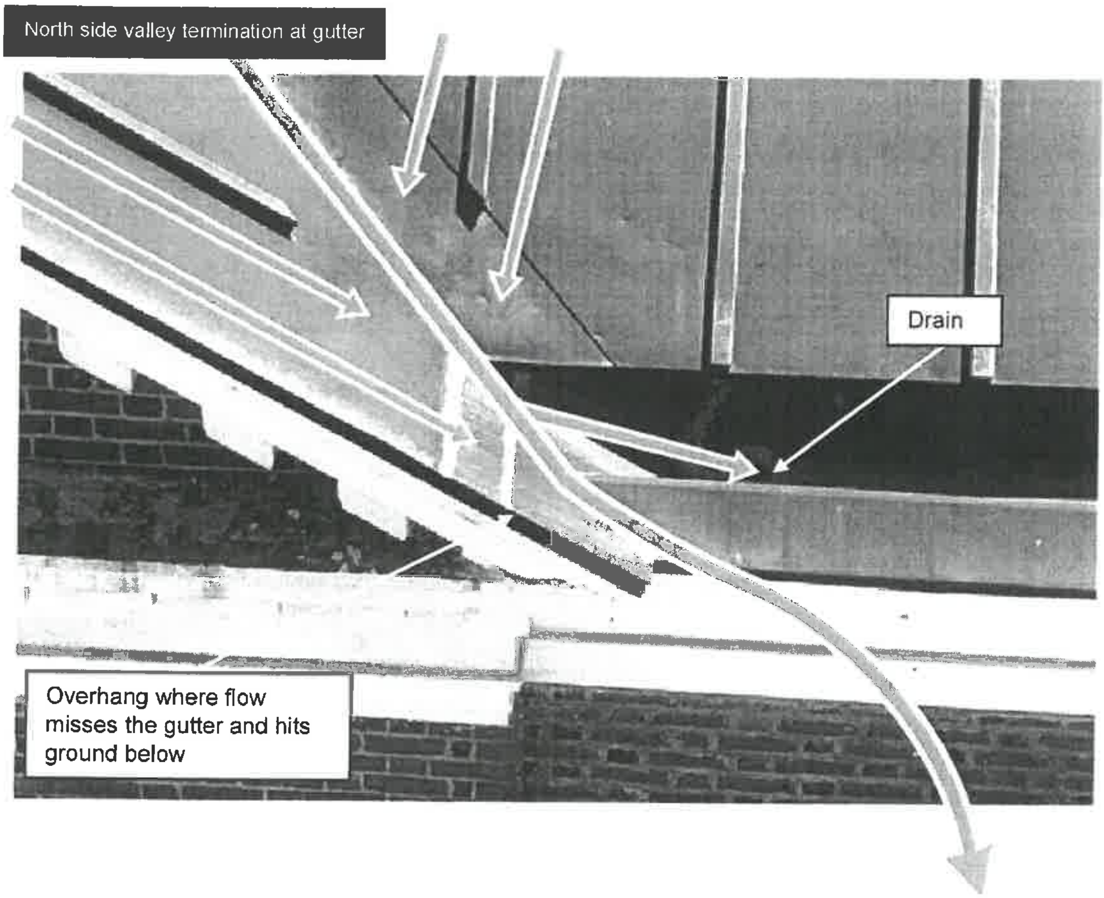
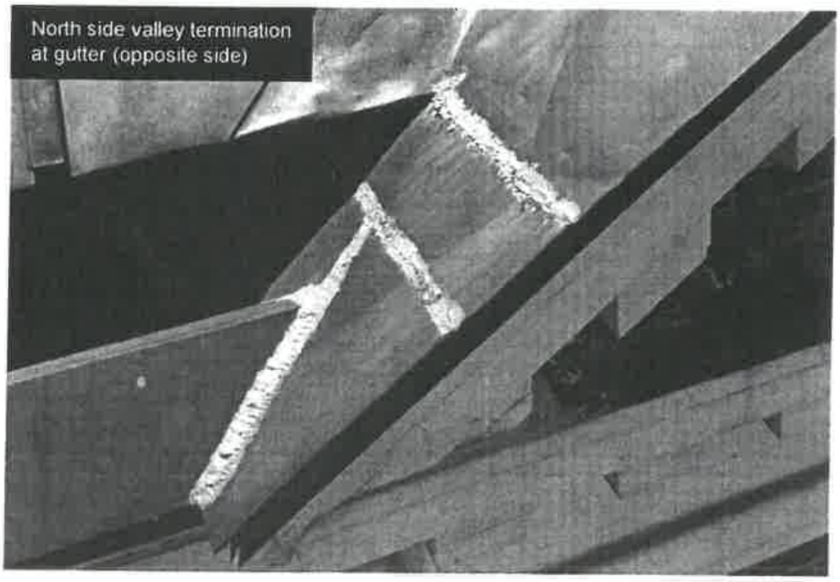
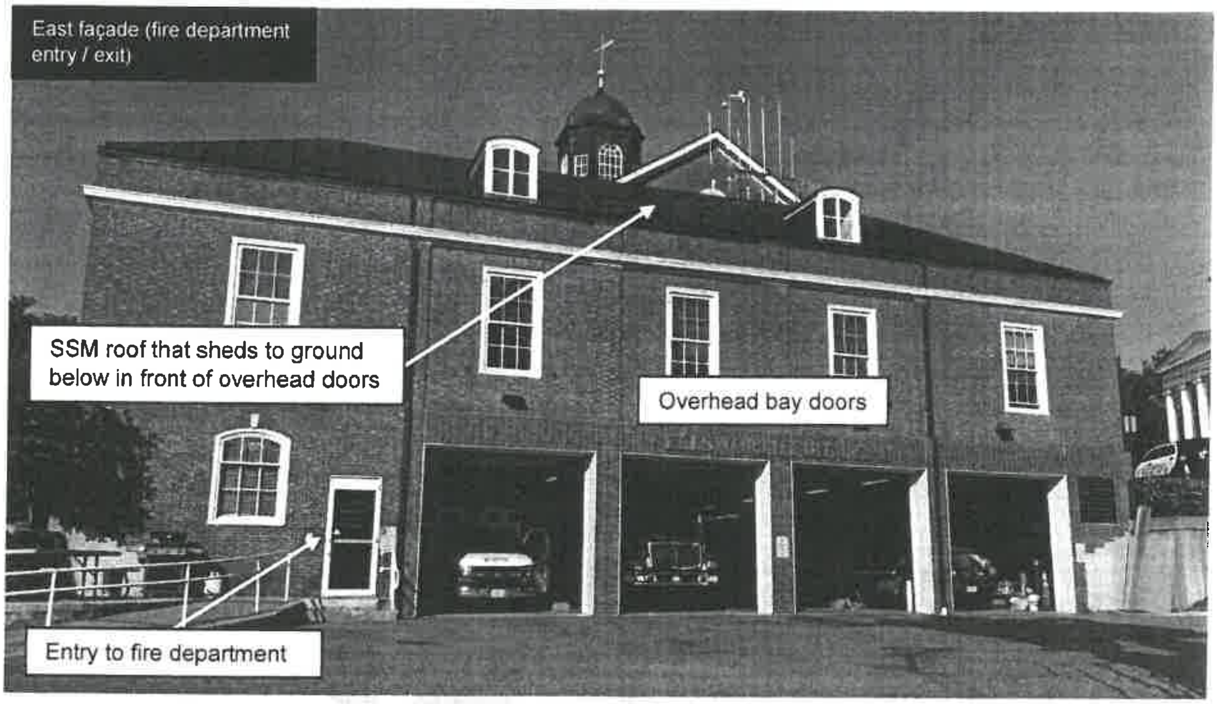
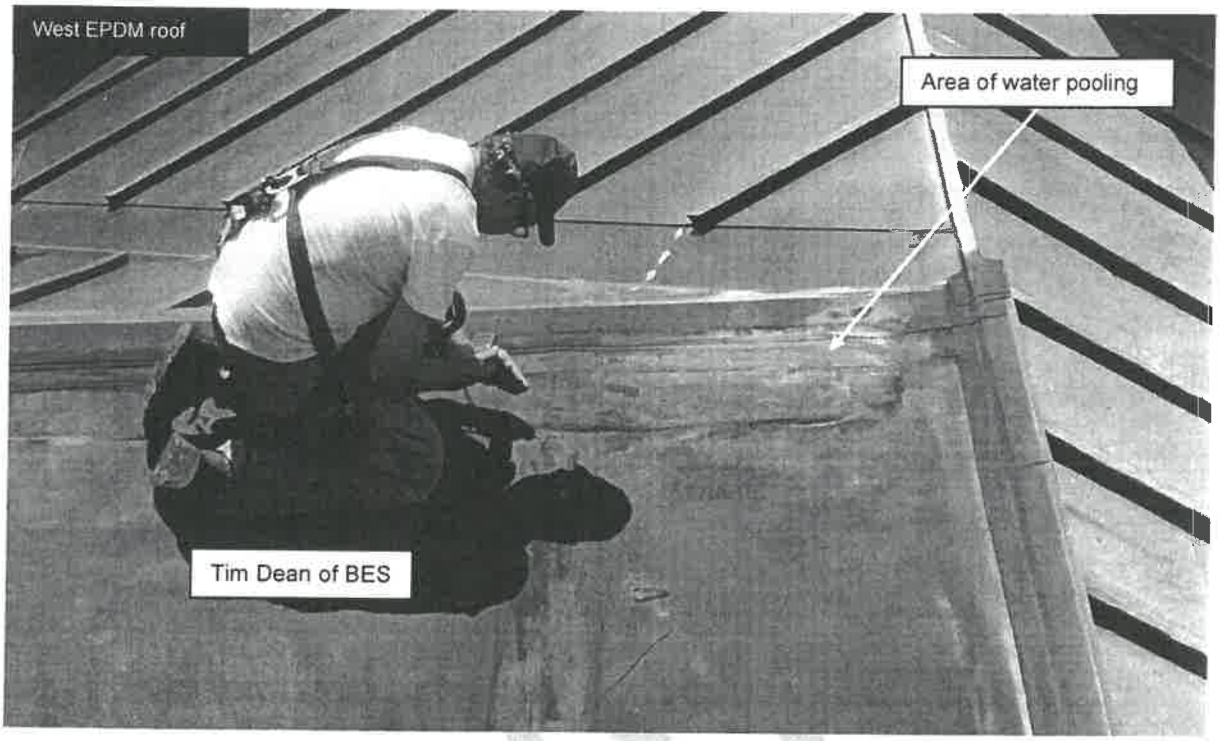


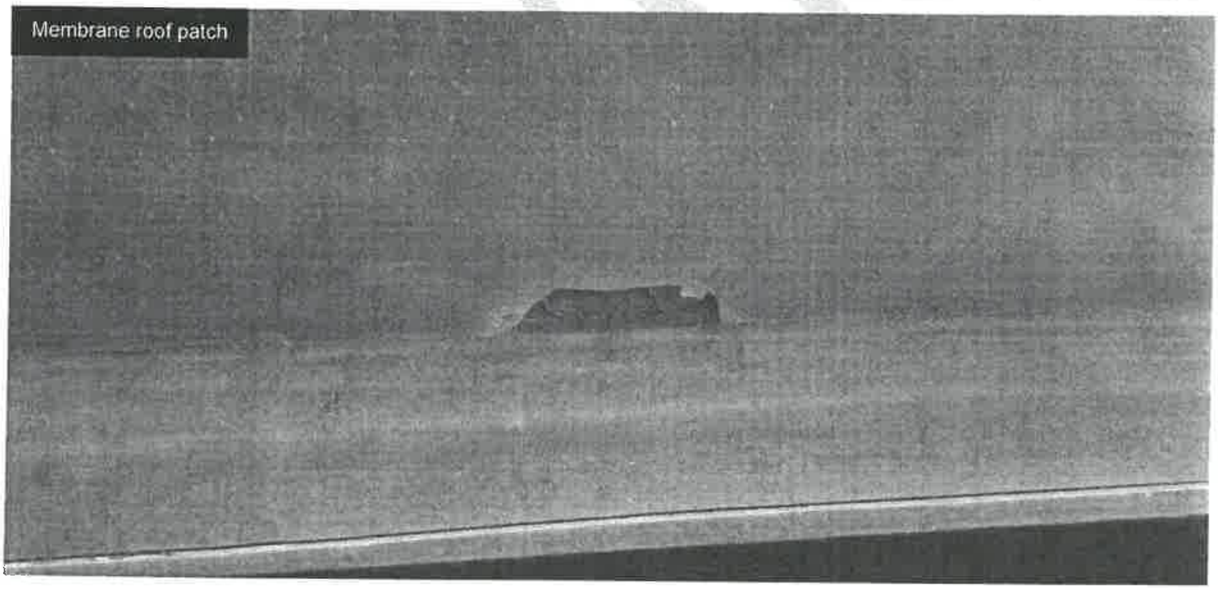


BES was also informed by firefighting staff that snowmelt off the SSM roof over their overhead doors has proven to be an issue, both for potential life safety issues for those entering the side door as well as snow buildup in front of the doors, requiring removal before the trucks are able to leave the bays.



There are (4) portions of flat EPDM roofing. The west section has evident patching and is also located above an interior area ceiling that has shown signs of leaking (please see "interiors" section within report) indicating that the EPDM membrane is likely not a watertight boundary. Where the flat surface pools before overflowing to the sloped SSM roofing, there is sand and other particulates as well as slight degradation and patching of the EPDM.

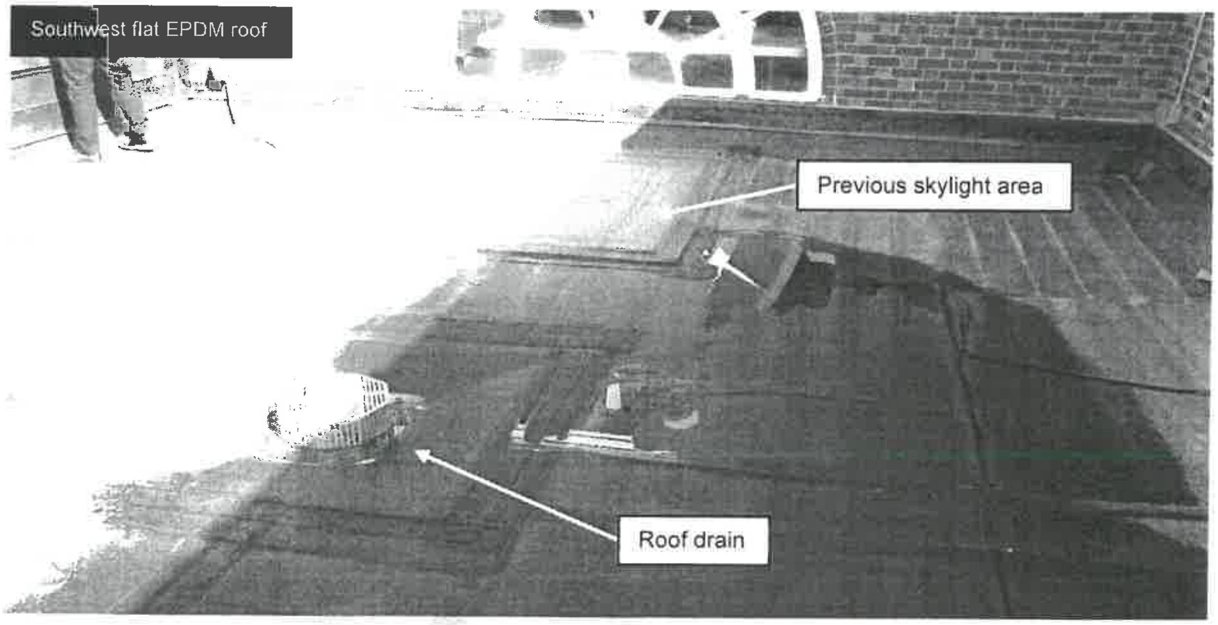




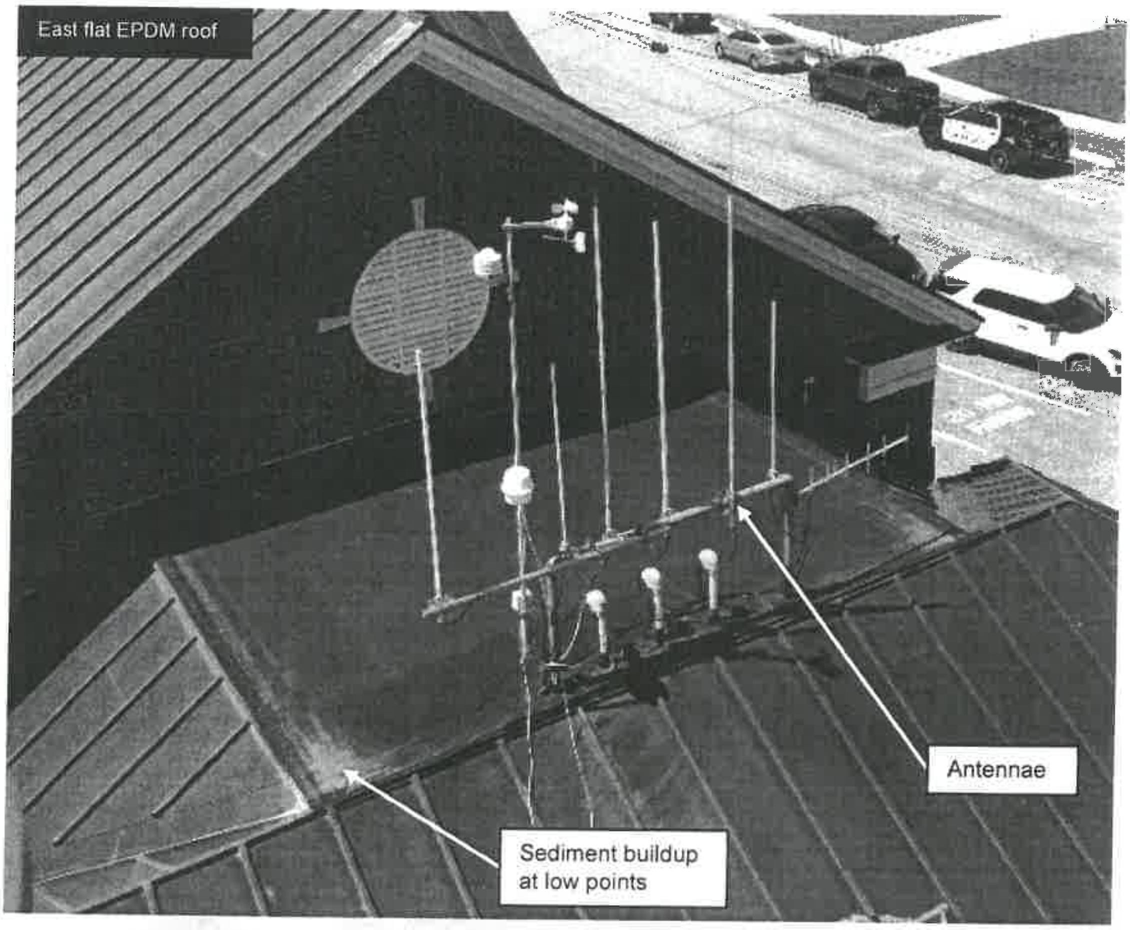
The southwest flat EPDM roof receives runoff from (3) SSM pitches and contains a large roof drain and (2) heat pumps. Standing water was present at the time of the site investigation. A skylight had been installed at one time but has since been removed. The EPDM membrane appears in satisfactory condition and there have been no known problems with the roof drain.

However, interior water infiltration is present underneath and related to this EPDM roof area. The perimeter is flashed well against the masonry but contains slight inconsistencies in metal overlapping and the continuous seal.

BES did not witness the southeast EPDM flat roof, due to the understanding that there have been visible signs of leaking or complaints of leaking occurring in the area.



The east flat EPDM roof, on the fire department side, is in satisfactory condition. The roof houses the primary communication antennas for the building. As such, and because of potential risk to BES team members and damage to the antennae's, BES did not set foot on this low roof.



Similar to the west's EPDM roof, there is sediment buildup at the low edges of the roof, where water settles before overflowing down the adjacent SSM roof. BES understands that there have been no complaints or interior instances of moisture infiltration around or under this flat roof area.

The roof gutters and leaders all appeared in working and satisfactory condition. A void was present at the intersection of a gutter drain and embedded roof leader on the west façade.

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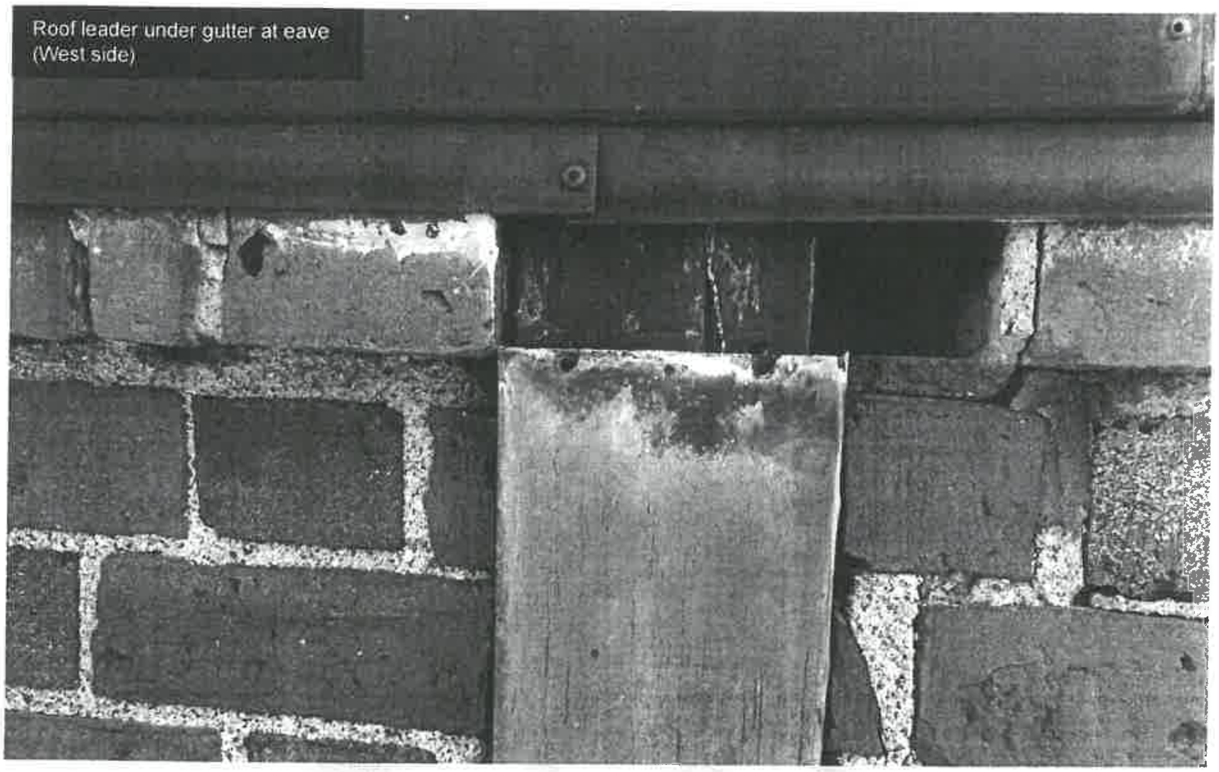
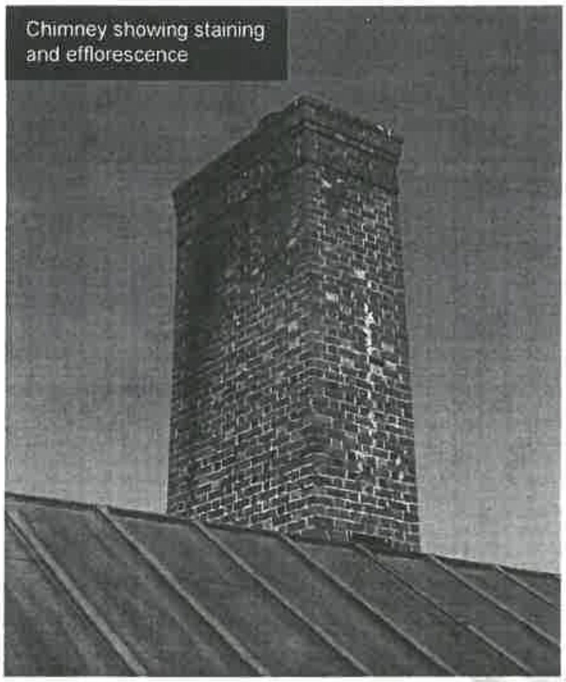
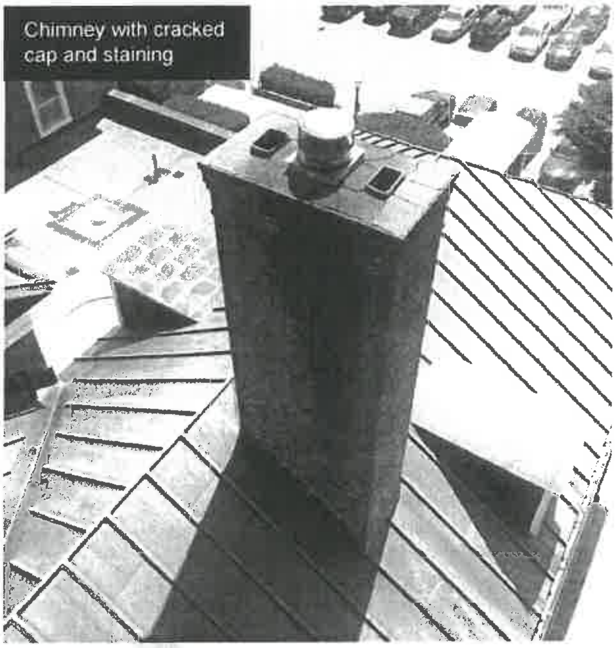
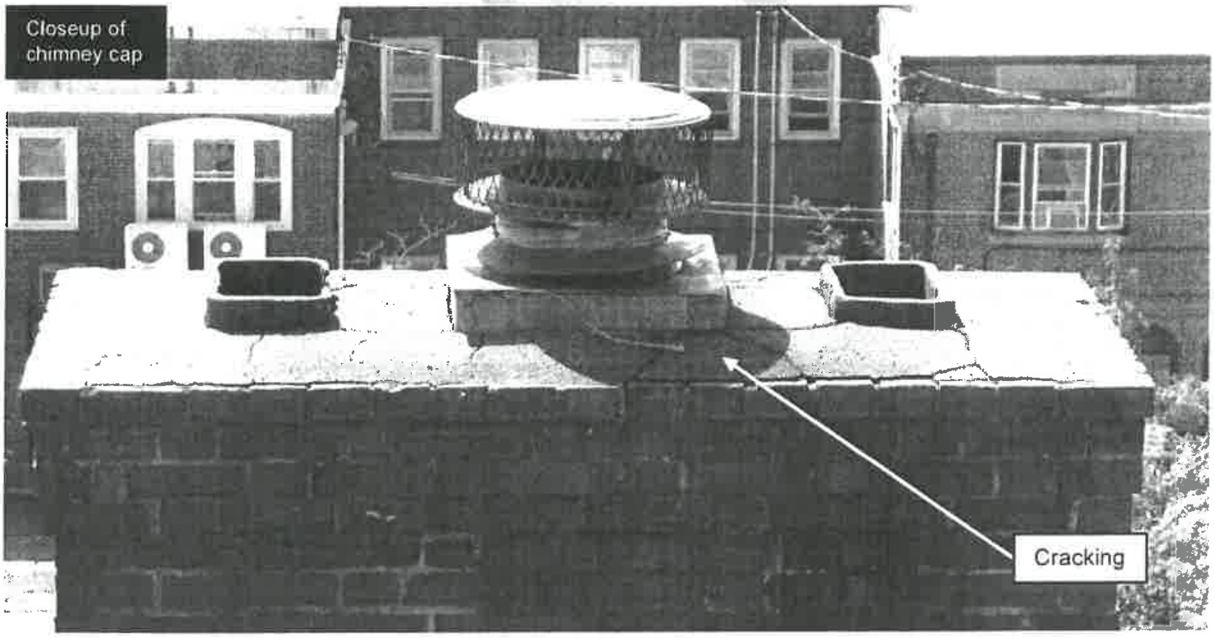


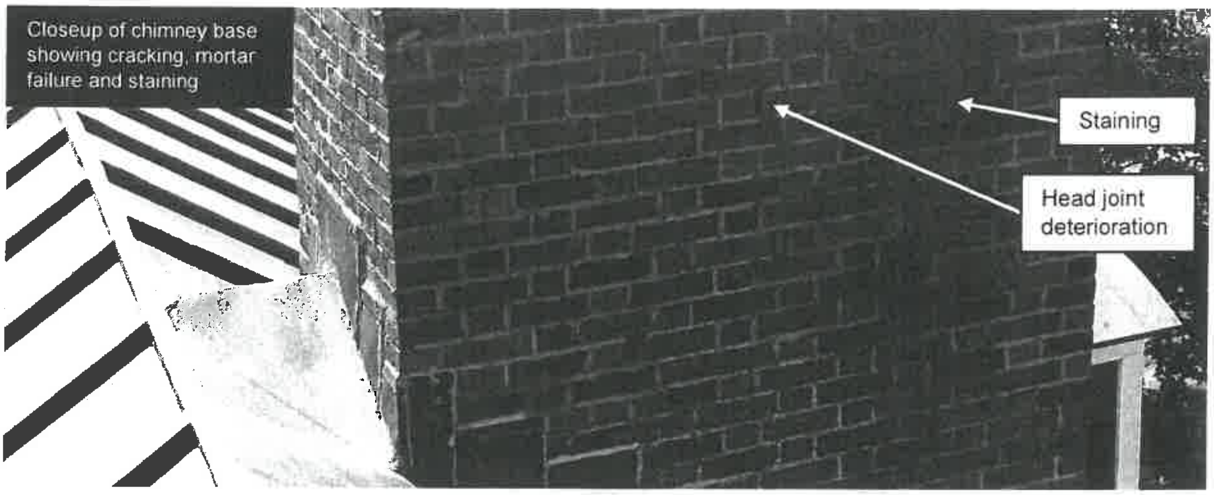
Chimney

The brick masonry chimney is located on the western SSM roof. The brick masonry shows signs of heavy disrepair, staining, cracking and efflorescence. BES witnessed damage directly adjacent to the chimney on the interior (see "interiors" section for more information) suggesting that the chimney deterioration is not exclusive to the exposed portions. The chimney cap is heavily cracked and is in need of replacement. The sulfur laden exhaust from the chimney is discoloring and damaging the brick masonry. This exhaust also forms condensation within the masonry, especially during the winter months, which is exacerbated by the amount of voids and cracks in the existing chimney that moisture can reside within.


Chimney showing staining and efflorescence


Chimney with cracked cap and staining


Closeup of chimney cap



Cupola

The cupola sits atop the building at its center ridgeline and is octagonal in shape. The roof is a half sphere composed of lead-coated copper. The structure is wooden and is protected primarily by copper sheets and copper flashing. A widow's walk circles the octagonal enclosure, this is surfaced with an EPDM. The cupola's fenestration contains seven windows and one door along the (8) elevations, all with painted white trim.

The exterior cupola copper siding has visible unsealed seams, missing fasteners, bending/bowing on the panels, and deteriorating welds. Given the state of the interior moisture infiltration, BES assumes that much of the weather protection of the cupola is inefficient in keeping out moisture. To that point, BES agrees with all sources of leaks suggested by Woodard & Curran in their October 2018 report which includes:

- Aged and deteriorated sealant
- Aged and deteriorated EPDM roofing on the catwalk
- Single-paned wood window leakage around the frames

All these deteriorated and aged systems together contribute in whole to leakage in the cupola, specifically in rain-driven events where water can be forced into voids. Because of the location of the cupola, at the uppermost point on a building that is already elevated and open to high wind, the cupola is subject to harsher than typical weathering as compared to lower-to-the-ground features on the building.

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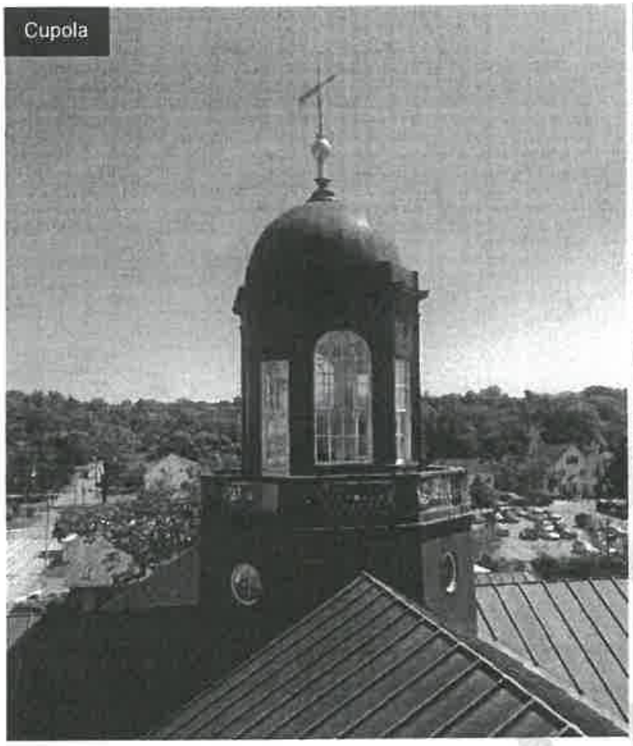
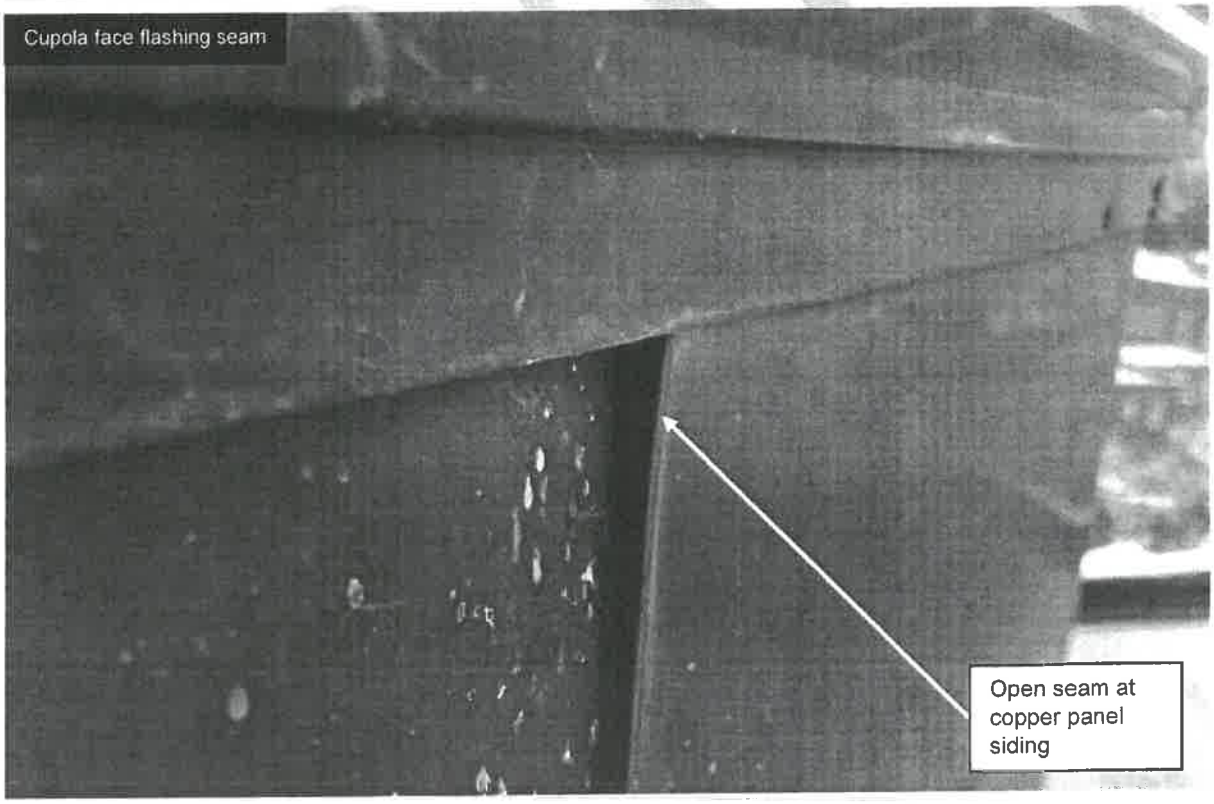

Cupola


Cupola



Cupola face flashing seam

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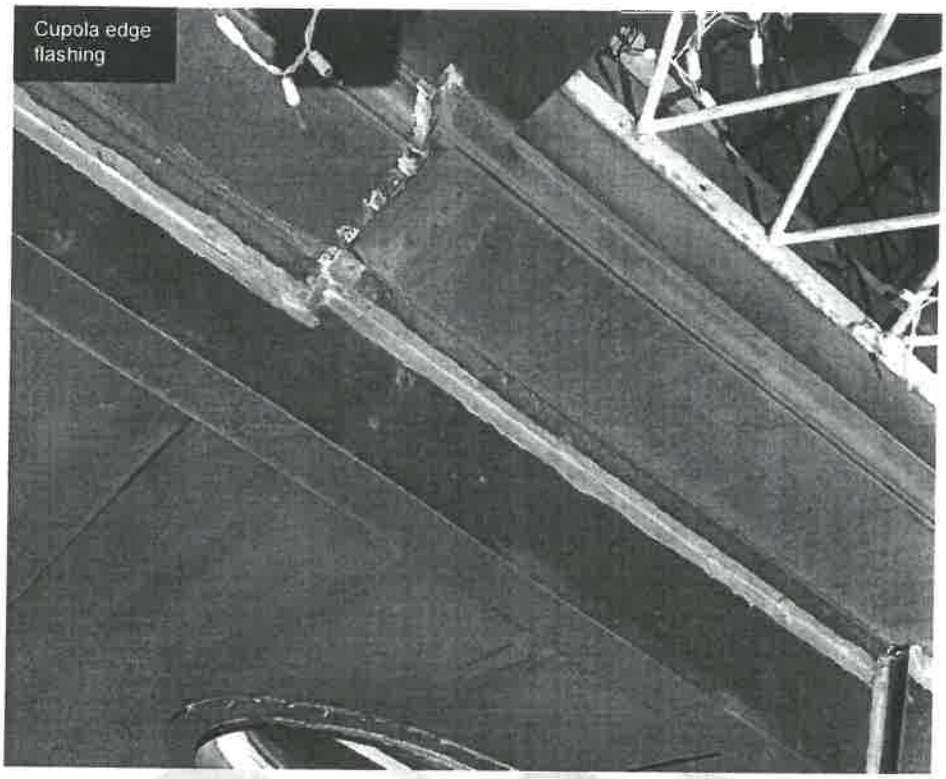

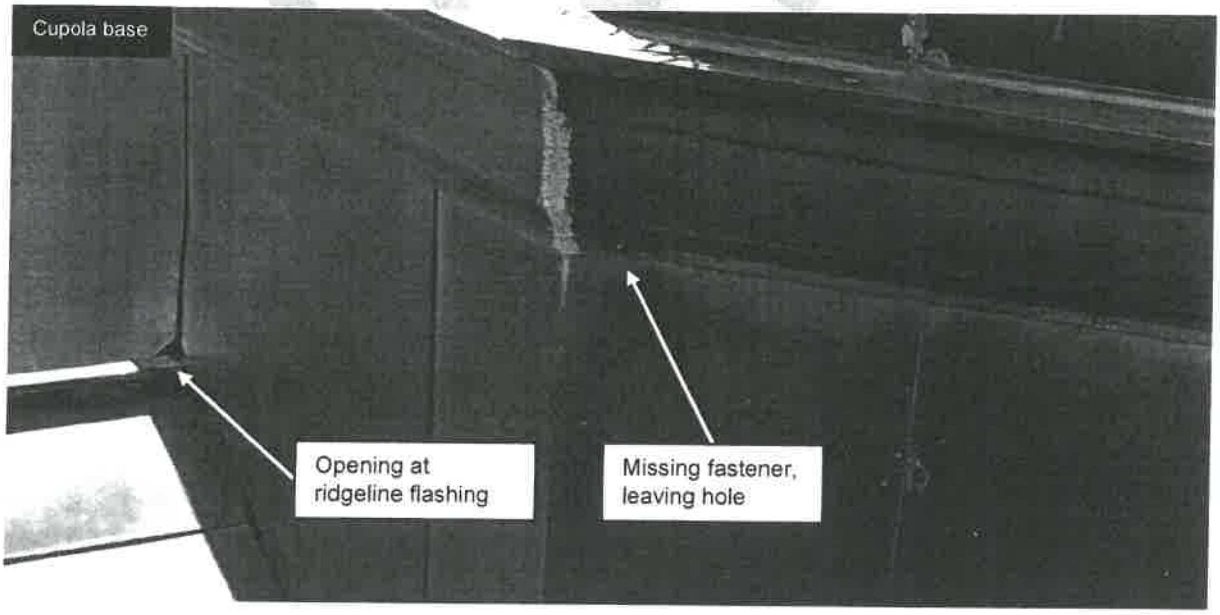

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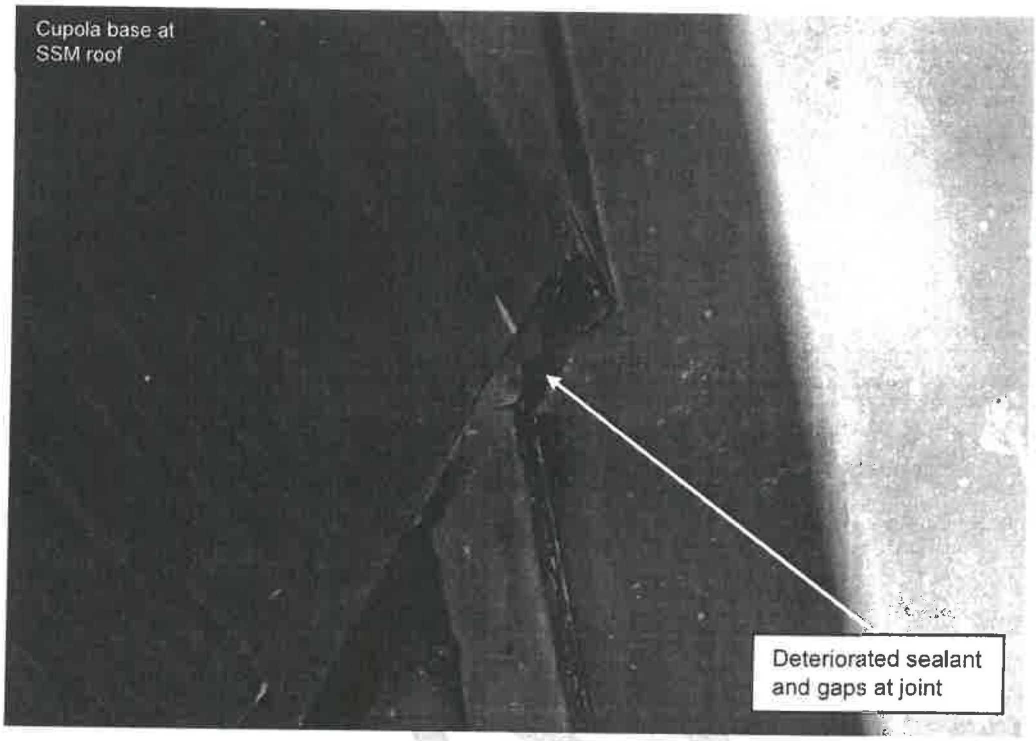

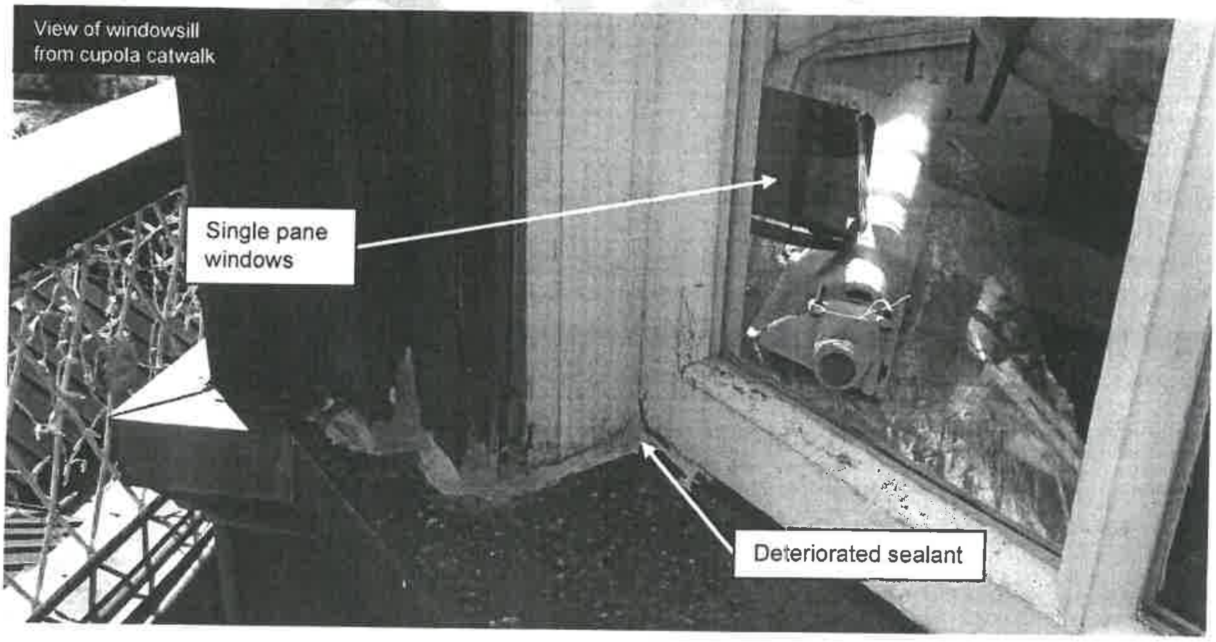

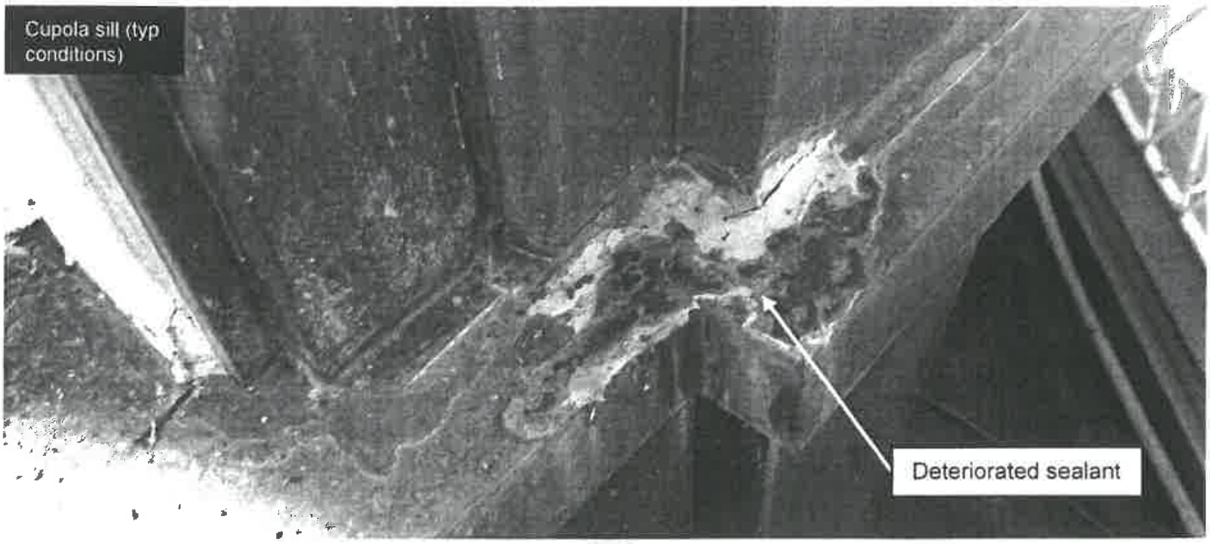

Exterior Masonry

The exterior brick masonry is arranged as a Flemish bond and has darker colored headers. However, at areas of rectangular windows, the Flemish bond brickwork is more solid red (colonial) and runs vertically from the base all the way to the eaves. A brick water table runs around the building. There are slight inconsistencies in the Flemish bond coloration and in the repointing mortars throughout the exterior facade which BES assumes is a result of various repairs and installations of exterior elements over the building's lifespan.

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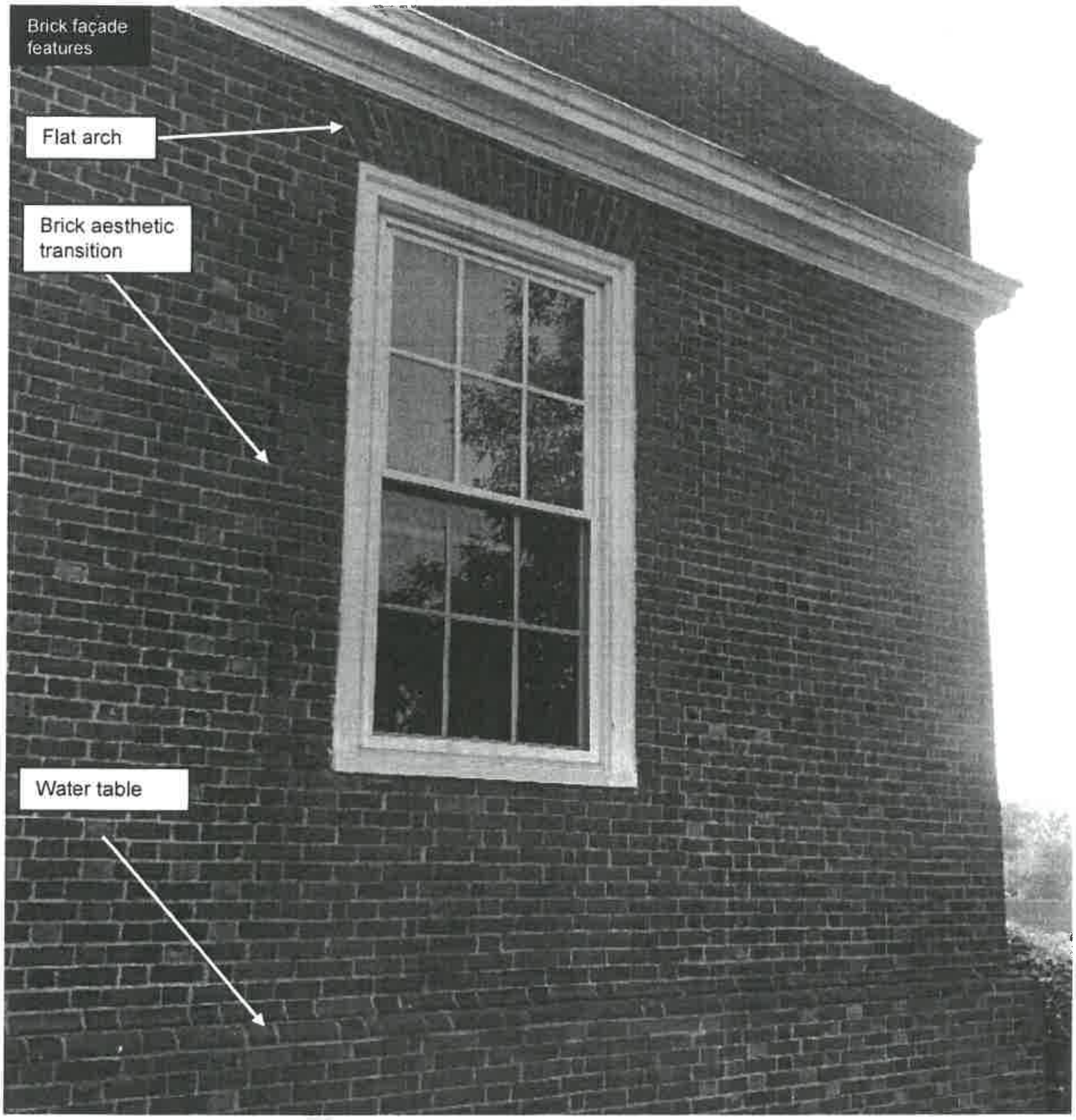

Overall, the exterior brick masonry appears in satisfactory shape. Issues seen on site were seen mostly at the base courses (especially at areas where the brick meets impervious surface), at the eaves under the gutters, and at the corners.

Issues at the base consist of deteriorated mortar joints, and in some cases loose brick masonry units. Because there are occupiable spaces within the building below the exterior grade, loose or failing masonry at grade can contribute to moisture infiltration issues on the bottom floor within the building due to the failure to keep standing water away from the wall cavity.

Continuous moisture at these base courses are believed to be present due to the presence of organic growth on the mortar joints. Splash back from roof stormwater runoff as well as the use of de-icing salts on the adjacent impervious area also contributes to the degradation. Efflorescence is also present on the south side of the building, near the bottom steps of the main stair.

Broken base brick course, northwest corner of building

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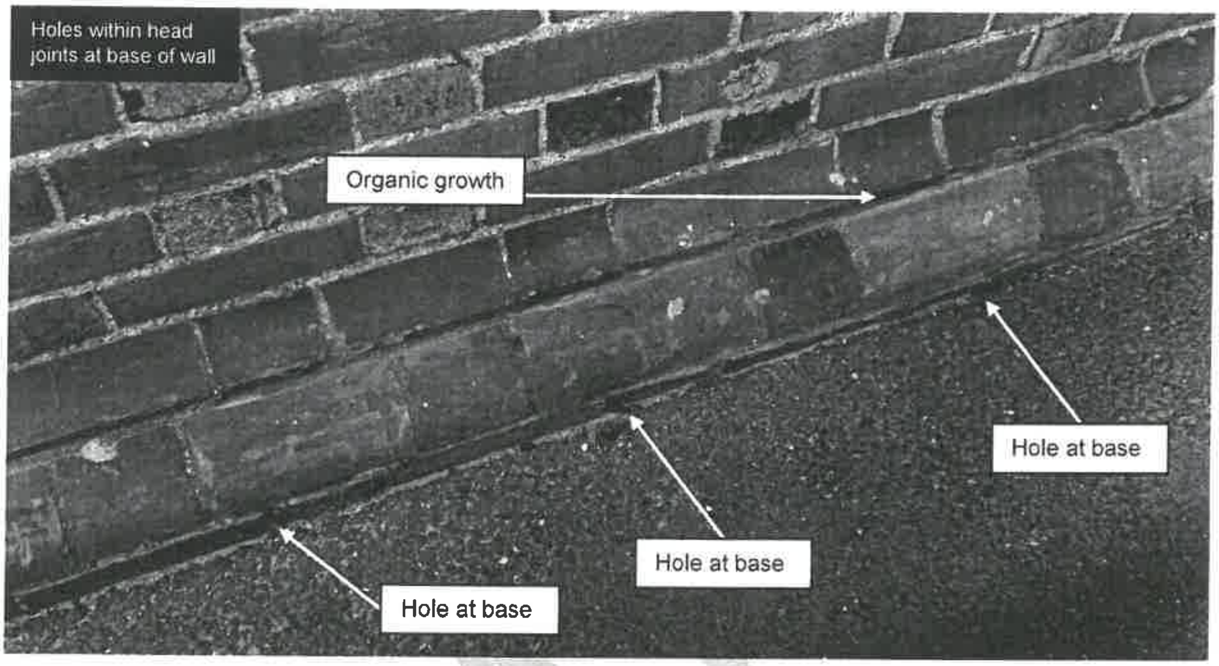
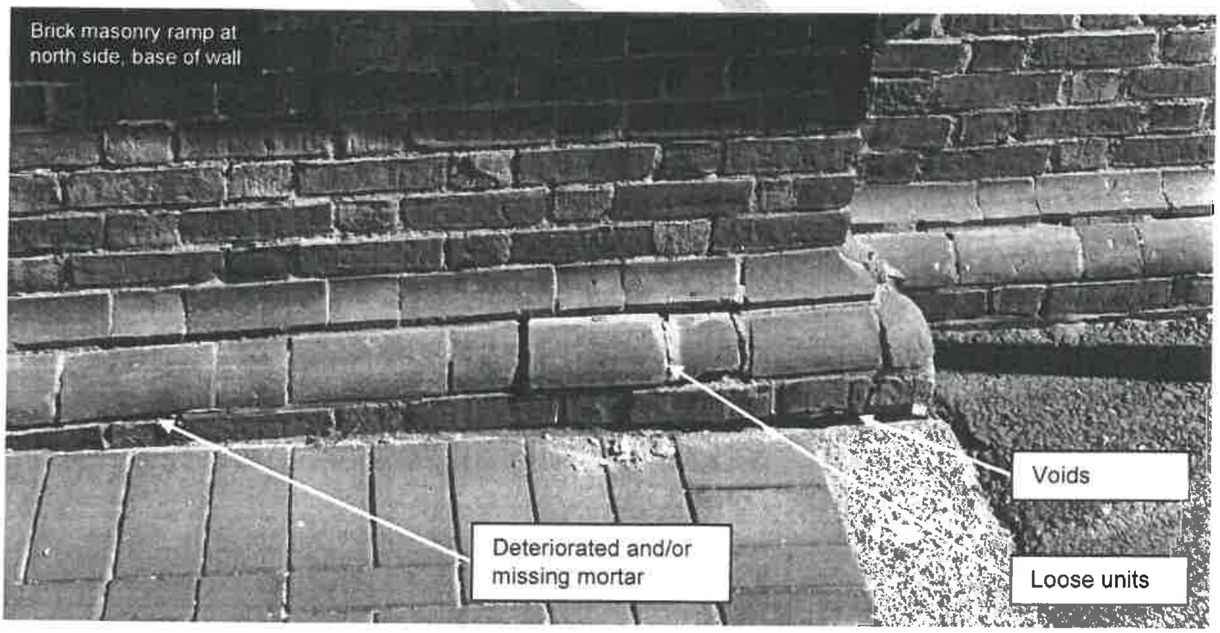
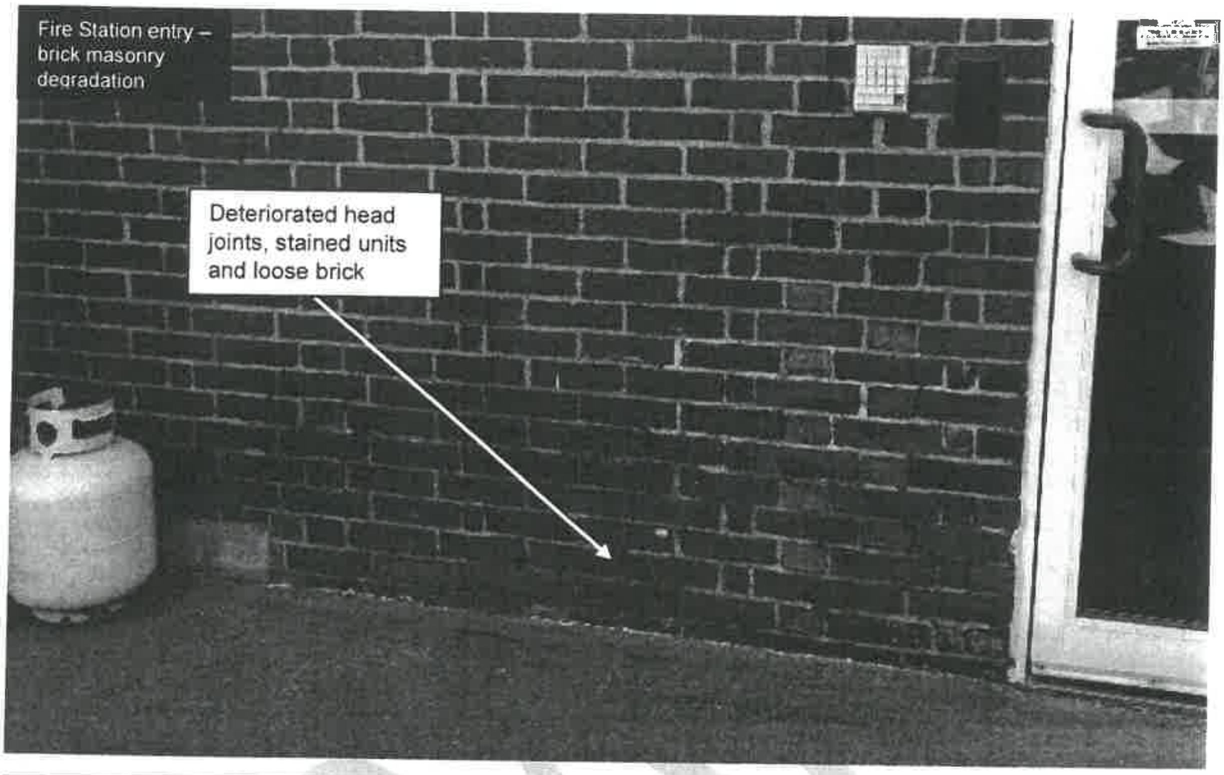
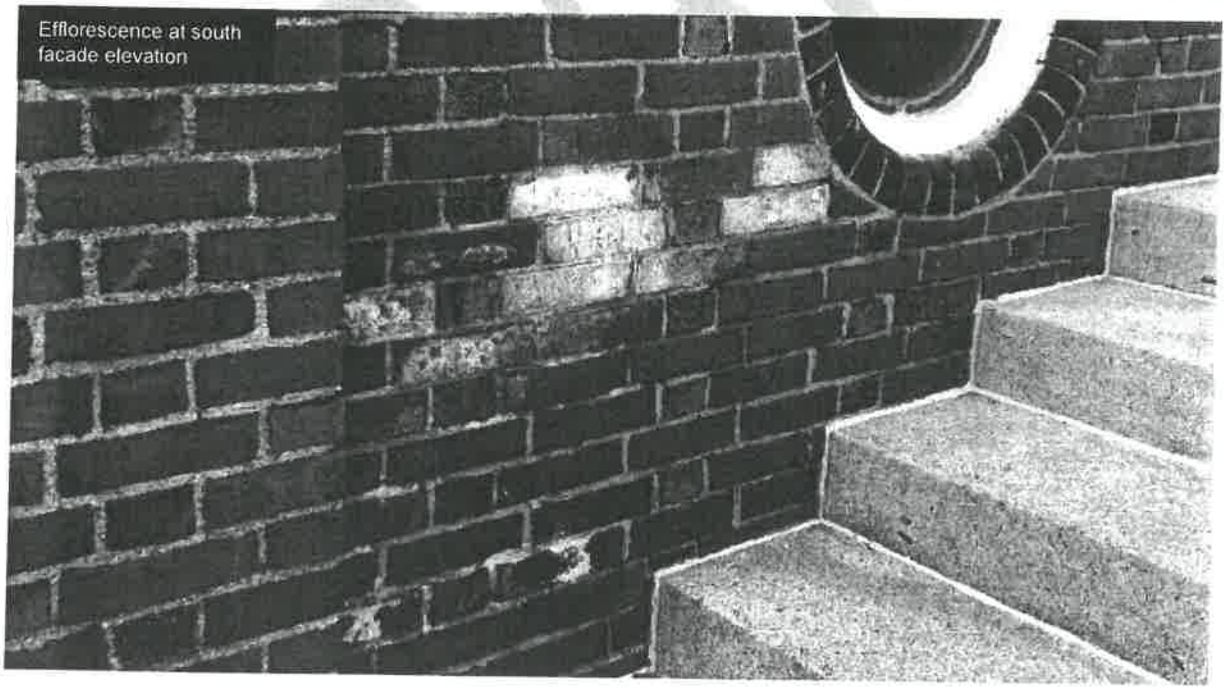





Fire Station entry – brick masonry degradation
Deteriorated head joints, stained units and loose brick


Efflorescence at south facade elevation

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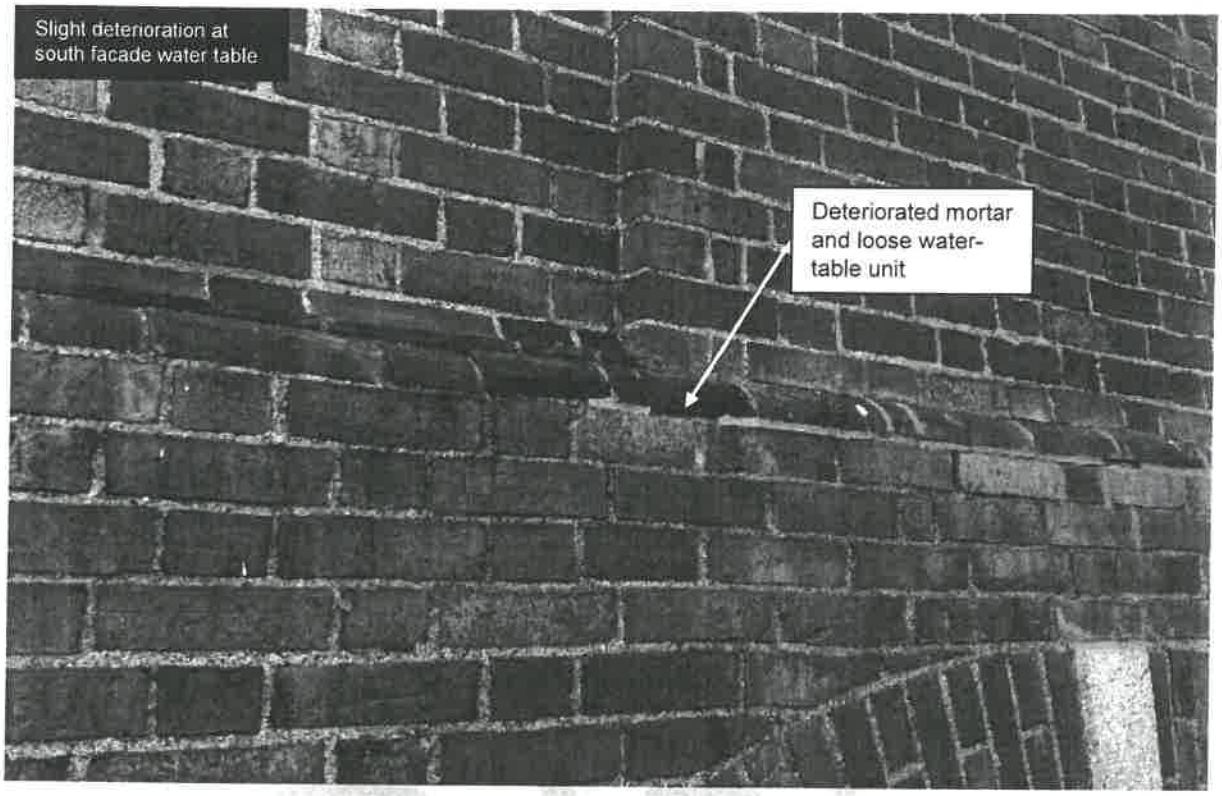
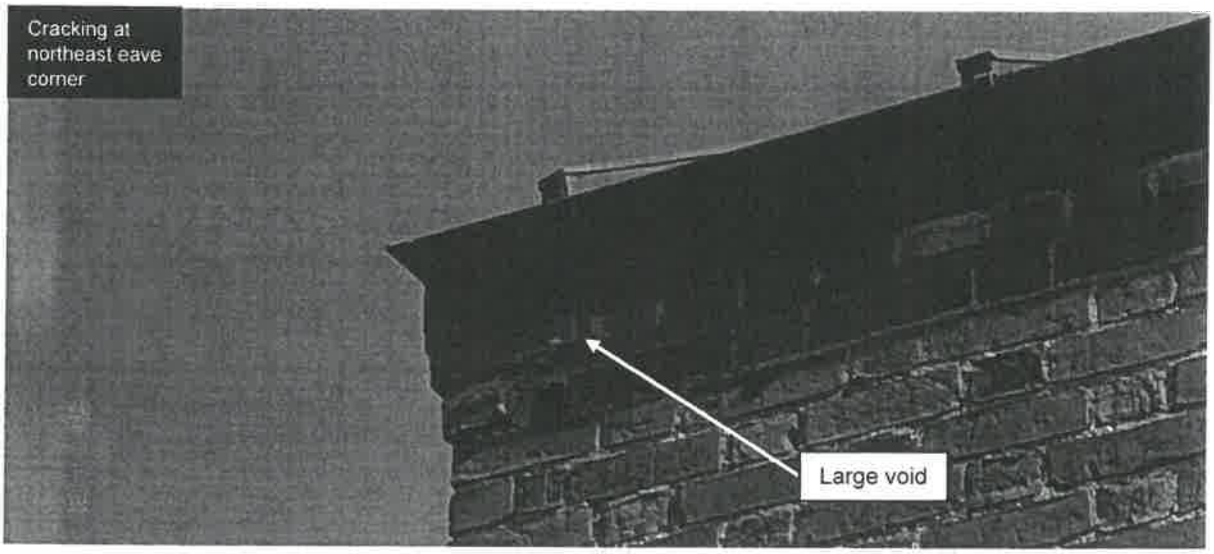
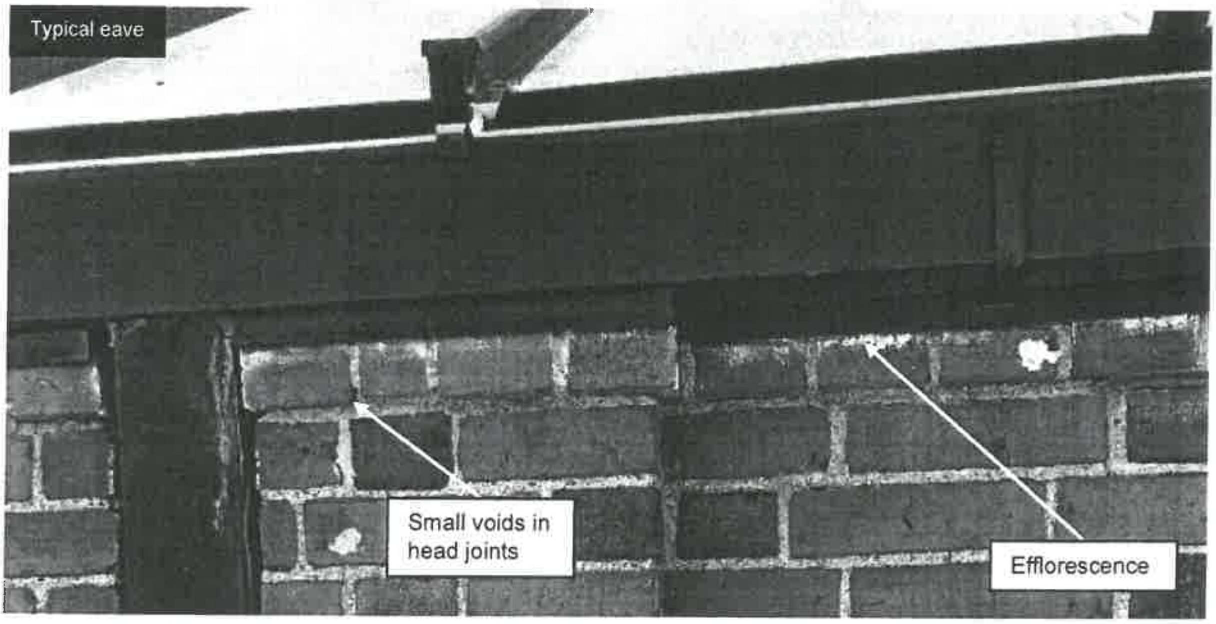
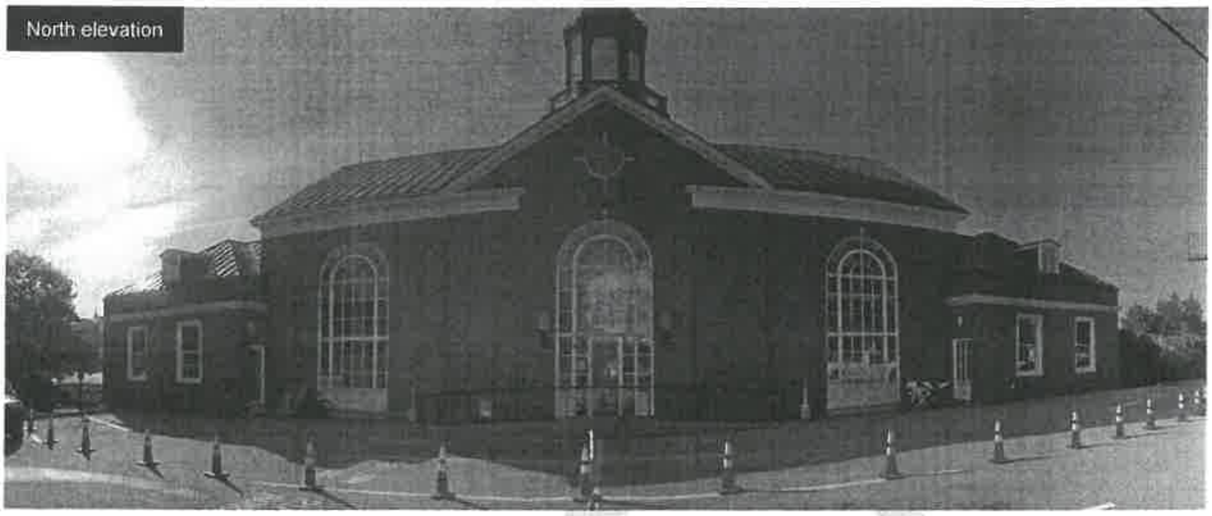


The upper courses show cracking and slight translation at the corners and edges, which is typical for brick masonry structures of this size and age. Repairs have been made in certain areas, evidenced by different colored mortars. Cracks and voids are evident, most notably at the northeast corner of the building. BES recommends that the masonry be re-set and secured in that location ASAP due to life-safety concerns.



Voids are also located near the tops of the stormwater leaders (as discussed earlier) where the leaders meet the gutters. Slight deterioration and efflorescence are also apparent at the upper, extruded course of masonry under the gutter system, most likely due to moisture presence around the gutter system.

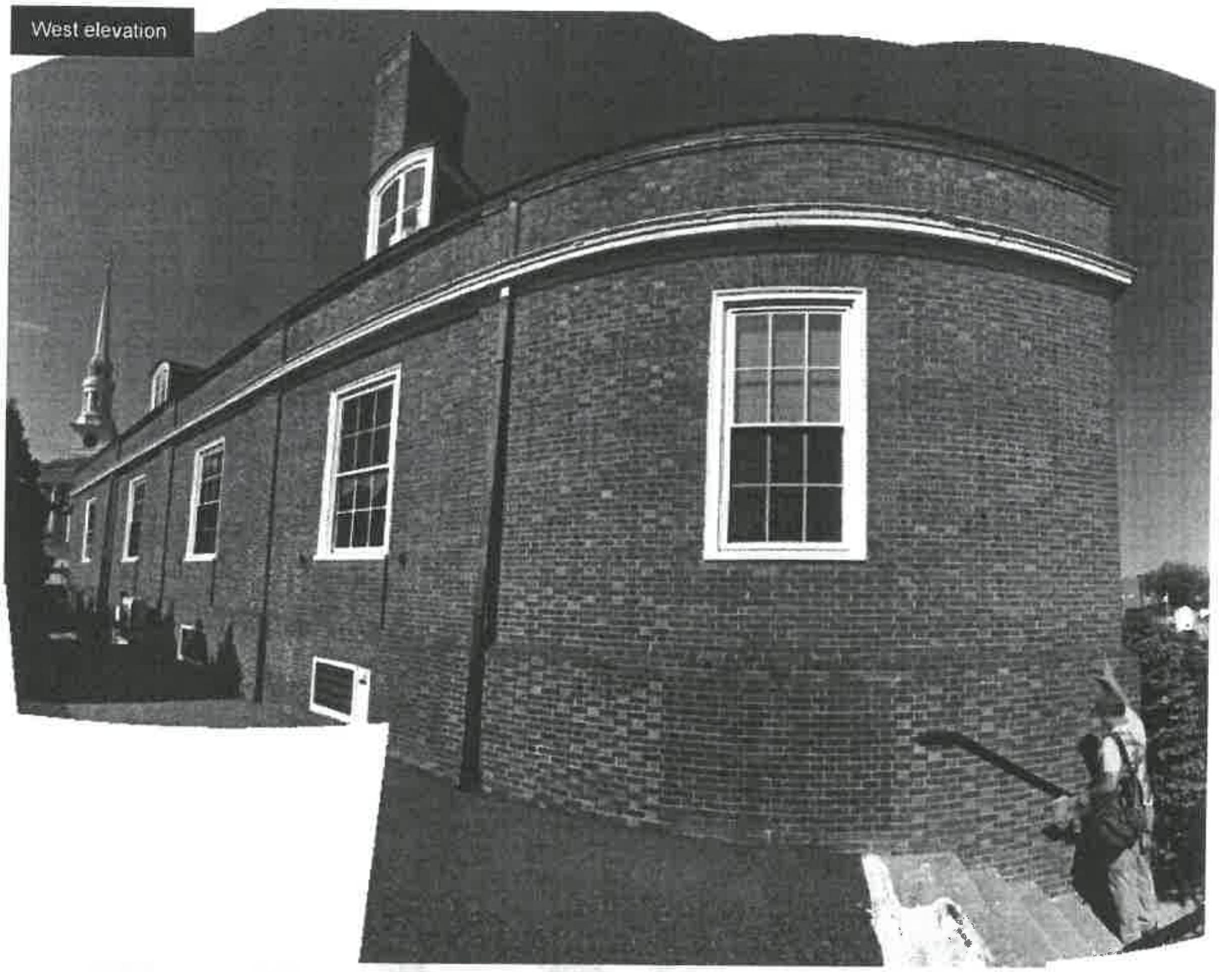



North elevation


East elevation

South elevation

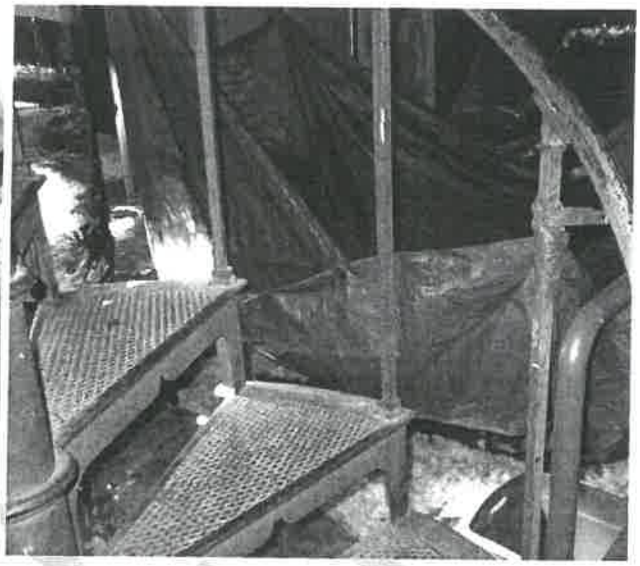
South crest

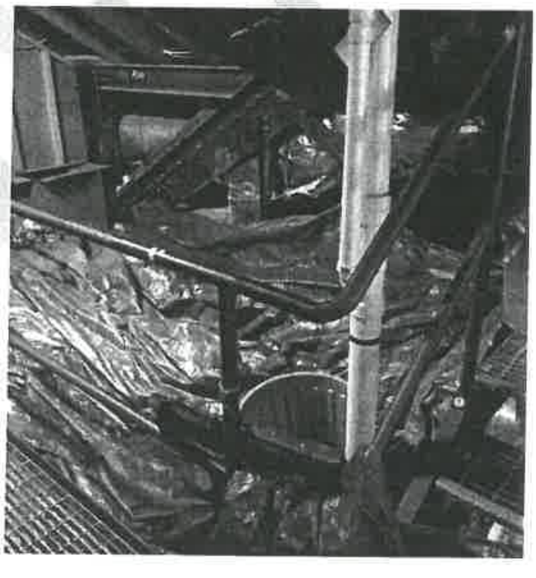

West elevation

Interior

BES witnessed the interior of the facility during the site walk with Steve Joyal. The areas with the most issues are the the spaces underneath the cupola, the attic east of the cupola, rooms directly adjacent to the west chimney on the second floor, areas under the previously infilled skylights, rooms adjacent to interior stormwater leaders, and the basement level rooms adjacent to the foundation walls in several locations.

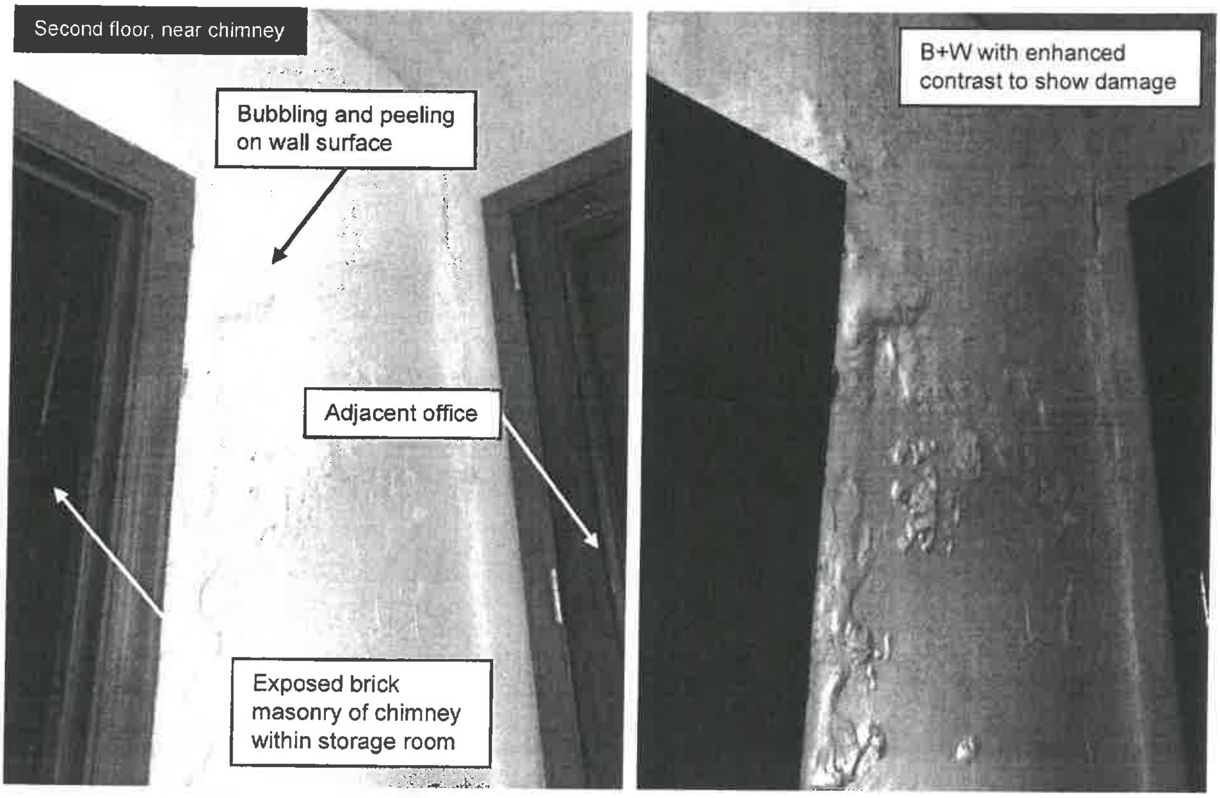
The area directly beneath the cupola is the most excessive leaking area in the entire building. At the time of the assesment, there were elaborate tarps and buckets in place all in effort to contain and direct leakage into containers.



Given the extent of the leaking and the improvised remedy in capturing the leaks, BES believes the leaking cannot be pinpointed to one area of disrepair, but to a large area of disrepair and deterioration (see exterior discussion of cupola). Areas contributing to interior leaking include the cupola interior board sheathing, complex carpentry joints aging, and moisture from the gaps in the exterior cupola assemblies making their way downward naturally after and during rain events.

Within the interior, adjacent to the east face of the chimney, there is highly visible paint bubbling and peeling. The moisture is originating from the exterior, either the high end cricket of the roof near the chimney and/or through voids in the brick masonry itself, and is matriculating down brick masonry behind the wall. The bubbling is primarily due to moisture being encapsulted in the brick masonry behind the finished surface of the wall, which is then being forced / drawn outward into the interior space by temperature changes and humidity differentials. The type of finish paint, especially latex, can contrinute to this moisture encapsulation as well.



In the adjacent office (to the chimney) on the second floor, there is surface staining on the hard ceiling. This ceiling lies partially below the west flat EPDM roof and under an SSM roof valley. The staining most likely originates from the flat roof and is settling on the backside of the finished hard ceiling of the office space once the moisture gets into the ceiling cavity.

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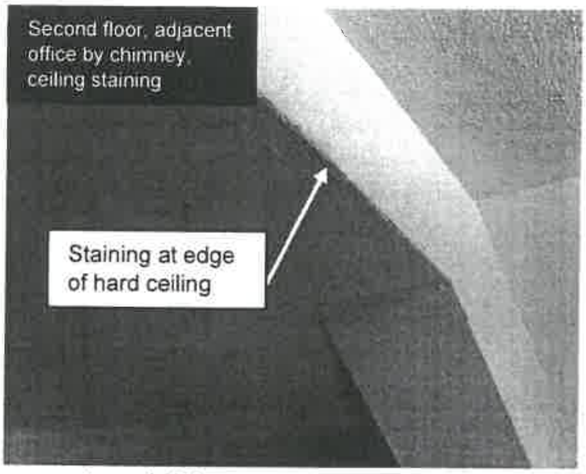
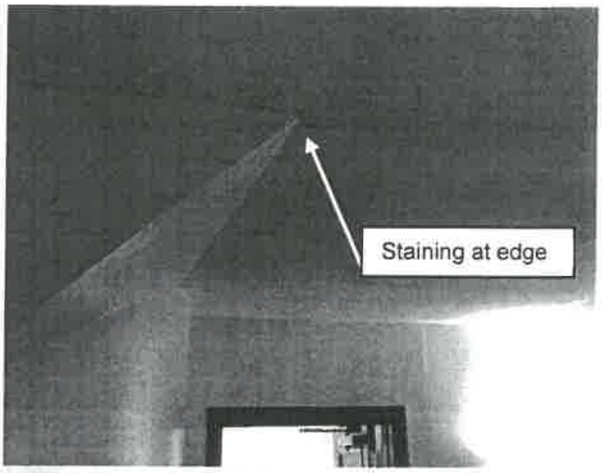
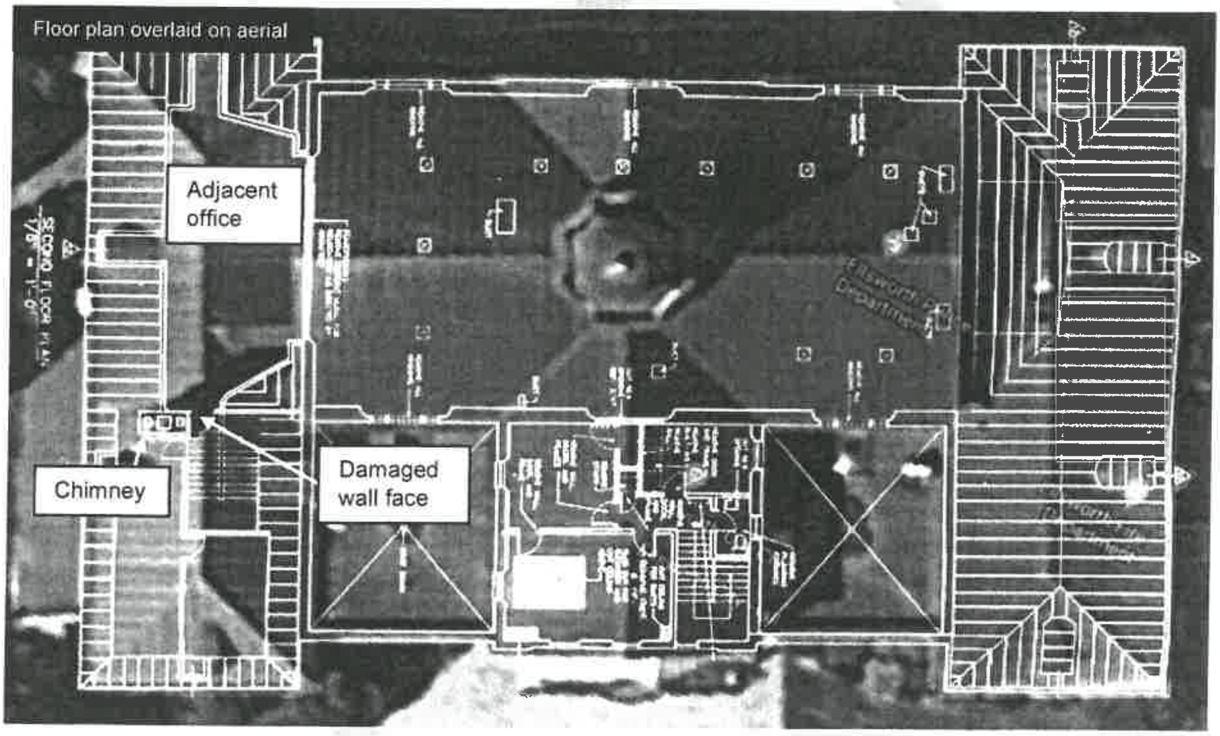




current or old??



On the first floor, the floor that both the South and North entrances enter on, is largely unaffected by moisture intrusion. The areas that show signs of moisture are the spaces below the infilled skylights (below southwest and southeast flat roofs) and areas adjacent to the stormwater leaders within the wall cavities. A few locations adjacent to windows, specifically on the north side by the entrance, show staining on surfaces.

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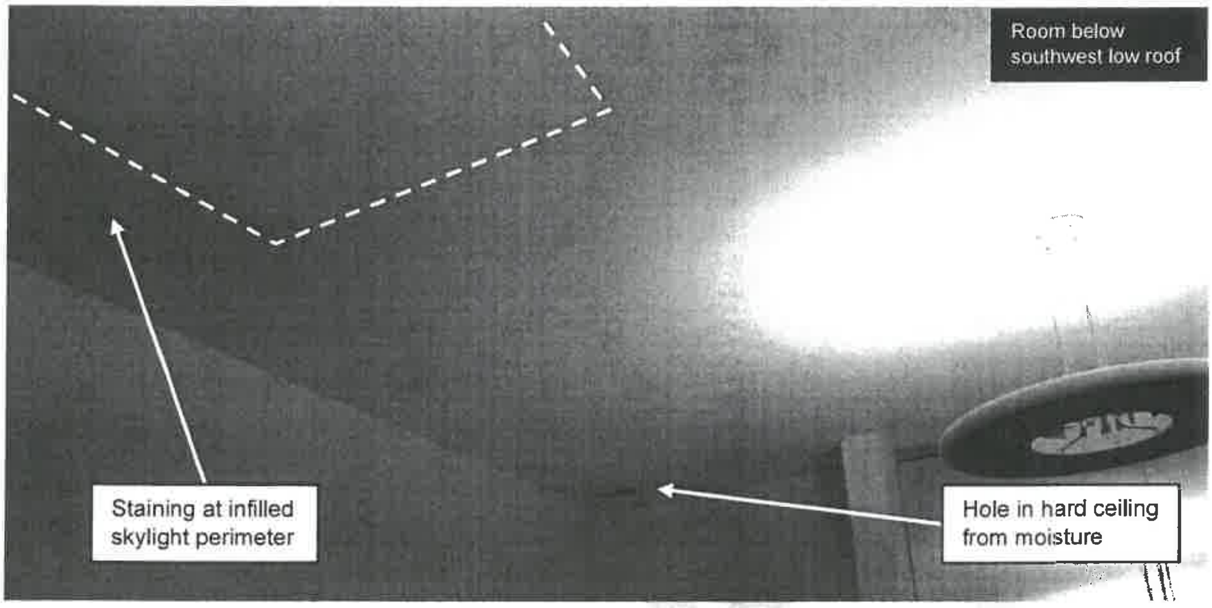

The basement perimeter walls show evidence of regular moisture infiltration, including historical evidence shared by Steve Joyal as well as physical evidence observed at the site. The firefighters bunk rooms, adjacent to the south side of the building, have had a history of moisture problems that were previously remediated. However, there is paint peeling on the interior surface, which is aligned with spots of efflorescence on the exterior side.

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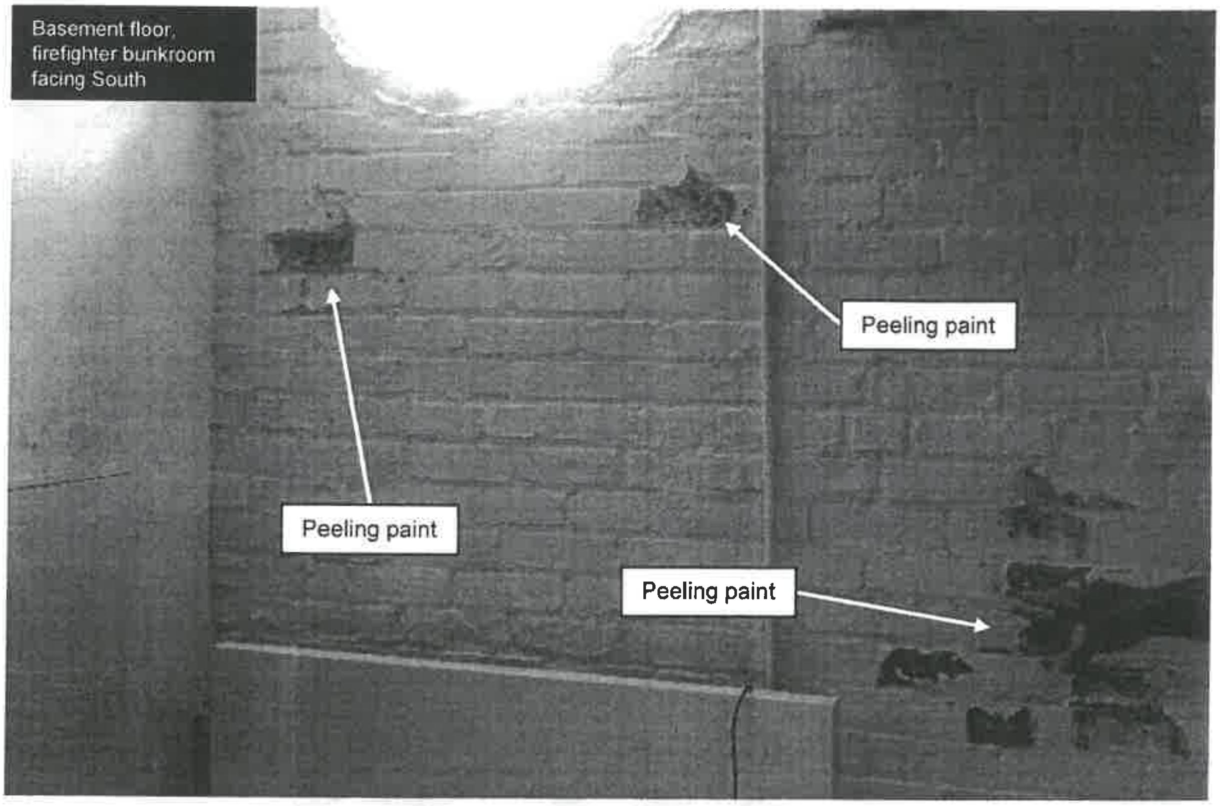
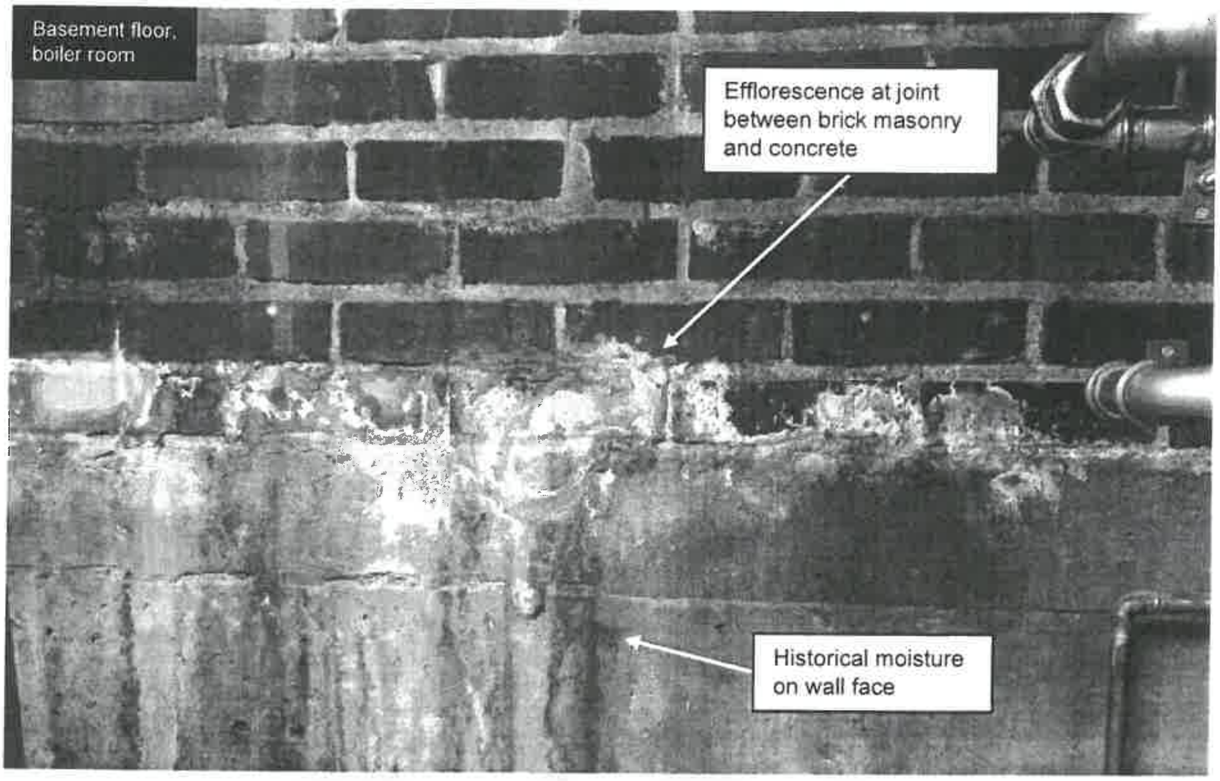
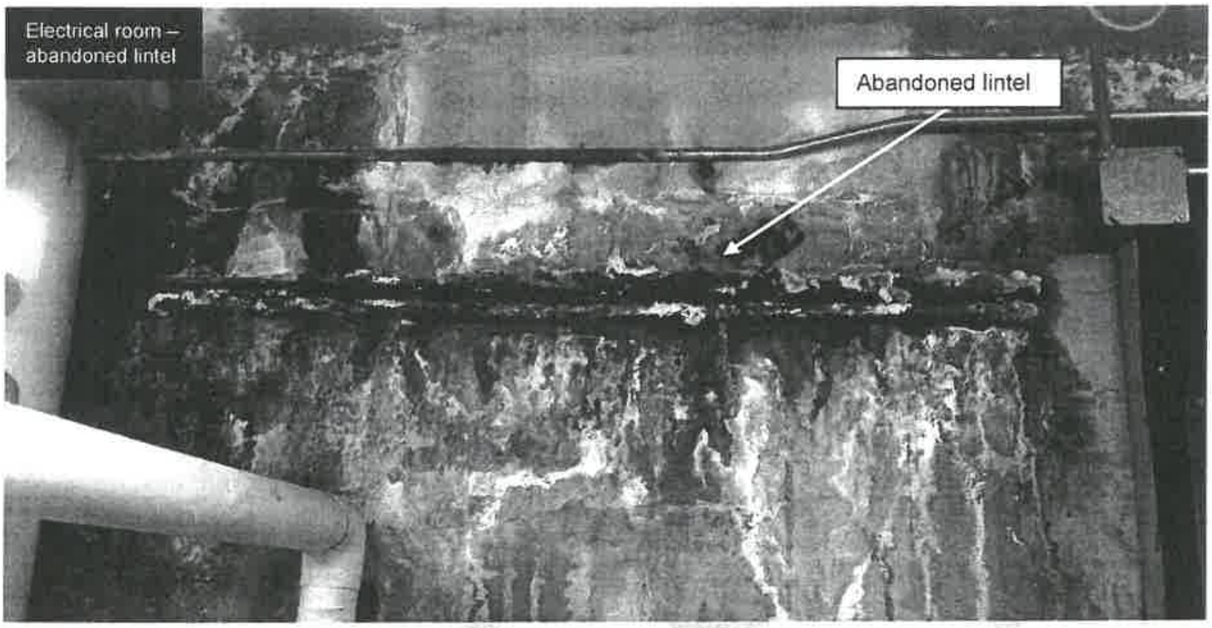


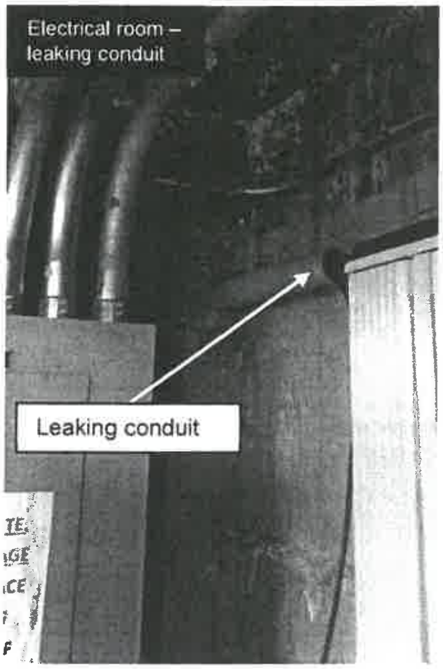
The basement rooms at the west and north edges of the building show extensive signs of water infiltration, specifically at the concrete foundation wall and masonry edge. The boiler room has heavy efflorescence at outer wall as well as evidence of moisture streaking running down the wall face.



The same can be seen in the electrical room in the northwest corner of the basement. This area can have active leaking during rain events, and at the time of the site visit, there was a bucket underneath a metal conduit which drains water into the space during heavy rain. The residue left behind by the water at this location was flaky and salty, indicating that the moisture that is able to infiltrate the space, most likely passes through the brick masonry assembly, either through voids in the grout or through the brick masonry units themselves.

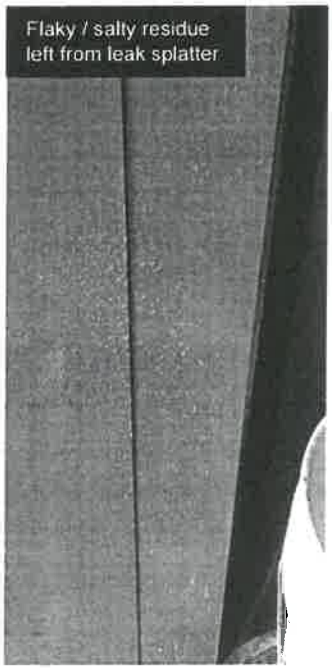


Electrical room – abandoned lintel

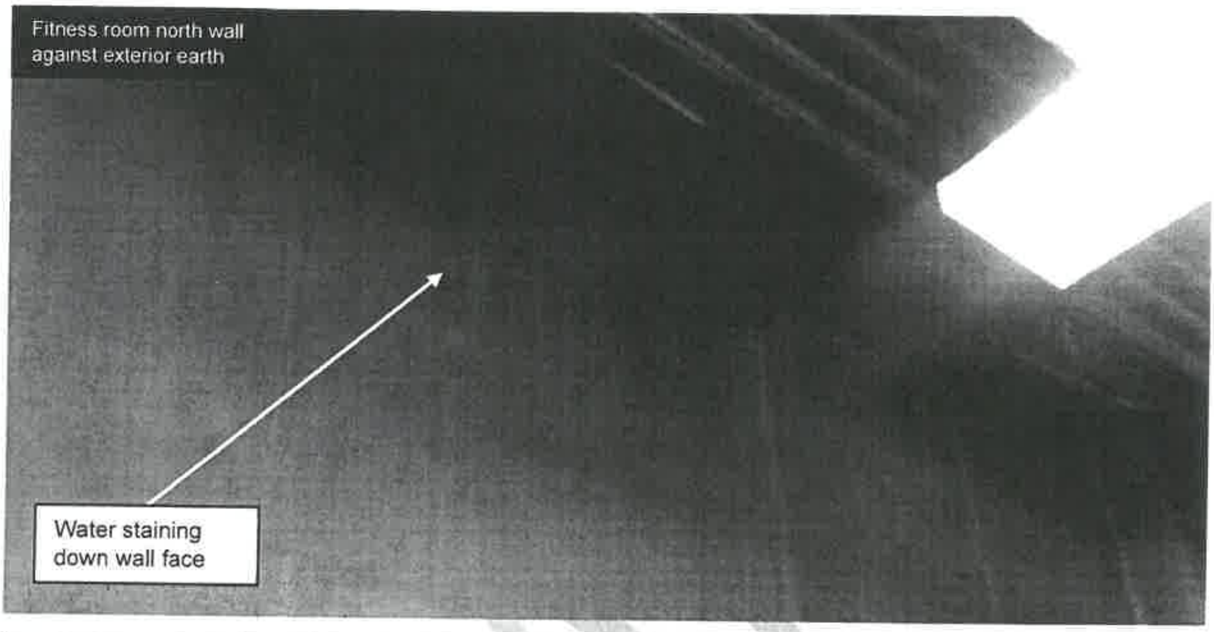


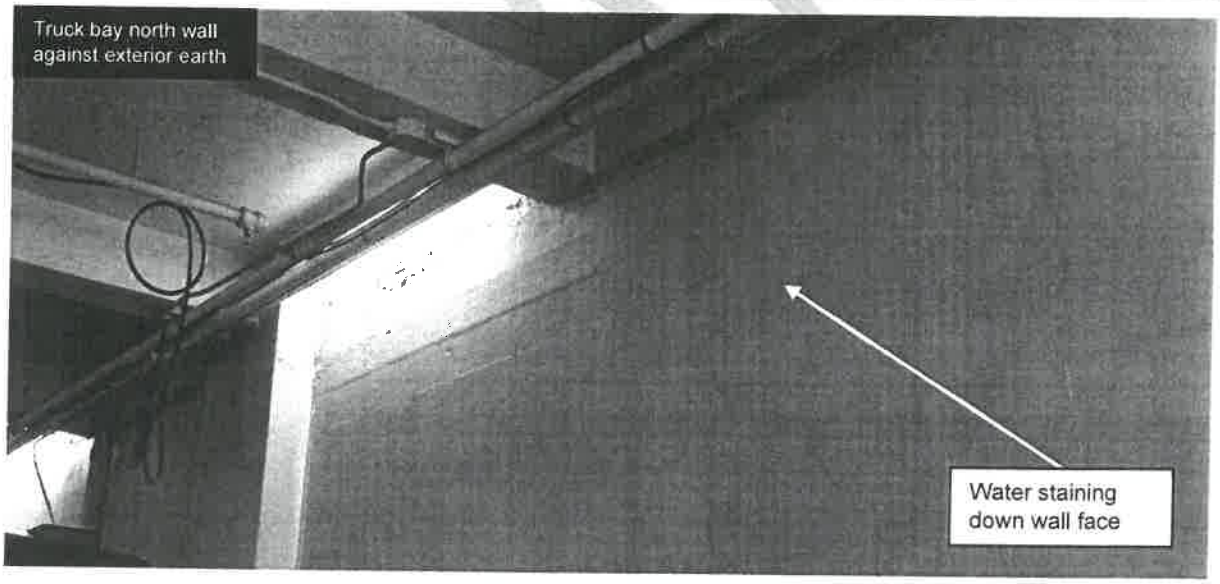
Electrical room – leaking conduit


Electrical room – bucket for catching leak from conduit


Flaky / salty residue left from leak splatter

Another basement room adjacent to the north face of the building is the relocated firefighter fitness room. The space essentially rests below the main north entrance, due to the intense slope of the site from north to south. The fitness room leaks actively during rain events and there is residue from leaking all along the wall, leaking to the truck bay to the east side of the building.






Paint peeling against north wall

RECOMMENDATIONS

The following is schematic path forward in helping to solve the exterior façade degradation of the Ellsworth City Hall. This is not a finished design intended for construction. The proposed recommendations are listed in degrees of importance, first prioritizing safety followed by the urgency of repair, aesthetic uniformity and long-term durability of the building envelope. Hence, the following recommendations are categorized from High to Low.

HIGH PRIORITY (Posing immediate concern for life safety or property damage.)

- Mediate the flow off the north SSM roof valleys that shed towards the ramped entry points at the north side. The current configuration and geometry of the roof creates a hazardous condition for pedestrians entering and exiting the building, especially during snow and ice conditions.
  - Mediation may include diverters to direct flow towards the existing gutters, modification of the existing gutters and leaders in that location, or modification of the entry in order to direct pedestrian travel paths away from where the runoff hits the ground.

- Rebuild the cracked and deteriorating brick masonry units at the upper corners, specifically at the northeast corner. There is current potential for falling brick masonry which is hazardous to pedestrians or firefighter personnel at the overhead door locations on the eastern face.

- Repair / rebuild the cupola. Because of the excessive leakage of the cupola witnessed, lack of immediate remediation will cause continued water damage to the interior of the building.
  - Repair - Work would include removing and replacing all the existing sealant. These areas include the continuous sill around the cupola, at the perimeters of the existing single pane windows, and all copper flashing components that wrap the cupola. This work would be a temporary fix.
  - Rebuild – Work would include selective demolition and salvaging of historically significant components such as the dome, windows, and ornamental woodwork. Existing wooden structures would be evaluated for stability and performance. Board sheathing would be replaced with plywood sheathing and building wrap. Framed openings for historic windows would be flashed and sealed using contemporary methods. Copper flashing around the cupola would be properly flashed and sealed against the cupola sheathing and would include proper sheet overlaps and be field welded at critical joints.

- Rebuild chimney. Due to damage witnessed at both the exterior and interior around the chimney, BES believes that a full rebuild of the chimney, down to the finish floor level of the second-floor storage, is required in order to alleviate the leaking issues at chimney. Work would include:
  - Removal of old chimney and chimney components to the finish floor of second floor. Rebuilt chimney would include watertight chimney envelope, re-flashed perimeter around SSM roof, new positively draining cricket at the east side of the chimney, and new concrete chimney cap that is flush, solid and sheds water appropriately.
  - Repair of damaged adjacent walls. Work would include removal of damaged finishes, replacement of plaster substrate and repainting of surfaces.

- Isolate exact location(s) of leaking within electrical room and patch accordingly. Work would include, tracking conduit path on the north wall and finding source of leak. BES believes that the water source is from the north masonry base, where loose brick masonry and voids in the head joints were witnessed. Resetting this entire area of brick masonry would help block a major source of water infiltration in the area.

MEDIUM PRIORITY (Affects near future and long-term performance of the building envelope and may adversely affect tenant's comfort if not addressed promptly.)

- Repair and rebuild base courses at north side of building. This area has loose units, voids in head joints and is in general disrepair which allows any surface water to infiltrate the cavity and enter the interior. Removal of the existing 3-4 base courses would enable evaluation of the wall assembly and help identify any leaks that are contributing to the electrical room, fitness room and north side of truck bay.

- Repair of finishes affected by the skylight infills and areas adjacent to internally run stormwater leaders. Work would include removal of interior finishes, evaluation of the structural components to ensure that no stability has been compromised, sealing of found leak paths, and installation of new finishes.

- Repointing of brick masonry by the fire department's entry door on the east side. The brick face is subjected to runoff from above and water runoff from the ramp and is in a deteriorating state. Cleaning and repointing in the area are recommended.

- Replacement of all EPDM roofing. As mentioned in the Woodard & Curran report, the EPDM roof is at the tail end of its lifespan. Removal and replacement would allow for a higher performing roof and enable analysis of the structure / sheathing below as well as create opportunity to re-flash all EPDM to SSM roof edges.

LOW PRIORITY (Non-immediate concerns that are not integral to life safety or building envelope uniformity and/or performance.)

- Consistent repointing throughout the exterior envelope. Due the piecemeal nature of historical repairs to the brick masonry, there are varying mortars used throughout. In areas that have been previously repaired, repointing that uses a more historically representative mortar could be done in an effort to bring a uniform appearance to the historical building.

- Diverters above fire department bay doors. During the site visit, multiple fire department staff mentioned the issue of falling snow/ice as well as needing to sometimes clear the front of the bay doors before being able to drive the trucks out. Diverters and/or snow guards over the bay doors would help to mitigate this issue.

This assessment was based on visual observations of readily accessible portions of the facility. Our findings and recommendations are based on observations of these representative conditions at the referenced facility at the time of our assessment. Other conditions may exist, or develop over time, which were not found during our investigation. BES reserves the right to modify our findings should additional information become available. Our recommendations and/or opinions are presented for consideration and do not represent a design or specification for repairs.

Please contact us if you have any questions or comments regarding this report.

End of findings report.

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Building Envelope Specialists, Inc.

Report Reviewed by:

Scott Whitaker
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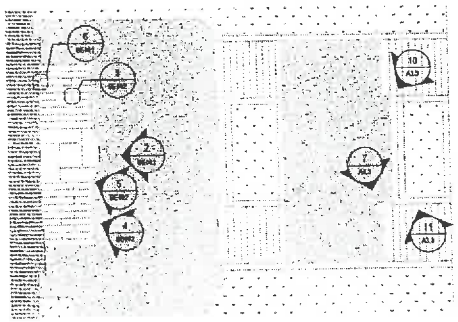
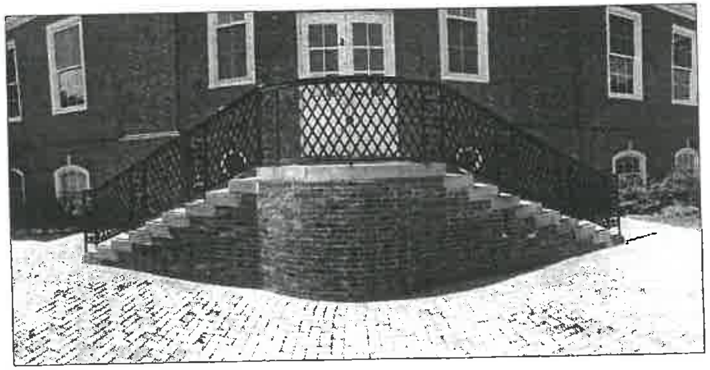
Building Envelope Specialist



1 STAIR KEY PLAN
1/8"=1'-0"



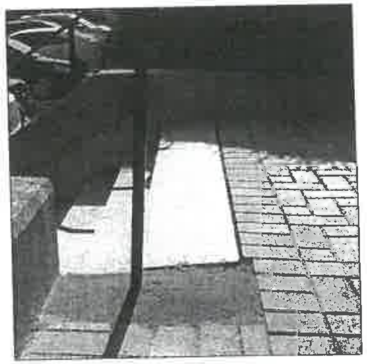
2 ENTRY STAIR ELEVATION PHOTO
EXISTING ENTRY STAIR

3 TYP GRANITE TREAD SEAM PHOTO
LOOSE SEALANT BETWEEN GRANITE TREAD PIECES

4 GRANITE TREAD OPEN FACE EDGE
VOIDS IN HEAD JOINTS AT BRICK - GRANITE SEAM

5 GRANITE TREAD OPEN FACE EDGE
BULGING OF FACE BRICK AND LARGE MORTAR JOINTS

6 GRANITE STAIR TREAD
CRACK IN TREAD AT CUT-OUT

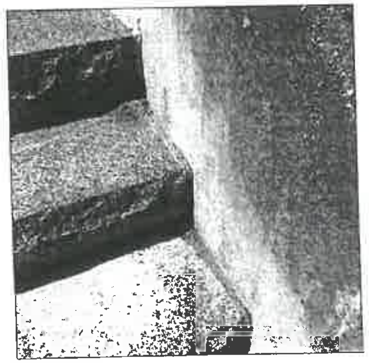


7 GRANITE TREAD AT GRADE, TYP SLOPED CONDITION
SLOPED UPPER TREAD (SAFETY HAZARD)

8 RUN OF STAIRS
EXISTING APPROACH STAIRS, SOUTH

9 RUN OF STAIRS
EXISTING APPROACH STAIRS, NORTH

10 GRANITE TREAD SEAM AT CONCRETE STRINGER, TYP
VOIDS AT GRANITE STAIR EDGE AGAINST CONCRETE STRINGER



11 GRANITE TREAD SEAM AT CONCRETE STRINGER, TYP
CRACKING MORTAR AND SAND / ORGANIC BUILDUP AT GRANITE - STRINGER SEAM

PROGRESS PRINT
"NOT FOR CONSTRUCTION"

Building Envelope Specialists
SPECIALIZED BUILDING CONSULTANTS
1 MADISON ST, FLOOR 2
SOUTH PORTLAND MAINE, 04116
PHONE: 207.400.0086

CITY OF ELLSWORTH
1 CITY HALL PLAZA, ELLSWORTH ME 04605

ENTRY STAIR REPAIR / REPLACE PROJECT

REVISIONS

DRAWN BY:	GN
CHECKED BY:	SW / TD
DATE:	12-20-2019
ISSUED:	100% SUBMISSION FOR CITY REVIEW

EXISTING CONDITIONS PHOTOGRAPHS

BE002

SCALE: AS NOTED
PROJECT NUMBER: 012.0-19

City of Ellsworth
5 Year Capital Improvement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Technology (Section 5)						
Computer Replacement	20,000	20,000	22,000	10,000	15,000	87,000
MS Office Upgrade	11,000	11,000				22,000
Server Software	15,000	15,000	15,000	15,000	15,000	75,000
Fiber Optic Expansion	15,000	5,000	5,000	5,000	5,000	35,000
Network Storage	25,000	5,000	5,000	5,000	5,000	45,000
Server Hardware				200,000		200,000
Total Technology	**86,000**	**56,000**	**47,000**	**235,000**	**40,000**	**464,000**

"Thin Clients"

"Draft" Browser as well

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Information Technology______ **CONTACT PERSON:** Jason Ingalls________

PROJECT TITLE: _Network Storage__________

LOCATION: __Ellsworth____________

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Network Server Storage Nodes

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Over time it becomes necessary to increase our network storage capacity in order to hold the increasing amount of data on the City network. We are currently at 72% capacity. At 80% performance will be reduced and at 90% reliability is in jeopardy.

FORM OF ACQUISITION *(check appropriate)*:

_X_____ Purchase ________ Lease

TOTAL ESTIMATED COST: $25,000

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

$25,000 in FY2021 from General Taxation.

$5,000 in FY2022, 2023, 2024, & 2025

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- X Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by othe[r] __________Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Information Technology **CONTACT PERSON:** Jason Ingalls

PROJECT TITLE: Desktop Computer Replacements

LOCATION: Ellsworth, ME

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Annual Replacement Computers for City of Ellsworth Employees

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Information Technology Department maintains a five-year replacement cycle for all computers used by City employees. Some years we replace many more computers than others due to the timing of this cycle. For this reason, and to avoid major swings in the operational budget we will be putting aside a consistent amount of money into CIP each year.

FORM OF ACQUISITION ***(check appropriate)*****:**

__X____ Purchase ________ Lease

TOTAL ESTIMATED COST: Annual expense. Amount varies.

NUMBER OF UNITS REQUESTED:
Varies.

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- X Scheduled Replacement
- X Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

$20,000 in FY2021 from tax revenue.
$20,000 in FY2022
$22,000 in FY 2023
$10,000 in FY 2024
$15,000 in FY 2025

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Computers	Various	5 years+			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

________Possible Use by other a

__________Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Information Technology

CONTACT PERSON: Jason Ingalls

PROJECT TITLE: MS Office Upgrade

LOCATION: Ellsworth, ME

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase latest version of MS Office software.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Microsoft releases new versions of Microsoft Office every few years and eventually stops supporting/maintaining the older versions. In order to maintain compatibility and security we need to upgrade our MS Office Software periodically.

FORM OF ACQUISITION ***(check appropriate)*****:**

_X___ Purchase ________ Lease

TOTAL ESTIMATED COST: $43,000 in FY2022

NUMBER OF UNITS REQUESTED:
100 User License

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

$11,000 in FY2021 from General Tax Revenue.

$11,000 in FY2022

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- X Scheduled Replacement
- X Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
MS Office 2016	Microsoft	5 years			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by other agenc

__________Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Information Technology

CONTACT PERSON: Jason Ingalls

PROJECT TITLE: Server Software

LOCATION: Ellsworth, ME

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase current versions of various server software applications. For example: Microsoft Exchange Server, Microsoft SQL Database Server, Windows Server and Windows Server Access Licenses.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Software companies are constantly releasing new versions of the applications and we need to stay up-to-date in order to maintain compatibility and security. Also, new versions of other applications, like Munis, require server software to be kept up to date to use their latest versions.

FORM OF ACQUISITION ***(check appropriate)*****:**

__X____ Purchase _________ Lease

TOTAL ESTIMATED COST: Annual Expense. Amount Varies.

NUMBER OF UNITS REQUESTED:
Varies

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

$15,000 in FY2021 from General Tax Revenue.

$15,000 in FY 2022, 2023, 2024, & 2025

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- X Scheduled Replacement
- X Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
MS Exchange	Microsoft	Varies			
MS SQL Server	Microsoft	Varies			
MS Windows Server	Microsoft	Varies			
Misc.	Misc.	Varies			

RECOMMENDED DISPOSITION OF REPL

__________Possible Use by other agencies _____Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Information Technology **CONTACT PERSON:** Jason Ingalls

PROJECT TITLE: Fiber Optic Expansion

LOCATION: Ellsworth, ME

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Install fiber optic from High St, down Beechland Rd to Bayside Rd and back to COBI hut.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

As we have moved our most critical infrastructure offsite is more important than ever to have redundant network paths to access that data. This will provide that ability and also expand the availability of the City's fiber network to more people. It will also allow us to eliminate service from Spectrum to the Wastewater Plant saving $3000 annually.

FORM OF ACQUISITION *(check appropriate)*:

X Purchase ___ Lease

TOTAL ESTIMATED COST: ~~$20,000~~ 15,000 **in FY 2021**

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

$15,000 in FY2021 from General Tax Revenue.

$5,000 in FY 2022, 2023, 2024, & 2025

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- X Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

______Possible Use by other agencies ______Trade-In ______Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

DEPARTMENT: Information Technology   **CONTACT PERSON:** Jason Ingalls

PROJECT TITLE: Server Hardware

LOCATION: Ellsworth, ME

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

The IT Department maintains a 5-year replacement schedule for server hardware and related components such as core network switches, fiber optic modules and battery backup systems.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Server hardware is in use 24x7 and over time components begin to fail and become obsolete. It is important to our daily operations, including public safety, to make sure our core infrastructures is refreshed on a regular schedule.

FORM OF ACQUISITION ***(check appropriate)*****:**

______ Purchase   __X__ Lease

TOTAL ESTIMATED COST: $200,000 in FY 2024

NUMBER OF UNITS REQUESTED:
Varies

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

No funding proposed for FY2021. Anticipate doing a lease purchase at next schedule refresh in 2024.

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- X Scheduled Replacement
- X Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Scale HC3 Cluster	Scale Computing	5 years			
Network Switches	Ubiquiti	5 years			
Battery Backups	APC	5 years			

COMMENDED DISPOSITIC

__________Possible Use by othe   __________Sale

City of Ellsworth
5 Year Capital Improvement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Highway Building (Section 6)						
Gantry System	12,000					12,000
Fascia Work	45,000					45,000
Break Room/office/bathroom	100,000					100,000
Building On-Demand Generator		35,000				35,000
Air Compressor & Air Hoses Replacement		10,500				10,500
Replace Floor Drains			25,000			25,000
Total Highway Building	**157,000**	**45,500**	**25,000**	**0**	**0**	**227,500**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Gantry System

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase 2 each – 3 Ton Gantry

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Currently the Gantry system is in the Mechanic end of the Shop, this second system would be on the other end of the shop and assist with crew members installing and removing plows, wings, sanders and truck pieces. Currently they use equipment outside to lift these items if both sides of the garage are preparing for a storm. This will allow crew to safely lift heavy items in multiple locations indoors.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase   ________ Lease

TOTAL ESTIMATED COST:
$12,000

NUMBER OF UNITS REQUESTED:
2

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☒ Expanded Service
- ☐ New Operation
- ☒ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

	Trade-In	Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Public works________ **CONTACT PERSON:** ___Lisa Sekulich ____

PROJECT TITLE: ___Garage Fascia work _

LOCATION: ________Highway Garage

DESCRIPTION OF PROPOSED PROJECT:

Highway Garage Re-facing and door widening

Remove existing siding and reinsulate building with 1.5" Styrofoam insulation with an R-7.5 value, widen 1 existing bus garage door opening and then place new metal 26 gauge metal siding on the 202' front of building. This includes 3 new windows and new entrance canopy.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Currently the 3 bus doors are too narrow for the plow trucks to park in this section of the garage. This door widening would allow plow truck access to the entire garage. Currently there are holes in the siding and very little insulation in the garage vertical walls.

TOTAL ESTIMATED COSTS:

Planning, Design,	$______1,000__________
Engineering:	$________________
Land Purchase:	$________________
Construction:	$______44,000_________
Equipment & Furniture:	$________________
Other:	$________________
Miscellaneous:	**$_____45,000___________**
TOTAL COST	

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	$1000					
Land Acquisition						
Construction	$44,000					
Other						
TOTAL COST	$45,000					
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Public works________ **CONTACT PERSON:** ___Lisa Sekulich ____

PROJECT TITLE: _Break room/office/bathroom _

LOCATION: ________Highway Garage

DESCRIPTION OF PROPOSED PROJECT:

Remodel or bring in Break room trailer, remodel bathroom and add directors office

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Currently our highway staff do not have a break room/ enclosed area that is dust free and sanitary for use during breaks/ lunches or meals which working during snow storms. This request would be to remodel a portion of the existing highway garage to be a break room, office and update bathroom or add a mobile break room/office trailer for our use.

TOTAL ESTIMATED COSTS:

Planning, Design,	$_______5,000___________
Engineering:	$__________________
Land Purchase:	$__________________
Construction:	$_______95,000___________
Equipment & Furniture:	$__________________
Other:	$__________________
Miscellaneous:	**$______100,000___________**
TOTAL COST	

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	$5,000					
Land Acquisition						
Construction	$95,000					
Other						
TOTAL COST	$100,000					
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Building On Demand Generator

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Building On Demand Generator

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the current generator that does not power/ heat whole garage during power outages. During outages the large doors have to be manually operated by the crew. The large doors are very heavy and ladders are needed in some cases to get them up and down. Since these people are usually also working long hours during storms/outages the lack of lights/power is a safety concern. They also then have no place to go that is heated to get out of the storm for a meal or break.

FORM OF ACQUISITION ***(check appropriate)*:**

____X____ Purchase _________ Lease

TOTAL ESTIMATED COST:
$35,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*:**

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ■ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Generator	Unknown	OLD			

RECOMME **MENT ITEMS(S):**

________ Trade-In X Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Air Compressor/Air Hose system

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace Air Compressor and Air hoses

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Current Air compressor and air lines do not have sufficient pressure to run the 1" impact that is used for large equipment and trucks. The upgrade would replace the current compressor and upgrade the size of the hoses to gain the pressure needed to run the repair equipment we use on a daily basis. Our currently system we received used, years ago, from Boggy Brook School.

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:

$10,500

NUMBER OF UNITS REQUESTED:

1 compressor , approx. 700 ft air hose

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Compressor	Quincy	25 yrs			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_Trade-In   _____X_____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2023

DEPARTMENT: Public works_________ **CONTACT PERSON:** ___Lisa Sekulich ____

PROJECT TITLE: _replace floor drains _

LOCATION: ________Highway Garage

DESCRIPTION OF PROPOSED PROJECT:
Replace floor drains in highway garage floor

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Currently the floor drains continuously plug up as it wasn't designed for the sand and muck that it gets in it . This project would redesign the system so that the floor is not covered in water most of the winter.

TOTAL ESTIMATED COSTS:

Planning, Design, $________________
Engineering: $________________
Land Purchase: $________________
Construction: $_______25,000___________
Equipment & Furniture: $________________
Other: $________________
Miscellaneous: $________________
TOTAL COST

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2023	2024	2025	2026	2027	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction	$25,000					
Other						
TOTAL COST	$25,000					
Maintenance & Operation Costs						

City sworth
5 Year Capi mprovement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Highway Equipment & Upgrades (Section 7)						
Truck / Plow (Replacement)	175,000	195,000	177,000	179,000	195,000	921,000
Portable Message Signs	28,000					28,000
Paved Plow Storage Area	12,500					12,500
Salt Sand Shed/Building	150,000	150,000	150,000	150,000	150,000	750,000
Lawn Mower/Z Trak	16,500					16,500
3/4 Ton Pickup	40,000	48,000	45,000			133,000
Radio Upgrades		50,000				50,000
Trusk Wash/Hydrant/Booster		20,000				20,000
Backhoe			180,000			180,000
Pole Barn/Equip Storage			25,000			25,000
Mower/Tractor			25,000			25,000
Salt Brine System			10,000	10,000		20,000
1.5 Ton Truck with plow and sander				65,000		65,000
Grader				500,000		500,000
GPS/Fleet Management System				30,000	30,000	60,000
Leaf Vac System					83,000	83,000
Total Highway Equipment & Upgrades	**422,000**	**463,000**	**612,000**	**934,000**	**458,000**	**2,889,000**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Highway Truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a single axle truck with plow and gear

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2010 Plow Truck – Due to electronic components, trucks are now rated for an 8-year life.

FORM OF ACQUISITION ***(check appropriate)***:

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$97,000 - Truck
$77,000 - Plow & Gear
$ 1,000 – Radio
Total Approximately: $175,000

NUMBER OF UNITS REQUESTED:
1

PURPOSE OF EXPENDITURE ***(check appropriate)***:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2010 Plow Truck	International	11 yrs	$14,400		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__X__ Trade-In   __X__ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Portable Message Signs

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase 2 each – trailer mounted programmable message signs

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

These signs would be used during weather events, special events or road work for advance notification to drivers/public of what is happening. They can be set up so that multiple department have the ability to use them and program the messages displayed on them.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$28,000

NUMBER OF UNITS REQUESTED:
2

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ■ Expanded Service
- ☐ New Operation
- ■ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________ __________ Trade-In __________ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Public works________ **CONTACT PERSON:** ___Lisa Sekulich ____

PROJECT TITLE: _Paved plow storage area _

LOCATION: _______Highway Garage

DESCRIPTION OF PROPOSED PROJECT:

Grade and pave area for summer plow storage

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Currently our plows and wings are stored in a weed-infested area in the summer time, which holds moisture and deteriorates our gearing. The gear "sinks" into the dirt and it makes trying to hook up to them tricky. They also freeze into the soil when they are detached during the winter season . This project would create a paved area, which would be an organized storage area for this gearing. It would help keep the couplers from rusting up and the gearing organized. The DEP has also in their review of our pit operations noted that tidiness of the pit/storage area is of concern. This would be one step in the right direction for this item.

TOTAL ESTIMATED COSTS:

Planning, Design, $________________
Engineering: $________________
Land Purchase: $________________
Construction: $______12,500__________
Equipment & Furniture: $________________
Other: $________________
Miscellaneous: **$_____12,500___________**
TOTAL COST

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction	$12,500					
Other						
TOTAL COST	$12,500					
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Public works

CONTACT PERSON: Lisa Sekulich

PROJECT TITLE: Salt Sand Shed

LOCATION: Highway Garage

DESCRIPTION OF PROPOSED PROJECT:

Salt Sand Shed/building

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Currently our salt sand is stored outside year round. MDEP has changed rules that requires salt sand to be stored under cover and on an impervious surface. This shed would house our stockpile and meet DEP requirements.

TOTAL ESTIMATED COSTS:

Planning, Design,	$ 15,000
Engineering:	$
Land Purchase:	$
Construction:	$ 735,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$ **750,000**
TOTAL COST	

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation/financing

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	$15,000					$15,000
Land Acquisition						
Construction	$135,000	$150,000	$150,000	$150,000	150,000	$735,000
Other						
TOTAL COST	$150,000	$150,000	$150,000	$150,000	150,000	$750,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Lawn Mower – Z- trak

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a zero turn lawn mower for mowing city owned properties

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2009 zero turn mower

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$16,500

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
2009	Z-trak	12 yrs	$ 270		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

____________ Trade-In   ______X_____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Highway ¾ Ton Truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a 4- wheel drive ¾ ton pick up truck

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2005 Ford F-250 ¾ Ton 4 WD pick up that was handed down to the department from the wastewater department. This truck will no longer pass for an inspection sticker and estimated repair costs are more than the truck is worth . It needs a motor as well as body work to be able to pass inspection. Estimated work would cost between $6000 -$8000. This truck is critical as it serve as one of the trucks that crews use to haul material and equipment out to job sites throughout the city. This department has had multiple hand me down trucks in the last 10 years and they are all getting worn out . The last new truck this department had was in 2014 (foreman truck)

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase _________ Lease

TOTAL ESTIMATED COST:
$39,000- Truck
$ 1,000 – Radio
Total Approximately: $40,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
2005 Ford F-250	Ford ¾ Ton	15 yrs	$6000-8000 to make it run/inspectable		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_________ ____X____ Trade-In ____X____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Highway Truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a 2 axle truck (wheeler) with plow and gear

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2006 (purchased new in 2010) Plow Truck – Due to electronic components, trucks are now rated for an 8-year life.

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$107,000 - Truck
$87,000 - Plow & Gear
$ 1,000 – Radio
Total Approximately: $195,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2006 Plow Truck	International	16 yrs	$13,000		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

________________   __Trade-In   _______X_____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Highway ¾ Ton Truck with plow

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a 4- wheel drive ¾ ton extended cab Foreman pick up truck with Plow

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The current Foreman truck will remain with the fleet and this truck will replace the 2007 ½ ton pick up that was handed down from the water department . This truck is critical as it serve as one of the trucks that crews use to haul material and equipment out to job sites throughout the city. The primary use will be by the foreman, but as with all trucks they will be used by the department as a whole. This department has had multiple hand me down trucks in the last 10 years and they are all getting worn out . The last new truck this department had was in 2014 (current foreman truck)

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase _________ Lease

TOTAL ESTIMATED COST:
$39,000- Truck
$ 1,000 – Radio
$8,000- Plow and gear
Total Approximately: $48,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2007 ½ ton Silverado	Chevy	13 yrs	$ 558		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

____

_____X_____ Trade-In _______X_____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Radio Upgrade

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:
Upgrade radio tower and equipment radios to be digital

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement/upgrades to radio tower and upgrade to digital radios (23 each)

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$ 32,750- tower upgrades
$ 17,250 – Radios
Total Approximately: $50,000

NUMBER OF UNITS REQUESTED:
23

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ☐ Scheduled Replacement
- ■ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ■ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Radios	various	various			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_____ Trade-In   X Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: Public works________ **CONTACT PERSON:** ___Lisa Sekulich ____

PROJECT TITLE: _truck wash/hydrant/booster _

LOCATION: _______Highway Garage

DESCRIPTION OF PROPOSED PROJECT:

Run new water line and install booster pump and hydrant to make an outdoor truck wash station .

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Currently the water pressure at the highway garage is low , this make cleaning off our trucks in the water a time consuming process . The installation of this larger water line and booster pump will not only help the pressure in general in the building it will allow us to clean off the trucks in the winter much better and much faster saving both time and money . It will save in personnel costs as well as truck costs , if we can get all the built up salt off them .

TOTAL ESTIMATED COSTS:

Planning, Design, $________________
Engineering: $________________
Land Purchase: $________________
Construction: $_______20,000__________
Equipment & Furniture: $________________
Other: $________________
Miscellaneous: $________________
TOTAL COST

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2022	2023	2024	2025	2026	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction	$20,000					
Other						
TOTAL COST	$20,000					
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Highway Truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a single axle truck with plow and gear

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2013 Plow Truck – Due to electronic components, trucks are now rated for an 8-year life.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$97,000 - Truck
$79,000 - Plow & Gear
$ 1,000 – Radio
Total Approximately: $177,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Maint. Cost	Prior Year's Breakdowns	Rental Costs
2013 Plow Truck	International	10 yrs	$5200		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________ Trade-In   X Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Public Works **CONTACT PERSON:** Lisa Sekulich / Bernie Hussey

PROJECT TITLE: ¾ ton stake body truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a ¾ ton pick up with stake body

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2009 Chevy 2500 truck used by crew members for transporting material and equipment on a daily basis . Requesting a stake body truck for hauling larger amounts of materials and equipment.

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase _________ Lease

TOTAL ESTIMATED COST:
$45,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
¾ ton Pick up truck	Chevy Silverado 2500	14	$1,630		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

X Trade-In ______ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Backhoe

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a new backhoe

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Purchase new backhoe to use as our shop backhoe, current John Deere (2012) shop backhoe to remain with department to be used at offsite at our brachview drive storage area. Old John Deere (2000) backhoe to be sold at auction or traded in .

FORM OF ACQUISITION ***(check appropriate)***:

____X____ Purchase _________ Lease

TOTAL ESTIMATED COST:
$180,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)***:

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
2000 backhoe	John Deere	23			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_____X____ Trade-In __________ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2023

DEPARTMENT: Public works________ **CONTACT PERSON:** ___Lisa Sekulich ____

PROJECT TITLE: Pole Barn/Equip Storage _

LOCATION: _______Highway Garage

DESCRIPTION OF PROPOSED PROJECT:
Build Pole Barn type storage for highway equipment

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

This building will house trucks/equipment in all seasons. This way there will be more room in the garage for working on equipment and be able to walk through the garage in the winter when everything needs to be inside/under covered storage.

TOTAL ESTIMATED COSTS:

Planning, Design, $__________
Engineering: $__________
Land Purchase: $__________
Construction: $______25,000__________
Equipment & Furniture: $__________
Other: $__________
Miscellaneous: $__________
TOTAL COST

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2023	2024	2025	2026	2027	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction	$25,000					
Other						
TOTAL COST	$25,000					
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Tractor/mower/backup sidewalk plow

LOCATION: Public Works Highway

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a tractor with mower for roadside mowing and blade for back up sidewalk plowing

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2011 John Deere tractor with mower and plow blade

FORM OF ACQUISITION ***(check appropriate)***:

____X____ Purchase   ________ Lease

TOTAL ESTIMATED COST:
$25,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)***:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2011	John Deere	12 yrs	$ 1232		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

____________   _Trade-In   _____X_____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Salt Brine System

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase Tanks, mixers, materials and distribution system to salt brine/pre-treat roads.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Salt Brine system would lower our usage/ cost of calcium chloride and allow us to pretreat the roads in hopes of easier plowing as well as traffic safety. Bar Harbor utilizes this process and found that their salt budget did not increase much and they gained savings in the cost of calcium chloride. Salt brine is also less corrosive and more environmentally friendly.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase ________ Lease

TOTAL ESTIMATED COST:
$10,000 FY 2023
$10,000 FY 2024

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☐ Expanded Service
- ■ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

	________ Trade-In	________ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Highway Truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a single axle truck with plow and gear

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2014 Plow Truck – Due to electronic components, trucks are now rated for an 8-year life.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$99,000 - Truck
$79,000 - Plow & Gear
$ 1,000 – Radio
Total Approximately: $179,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2014 Plow Truck	International	10 yrs	$4300		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________ Trade-In   X Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich/Bernie Hussey

PROJECT TITLE: 1 ½ ton Truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a 1 1/2 -ton truck with plow, sander and dump body
Equipped with diesel fuel

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2012 1 1/2 -ton truck

FORM OF ACQUISITION *(check appropriate)*:

____X___ Purchase _________ Lease

TOTAL ESTIMATED COST:

$65,000 with plow and sander

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
1 ½ -ton truck	Ford F550	12 yrs	$2,700		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

____________ __________ Trade-In __________X___ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Grader

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a Grader with 12 ft Moldboard , plow, wing and rake

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2007 Volvo grader , used for grading gravel roads , cutting ice and winging back snow banks in winter

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase   ____X____ Lease

TOTAL ESTIMATED COST:
$500,000- lease options over multiple years available

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2007 Grader	Volvo	17 yrs	$15,108		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________ Trade-In   ____X____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2024

DEPARTMENT: Public works

CONTACT PERSON: Lisa Sekulich

PROJECT TITLE: GPS/Fleet Management system

LOCATION: Highway Garage

DESCRIPTION OF PROPOSED PROJECT:

Outfit equipment with GPS and associated equipment (ground speed control) for fleet management and purchase software to manage fleet in real time.

JUSTIFICATION & USEFUL LIFE:

(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

This program would allow us to track in real time our fleet to determine plow route time frames, how much salt is being placed per mile, trip times for hauling materials and better understand all aspects of how public works functions to better allocate our resources.

TOTAL ESTIMATED COSTS:

Planning, Design, $
Engineering: $
Land Purchase: $
Construction: $
Equipment & Furniture: $ $60,000
Other: $
TOTAL COST $ **$60,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2024	2025	2026	2027	2028	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other	$30,000	$30,000				$60,000
TOTAL COST	$30,000	$30,000				$60,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2025

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Highway Truck

LOCATION: Public Works Highway Garage

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a 2 axle truck (wheeler) with plow and gear

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of the 2016 Plow Truck – Due to electronic components, trucks are now rated for an 8-year life.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase ________ Lease

TOTAL ESTIMATED COST:
$107,000 - Truck
$87,000 - Plow & Gear
$ 1,000 – Radio
Total Approximately: $195,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☒ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☒ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2016 Plow Truck	International	9 yrs			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

________ Trade-In X Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2025

DEPARTMENT:	Public Works	**CONTACT PERSON:**	Lisa Sekulich / Bernie Hussey
PROJECT TITLE:	Leaf Vac System		
LOCATION:	Public Works Highway		

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase a Leaf Vac System

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

This system would allow us to pick up leaves roadside to benefit the residents and keep the leaves from clogging up our culverts and storm water systems. Budgeted system is an all in one unit trailer that is pulled behind a truck but contains the leaves in its own hopper.

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase ________ Lease

TOTAL ESTIMATED COST:
$83,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ■ Expanded Service
- ■ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

________ ________ Trade-In ________ Sale

City sworth

5 Year Capi provement Plan

FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Transfer Station (Section 8)						
Truck Scale	85,000					85,000
Forklift		26,000				26,000
Vertical Compactors		12,500	12,500			25,000
Mini Excavator			65,000			65,000
Total Transfer Station	**85,000**	**38,500**	**77,500**	**0**	**0**	**201,000**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Replace Scale

LOCATION: Transfer Station/Recycle Center

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace current drive on scale unit that is failing/structurally unsound.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

See attached email from Mettler Toledo Scale, the company that maintains the scale for us.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$85,000

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Scale		30+/-	$4000 +/-	Multiple	

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_________ Trade-In   _________ Sale

Lisa Sekulich

From: Bernie Hussey
Sent: Tuesday, November 19, 2019 10:47 AM
To: Lisa Sekulich
Subject: Fwd: truck scale
Attachments: POWERCELL_PDX_10_5_Truck_and_Rail_Scales_Warranty-Presale _1_Pager.pdf; 100 GDD 570.pdf; ellsworth 111919.pdf; POWERCELL_PDX_10_5_Truck_and_Rail_Scales_Warranty Presale _1_Pager.pdf; 100 GDD 570.pdf; ellsworth 111919.pdf

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---------- Forwarded message ----------
From: "**Jim.Garrity@mt.com**" <Jim.Garrity@mt.com>
Date: Tue, Nov 19, 2019 at 10:23 AM -0500
Subject: RE: truck scale
To: "Bernie Hussey" <bhussey@ellsworthmaine.gov>

Bernie
I attach a quote for the new scale. This is for the scale, all cabling and hardware as well as a full function display, freight, crane and install/certification.

I have left the removal and foundation repair off this version as I would like to discuss those aspects with you in more detail. There are some different ways to do this.

Take a look and let me know.

Thank You,

Jim Garrity
Vehicle Scales Specialist
METTLER TOLEDO
518 392-9689
518 441-4764 cell
614 985-9688 fax
Jim.garrity@mt.com
www.mt.com

METTLER TOLEDO

From: Bernie Hussey <bhussey@ellsworthmaine.gov>
Sent: Tuesday, November 19, 2019 7:45 AM
To: Garrity Jim MTMO-US <Jim.Garrity@mt.com>
Subject: RE: truck scale

Good morning Jim if you could get me a price on a new scale for in ground that would be great.I know there are some hidden aspects of the current scale that cannot be seen and that the scale would have to come out to see what the issues are under it.So whatever needs to be done it will have to be done.If you have any questions please ask thank you

From: Jim.Garrity@mt.com <Jim.Garrity@mt.com>
Sent: Tuesday, November 12, 2019 2:09 PM
To: Bernie Hussey <bhussey@ellsworthmaine.gov>
Cc: David.Lorfano@mt.com
Subject: RE: truck scale

Bernie
I visited with Wen and inspected the scale on Saturday. She was a great help.

The scale, as you know, is in very poor shape. The main structure is failing. There is wooden blocking holding parts up and the steel frame is deteriorated badly. The other thing that is happening that has caused damage is allowing vehicles to drive on/off the side of the scale. This practice has increased the problems. The scale is designed to move in a back and forth direction, by driving off the side, the vehicles are pushing the scale in directions it was not meant to see. One of the load cell and pier assemblies is tilting and the scale, in my opinion, is unsafe.

As far as what to do about it......
The current scale has to be replaced.
We can use the existing pit....but that needs some work too. The steel coping on the exit end is missing. There is also steel coping on the far side near the exit end that needs to be replaced. In addition, there will need to be concrete work to build the piers up to accept a new scale. Also it is possible there may be some additional structure work that wont be revealed until the old scale is out. If you do decide to re-use the pit, I recommend mounting bollards or some other partition to stop the vehicles from driving on/off the side.

You don't have a lot of room for an above ground scale but there is a possibility of putting it outside the existing pit (further away from the building) where you have the two steel containers. For this you would need: 70' long scale plus two 10' concrete approaches.. So you would have 90' of scale and approaches at @17" tall. So, there will be ramping required. I did not have a transit but I believe @50' total ramp would be close (30' on one end, 20' on the other). That brings you to a total length of @140' required. The vehicles need to be able to turn on and off the ramps.

The scale model is the same whether it goes in a pit or as an above ground. Your scale price will be the same whichever way you go. The big cost will be the mods to your existing pit or erecting a new above ground. A foundation estimate that I have seen recently for a new Variable Pier foundation with approaches and 50' ramping is @ $20-25k. We can do this as part of the new scale project or you could have a local contractor of your choosing do the work and we will provide all drawings and guidance.
To get an estimate on resurrecting the pit, we would need to get the scale out and allow the contractor to see the details.

Another item I noticed is that the operator is hand entering the weights into the computer....I get that because the scale is so unreliable and inaccurate, the operator has to adjust on the fly. If you get a new scale, that weight info should flow into the computer automatically so the operator does not need to enter the weights or try to keep track of the in and outbounds, You do have a traffic light so it would be easy to add a outside display so the customers can see their weights. This is something the state Weights & Measures departments are pushing for now, so if you do get a new scale, I suggest you add an outside display as well.

Thank You and let me know if you have any questions or need additional info. Let me know what you decide and I can work up the pricing.

Thank You,

Jim Garrity
Vehicle Scales Specialist
METTLER TOLEDO
518 392-9689
518 441-4764 cell
614 985-9688 fax
Jim.garrity@mt.com
www.mt.com

METTLER TOLEDO

From: Bernie Hussey <bhussey@ellsworthmaine.gov>
Sent: Tuesday, November 5, 2019 5:53 AM
To: Garrity Jim MTMO-US <Jim.Garrity@mt.com>
Cc: Lorfano David MTMO-US <David.Lorfano@mt.com>
Subject: Re: truck scale

Wen Willey will be there

Get Outlook for Android

On Mon, Nov 4, 2019 at 3:47 PM -0500, "Jim.Garrity@mt.com" <Jim.Garrity@mt.com> wrote:

Ok, thanks. Is there someone I should ask for if you are not around?

Jim Garrity
Vehicle Scales Specialist
METTLER TOLEDO
518 392-9689
518 441-4764 cell
614 985-9688 fax
Jim.garrity@mt.com
www.mt.com

EH Project Management

Project Title:
Replacement Scale Project

Confidential
11/19/2019

Vehicle Scale

Contract Proposal

METTLER TOLEDO

METTLER TOLEDO, North America
Address | 1900 Polaris Parkway, Columbus, OH 43240 4035
Phone | (614) 438-4511
Fax | (614) 438 4900
Internet | www.mt.com

November 19, 2019

City of Ellsworth ME
13 Industrial Rd
Ellsworth ME 04605
Attention: Bernie Hussey
bhussey@ellsworthmaine.gov

Subject: Vehicle Scale

Bernie

Thank you for your interest in Mettler Toledo products and services. The scale that I am recommending is a Steel Deck Model VTS100. If you prefer, this model also comes in a concrete deck version. I include the scale, all cabling and hardware, a full function display/controller ready to interface to your computer, installation labor, freight, crane, and setup/calibration/certification.

Because your existing deck is one module, its not going to be lifted out, usually we would break the deck up and put the pieces in a dumpster. I did not include that cost. Also once the scale is out the coping needs repair and the piers will have to be modified, that cost is not included. If you would like to handle that part or you have a contractor you would recommend, we should discuss. I can bring a contractor in to do this but it will be more $ than using local contractors

In addition to our complete product offering, we offer the services necessary to seamlessly integrate our products with your existing processes and quality systems, and to keep you in compliance with any regulatory requirements. Our locally based, centrally dispatched field service group possesses the training, expertise and assets necessary to properly install and commission your equipment, as well as maintain it throughout its life. With an appropriate service protection plan tailored to your specific needs, you can expect years of trouble-free performance from your Mettler Toledo products.

Mettler Toledo vehicle scales are **Designed, Tested, Built and Proven** to be the most dependable vehicle scales on the market. They will provide you with years of service and maximum up time while delivering the highest possible level of accuracy. You will find that this proposal delivers the lowest Total Cost of Ownership for your operation. Enclosed you will find valuable information that will give you a complete overview on the most advanced truck weighing technology in the world, Mettler Toledo's POWERCELL PDX.
If you have any questions or need additional information regarding this proposal, please contact me directly by phone or email. All of us at Mettler Toledo look forward to being of service to you.

Sincerely,

Jim Garrity
Vehicle Scales Sales New England
US Direct Channel
jim.garrity@mt.com
518 441-4764

I. Project Overview

1.01 Project Description

The City of Ellsworth ME is wanting to replace their existing Concrete Deck Truck Scale. To that goal, I am providing this proposal for a Model VTS100 in a 70' long x 10' wide build. We have discounted this scale significantly to help secure the bid.

1.02 Project Deliverables

To meet these requirements Mettler Toledo will provide a new Model VTS100 steel deck vehicle scales that uses the GDD network. Included are Manholes. As part of the system, we have included a scale instrument that has outputs to interface to your pc, as well as additional outputs for an optional Remote Display. In addition to providing the weighing platform(s) and operator terminal, Mettler Toledo's project management services will include freight, crane, the hardware installation, operator terminal configuration, start-up, calibration, and operator training as specified in our scope of work. Pricing of equipment is FOB Columbus, OH, which is based on an estimated inbound freight rate with crane rental charges for offloading & setting the scales in the foundations included. ***The jobsite address for this installation is Ellsworth ME.*** All equipment and services will be provided in accordance with the enclosed standard product specifications, Scope of Work, Attachments, Exhibits and Mettler Toledo's Standard Terms and Conditions of Sale referenced in the footer of this document.

Mettler Toledo's anticipated start date for construction will be coordinated around the City of Ellsworth overall project schedule and the delivery and installation of the scale. The first available time frame for delivery of the scale equipment is 3-4 weeks from date of order. Please note that these dates are estimates and not guaranteed, they are based on current workloads, production schedules & lead-times as well as a timely receipt of signed order.

By Others:
Scale Foundation repair.
Breakup/Removal/Disposal of existing scale
115 vac at scale house.
Any permits.

II. Weighing Device

2.01 Vehicle Scale System

(a) Qty. (1) Mettler Toledo Steel Deck Vehicle Scale, Model VTS100 70x10
- Overall dimensions: 70' (L) x 10' (W) x 17"(Profile)
- (3 ea.) 23'4'" X 11' modules
- POWERCELL GDD load cells - eight (8 ea.)
- Two Manholes
- Home run cable – ***197' ft***. dual sheath Stainless Steel braided
- Standard Base plates
- Five (5) /Ten (10) year guarantee (see attached

(b) Qty. (1) Mettler Toledo Operators Scale Terminal
- Model #IND570 Color display with Ethernet and two Serial Ports for Connectivity
- Tilt Swivel Bracket
- Drive software installed (in the case where your computer is not working, the display can do the In/Out transactions)

2.02 Installation and Crane Services for Vehicle Scale System

(a) Qty. (1) Mettler Toledo technical services, will include crane services and assistance with offloading, setting, leveling and anchoring the scale modules for two scales. Wiring and termination of scale network connections, system start-up, testing and calibration to HB44 standards.

2.03 Delivery Services for Vehicle Scale System

(a) Qty. (1) Mettler Toledo provided freight service for delivery of the scale to the jobsite location specified in the "Project Overview" section of this proposal. (In the event that the MT delivery truck is employed, the driver will assist the local team with offloading, setting, properly aligning and leveling the scale modules.

III. Construction Services

3.01 Civil Work

Optional

3.02 Civil and Site Requirements

(a) Performance

- Foundation will be constructed in accordance with drawings furnished by Mettler Toledo.
- Construction to begin as soon as practical after receipt of purchase order and layout of area or as agreed upon by Mettler Toledo and the Customer.
- This proposal is based upon the performance of job site work during regular Mettler Toledo working days and regular working hours. If overtime work is performed for any reason other than make-up for delays in progress due to fault on the part of Mettler Toledo, Customer agrees to reimburse Mettler Toledo the actual labor cost above the rate of regular time for such overtime.

(b) Access

- Traffic control and barricades by others
- This proposal is based upon free and unobstructed access to the site and with all electrical power and water necessary for use by METTLER TOLEDO in performing the work provided by METTLER TOLEDO at the site.
- If delays are experienced by METTLER TOLEDO in the course of the work, because of any lack or failure to perform Customer's obligation thereunder, or as a result of others at the site, whether or not they are under contract to Customer, or because of any fault or neglect on Customer's part, Customer agrees to pay METTLER TOLEDO for expenses incurred as a result of these delays.

(c) Concrete and Forms

- All necessary concrete and reinforcing for walls and footings, as well as concrete for deck and corrugated metal forms for deck, will be provided unless otherwise specified in this Proposal.
- All forms and miscellaneous lumber will be supplied by METTLER TOLEDO and will remain the property of METTLER TOLEDO.
- Price does not include, unless specified, any removal or replacement of existing asphalt or concrete.
- For pit applications, the drain method (gravity or sump pump) is the responsibility of others:
  - ✓ Laying of additional drain tile or connection to sewer, etc. is the responsibility of others.
  - ✓ Supply of sump pump, power and connections, unless otherwise specified, is the responsibility of others.

(d) Soil Conditions and Removal

- Removal of previous foundations, or rock formations and relocation of existing utilities will be considered extra work.
- Saw cutting and demolition of existing paving materials, pre-grading of site and final grading, and repair of paving courses will not be included unless otherwise noted and discussed.
- Price is based on firm soil conditions with a minimum soil bearing (see Project Scope of Work).
- If other conditions are encountered, an extra charge will be applied.
- The Customer must provide any testing to determine soil capacity.
- If additional fill, additional depth, pilings, or other soil preparations must be performed to obtain adequate soil bearing, it will be at the expense of others.

(e) Backfill

- This proposal is based upon the use, as backfill (if done by METTLER TOLEDO), of earth removed during excavation.
- If this earth is not suitable, or if the Customer for any reason requires other backfill, Customer will at his own expense, procure the necessary fill material and deliver it to the job site.
- The Customer will pay for any transportation of soil more than 50 yards from job site.
- Backfill to scale walls does not include any tamping or compacting of earth.
- As much backfilling as possible will be done by METTLER TOLEDO while at the job site.
- If settling occurs after crew has completed job, it will be the Customer's responsibility to provide additional backfilling.
- Customer will be responsible at his own risk and expense to provide shoring of any structures, roadways, railroad tracks, etc., which may be endangered by the excavation.
- METTLER TOLEDO assumes no responsibility for dangers occurring as a result of failure to adequately protect the same.

(f) Labor

- Price includes all necessary labor for construction of foundation and installation of scale, including traveling and expenses.
- Upon delivery of scale at job site, Customer shall suitably protect equipment and make it accessible for installation by METTLER TOLEDO at the risk and expense of the Customer.
- Price is based upon use of nonunion field labor. If use of union labor is necessary, Customer shall reimburse the extra cost to METTLER TOLEDO.

(g) Completion and Delays

- Any time estimate is not a guarantee of completion date and is subject to revision without liability to METTLER TOLEDO.
- If it becomes necessary in the judgment of METTLER TOLEDO to adjust this completion due to production or construction material shortages, or for the purpose of orderly reconciliation or conflicts in manufacturing, or job site work scheduling or for other reasons not herein stated, METTLER TOLEDO may do so without liability.
- It is also understood that METTLER TOLEDO shall not be responsible for any delay or default by reason or causes beyond the control of METTLER TOLEDO, including but not limited to acts of God, acts of public enemy, acts of federal, state, or local government in their various capacities, fires, floods, inclement weather, epidemics, quarantine restriction, strikes, lockouts, embargoes, car shortage, or delays of subcontractors or supplies due to such causes, or by reason of underground soil conditions or destruction.
- Additional costs due to delays caused by fault of others or outside of METTLER TOLEDO's original scope of work will be at cost plus 25%
- METTLER TOLEDO reserves the right to alter prices as a result of any of these conditions.

(h) Utilities

- Security provisions must be made for all switches, outlets and valves to prevent use by unauthorized personnel.
- It will be the Customer's responsibility to provide a "clean" regulated 120 VAC. +/- 10%, single phase, 60 Hz, at the point of instrument location and for all other associated system components requiring power. It shall be a separate line with no other load, no more than 3 ohms' resistance to true ground, and no more than 0.1 VAC. between ground and neutral.
- No conduit is included unless otherwise specified. However, a stub out nipple will be provided (if applicable) through the foundation for connection of the home run conduit.
- Underground locate is responsibilities of others. Mettler Toledo and our sub-contractor, CB Scale Construction, will be added to locate number.

(i) Permits, Insurance, and Taxes

- METTLER TOLEDO carries adequate property damage and Workman's Compensation Insurance to cover activities while working on Customer's premises.
- Customer shall be responsible for obtaining and paying for necessary building permits.
- Any bonds, city, state or federal taxes must be added to the quoted price.

(j) Pricing Revisions

- Price is subject to review and revision if requirements change before installation is completed.
- Travel & round trip mileage is included for one (1) mobilization and trip. Additional mobilization and trips at $2,500.00 per event.
- 15% Increase for any extra requirements or additional work encountered due to winter conditions
- Foundation and/or installation price is subject to review and revision if scale is to be located in or under an existing structure of any type.
- This quotation is effective for a period of thirty (30) days.
- METTLER TOLEDO reserves the right to review and revise this quotation in accordance with prices in effect at that time.
- Any expenses incurred, as a result of changing specifications or requirements, will be added to the quoted price.

IV. Project Scope of Work

4.01 Commercial Preparation

Description	Responsible party	Notes/Comments
Project management	MT Sales	
Permits, licenses, insurance and bonding	Owner	
Pre-pour site inspections and approvals	Owner	
Concrete testing	Owner	
Soil bearing pressure tests / reports	Owner	Minimum 2500 PSF
Soils work to establish minimum required bearing capacity	Owner	
Site layout drawings (if required)	Owner	
Standard foundation shop drawings	MT Sales	
State architectural stamped drawings (if required)	Owner	
Project schedule & coordination	MT Sales& Maine Woods	
Union labor	NA	

4.02 Foundation Construction

Description	Responsible party	Notes/Comments
Site earthwork / grading (if required)	Owner	option
Removal of buried obstructions (rock, foundations etc.)	Owner	
Locate scale & mark station points	Owner	assistance from MT
Provide elevation & establish benchmarks	Owner	
Locate underground utilities	Owner	
Saw or jackhammer existing surface course	Owner	If required
Handling & disposal of any contaminated soils	Owner	
Excavation (presumed to be level, dirt site)	Owner	
Build foundation per MT drawings	Owner	
Provide & place stone if required	Owner	
Provide & place rebar for foundation	Owner	
Provide & place foundation steel in-beds	Owner	
Provide & place foundation concrete	Owner	
Broom finish	Owner	
Concrete curing as appropriate to conditions	Owner	
Post and concrete foundation for mounting peripherals	Owner	option
Backfill with excavated earth, not compacted	Owner	
Removal and disposal of excess spoils	Owner	
Asphalt or concrete patching of disturbed areas	Owner	
Verify that all foundation dimensions are within tolerance	MT Sales	Prior to shipment

4.03 Weighing Device Installation

Description	Responsible party	Notes/Comments
Supply crane to unload and install scale	MT Sales	
Offload and locate scale modules on foundation base plates	MT Service	
Properly center on foundation and level with approaches	MT Service	
Locate, align, drill and anchor base plates	MT Service	
Install POWERCELL PDX or GDD load cells	MT Service	
Pull and terminate load cell network cables	MT Service	
Pull home-run scale signal cable	Sub by Owner	
Install, adjust and tighten checking	MT Service	
Install all gap and side covers	MT Service	
Install METTLER TOLEDO guide-rails as applicable	MT Service	
Terminate all signal wiring; indicator/printer/PC/scoreboard	MT Service	
Install lightning protection system and accessories	MT Service	
Commissioning, testing and calibration to HB44 standards	MT Service	

4.04 Weighing / Ticketing and Unattended System Installation

Description	Responsible party	Notes/Comments
Provide PC per METTLER TOLEDO minimum requirements	NA	
Provide mounting surface for unattended data terminals	NA	
Secure unattended data terminals to mounting surface	NA	
Test device to ensure proper connection to scale/Ethernet	NA	
Re-certification as necessary	NA	
Install all necessary weighing /ticketing & ancillary software	NA	
On-site training for staff	NA	
Provide, pull & terminate signal wiring to device(s)	NA	
System sign off for software and related hardware	NA	
	NA	

4.05 Utility Work

Description	Responsible party	Notes/Comments
Conduit run for scale signal cable	Owner	
Additional conduit runs for automated system interface	NA	option
All electrical power requirements, wiring and terminations	Owner	
Provide & install sump pump	NA	
Drain line to daylight or sleeve for pump outlet	NA	

4.06 Concrete Deck Requirements (Concrete Deck Versions Only)

Description	Responsible party	Notes/Comments
If required, shore modules prior to concrete being poured	NA	
Fill modules with 4000 PSI fiber reinforced concrete per METTLER TOLEDO factory specifications	NA	
Confirm test cylinders are poured and properly stored on site	NA	
Concrete curing appropriate to weather / conditions	NA	
Conduct cylinder tests	NA	

V. Project Pricing

5.01 Pricing Schedule

			I Project Overview	Included
2	2.01	4-6 wks	II.2.01 Vehicle Scale System VTS100	$46,232.00
1	2.02	4-6 wks	Freight & Crane	$5,500.00
2	2.03	4-6 wks	Install & Calibration	$4,000.00
			IV Project Scope of Work	Included
			Project Total	**$55,732.00**

5.02 Available Options

Quantity	Description	Price	Approved
1	Remote (Outdoor) Display w/ wireless communication..	$1,725.00	
1	Foundation Construction/Removal/Repair	TBD	
1	Two additional inspections starting 6 months after initial install	$1,626.00	Initial approval

VI. Acceptance

This Proposal/Agreement, together with any Attachments, Exhibits and external references, which are incorporated herein by this reference, constitutes the entire agreement between the parties and supersedes all prior oral or written negotiations and agreements between the parties with respect to the subject matter hereof. If you are in agreement with this Proposal/Agreement, please acknowledge your agreement by signing below.

A minimum down payment equivalent to 25% of the project value may be required with order placement. Remainder at Net 30

City of Ellsworth
13 Industrial Rd
Ellsworth ME 04605

PO#____________________

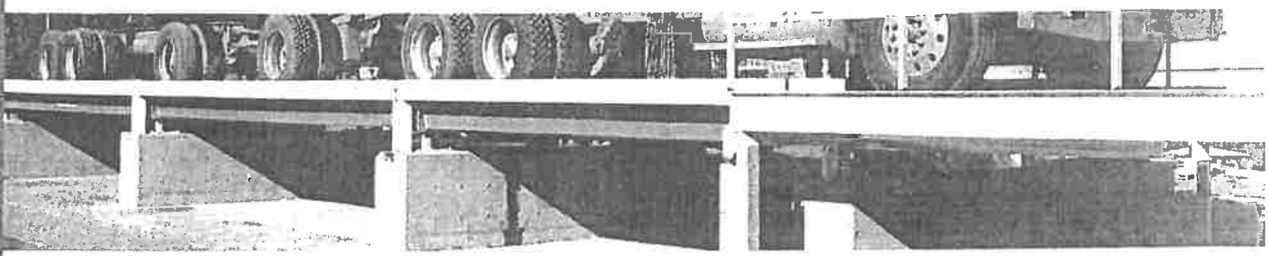
Authorized Representative: ______________________________

Signature: ______________________________

Title: ______________________ Date: ______________

100 Series with POWERCELL® GDD®

IND570 Terminal for Process Weighing



Engineered from Experience, Built-for-Life

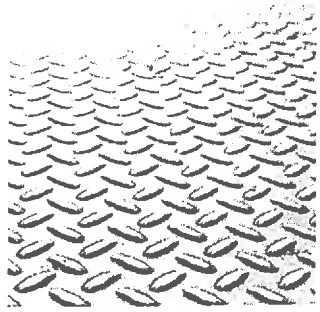
METTLER TOLEDO's global presence and over 50 years of truck scale manufacturing experience has earned our customer's trust as the leader in weighbridge and load cell technology. Our scales and systems deliver the best value over the life of your investment.

The Right Truck Scale for Your Money

Choose from the largest selection of scales to fit your budget and business requirements.

Fast, Flexible Service for Increased Uptime

Protect your investment with Preventative Maintenance matched to your vehicle scale's environment, application, traffic volume and weighing process.



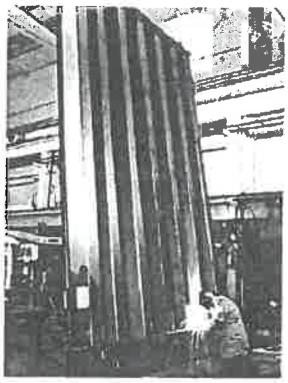
Engineered and Tested for Heavy Workloads

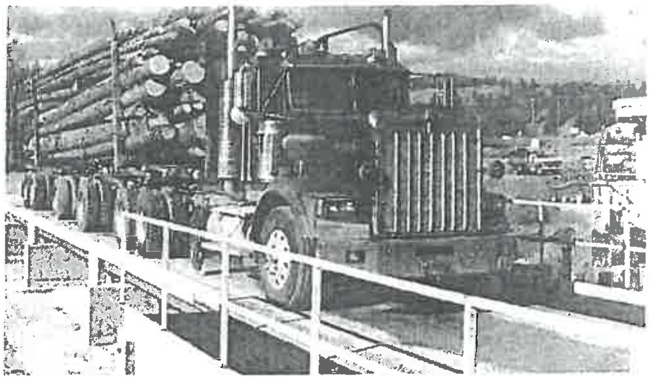
50 years of industry experience in truck weighing built into every scale system.

www.mt.com/vehicle

METTLER TOLEDO

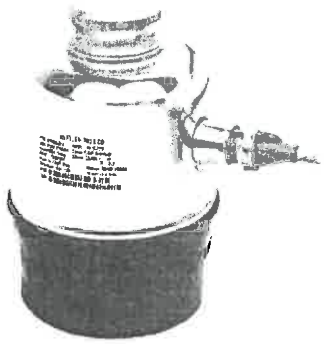
VTC100/VTS100/VTC191 Series Truck Scales





Benefits of Package

- POWERCELL® GDD® digital technology, at analog scale prices
- Certified technicians trained to quickly and thoroughly fix any problems
- Comprehensive warranty coverage to protect your investment
- Flexible connectivity across every phase of your weighing operation



POWERCELL® GDD®
Advanced Digital Load Cell Technology

Systems to Fit Any Operation

Designed to fit your business, METTLER TOLEDO offers 100 series truck scales to fit your longest anticipated truck lengths and peak traffic flow. A single scale can easily handle 50,000 trucks per year or an average of 200 trucks per day.

System Elements

Weighbridge: Concrete Deck Model VTC100, VTC191, or Steel Deck Model VTS100
Load Cell System: POWERCELL® GDD®
Terminal: IND570 Process Weighing Terminal
Software: DataBridge™ MS Scale Management Software
Peripherals: Data: Ethernet TCP/IP, Process: Fieldbus Communication

IND570 Weighing Terminal

Recommended Services

5 Year Warranty
Preventative Maintenance: Maintain your warranty and protect your total asset with two PM visits per year
POWERCELL Repair Coverage Full: Under a 5 Year warranty, 100% of spare parts, labor, and travel are covered
Calibration Vehicle Standard: Eliminate waste or overfill with comprehensive testing and documentation within Weights and Measures requirements

METTLER TOLEDO Service

www.mt.com/vehicle
For more information

METTLER TOLEDO
USA
1900 Polaris Parkway
Columbus, Ohio 43240
Tel. (800) METTLER
Fax (614) 438-4525

Canada
2915 Argentia Road, Unit 6
Mississauga, Ontario L5N 8G6
Tel. (800) METTLER
F... (800) 786-0042

Warranty Coverage Details

10/5 YEAR WARRANTY

The Industry's Most Powerful Warranty

POWERCELL® PDX® Truck & Railroad Scales

Included Models: VTC101, VTS101, VTC191, 7360, 7560, 7563, 7531, 7541

This warranty applies to the METTLER TOLEDO truck and railroad scales above equipped with POWERCELL® PDX® load cells. METTLER TOLEDO warrants that the equipment listed above will be free from failure resulting from defects in workmanship and materials for a period of ten (10) years from date of installation, or one hundred and twenty-two (122) months from date of shipment to the Buyer, whichever occurs first. This includes the full coverage provided by our StrikeShield™ Lightning Protection.

1) The Warranty includes POWERCELL PDX load cell system and load cell cables for 10 years.
2) The Warranty includes scale weighbridge for the first 5 years. Weighbridge mechanical wear parts, load cell receivers, and checking systems including bumpers, check rods, and pins must be serviced to the scale manual recommendations. Any METTLER TOLEDO digital terminals that are supplied with and are connected to the vehicle scale are only covered in years 6 -10 solely for failure due to a lightning strike (power surge).
3) Should any such defect occur within the warranty period, the Warranty shall cover, at METTLER TOLEDO's option: (i) 100% coverage of repair parts, labor and travel time, and mileage from the closest authorized service location during METTLER TOLEDO normal work periods, or (ii) replacement of the product. Recalibration of the vehicle scale, if required, after warranty repairs are made is included. Recalibration of the rail sale is included when necessary, after warranty repairs are made, but recertification of the scale is not included.
4) Lightning strikes are covered for all the above Models for the 10 year term of this Warranty under our StrikeShield Lightning Protection. Should any lightning damage occur to METTLER TOLEDO supplied electronic scale parts and terminals during the Warranty period, METTLER TOLEDO will furnish necessary replacement parts, labor and travel time, and mileage from the closest service location. Recalibration of the scale, when necessary, after warranty repairs are made, is included. Ground wiring must be completed to installation specifications in order for the Warranty to be valid.
5) Printers, Scoreboards, non-METTLER TOLEDO Indicators, or any other peripheral equipment, as well as any damages done to METTLER TOLEDO equipment as a result of these peripherals, are not covered by this Warranty. Terminal damage as a result of the serial COM port failure due to a peripheral will not be covered. Warranty terms for Printers, Scoreboards, and other peripheral Equipment are covered under terms and conditions of sale for such Equipment.
6) The protections of the Warranty shall apply provided that the equipment is installed to METTLER TOLEDO specifications by an authorized METTLER TOLEDO technician and Buyer maintains a service agreement with an authorized METTLER TOLEDO Service Representative for semi-annual preventive maintenance/inspection services during the term of the Warranty.
7) Work provided under the foregoing warranties during other than normal METTLER TOLEDO work periods is subject to charges for premium time.

FURTHER, METTLER TOLEDO EXPRESSLY WARRANTS THE PRODUCTS COVERED HEREIN SOLELY AS SET FORTH ABOVE. METTLER TOLEDO DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED (INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). IN NO EVENT WILL METTLER TOLEDO BE LIABLE FOR ANY TYPE OF SPECIAL, CONSEQUENTIAL, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES, WHETHER SUCH DAMAGES ARISE OUT OF OR ARE A RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.

PLEASE CONSULT THE TERMS AND CONDITIONS OF YOUR METTLER TOLEDO SALES ORDER FOR COMPLETE WARRANTY COVERAGE DETAILS. WARRANTY REGISTRATION PAPERWORK WILL BE REQUIRED FOR PRODUCT VALIDATION AND TECHNICAL SUPPORT.

METTLER TOLEDO

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Fork Lift

LOCATION: Transfer Station/Recycle Center

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace current Forklift with similar size equipment – 5000lb lifting capabilities , 15 ft lift bar height (standard size /more readably available item)

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Current Forklift was purchased used. It has had various leaks and issues the last few years and is nearing the end of its useful life.

FORM OF ACQUISITION ***(check appropriate)*****:**

__X__ Purchase ________ Lease

TOTAL ESTIMATED COST:
$26,000

NUMBER OF UNITS REQUESTED:
1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Forklift			$5000 +/-	Multiple	$3500 +/-

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__X__ Trade-In ________ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Vertical Compactor

LOCATION: Transfer Station/Recycle Center

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace Vertical Compactor in recycling center – used for baling plastics

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Balers are original to recycling center and getting worn out

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$12,500

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Vertical baler		30 yrs			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________   __________ Trade-In   ____x____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Vertical Compactor # 2

LOCATION: Transfer Station/Recycle Center

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace Vertical Compactor in recycling center – used for baling plastics (second of two vertical balers)

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Balers are original to recycling center and getting worn out

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase _________ Lease

TOTAL ESTIMATED COST:
$12,500

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☒ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☒ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Vertical baler		30 yrs			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

________ Trade-In ____x____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Public Works

CONTACT PERSON: Lisa Sekulich / Bernie Hussey

PROJECT TITLE: Mini Excavator

LOCATION: Transfer Station/Recycle Center

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace current Bobcat mini excavator E50 with similar size equipment

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Mini Excavator is used in baling recyclables and will need replacement

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$65,000

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation

PURPOSE OF EXPENDITURE *(check appropriate)*:

- [x] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2011 Bobcat E50 Excavator	Bobcat	12	$3800	Multiple	

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

____X____ Trade-In   _________ Sale

City ' 'sworth
5 Year Capit. .nprovement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Fire Equipment (Section 9)						
Confined Spaces Equipment	15,000					15,000
Ambulance	275,000					275,000
5" Hose Replacement	52,000					52,000
Heating/Air Conditioning Unit	15,000					15,000
Apparatus Tanker #4	450,000					450,000
Fire Sub-stations (work in progress) 2 @ $4MM					8,000,000	8,000,000
Total Fire Equipment	**807,000**	**0**	**0**	**0**	**8,000,000**	**8,807,000**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Fire Department **CONTACT PERSON:** Chief Richard Tupper

PROJECT TITLE: Confined Space Equipment

LOCATION: Ellsworth Fire Station

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

This request would be for Equipment needed for the City's Confined Space Team

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The City has recognized the need to form a confined space entry/rescue team for the main purpose of dealing with known confined spaces owned and operated by the City. Additionally, the fire department has been called upon to respond to emergencies requiring confined space rescue. Understand, there is no intention to provide "Stand-By" assistance to other private companies to perform confined space entry. There is a benefit to working with known entities, such as Jackson Lab, who has numerous confined spaces within and around their facility, for the purposes of training and awareness of their spaces.

We have known for several years this is a function of the City that has needed to be addressed however, for various reasons has been put on the back burner. We need to move forward, close this void and be prepared when the need arises. Without the necessary equipment and personnel this necessary task will not move forward.

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:

$15,000

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Options could be:

General Tax Revenue

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ■ Expanded Service
- ☐ New Operation
- ■ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Cost	Prior Year's Breakdowns	Prior Year's Rental Costs

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Fire Department **CONTACT PERSON:** Chief Richard Tupper

PROJECT TITLE: Ambulance

LOCATION: Ellsworth Fire Station

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:
Purchase an ambulance and required equipment for the fire department to be dedicated to the City of Ellsworth.

The staff of the fire department are either licensed as emergency medical technicians (EMT's) or are currently in the process of finishing training and certification as EMT's. The City saw the need to have proper EMS coverage in the City of Ellsworth and entered into an agreement with Northern Light Medical Transport to house two ambulances in the Ellsworth fire station. With this being a significant benefit to the City, these two ambulances are also covering a very large area outside the borders of Ellsworth, leaving the citizens of Ellsworth with a delay in response time. NLMT tries to stage an ambulance from Bangor at the Dedham/Lucerne fire station or send it to the Ellsworth station when their ambulances are busy, but many times there is still a significant delay in response. With our staff trained and licensed the time is now to have an ambulance of our own dedicated to the City of Ellsworth.

FORM OF ACQUISITION ***(check appropriate)***:

___X____ Purchase ________ Lease

TOTAL ESTIMATED COST:
$275,000.00

NUMBER OF UNITS REQUESTED: 1

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Options could be: General Obligation Bonds

PURPOSE OF EXPENDITURE ***(check appropriate)***:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ■ Expanded Service
- ■ New Operation
- ■ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________ Place in Reserve -In __________ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Fire Department **CONTACT PERSON:** Chief Richard Tupper

PROJECT TITLE: 5"- Large Diameter Supply Hose

LOCATION: Ellsworth Fire Station each apparatus

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace existing 4" Supply hose with 5" Supply Hose on each of the fire apparatus

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Friction Loss is a term used to describe the loss of pressure caused by the viscosity of a fluid as it flows through a pipe or hose. The larger the diameter of the pipe or hose, the less friction loss is accrued. Less friction loss means more water can be moved at lower pressures.

With our current 4 inch hose, a hydrant flowing 500 gallons per minute (GPM) that has residual pressure of 40 psi will move that water 800 feet before the friction loss overpowers the hydrant. That same hydrant flowing the same amount of water through 5 inch hose can move it 2,000 feet before friction loss is too great. For us to move water through 2,000 feet of our 4 inch hose we would have to dedicate a fire engine and an operator at the hydrant to boost the pressure to 100psi.

The decreased friction loss also allows us to flow up to 40% more water, decreasing the probability of supply issues. The lower pressures that 5 inch hose would allow, will also increase the longevity of the hose, engine, and pump. We have several places within the City where we have to lay a long distance of large diameter supply hose, Maddocks Avenue extension is a good example.

The advanced design and materials used to make the hose proposed, is lighter than the supply hose we have now. A 100" length of this 5" hose is lighter than a 100' length of the 4" we currently use. Lighter weight means it is easier to maneuver on the incident scene to get it out of the way when laid down a driveway and is also less fatigue on the firefighter. Our current 4" supply hose has varying age with most of it being 8-19 years old.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

FORM OF ACQUISITION ***(check appropriate)***:

___X___ Purchase　　________ Lease

TOTAL ESTIMATED COST:

$52,000

NUMBER OF UNITS REQUESTED:
60- 100' lengths

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Options could be:

General Tax Revenue

PURPOSE OF EXPENDITURE ***(check appropriate)***:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ■ Expanded Service
- ☐ New Operation
- ■ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
6000'- 4" Supply hose	Various	Various			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_____ ______ Place in Reserve Status　　_____ ______Trade-In　　_____ X ______Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

EPARTMENT: Fire Department

CONTACT PERSON: Chief Richard Tupper

PROJECT TITLE: Heat Pump for Officers Quaters

LOCATION: Ellsworth Fire Station

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace existing 22 year old Heating / Air Conditioning unit with New Heat Pump in the officers quarters.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The exhisting heating /airconditioning unit in the officers quarters has not been functioning correctly for nearly two years now. The officers quarters is a unique room located directly under the the main entrance of city hall facing Main Street. Due to the entryway and steps, the officers quarters has a much lower concrete ceiling than the rest of the quarters in the fire department. For this reason the heating /air conditioning unit is different than the rest of the units in the fire department. Some of the issues with this unit were simple maintenance items that have been corrected however the unit still does not function properly. In the summer time it struggles at best to ool the room to a comfortable tempature and does little to none for removing the humidity in this room. I humidifier has been tried to take care of the humidity with very little difference. The space in the officers quarters doesn't offer excess room for a large comericial dehumidifier. The winter months are challenging as well when it struggles to heat the room adequately.

The Maintenance Director has acquired one estimate to install a heat pump system with the condensor on the flat roof above the IT office and running the linesets down to the officers quarters with the heat / ac unit mounted on the wall.

Our staff live here at the fire station. Their duty shifts require them to spend 24 hour shifts here away from their home and family. Comfort is a big deal here just as much as in ones home. Having our staff comfortable is a big boost for moral as well as being rested and ready for duty.

FORM OF ACQUISITION *(check appropriate)*:

TOTAL ESTIMATED COST:

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

____X____ Purchase _________ Lease	**$15,000.00**
NUMBER OF UNITS REQUESTED: 1	**PROPOSED FINANCING:** *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*
PURPOSE OF EXPENDITURE ***(check appropriate)*:** ☐ Scheduled Replacement ☐ Present Equipment Obsolete ■ Replace worn-out Equipment ☐ Expanded Service ☐ New Operation ☐ Increase Safety ☐ Improve Procedures, records, etc.	Options could be: General Tax Revenue

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Heat / AC unit		22	Steve	Steve	

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_____ ______ Place in Reserve Status	_____ ______Trade-In	_____ ______Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Fire Department

CONTACT PERSON: Chief Richard Tupper

PROJECT TITLE: Replacement Apparatus Tanker 4 (Updated 12-27-19)

LOCATION: Ellsworth Fire Station

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:
Tanker 4 was purchased in 1998. The primary purpose of this apparatus is to shuttle water from a water source to an incident scene for the extinguishment of fire. A pump is necessary on this apparatus to be able to draft water from a water source to fill the tank on the truck. The pump also, in many occasions, is used to pump the water to another apparatus on scene. Another tactic is to deploy the dump tank at the scene and dump the tank water into the dump tank. By virtue of having the pump on the apparatus this unit can also be utilized as an attack engine.

The rotation of replacing apparatus was set at 20 years life span which meets the standard of NFPA. Although the current Tanker 4 is 22 years old and due to be replaced, it is still in good enough condition to sell to a smaller department that may not have the finances to purchase a new apparatus but it will be required to be refurbished.

Included in this purchase would be some loose equipment to include: 4" supply hose, 1-3/4" and 2-1/2" attack hose, dump tank, generator and scene lights, portable pump.

FORM OF ACQUISITION ***(check appropriate)*****:**

___X___ Purchase ________ Lease

TOTAL ESTIMATED COST:
$450,000.00

NUMBER OF UNITS REQUESTED: 1

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Options could be: General Obligation Bonds

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Tanker/Pumper 1250gal Tank ?50 GPM pump	1998 International/Metal Fab	22			

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY ~~2021~~ 2025

DEPARTMENT: City Of Ellsworth

CONTACT PERSON: Chief Richard Tupper

PROJECT TITLE: Fire Sub-Stations

LOCATION: Bucksport Road near the North Bend Road and Bangor Road at the top of Magowan's Hill

DESCRIPTION OF PROPOSED PROJECT:

Construct Sub-Stations to accommodate Fire and Ambulance services on the Bucksport Road and Bangor Road approximately half way between the existing fire station and the town line. These sub stations should be designed to accommodate a rescue/pumper, tanker and ambulance at a minimum. Accommodations for staff to work 24 hour shifts including bunk rooms, kitchen/dining and day room will be needed.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Placing sub-stations at these locations would provide fire protection within a five mile travel distance to approximately ninety percent of all properties in Ellsworth. This protection, within the five mile travel distance would provide the property owners a significant annual savings on their home owner's insurance premiums. This savings would help to offset the cost to tax payers for the cost of constructing the sub stations. As the City continues to grow at an enormous pace the city services will also need to grow. Increasing personnel to staff the sub stations will provide additional personnel on duty to respond when necessary to larger incidents in the urban area providing a benefit to those within the five mile travel distance of the existing station.

Since 1987, according to an article in the Ellsworth American, Ellsworth has been researching the need for a new central fire station. Throughout the years many different proposals have been explored. In 1998 major renovations were completed on City Hall which provided much better accommodations for the fire department as well as each of the other departments housed at City Hall. The City Council acknowledged at that time that these renovations were a stop gap measure and we would need to continue the research to build a new central fire station. Prior to Seaport Village acquiring and building their facility on the grounds of the former Bryant E. Moore school, the City was in the advanced planning stages with conceptual plans already completed and ready to take the next step in going to the public at referendum.

In January of 2015 a committee was reformed which included: City Manager Michelle Beal, City Counselor Stephen Beathem, Fire Chief Richard Tupper, Chief of Police Chris Coleman, Kevin DePrenger, and Harold Page. This committee, with a few different faces, began once again to explore the need for the City to house our emergency services. This time the research included looking at the needs of Fire, Police, Emergency Medical, and Dispatching Services. It was determined that although there were still several viable options, combining all of these services might prove to be the most beneficial to the City. One building could share the critical infrastructure needs of this nature.

From early in these discussions we identified that a public safety building was certainly a unique building due to the fact it is critical infrastructure for emergency services. For this reason a building of this nature is built to a much higher standard which results in a higher cost of construction. However we need to remember this building will most likely stand for at least 100 years.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

The cost estimate to construct a public safety building of nearly 18 million, was believed to be more than the tax payers of Ellsworth would support. From the perspective of the fire department, sub-stations would be much better at fulfilling the need for fire protection to the city.

FORM OF ACQUISITION *(check appropriate)*:

____X____ Purchase _________ Lease

TOTAL ESTIMATED COST:
$4,000,000 each sub-station

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Options could be:

General Obligation Bond

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ■ Expanded Service
- ☐ New Operation
- ■ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_____ ______ Place in Reserve Status _____ ______Trade-In _____ ______Sale

City of ELLSWORTH
Business, Leisure, Life.

From the Desk of Chief Richard Tupper
1 City Hall Plaza ♦ Ellsworth, ME 04605-1942
Phone (207) 667-8666 ♦ Fax (207) 667-4902
www.ellsworthmaine.gov

MEMO

To: DCM Tammy Mote
Cc:
From: Chief Richard Tupper
Date: 12-27-19
RE: Capital Equipment / Programs priority list

Listed below are the Capital Equipment / Programs in priority list the Ellsworth Fire Department would request to be considered for the overall Capital Plan for the City.

1) Rescue #5 FY2020
2) Communication Infrastructure FY2020
3) Tanker #4
4) 5" large Diameter Hose
5) Fire Sub-Stations
6) Ambulance
7) Confined Space Equipment

5 Year Capital Improvement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Police Equipment (Section 10)						
Police Equipment/Watch Guard Cameras	12,440					12,440
Cruiser	107,800	157,200	116,500	149,970	140,687	672,157
Radar Unit Replacement	12,048					12,048
Body Cameras	30,882					30,882
Total Police Equipment	**163,170**	**157,200**	**116,500**	**149,970**	**140,687**	**727,527**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Camera Replacement

LOCATION: Police Department

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace two (2) 2014 Watch Guard 4RE cruiser camera and audio systems.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

We currently have eight (8) Watch Guard 4RE cameras in use. We purchased 4 in 2014, 2 in 2015, 1 in 2016 and 1 in 2017. In FY 20 we replaced two of the units purchased in 2014. Currently only three of the eight systems are under warranty until (1) 2021 and (2) 2025. We have been using cruiser video equipment in this agency since the late 1990's. It has proven to be useful in prosecuting criminal cases and exonerating officers involved in personal complaints. Ultimately, these systems reduce city liability and lawsuits the police department has the potential to be involved in. I recommend we replace two additional systems in FY21. The price is with state bidding assistance, which has a discounted price and covers warranty for years one, two and three. We have added in the warranty for year four. .

FORM OF ACQUISITION *(check appropriate)*:

__x__ Purchase ______ Lease

TOTAL ESTIMATED COST: $12,440.00

$6,220 each

NUMBER OF UNITS REQUESTED:

2

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☒ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Watch Guard 4RE Camera		2/2014			
Watch Guard 4RE Camera		2/2014			

10-2

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(

X EFD Possible Use by other agencies ______ Trade-

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION:

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $35,000 (pricing may change once 2021 factory bid assistance comes)	$70,000
Trade In Preparation (decal removal) and New Car lettering: $600.00 / car =	$1,200
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
*Equipment for New Cruiser and installation cost: $8,000 / car =	$16,000
Laptops and docking stations: $5000 / car =	$10,000
Total Equipment for 2 cruisers	$27,800
1 late model program car.	$20,000
Total	$117,800

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of two Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruiser 20 (maintenance cost for FY19 to present $3,530.50 or .351 per mile) will have approximately 100,000 miles on it. We have kept the mileage around 100,000 so that the trade value will increase significantly. The supervisor cruiser (maintenance cost for FY19 to present $3,680.68 or .429 per mile) will have approximately 100,000 miles on it as well. These two vehicles have the highest millage in the fleet and need to be replace to avoid the high cost of repair work and to maximize the trade-in value.

With the purchase of four front line cruisers in FY17 and two front line cruisers in FY19 and FY20 we were able to assign the cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

In FY 2018, the council approved the purchase of a late model used vehicle for the investigative unit to use as well as officer use for travel for training. Our detectives division is currently staffed with two detectives who are very busy investigating sex crimes, drugs and property crimes. The need has arisen for a second none-police vehicle to ensure that our detectives have transportation to enable them to perform their

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

respective job duties. Like the current detectives vehicle this vehicle would be utilized by a detective as well as Officers for out of town training and underage drinking enforcement.

FORM OF ACQUISITION ***(check appropriate)*****:** ___XX____ Purchase _________ Lease	**TOTAL ESTIMATED COST: $117,800.00** Encumbered (10,000) * $107,800
NUMBER OF UNITS REQUESTED:	**PROPOSED FINANCING:** ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.***
PURPOSE OF EXPENDITURE ***(check appropriate)*****:** ■ Scheduled Replacement ☐ Present Equipment Obsolete ■ Replace worn-out Equipment ☐ Expanded Service ☐ New Operation ☐ Increase Safety ■ Improve Procedures, records, etc.	***General Tax Revenue for cruisers*** * ***10K general tax revenue and 10k FY20 encumbered funds for the detective vehicle.***

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Cruiser (online 11/2016)	Ford SUV Interceptor	2017	$ 3,530.50		
Cruiser (online 12/2015)	Ford SUV Interceptor	2016	$ 3,680.68		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

___________Possible Use by other agencies	___XX_______Trade-In	___________Sale

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CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Radar Replacement

LOCATION: Police Department

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace two (4) 10+plus year old cruiser Radar units.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

We currently have four (4) Genesis Radar units in use. These Radars were purchased in 2009 and have begun to break down. We currently need to replace two of the four remotes which control the units and anticipate having to replace the other two soon if the entire units are not replaced. The cost of each replacement remote is currently $280. It is unclear going forward if we will be able to purchase these remotes if needed indefinitely. It should be noted that we have replaced some of these remotes in the past. When the Radar units are not operable this impedes our officers ability to enforce speed limits violations, which directly impacts the safety of our traveling public. The price per unit is $3012.00 which is with state bidding assistance, which has a discounted price.

FORM OF ACQUISITION ***(check appropriate)*:**

____x___ Purchase _________ Lease

TOTAL ESTIMATED COST: $12,048.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue

PURPOSE OF EXPENDITURE ***(check appropriate)*:**

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☒ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
4 Genesis Radars		2009			

RECOMMEND **ENT ITEMS(S):**

______ Trade-In ____x____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police

CONTACT PERSON: Chief Moshier

PROJECT TITLE: Body Cameras

LOCATION: Police Department

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase 8 Watch Guard Vista HD body worn cameras and 8 additional batteries.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

We have been using cruiser video equipment in this agency since the late 1990's. It has proven to be useful in prosecuting criminal cases and exonerating officers involved in personal complaints. Ultimately, these systems reduce city liability and lawsuits the police department has the potential to be involved in. I would like to enhance this protection by purchasing body worn cameras which will ensure when our officers are away from their cruisers we continue to be able to obtain video and audio of their interaction with the public. This purchase price includes 8 cameras plus and additional 8 batteries. These cameras have a continuous run time battery life of up to 9 hours. Our officers currently work a 10 hour shift so I feel it is imperative that we purchase the additional batteries to ensure we have continuous coverage. In addition to the cameras and extra batteries this purchase includes the docking/charging station for the cameras, licensing and an additional 3 year warranty which brings the total warranty coverage to 4 years. There is an additional cost of approximately $12K for the storage of the video data collected. According to IT this cost may change depending on which storage type the decide to utilize either our own server or the "cloud".

FORM OF ACQUISITION ***(check appropriate)*:**

__x__ Purchase ______ Lease

TOTAL ESTIMATED COST: $30,882.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue

PURPOSE OF EXPENDITURE ***(check appropriate)*:**

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☐ Expanded Service
- ■ New Operation
- ■ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Maint. Cost (Prior Year's)	Breakdowns (Prior Year's)	Rental Costs (Prior Year's)

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION: ____________________

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

3 SUVs @ $38,500 (pricing is based on an estimated 10% increase)	$115,500
Trade In Preparation (decal removal) and New Car lettering: $600.00 / car=	$1,800
Striping Equipment out of Cruiser to be traded in: $300/ car =	$900
*Equipment for New Cruiser and installation cost: $8,000 / car =	$24,000
Laptops and docking stations: $5000 / car =	$15,000
Total Equipment for 3 cruisers	$41,700
Total	$157,200

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of three Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 22, 23 and 19 will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These three vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

FORM OF ACQUISITION ***(check appropriate)*****:**

___XX____ Purchase _________ Lease

TOTAL ESTIMATED COST: $157,200.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue for cruisers

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Cruiser (online 11/2016) #22	Ford SUV Interceptor	2017			
Cruiser (online 08/2017) #23	Ford SUV Interceptor	2017			
Cruiser (online 11/2016) #19	Ford SUV Interceptor	2017			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

____________Possible Use by other agencies ____XX_______Trade-In ____________Sale

d

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION:

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $42,350 (pricing is based on an estimated 10% increase)	$84,700
Trade In Preparation (decal removal) and New Car lettering: $600.00 / car=	$1,200
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
*Equipment for New Cruiser and installation cost: $9,000 / car =	$18,000
Laptops and docking stations: $6000 / car =	$12,000
Total Equipment for 2 cruisers	$31,800
Total	$116,500

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of one Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 24 will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These three vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

In anticipation of continued growth in our City I am estimating that in FY23 we will be adding at a minimum an additional patrol officer to keep pace with the growth in our community. As our officer numbers increase so does the need for additional vehicles for those officers to use. As a result in FY23 will be requesting the purchase of one additional cruiser bringing the total number of cars in our fleet to 11.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

FORM OF ACQUISITION *(check appropriate)*:

___XX____ Purchase ________ Lease

TOTAL ESTIMATED COST: $116,500.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue for cruisers

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Cruiser (online 08/2017) #24	Ford SUV Interceptor	2017			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by other agencies ____XX______Trade-In __________Sale

d

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION:

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $46,585 (pricing is based on an estimated 10% increase)	$93,170
Trade In Preparation (decal removal) and New Car lettering: $600.00/car =	$1,200
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
*Equipment for New Cruiser and installation cost: $9,000 / car =	$18,000
Laptops and docking stations: $6000 / car =	$12,000
Total Equipment for 2 cruisers	$31,800
1 late model program car.	$25,000
Total	$149,970

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of two Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 17 and the K9 car will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These two vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

The Ellsworth Police Department will also need to replace the 2017 GMC SUV which is used by the detectives as well as patrol officers who are traveling for training. The vehicle will have in access of 100K miles and will need to be replaced in order to avoid the high cost of repair work and ensure that our employee's have the safest vehicles possible to do their jobs.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

FORM OF ACQUISITION ***(check appropriate)***:

___XX____ Purchase   _________ Lease

TOTAL ESTIMATED COST: $159,970.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue for cruisers

PURPOSE OF EXPENDITURE ***(check appropriate)***:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Cruiser (online 08/2018) #17	Ford SUV Interceptor	2018			
Cruiser (online 08/2018) K9	Ford SUV Interceptor	2018			
Det. (online 10/2017)	GMC SUV	2017			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

___________ Possible Use by other agencies   ____XX_______Trade-In   ___________Sale

d

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2025

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION:

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $51,243 (pricing is based on an estimated 10% increase)	$102,487
Trade In Preparation (decal removal) and New Car lettering: $800.00 / car=	$1,600
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
Equipment for New Cruiser and installation cost: $10,000 / car =	$20,000
Laptops and docking stations: $8000 / car =	$16,000
Total Equipment for 2 cruisers	$38,200
Total	$140,687

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of two Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 18 and 21 will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These two vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

FORM OF ACQUISITION *(check appropriate)*: **TOTAL ESTIMATED COST: $140,687.00**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2025

__XX____ Purchase __________ Lease

NUMBER OF UNITS REQUESTED:

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue for cruisers

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Cruiser (online 04/2020) #18	Ford SUV Interceptor	2020			
Cruiser (online 04/2020) #21	Ford SUV Interceptor	2020			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by other agencies	____XX_______Trade-In	___________Sale

d

City [illegible]sworth
5 Year Capit[illegible]provement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Police Equipment (Section 10)						
Police Equipment/Watch Guard Cameras	12,440					12,440
Cruiser	107,800	157,200	116,500	149,970	140,687	672,157
Radar Unit Replacement	12,048					12,048
Body Cameras	30,882					30,882
Total Police Equipment	**163,170**	**157,200**	**116,500**	**149,970**	**140,687**	**727,527**

Feb 11
Feb 25

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Camera Replacement

LOCATION: Police Department

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace two (2) 2014 Watch Guard 4RE cruiser camera and audio systems.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

We currently have eight (8) Watch Guard 4RE cameras in use. We purchased 4 in 2014, 2 in 2015, 1 in 2016 and 1 in 2017. In FY 20 we replaced two of the units purchased in 2014. Currently only three of the eight systems are under warranty until (1) 2021 and (2) 2025. We have been using cruiser video equipment in this agency since the late 1990's. It has proven to be useful in prosecuting criminal cases and exonerating officers involved in personal complaints. Ultimately, these systems reduce city liability and lawsuits the police department has the potential to be involved in. I recommend we replace two additional systems in FY21. The price is with state bidding assistance, which has a discounted price and covers warranty for years one, two and three. We have added in the warranty for year four. .

FORM OF ACQUISITION ***(check appropriate)*****:**

__x__ Purchase ________ Lease

TOTAL ESTIMATED COST: $12,440.00

$6,220 each

NUMBER OF UNITS REQUESTED:

2

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☒ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Watch Guard 4RE Camera		2/2014			
Watch Guard 4RE Camera		2/2014			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(

___X EFD Possible Use by other agencies ________ Trade-I

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION:

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $35,000 (pricing may change once 2021 factory bid assistance comes)	$70,000
Trade In Preparation (decal removal) and New Car lettering: $600.00 / car =	$1,200
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
*Equipment for New Cruiser and installation cost: $8,000 / car =	$16,000
Laptops and docking stations: $5000 / car =	$10,000
Total Equipment for 2 cruisers	$27,800
1 late model program car.	$20,000
Total	$117,800

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of two Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruiser 20 (maintenance cost for FY19 to present $3,530.50 or .351 per mile) will have approximately 100,000 miles on it. We have kept the mileage around 100,000 so that the trade value will increase significantly. The supervisor cruiser (maintenance cost for FY19 to present $3,680.68 or .429 per mile) will have approximately 100,000 miles on it as well. These two vehicles have the highest millage in the fleet and need to be replace to avoid the high cost of repair work and to maximize the trade-in value.

With the purchase of four front line cruisers in FY17 and two front line cruisers in FY19 and FY20 we were able to assign the cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

In FY 2018, the council approved the purchase of a late model used vehicle for the investigative unit use as well as officer use for travel for training. Our detectives division is currently staffed with two detectives who are very busy investigating sex crimes, drugs and property crimes. The need has arisen for a second none-police vehicle to ensure that our detectives have transportation to enable them to perform their

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

respective job duties. Like the current detectives vehicle this vehicle would be utilized by a detective as well as Officers for out of town training and underage drinking enforcement.

FORM OF ACQUISITION *(check appropriate)*:

__XX__ Purchase ________ Lease

TOTAL ESTIMATED COST: $117,800.00
Encumbered (10,000)
*$107,800

NUMBER OF UNITS REQUESTED:

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue for cruisers
** **10K general tax revenue and 10k FY20 encumbered funds for the detective vehicle.***

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Cruiser (online 11/2016)	Ford SUV Interceptor	2017	$ 3,530.50		
Cruiser (online 12/2015)	Ford SUV Interceptor	2016	$ 3,680.68		

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by other agencies ___XX______Trade-In __________Sale

d

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Radar Replacement

LOCATION: Police Department

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Replace two (4) 10+plus year old cruiser Radar units.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

We currently have four (4) Genesis Radar units in use. These Radars were purchased in 2009 and have begun to break down. We currently need to replace two of the four remotes which control the units and anticipate having to replace the other two soon if the entire units are not replaced. The cost of each replacement remote is currently $280. It is unclear going forward if we will be able to purchase these remotes if needed indefinitely. It should be noted that we have replaced some of these remotes in the past. When the Radar units are not operable this impedes our officers ability to enforce speed limits violations, which directly impacts the safety of our traveling public. The price per unit is $3012.00 which is with state bidding assistance, which has a discounted price.

ORM OF ACQUISITION ***(check appropriate)*****:**

__x__ Purchase ________ Lease

TOTAL ESTIMATED COST: $12,048.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- [ ] Scheduled Replacement
- [ ] Present Equipment Obsolete
- [x] Replace worn-out Equipment
- [ ] Expanded Service
- [ ] New Operation
- [ ] Increase Safety
- [ ] Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
4 Genesis Radars		2009			

RECOMMEND **ENT ITEMS(S):**

______ Trade-In _____x_____ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Body Cameras

LOCATION: Police Department

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Purchase 8 Watch Guard Vista HD body worn cameras and 8 additional batteries.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

We have been using cruiser video equipment in this agency since the late 1990's. It has proven to be useful in prosecuting criminal cases and exonerating officers involved in personal complaints. Ultimately, these systems reduce city liability and lawsuits the police department has the potential to be involved in. I would like to enhance this protection by purchasing body worn cameras which will ensure when our officers are away from their cruisers we continue to be able to obtain video and audio of their interaction with the public. This purchase price includes 8 cameras plus and additional 8 batteries. These cameras have a continuous run time battery life of up to 9 hours. Our officers currently work a 10 hour shift so I feel it is imperative that we purchase the additional batteries to ensure we have continuous coverage. In addition to the cameras and extra batteries this purchase includes the docking/charging station for the cameras, licensing and an additional 3 year warranty which brings the total warranty coverage to 4 years. There is an additional cost of approximately $12K for the storage of the video data collected. According to IT this cost may change depending on which storage type the decide to utilize either our own server or the "cloud".

FORM OF ACQUISITION *(check appropriate)*:

__x__ Purchase ______ Lease

TOTAL ESTIMATED COST: $30,882.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Tax Revenue

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ☐ Expanded Service
- ■ New Operation
- ■ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION: ________________

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

3 SUVs @ $38,500 (pricing is based on an estimated 10% increase)	$115,500
Trade In Preparation (decal removal) and New Car lettering: $600.00 / car=	$1,800
Striping Equipment out of Cruiser to be traded in: $300/ car =	$900
*Equipment for New Cruiser and installation cost: $8,000 / car =	$24,000
Laptops and docking stations: $5000 / car =	$15,000
Total Equipment for 3 cruisers	$41,700
Total	$157,200

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of three Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 22, 23 and 19 will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These three vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2022

FORM OF ACQUISITION ***(check appropriate)*****:** ___XX____ Purchase _________ Lease	**TOTAL ESTIMATED COST: $157,200.00**
NUMBER OF UNITS REQUESTED:	**PROPOSED FINANCING:** ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.*** ***General Tax Revenue for cruisers***
PURPOSE OF EXPENDITURE ***(check appropriate)*****:** ■ Scheduled Replacement ☐ Present Equipment Obsolete ■ Replace worn-out Equipment ☐ Expanded Service ☐ New Operation ☐ Increase Safety ■ Improve Procedures, records, etc.	

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Cruiser (online 11/2016) #22	Ford SUV Interceptor	2017			
Cruiser (online 08/2017) #23	Ford SUV Interceptor	2017			
Cruiser (online 11/2016) #19	Ford SUV Interceptor	2017			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

___________Possible Use by other agencies	____XX______Trade-In	___________Sale

d

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION:

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $42,350 (pricing is based on an estimated 10% increase)	$84,700
Trade In Preparation (decal removal) and New Car lettering: $600.00 / car=	$1,200
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
*Equipment for New Cruiser and installation cost: $9,000 / car =	$18,000
Laptops and docking stations: $6000 / car =	$12,000
Total Equipment for 2 cruisers	$31,800
Total	$116,500

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of one Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 24 will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These three vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

In anticipation of continued growth in our City I am estimating that in FY23 we will be adding at a minimum an additional patrol officer to keep pace with the growth in our community. As our officer numbers increase so does the need for additional vehicles for those officers to use. As a result in FY23 will requesting the purchase of one additional cruiser bringing the total number of cars in our fleet to 11.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

FORM OF ACQUISITION ***(check appropriate)*****:**

___XX____ Purchase   _________ Lease

TOTAL ESTIMATED COST: $116,500.00

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.***

General Tax Revenue for cruisers

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Cruiser (online 08/2017) #24	Ford SUV Interceptor	2017			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

___________Possible Use by other agencies	____XX_______Trade-In	____________Sale

d

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION: ____________

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $46,585 (pricing is based on an estimated 10% increase)	$93,170
Trade In Preparation (decal removal) and New Car lettering: $600.00/car =	$1,200
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
*Equipment for New Cruiser and installation cost: $9,000 / car =	$18,000
Laptops and docking stations: $6000 / car =	$12,000
Total Equipment for 2 cruisers	$31,800
1 late model program car.	$25,000
Total	$149,970

*Equipment for new cruisers include lights, siren, light box, center console, radio, rear partition/cage, radar, and installation costs.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of two Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 17 and the K9 car will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These two vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

The Ellsworth Police Department will also need to replace the 2017 GMC SUV which is used by the detectives as well as patrol officers who are traveling for training. The vehicle will have in access of 100K miles and will need to be replaced in order to avoid the high cost of repair work and ensure that our employee's have the safest vehicles possible to do their jobs.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2024

FORM OF ACQUISITION *(check appropriate)*:	TOTAL ESTIMATED COST: $159,970.00
___XX____ Purchase ________ Lease	
NUMBER OF UNITS REQUESTED:	**PROPOSED FINANCING:** *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.*
PURPOSE OF EXPENDITURE *(check appropriate)*: ■ Scheduled Replacement ☐ Present Equipment Obsolete ■ Replace worn-out Equipment ☐ Expanded Service ☐ New Operation ☐ Increase Safety ■ Improve Procedures, records, etc.	*General Tax Revenue for cruisers*

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Cruiser (online 08/2018) #17	Ford SUV Interceptor	2018			
Cruiser (online 08/2018) K9	Ford SUV Interceptor	2018			
Det. (online 10/2017)	GMC SUV	2017			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by other agencies	____XX_______Trade-In	__________Sale

d

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2025

DEPARTMENT: Police **CONTACT PERSON:** Chief Moshier

PROJECT TITLE: Cruiser Purchase

LOCATION:

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

2 SUVs @ $51,243 (pricing is based on an estimated 10% increase)	$102,487
Trade In Preparation (decal removal) and New Car lettering: $800.00 / car=	$1,600
Striping Equipment out of Cruiser to be traded in: $300/ car =	$600
Equipment for New Cruiser and installation cost: $10,000 / car =	$20,000
Laptops and docking stations: $8000 / car =	$16,000
Total Equipment for 2 cruisers	$38,200
Total	$140,687

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Ellsworth Police Department needs replacement of two Ford SUV Interceptor Cruisers this year to keep pace with the needs of the patrol officers. Cruisers 18 and 21 will have approximately 100,000 miles on it. We attempt to keep the mileage around 100,000 so that the trade value will increase significantly. These two vehicles will have the highest millage in the fleet and need to be replaced to avoid the high cost of repair work, maximize the trade-in value and ensure officer safety.

With the current number of vehicles in our fleet, we are able to assign cruisers to shifts, which has had a positive impact on the fleets overall condition. By having a cruiser assigned to a shift, we have seen a significant decrease in mileage, fuel consumption and maintenance costs per cruiser. The affect has been positive from the Officers perspective as well as they have a vested ownership and pride in their assigned vehicle. The Officers take better care of the cruisers and are more likely to notice and report when something is not quite right with the cruiser. This early notification has undoubtedly lead to early repairs, which has saved money in the maintenance budget.

FORM OF ACQUISITION *(check appropriate)*: **TOTAL ESTIMATED COST: $140,687.00**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2025

__XX____ Purchase ________ Lease	
NUMBER OF UNITS REQUESTED:	**PROPOSED FINANCING:** *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserv$100e Funds, Special Assessments, Grant Proceeds, etc.* *General Tax Revenue for cruisers*
PURPOSE OF EXPENDITURE ***(check appropriate)*****:** ■ Scheduled Replacement ☐ Present Equipment Obsolete ■ Replace worn-out Equipment ☐ Expanded Service ☐ New Operation ☐ Increase Safety ■ Improve Procedures, records, etc.	

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Cruiser (online 04/2020) #18	Ford SUV Interceptor	2020			
Cruiser (online 04/2020) #21	Ford SUV Interceptor	2020			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by other agencies	____XX_______Trade-In	___________Sale

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City of Ellsworth
5 Year Capital Improvement Plan
FY 2021 - FY 2025

Project Name	**2021**	**2022**	**2023**	**2024**	**2025**	**Total 5 Year Request**
Waterfront Improvements (Section 11)						
Bath house	15,000					15,000
Commercial Pier	50,000	50,000	600,000			700,000
Repair Cribbing		85,000				85,000
Parking/Sidewalk Improvements		80,000				80,000
Additional Float Dock					85,000	85,000
Total Waterfront Improvements	**65,000**	**215,000**	**600,000**	**0**	**85,000**	**965,000**

Sidewalk = aethetics

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

EPARTMENT: Harbor________ **CONTACT PERSON:** Harbor Commission

PROJECT TITLE: Bath house remodel

LOCATION: _Harbor

DESCRIPTION OF PROPOSED PROJECT:
Renovate existing bathhouse, to include bathroom remodel and additions of shower facilities. Make ADA Compliant access/bathrooms.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Bathhouse is out dated and does not meet the needs of the public. The facilities are not ADA compliant and Harbor park sees a high usage by the physically challenged. The facilities are becoming aged and we have had numerous issues the last couple of years with the plumbing at the facility. The facility does not offer showers and this has been a request of many of our transient slip renters.

TOTAL ESTIMATED COSTS:

Planning, Design, $______1000__________
Engineering: $________________
Land Purchase: $________________
Construction: $______12500__________
Equipment & Furniture: $________1500_________
Other: $________________
TOTAL COST **$______15,000__________**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General taxation

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	$1000					
Land Acquisition						
Construction	$12500					
Other	$1500					
TOTAL COST	$15,000					
aintenance & Operation osts						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

EPARTMENT: Harbor________ **CONTACT PERSON:** Harbor Commission

PROJECT TITLE: Commercial Pier - Sketch Plan

LOCATION: _Harbor

DESCRIPTION OF PROPOSED PROJECT:
Investigate the feasibility/ preliminary design details required to install pier on the south side of the boat ramp – for use during commercial operations in the harbor

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

This is the beginning of the plan to have a commercial pier , this study will look into the feasibility of the pier and its location , what environmental impacts/permitting required and begin to put together what the city would need to pursue this project in the future . End goal is preliminary design plans and permiting guidance documents.

The Commercial pier would be for fisherman and aquaculture farmers to allow vehicles to access/offload their catch. This would enhance the commercial ability of the harbor and potentially increase the commercial use. This commercial use will help with getting the required dredging done .

TOTAL ESTIMATED COSTS:

Planning, Design,	$_______50,000__________
Engineering:	$________________
Land Purchase:	$________________
Construction:	$________________
Equipment & Furniture:	$________________
Other:	$________________
TOTAL COST	**$______50,000___________**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Bonds/Grants/tax dollars/donations –combination of funding sources

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	50,000					50,000
and Acquisition						
nstruction						
Other						
TOTAL COST	50,000					50,000

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: Harbor

CONTACT PERSON: Harbor Commission

PROJECT TITLE: Parking /Sidewalk improvements

LOCATION: Harbor

DESCRIPTION OF PROPOSED PROJECT:

Remove old curbing and broken up hot top replace with new granite curbing, concrete sidewalk and HMA parking lot overlay. Including patio area near existing flag pole.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

This is a project that needs to be done for the public's safety .The public has identified the need for improvements at the waterfront. We feel that this will not only improve the safety but also give the citizens pride that our waterfront is meaningful and that we listened to their concerns after asking where the city needs to improve on in the survey we sent out.

TOTAL ESTIMATED COSTS:

Planning, Design,	$ 5000
Engineering:	$
Land Purchase:	$
Construction:	$ 75,000
Equipment & Furniture:	$
Other:	$
TOTAL COST	**$ 80,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation/Grants

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering		5000				
Land Acquisition						
Construction		75000				
Other						
TOTAL COST		80000				
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: Harbor________

CONTACT PERSON: Harbor Commission

PROJECT TITLE: Repair Cribbing

LOCATION: _Harbor

DESCRIPTION OF PROPOSED PROJECT:

The city paid for a study to be done by Plymouth Engineering a few years ago. They recommended capping off of the cribs with granite 6-12 inch.

JUSTIFICATION & USEFUL LIFE:

(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The cribbing in the river was installed in 1975 by the army corps of engineers. They have withstood the test of time but the time has come to do maintenance on these structures. This is to hire a crane or barge to get the large rocks into the crib works and then prebuild "caps" to place over the cribs and also have them placed .

TOTAL ESTIMATED COSTS:

Planning, Design,	$________________
Engineering:	$________________
Land Purchase:	$________________
Construction:	$_______85,000___________
Equipment & Furniture:	$________________
Other:	$________________
TOTAL COST	$______**85,000**___________

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

General Taxation /Grants

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction		$85,000				
Other						
TOTAL COST		$85,000				
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: Harbor

CONTACT PERSON: Harbor Commission

PROJECT TITLE: Commercial Pier – Engineering

LOCATION: Harbor

DESCRIPTION OF PROPOSED PROJECT:
Design details and construction documents required to install pier on the south side of the boat ramp – for use during commercial operations in the harbor

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

This is to continue the plan to have a commercial pier , this year would be full engineering , building off last years preliminary documents and start the permitting process for the project. End goal is construction plans/documents and permiting.

The Commercial pier would be for fisherman and aquaculture farmers to allow vehicles to access/offload their catch. This would enhance the commercial ability of the harbor and potentially increase the commercial use. This commercial use will help with getting the required dredging done .

TOTAL ESTIMATED COSTS:

Planning, Design,	$ 50,000
Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$
TOTAL COST	**$ 50,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Bonds/Grants/tax dollars/donations –combination of funding sources

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2022	2023	2024	2025	2026	TOTAL
Planning, Design, Engineering	50,000					50,000
Land Acquisition						
Construction						
Other						
TOTAL COST	50,000					50,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2023

DEPARTMENT: Harbor

CONTACT PERSON: Harbor Commission

PROJECT TITLE: Commercial Pier

LOCATION: Harbor

DESCRIPTION OF PROPOSED PROJECT:
Install pier on the south side of the boat ramp – for use during commercial operations in the harbor

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Commercial pier for fisherman, aquaculture farmers to allow vehicles to access/offload their catch. This would enhance the commercial ability of the harbor and potentially increase the commercial use.

TOTAL ESTIMATED COSTS:

Planning, Design,	$
Engineering:	$
Land Purchase:	$
Construction:	$ 600,000
Equipment & Furniture:	$
Other:	$
TOTAL COST	**$ 600,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Bonds/Grants

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction			600,000			
Other						
TOTAL COST			600,000			
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2025

CONTACT PERSON: Harbor Commission

DEPARTMENT: Harbor

PROJECT TITLE: Additional Float Dock

LOCATION: Harbor

DESCRIPTION OF PROPOSED PROJECT:

Install an additional 120 feet of floating dock

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Purchase 120 feet of floating dock to add a third docking location in the harbor. This additional float dock location would allow us to house 8 boats in the same area only 2 boats are currently using. This is a cost effective way of maximizing our small harbor. The expected payback from user fees is about 5 years. The life expectancy of these docks are 20-30 years

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$ 85,000
Other:	$
TOTAL COST	**$ 85,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Taxation/Grants/user fees

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction					$85000	
Other					$85000	
TOTAL COST						
Maintenance & Operation Costs						

City [illegible]sworth
5 Year Capital Improvement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Recreational Imp. (Section 12)						
Misc. Rec. Activities	50,000	25,000	15,000	15,000	15,000	120,000
Total Recreation Imp.	**50,000**	**25,000**	**15,000**	**15,000**	**15,000**	**120,000**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

EPARTMENT: Recreation **CONTACT PERSON:** Tammy Mote

PROJECT TITLE: Demeyer Field Renovations

LOCATION: Demeyer Field

DESCRIPTION OF PROPOSED PROJECT: D3 Drainage Issues

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The Recreation Commission is requesting to start building up a capital improvement fund for future improvements at the Demeyer Field Complex. Projects would include additional parking, drainage needs, fencing replacements, and lighting. FY 2021 includes leveling off Wilson Field and having a feasibility study of a sports and recreation complex.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ $50,000
Land Purchase:	$
onstruction:	$
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ **$50,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

This capital improvement appropriation will be funded by general tax revenue.

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other	$50,000	$25,000	$15,000	$15,000	$15,000	$120,000
TOTAL COST	$50,000	$25,000	$15,000	$15,000	$15,000	$120,000
Maintenance & Operation Costs						

City … sworth
5 Year Capit… …provement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Library Improvements (Section 13)						
HVAC Improvements	36,600					36,600
Attic & Roof Insulation	15,000					15,000
Window Repair	30,000					30,000
Retaining Wall & Fence Repair		15,500				15,500
Fire Escape Cover				18,000		18,000
Sprinkler System Installation					28,000	28,000
Total Library Improvements	**81,600**	**15,500**	**0**	**18,000**	**28,000**	**143,100**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY ~~2021~~ 2022

DEPARTMENT: Library

CONTACT PERSON: Amy Wisehart

PROJECT TITLE: HVAC Improvements

LOCATION: Library

DESCRIPTION OF PROPOSED PROJECT:

New boiler and pump controls; replace fuel tanks for aging boilers

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Our current HVAC system is almost 30 years old and inefficient. Recent repairs have been costly and we anticipate that these improvements will save on building maintenance costs in the long term.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ 36,600

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Library's assigned fund balance for capital improvement projects

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST		36,600				
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Library

CONTACT PERSON: Amy Wisehart

PROJECT TITLE: Attic and Roof Insulation

LOCATION: Library

DESCRIPTION OF PROPOSED PROJECT:
Installation of spray foam insulation in attic and roof areas

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

These parts of the building do not have sufficient insulation and impede our energy efficiency. We anticipate that this project will save money on heating costs over the long term.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ **15,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Library's assigned fund balance for capital improvement projects

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST	15,000					
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Library **CONTACT PERSON:** Amy Wisehart

PROJECT TITLE: Window Repair

LOCATION: Library

DESCRIPTION OF PROPOSED PROJECT:

Repair of the two large windows in the newer part of the library. We are still waiting for a price quote for this project.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

We've had leaks and some seals are broken on these windows, which were installed almost 30 years ago. They are not energy efficient and we hope that repair or replacement will save on energy costs.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $____
Land Purchase: $____
Construction: $ 30,000
Equipment & Furniture: $____
Other: $____
Miscellaneous: $____
TOTAL COST $ 30,000 *

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Library's assigned fund balance for capital improvement projects

* estimate - Library is still waiting for quote.

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST						
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY ~~2021~~ 2022

DEPARTMENT: Library

CONTACT PERSON: Amy Wisehart

PROJECT TITLE: Retaining Wall and Fence Repair

LOCATION: Library

DESCRIPTION OF PROPOSED PROJECT:

Installation of a new fence and sealers for the retaining wall beside the library parking lot.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The fence and retaining wall are in disrepair and will continue to degrade unless addressed fairly soon. Engineer Andrew McCullough recommends a new fence and sealer for the wall.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $______
Land Purchase: $______
Construction: $______
Equipment & Furniture: $______
Other: $______
Miscellaneous: $______
TOTAL COST $ **15,500**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Library's assigned fund balance for capital improvement projects

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST		15,500				
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY ~~2021~~ 2024

DEPARTMENT: ___Library___________________ **CONTACT PERSON:** __Amy Wisehart_____

PROJECT TITLE: ____Fire Escape Cover_____

LOCATION: ____Library__________

DESCRIPTION OF PROPOSED PROJECT:

Construction and installation of a cover for the library's fire escape.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

The library's fire escape is uncovered and exposed to the elements during the winter. For much of the year, it is not usable as a means of egress due to ice and snow accumulation. This is a safety issue that has been flagged by the fire inspector.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $________________
Land Purchase: $________________
Construction: $________________
Equipment & Furniture: $________________
Other: $________________
Miscellaneous: $________________
TOTAL COST **$__18,000__________**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Library's assigned fund balance for capital improvement projects

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST				18,000		
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY ~~2021~~ 2025

DEPARTMENT: ___Library_______________ **CONTACT PERSON:** Amy Wisehart

PROJECT TITLE: Sprinkler System Installation

LOCATION: Library

DESCRIPTION OF PROPOSED PROJECT:
Installation of a fire safety sprinkler system in the older Tisdale House section of the building.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

There is currently no sprinkler system in this part of the building or in the attic. This is a fire safety issue that has been flagged by the fire inspector.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $__________
Land Purchase: $__________
Construction: $__________
Equipment & Furniture: $__________
Other: $__________
Miscellaneous: $__________
TOTAL COST $__________28,000___

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Library's assigned fund balance for capital improvement projects

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST					28,000	
Maintenance & Operation Costs						

City [illegible]sworth
5 Year Capit[illegible]provement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Misc. Capital Improvements (Section 14)						
Comprehensive Plan	50,000	50,000				100,000
Grant Application Funds	20,000	20,000	20,000	20,000	20,000	100,000
Total Misc. Capital Improvements	**70,000**	**70,000**	**20,000**	**20,000**	**20,000**	**200,000**

ELLSWORTH CAPITAL IMPROVEMENT PROJECT REQUEST FY 2021

DEPARTMENT:	**Development Services (Planning Office)**	**CONTACT PERSON:**	**Director**
PROJECT TITLE:	**Comprehensive Plan Update**	**LOCATION:**	NA

City of Ellsworth Comprehensive Plan

DESCRIPTION OF PROPOSED PROJECT:

The City of Ellsworth's Comprehensive Plan was found to be consistent with Maine's Growth Management Law by the State on December 9, 2004 and was adopted by the City Council on February 14, 2005. The State's Growth Management Act states that a comprehensive plan's consistency with the law expires after 12 years. Therefore, the City's Comprehensive Plan has been inconsistent with State law since 2016. Although the Comprehensive Plan is inconsistent with state law, the City's Plan is still valid, as are the recommendations that are documented in the Plan.

Since Ellsworth's Plan is 15 years old at this point, and since there has been significant change in the City in those 15 years, and since the review criteria set out by Maine's Growth Management Act has also changed, the City is looking at more of a re-write of the Comprehensive Plan than an update to the 2004 Plan. The Comprehensive Planning process involves public engagement and municipal official and staff time as we look to set out planning recommendations ten years into the future. Elements of a comprehensive plan address land use and development, housing, economic development, municipal services and infrastructure (public works, public safety, schools, library, etc.), transportation systems, fiscal policy, historical and archeological resources, natural resources, and parks and recreation.

Typically, since the comprehensive planning process is lengthy and time consuming, municipalities hire the help of a consultant to guide them through the process under the supervision and with the help of the City Planner and staff. Such a project will generally take two years and cost between $80,000 and $120,000, depending on if the City outsources all or part of the project. The Development Services Department particularly foresees a consultant being essential in facilitating public engagement with varying stakeholder groups. In addition to reviewing the 2004 Comprehensive Plan for relevance, staff can provide and guide the consultant through other more recent City planning efforts that could be analyzed, summarized, and incorporated into the new comprehensive planning process. These efforts include: 2002 Waterfront Master Plan; 2003 High Street Beautification Plan; 2004 Sourcewater Protection plan; 2004 Workforce Housing and Action Plan; 2007 Ellsworth Bike/Ped Plan; 2007 Economic Development Strategy; 2008 Parking Management Study; 2006 Waterfront Redevelopment Plan; 2011 Economic Development & Business Attraction Plan; 2015 Senior Housing Study; 2015 Ellsworth Vision; and 2014 SW Infrastructure and Mapping. Planning staff can work with each City department to provide input during the planning process. City staff can also help to chronicle the previous plan's process and assess its implementation, noting both physical changes to the City and administrative changes within City Hall.

In 2018, in preparation for the CIP FY 2019 Project Request, the Planning Office contacted four municipalities that had recently updated their respective comprehensive plans. The following ranges in budgets for comprehensive planning was found:

a) Topsham, with a population of 9,000 spread over 36 square miles, hired Maine Design Workshop for $87,000 (https://www.topshammaine.com/compplan).
b) Brewer, with a population of 10,000 spread over 15 square miles, did part of the work in house and hired Ritch Rothe for the rest. Brewer spent $47,000 for an old-style type of plan (http://brewermaine.gov/planning/comprehensive-plan/).
c) Scarborough, with a population of 20,000 spread over 71 square miles, hired Town Planning and Urban Design Collaborative for $120,000. The plan is user-friendly (https://www.scarboroughengaged.org/2087/documents/2133).
d) Lewiston, with a population of 36,000 spread over 36 square miles, also hired Town Planning and Urban Design Collaborative for $95,000 and, similar to Scarborough, has a plan that is user-friendly (http://www.lewistonmaine.gov/DocumentCenter/View/7101/CompPlanForWebsite?bidId=).

In addition, the Development Services Department staff recently contacted a local planning consultant to determine if these ranges are still relevant one year later. The consultant recommends budgeting somewhere between $80,000 and $120,000. Per the consultants email (attached), "The range could change a little but with the lower end you'd get more of a standard plan graphically as well as a good but standard public process. With the upper end, the plan could be better graphically and perhaps a more robust public process." Per this recommendations, and with the understanding that staff will work ahead of the beginning of the planning process to prepare the consultant, we have requested a budget of $100,000 for the Comprehensive Plan.

JUSTIFICATION & USEFUL LIFE:

Why do a Comp Plan? There are several reasons why a Comprehensive Plan is needed for Ellsworth:

1. A comprehensive plan charts out municipal growth over a ten year period, with an understanding that a community can change drastically over a ten year span and that an update is necessary to stay relevant with the times. Ellsworth has transformed over the past 15 years, with new economic sectors being explored, a growth in the rental housing market, and significant population growth (23% from the 2000 Census to the 2010 Census). It is time to re-examine the comprehensive plan giving existing conditions and to base a ten-year plan off these existing conditions.
2. From a legal perspective, a zoning ordinance should be consistent with an adopted comprehensive plan. Although, for the most part, the Ellsworth Unified Development Ordinance (UDO) and Subdivision Ordinance are not "inconsistent" with the intent of the 2004 Plan, there are enough disparities and discrepancies to provide an opening for a party affected by the ordinance to challenge it in court. In addition, one of the criteria in the UDO for final site plan approval is for the Planning Board to make a determination that the project is consistent with the comprehensive plan. Again, given the comprehensive plan is dated, a

developer/applicant who is denied Planning Board approval may appeal this finding/challenge this finding in court.

3. There are State incentives to having an adopted comprehensive plan that is consistent with State law. Without a consistent plan, the City is missing out on these incentives, including being able to apply for grant dollars from several State programs. Attached is a sheet of State incentives for communities who adopt a comprehensive plan consistent with State law.
4. Many people within the Ellsworth community are aware the City's comprehensive plan is no longer consistent with State law and that its findings and recommendations may no longer be relevant given its adoption date. The Planning Office has received questions and concerns from residents and from Planning Board members regarding the applicability of the plan given the growth and changes to the City. In the last year, the Ellsworth American published an article about the City's comprehensive plan.
5. A new comprehensive plan will provide an opportunity to plan for ten years of growth in Ellsworth, incorporating various studies and visions that have been conducted previously by the City, as well as tying in the efforts of the City's Capital Improvement Plan committee.

The "Useful Life" of the Comprehensive Plan will be ten years. At that time, the City should consider a plan update, to take place over a two year time period, in order to remain consistent with the 12-year State law. The Development Services Department would recommend that the CIP committee consider budgeting for the next plan update incrementally, starting after this plan has been financed, in order to incur the expense over a greater period of time.

TOTAL ESTIMATED COSTS:	PROPOSED FINANCING:
Planning, Design, TOTAL $100,000	**General Fund and/or** **Open to Discuss Creative Means of Financing (i.e. TIF funds for parts of the plan that would be deemed "TIF Compliant", City department "buy-in", financing over a longer period of time, etc.)**

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	$50,000	$50,000				$100,000
Land Acquisition						
Construction						
Other						
TOTAL COST	$50,000	$50,000				$100,000
Maintenance & Operation Costs						

STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY

22 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0022

PAUL R. LEPAGE
GOVERNOR

WALTER E. WHITCOMB
COMMISSIONER

LEGISLATIVE INCENTIVES FOR ADOPTION OF A COMPREHENSIVE PLAN THAT IS CONSISTENT WITH MAINE'S GROWTH MANAGEMENT ACT

(30-A, M.R.S.A. §4301 et seq.)

Only communities that adopt a consistent comprehensive plan can…

- Enact legitimate zoning*, impact fee, and rate of growth ordinances;
  (30-A, M.R.S.A. §4314; 30-A, M.R.S.A. §4352.2)
- Require state agencies to comply with local zoning standards;
  (30-A, M.R.S.A., §4352.6)
- Qualify for preferred status with many state competitive grant programs;
  (30-A, M.R.S.A. §4349-A.3-A)
- Guide state growth-related capital investment towards locally-chosen growth areas;
  (30-A, M.R.S.A. §4349-A.1)
- Qualify for Site Location of Development Act exemptions for certain growth-area developments;
  (38, M.R.S.A. §488.14 & .19)
- Qualify for relaxed MaineDOT traffic permit standards for certain growth-area developments;
  (23, M.R.S.A. §704.A.2.D)
- Qualify for authority to issue Natural Resources Protection Act (NRPA) permits; and
  (38, M.R.S.A. §480-F)
- Qualify for authority to issue Site Location of Development Act permits.
  (38, M.R.S.A. §489-A)

* Exceptions apply for certain shoreland zoning, adult entertainment, and floodplain management ordinances.

Note: Absent a court ruling to the contrary, a current Department of Agriculture, Conservation & Forestry finding of consistency constitutes evidence of a plan's consistency with the Growth Management Act. If a legal interpretation is needed or desired, consultation with a municipal attorney or the Maine Municipal Association is recommended.

Revised January 4, 2016, DACF, Municipal Planning Assistance Program

PHONE: (207) 287-3860

FAX: (207) 287-7439

Janna Richards

From: Noel Musson <noel@themussongroup.com>
Sent: Monday, December 30, 2019 7:52 AM
To: Janna Richards

Follow Up Flag: Follow up
Flag Status: Flagged

Attention: This e-mail message is from an external source. Please do not open attachments or click links from an unknown or suspicious origin.

Hi Jenna,

Sorry to get back to you so late. I ended up taking most of last week off and went to boston for a few days with Mary and the kids.

Following up with Comp Plans -

I think for a full update you'll want to budget somewhere between 80,000 and 120,000. The range could change a little but with the lower end you'd get more of a standard plan graphically as well as a good but standard public process. With the upper end the plan could be better graphically and perhaps a more robust public process. Timeframe for a good plan is about 18 months.

Generally speaking I feel that the newer plans should be less wordy with more time spend on really thinking through attainable action items. I would also suggest that the initial phase be geared toward giving the consultant about 4 months just to prepare the inventory sections before any committee work is really started. That way the first few meetings with the committee can be review of data and help eliminate fatigue within the committee since data can be boring.

Happy to talk more about it if it would help.

Noel

Noel Musson - Principal
THE MUSSON GROUP
Planning | Permitting | Project Management | Economic Development

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City of ELLSWORTH
Business, Leisure, Life.

Development Services Dept.
City website: www.ellsworthmaine.gov
James E. (Jef) Fitzgerald, City Planner
Kerri Taylor, Development Services Coord.

PLANNING OFFICE
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jfitzgerald@ellsworthmaine.gov (207) 669-6608
ktaylor@ellsworthmaine.gov (207) 669-6615

Comprehensive Planning Process 2020

Steps:

1. Secure funding via City budget, CIP and a possible grant.
2. Solicit and appoint a representative CP Committee.
3. Decide on roles and scope of work for consultant, draft RFP and publish.
4. Research other local planning efforts for incorporation into the CP process.
5. Freshen up the information from the 2015 Visioning Project and other plans for CP use.
6. Request data package from state.
7. Create forms for local data gathering.
8. Gather more information from City Departments and others for Inventory + Analysis.
9. Decide on style of Plan, i.e. Great detail or keep it simple?
10. Decide on frequency of meeting for Committee and its process, i.e. a chapter per month
11. Draft chapters for review by committee.
12. Create GIS maps for the CP (consultant or staff?)
13. Set up system for posting drafts, minutes, maps and etc. on the web
14.

Plans, Studies and Tools for writing a new Ellsworth Comp Plan:

From most recent to older back to the previous Comp Plan...

2020 **The Ellsworth Green Plan draft** addresses sustainability & resiliency from the view point of members of a grass-roots organization. It can be found at: https://docs.google.com/document/d/1lbmqx-7j_RG4xCCmYCI_KILDIkmCoE-sLFVfIL4hdiY/edit

2019 **Hydroelectric Project Re-Licensing Application(s)** Brookfield Renewable for Black Bear.

2019 A **build-out analysis tool** commissioned by The Frenchman Bay Conservancy (for around $10,000) allows planners to anticipate the impacts of the present zoning and to decide on the future zoning. See more at: http://frenchmanbay.org/ellsworth/

2017 **Ellsworth Age-Friendly Community Survey**; Analytic Insight for FIA. *Hard copy in file*

2015 **Housing Opportunities for Ages 55 and Older Markets: Ellsworth**; *hard copy in file*

2015 **Ellsworth Public Library Long Range Planning**; Committee and WBRC Architects. *Copy.*

2015 **Ellsworth Visioning Project**; a public process where citizens contributed toward a Vision for the City. https://www.ellsworthmaine.gov/

2014 **Ellsworth Culverts and Stormwater Management**. COA. *Hard copy in file*

2014 **Stormwater Infrastructure and GIS Mapping**. The City hired an engineer to locate and describe existing Stormwater Infrastructure in most of the public system.

2013 **Blue Hill Bay Needs Assessment**; HCPC. *Hard copy in file*

2012 **Card Brook TMDL Assessment Summary and Watershed Report.** MDEP *on file.*

2012 **Ellsworth Maine Certified Business Friendly Community application** *on file. Result?*

2011 **Economic Development & Business Attraction Plan**; *Hard copies in file.*

2010 **Ellsworth Multi-family Housing Potential**; Planning Insights Inc. - Penquis Housing. Copy

2010 **STAR Center Multi-modal transport development Study**; HCPC. *Hard copy in file.*

2010 **Knowlton School Redevelopment Study**; Riverside Lane Corp. *Hard copy in file.*

2009 **Branch Lake Water Quality Report**; Water Dept. *hard copy in file- periodic or 1-time?*

2009 **Building Our Healthy Future**; Union River Healthy Communities. *Hard copy in file.*

2009 **Sidewalk Assessment Plan**; Eero Hedefine and City Planning *in files.*

2009 **Branch Pond Watershed Survey**; UMCE/HCSWCD *copy on file. Older studies by others too.*

2008 **Parking Management Study**; Gorrill-Palmer *hard copy in file.*

2007 **Ellsworth Bike/Ped Plan**; HCPC and City *copies in file.*

2007 **Economic Development Strategy**; *Hard copies in file*

2007 **Downeast Transit Route Redesign Study**; Tom Crikelair Assoc. *Hard copies in file.*

2006 **Waterfront Redevelopment Plan**; update

2006 **Ellsworth Municipal Garage Evaluation**; Woodard & Curran *hard copy in file.*

2005 **WWTP Evaluation**; Woodard & Curran *in file*. Followed up by new WWTP.

2005 **Revised Source Water Protection Plan**; Maine Rural Water Assoc. *hard copy in file.*

2005 **High Street/Routes 1&3 Corridor Study**; Gorrill-Palmer *hard copy in file. This report recommended the one-way section of Route 3.*

2004 **Workforce Housing and Action Plan**; https://www.ellsworthmaine.gov/wp-content/uploads/2016/09/workforce_housing_1-1.pdf Bruce C. Mayberry, Planning Consultant

2003 **High Street Beautification Plan**; (referenced a little in the 2004 Comp Plan). WBRC Architects, Land Design Group, Anthony Meunch LA. *Hard copy in file.*

Any more?

Janna

Land Use Planning Consultants

https://www1.maine.gov/dacf/municipalplanning/technical/consultants.shtml

limited to those within 90 miles, 100 minutes of travel time.

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465 South Main Street
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Brewer, ME 04412
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Fax: (207) 989-4881
Email: brewer@ces-maine.com

Gwendolyn Hilton
4 Heald St.
Madison, ME 04950 *90 miles, 100 minutes min.*
Phone: (207) 399-9866

Gartley Dorsky Engineering Surveying
PO Box 1031
Camden, ME 04843 *90 miles, 100 minutes min.*
Phone: (207) 236-4365
Fax: (207) 236-3055

Woodard & Curran
One Merchants Plaza, Suite 501
Bangor, ME 04401
Phone: (207) 945-5105
Email: info@woodardcurran.com

Plymouth Engineering, Inc.
PO Box 46
Plymouth, Maine 04969 *50 miles, 60 minutes min.*
Phone: (207) 257-2071
Fax: (207) 257-2071
Cell: (207) 408-9718
Email: fred@plymouthengineering.com

Land Design Group (Carla Haskell)
79 Main Street, Suite C
Ellsworth, ME 04605
Phone: (207) 667-6234
Fax: (800) -667-7630
Email: ldgroup@me.acadia.net

The Musson Group
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EMDC
Bangor

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Misc

CONTACT PERSON: Tammy Mote

PROJECT TITLE: Grant Application Funds

LOCATION:

DESCRIPTION OF PROPOSED PROJECT:

Grant Application Funds

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

It is difficult to anticipate all expenses relating to planning activities. Planning is a very dynamic field where unforeseen opportunities or urgent needs may suddenly surface; and planned projects may tank because there is insufficient support or grant funds were not secured.

This money will be used to assist in the preparation of grant applications and/or match for studies. It is important to understand that to get grant monies you often need to invest local money. Uses of that money would include activities such as, but not limited to, conducting income surveys which will be needed to apply for a CDBG for the wastewater treatment plant, preliminary engineering/design and cost estimates for grant application, or as match for the development of plans and studies.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$ 20,000
Other:	$
Miscellaneous:	$
TOTAL COST	$ **20,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

General Tax Revenue

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST	$20,000	$20,000	$20,000	$20,000	$20,000	$100,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Water – Watershed Protection

CONTACT PERSON: _John E. Wedin_____

PROJECT TITLE: **Lake chemical survey & navigation buoy tender boat**

LOCATION: Branch Lake (others as needed)

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:
A flat decked (deck or pontoon type) boat hull, augmented by tools used to perform testing & sampling of lake water – 1) a table to safely place our oxygen meter and recording computer on when in use, 2) a seat at the table so that we may operate the oxygen meter, 3) a seat adjacent to the gunwale to correctly position our oxygen probe 100 feet below, 4) a tarp overhead to enable us to see the oxygen meter when in direct sun and to avoid excess radiation exposure, 5) a side door at deck level to provide safe water surface access when measuring water clarity via Secchi disk and when sampling lake water. 6) a motor console to control a 4 stroke outboard motor to reduce the risk of repetitive motion disorder when traveling miles between lake sampling stations. 7) an outboard motor-including installation. 8) a capstan/winch to deploy and weigh anchor using greater than 150 feet of anchor rode. 9) a trailer to transport this hull.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Criteria #1 Public Health & Safety The quality of our drinking water source is and has been of primary concern since before we built the treatment plant on Branch Lake. Monitoring our source has allowed us to be aware of changes to lake health, which in turn can be an indicator of future treatability of the lake water for the prime purpose of public health. A flat deck to the sides of the boat will be a much safer design for our employees when performing all of the jobs that we perform now with our bass fishing boat. A safer way to do our jobs represents less loss risk for the city.

Criteria #7 Expected Life of Improvement The theoretical life of an aluminum pontoon should be unlimited; the life of a new 4 stroke outboard motor should exceed 15 years with minimal maintenance. The working life cycle of the tools listed above to enable safe job performance average 15 years as well.

Criteria #9 Relationship to Adopted Plans The Branch Lake Sourcewater Protection Plan of 2004, prepared with the assistance of Bernie Hussey, Myron Grant, Larry Wilson, Michele Gagnon, et,al. listed expanded lake monitoring as a key measure to better inform the city about its drinking water source. In 2019, the city in close cooperation with the Branch Lake Association, committed to enhanced monitoring of the lake, and has invested in technical deep water sampling equipment. A working platform with a flush deck to the side of the boat would enable use of this equipment in the safest & most economical manner.

Criteria #10 & #11 Intensity of Use & Scheduling Then enhanced monitoring previously mentioned, along with the maintenance of our navigation buoy system in the lake, would be best served by a hull type that would be able to be utilized in less than ideal conditions; our present hull cannot be launched oftentimes due to its low transom draft. A more stable & unsinkable hull would be an asset for the present and envisioned intensity of use.

Criteria #10 & #11 Special Needs & Timeliness The present tool we use for these jobs listed above is a bass fishing boat. It is superb-for bass fishing. It is fast-which we don't need. It gets up on plane easily-which we don't need. The front seat is high and central for casting for bass in the shallows-which is the opposite of the features we need. It has a recessed deck-when you drag a buoy & mooring block into the boat-one has to lift it out to deploy. It has no table for our sampling and testing equipment. It has no tarp to enable us to read our test meters efficiently. It has no seating at the side of the boat to deploy our oxygen probe and deep sampler efficiently. It does float, mostly, when water doesn't come over the low transom-see note above. It does not have a console or remote controls for our motor. Our existing boat was procured by well-meaning folks who had not performed <u>any</u> of the jobs that we perform.

In short – we have Special Needs, and the need was 15 years ago. With our enhanced monitoring contemplated for 2020, we should make wise use of the optimal type of tool(s) which are available and are designed for the tasks we actually perform.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

FORM OF ACQUISITION *(check appropriate)*:

X Purchase ________ Lease

TOTAL ESTIMATED COST: ~~$11,000~~ $12,500

NUMBER OF UNITS REQUESTED: One

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

User Fee revenue, offsets from sale of old equipment.

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☒ Present Equipment Obsolete
- ☒ Replace worn-out Equipment
- ☒ Expanded Service
- ☐ New Operation
- ☒ Increase Safety
- ☒ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Water Dept. bass fishing boat	Starcraft	15 yrs.	$200		Borrowed-None

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

_____yes______Possible Use by other agencies	___possibly_____Trade-In	____**recommended**___Sale

Bond. Bond.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Distribution Maintenance

LOCATION: Within the Water Department System

DESCRIPTION OF PROPOSED PROJECT: **Allowance not to exceed the amount of $50,000 for distribution maintenance to include service repairs, hydrant replacement/repairs and other general miscellaneous distribution maintenance.**

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Funding will be used for Fiscal Year 2021. Any remaining money will be rolled over into the following Fiscal Year.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $________

Land Purchase: $________

Construction: $________

Equipment & Furniture: $________

Other: $________

Miscellaneous: $________

TOTAL COST $ 50,000 per year

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

User generated funds.

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST	50,000	50,000	50,000	50,000	50,000	250,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: ______________________

CONTACT PERSON:

Reggie Winslow

PROJECT TITLE: SCADA

LOCATION: Clearwater Way

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE: Inductive Automation SCADA System. Controls the Treatment Plant and Distribution system controls. Tracks logs and stores required data. More user friendly. Completely integrated. More user friendly.

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Will control the entire Treatment Plant including Spray Irrigation systems. Monitor all necessary and vital applications to and from the Plant and other Water Dept. operations.

FORM OF ACQUISITION *(check appropriate)*:

____X___ Purchase   _________ Lease

TOTAL ESTIMATED COST: $30,000

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Purchased from the Water Dept. CIP fund

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ■ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ☐ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
Rockwell SCADA					

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

___________Possible Use by othe   ___________Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Treatment Plant Lagoon System

LOCATION: Clearwater Way

DESCRIPTION OF PROPOSED PROJECT: **Construction of two larger lagoon beds for drinking water backwash system. Lagoons will be in an area of 480,000 square feet with an attached spray irrigation system for dewatering the proposed lagoon beds. Project design started in 2015. Will be going for DWSRF monies again this year 2020.**

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)
Current lagoons are not designed for and are not capable to handle the current daily demand. Proposed lagoons design has anticipated size to handle far into the future.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 200,000
Land Purchase:	$
Construction:	$ 280,000,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	**$ 3,000,000**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

DWSRF
Drinking Water State Revolving Fund

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	~~2020~~ 2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	200,000					
Land Acquisition						
Construction	208,000,000					
Other						
TOTAL COST	600,000	600,000	600,000	600,000	600,000	3,000,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Treatment Plant Evaluation

LOCATION: Clearwater Way

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE: Study to see if the Treatment Plant is capable of handling the current water production demand and future demands. Assess the building itself. Determine the overall condition.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Evaluate the capacity of the Treatment Plant to ensure the existing filter system design is sufficient with the current supply and demand. The current status of the City of Ellsworth growth is putting a strain on the current filter system, the need for a fourth filter train will be needed. Current condition of the Treatment Plant is less than desirable.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ $30,000
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ 30,000

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

CIP Fund

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2020	2021	2022	2023	2024	TOTAL
Planning, Design, Engineering		$30,000				
Land Acquisition						
Construction						
Other						
TOTAL COST		$30,000				
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Dollard Hill Standpipe

LOCATION: Clearwater Way

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE: Clean the interior of the tank and install Cathodic Protection. Repairs to the tanks glass lining. This will involve taking the tank off line and installing a temporary bladder.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)Once work is complete, there should be no further work needed to this tank for many years. In theory the Cathodic protection rods should not need replacing for ten years or more.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 500,000
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ 500,000

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

CIP Fund

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST	125,000	125,000	125,000	125,000		500,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Water

CONTACT PERSON: **Reggie Winslow**

PROJECT TITLE: Scheduled Vehicle Replacement

LOCATION: Pumpstation Point

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:
New one ton four wheel drive diesel pickup truck with a 9.5 foot Fisher plow. To replace a 2012 Chevy Silverado ½ ton two wheel drive pickup truck. Diesel engines have better fuel economy by 25-30% more efficient, there is no need for ignition tune ups, and engine is more rugged, durable and will outlast a gasoline engine.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

This truck will be doing water department plowing, hauling the vac trailer, day to day operations. Will also assist the Highway Dept. on an as needed basis.

FORM OF ACQUISITION ***(check appropriate)*****:**

____X____ Purchase   _________ Lease

TOTAL ESTIMATED COST:
$ 58,000

NUMBER OF UNITS REQUESTED:

One Unit

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Purchased from the Water Dept. CIP

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ■ Replace worn-out Equipment
- ■ Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

			Prior Year's		
Item	Make	Age	Maint. Cost	Breakdowns	Rental Costs
2012	Chevrolet	8	$8000	5	$0.00

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

______X____Possible Use by other agencies   _____N/A___Trade-In   _____ N/A___Sale

*Vehicle being replaced will be given to the Highway Dept.

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2024

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Myrick St Connection

LOCATION: Myrick St & Downeast Highway

DESCRIPTION OF PROPOSED PROJECT: Connect Myrick St to Downeast highway utilizing the existing booster pumps to increase pressure on Downeast Highway.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) Life span of new Ductile Iron pipe is approximately 105 years. The existing pumps at the High St. Booster Station have a 30 year lifespan. Connecting the two water mains together will increase pressure on Downeast Highway bringing potential customers requiring more water than what is currently available.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 30,000
Land Purchase:	$
Construction:	$ 385,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ **415,000**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

CIP Funds

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST						
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: Water **CONTACT PERSON:** Reggie Winslow

PROJECT TITLE: Unidirectional Flushing

LOCATION: Pumpstation Point

DESCRIPTION OF PROPOSED PROJECT: Water main flushing system to optimize how the flushing is completed.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) Unidirectional flushing is the process of closing certain valves at different times during the process to force water in the opposite direction that it normally travels. This process is more efficient at removing tubercles from the inside of the system preventing it from reducing the inside diameter. Thus improving water quality and quantity.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$30,000
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	**$ 30,000**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2022	**2023**	**2024**	**2025**	**2026**	**TOTAL**
Planning, Design, Engineering	$30,000					$30,000
Land Acquisition						
Construction						
Other						
TOTAL COST	$30,000					$30,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Treatment Plant Renovation

LOCATION: 222 Clearwater Way

DESCRIPTION OF PROPOSED PROJECT: Current Treatment Plant condition is deteriorating, wiring, walls, floor, and doors. Current Raw Water pumps are in a confined space with potential flooding and electrocution hazards.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) Bringing the Treatment Plant up to today's standards with electrical and proper wall coverings, proper ventilation of gaseous fumes and moisture will greatly improve the useful life of this facility. Estimated life span is 50 years.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 60,000
Land Purchase:	$
Construction:	$ 1,940,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ 2,000,000

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

CIP Fund

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2022	2023	2024	2025	2026	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST	600,000	600,000	600,000	600,000	600,000	2000000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY ~~2021~~ 2022

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Skid Steer Loader

LOCATION: Clearwater Way

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:
A new high track skid steer loader.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Will be used for sludge removal, snow removal and maintenance to the spray irrigation system and Lagoon system. Potential for 15 plus years of service.

FORM OF ACQUISITION *(check appropriate)*:

__X__ Purchase   ______ Lease

TOTAL ESTIMATED COST: ~~$65,000~~ 80,000

NUMBER OF UNITS REQUESTED:
1

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ☐ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ■ Expanded Service
- ■ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Water Department CIP.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

______ Possible Use by other   Trade In   ______ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2023

DEPARTMENT: Water **CONTACT PERSON:** Reggie Winslow

PROJECT TITLE: Service Body Truck

LOCATION: Pumpstation Point

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE: Service body truck, used to carry any and all tools associated with the day to day operations, distribution maintenance and water main leaks and or repairs.

JUSTIFICATION & USEFUL LIFE:
(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) Truck should be useful for at least ten years, proposed service body will be fiberglass, truck replacement should consist of only a cab and chassis, providing it will fit the newer model truck.

FORM OF ACQUISITION *(check appropriate)*:

__X__ Purchase ______ Lease

TOTAL ESTIMATED COST:$70,000

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*
Water user fund

PURPOSE OF EXPENDITURE *(check appropriate)*:

- ■ Scheduled Replacement
- ☐ Present Equipment Obsolete
- ☐ Replace worn-out Equipment
- ■ Expanded Service
- ■ New Operation
- ☐ Increase Safety
- ■ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
2013	¾ ton Silverado	9 years	$8,000	1	

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__X__ Possible Use by other agencies ______ Sale

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2023

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Water Main Replacement

LOCATION: Church St.

DESCRIPTION OF PROPOSED PROJECT: **Replace approximately 2,000 feet of Cast Iron, lead or Leadyte joint pipe, approximately 18 lead gooseneck service lines. Possible removal of pinhole leaks in the main line and/or service lines. Sections of this water main has had several leaks. Quality of the Cast Iron pipe is on the lower end, pipe was cast during the World War II era when the better materials were being sent to production of military needs.**

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) A recent study completed by the American Water Works Association, Ductile Iron Pipe installed properly will last for 105 years.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 30,000
Land Purchase:	$
Construction:	$ 870,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	**$ 900,000**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Bond/DWSRF

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2023	2024	2025	2026	2027	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST						
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2023

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Water Main Replacement/Upgrade

LOCATION: State St.

DESCRIPTION OF PROPOSED PROJECT: Replace approximately 2,800 feet of Cast Iron, lead or Leadyte joint pipe, approximately 25 lead gooseneck service lines. Possible removal of pinhole leaks in the main line and/or service lines. This project will also include upgrading the current water main from 8 inch Cast Iron to 12 inch Ductile Iron.

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) A recent study completed by the American Water Works Association, Ductile Iron Pipe installed properly will last for 105 years.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 30,000
Land Purchase:	$
Construction:	$ 870,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	**$ 900,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Bond/DWSRF

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2023	2024	2025	2026	2027	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST						
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2024

DEPARTMENT: Water

CONTACT PERSON: Reggie Winslow

PROJECT TITLE: Water Main Replacement

LOCATION: Oak St

DESCRIPTION OF PROPOSED PROJECT: **Replace approximately 2,400 feet of Cast Iron, lead or Leadyte joint pipe, approximately 25 lead gooseneck service lines. Possible removal of pinhole leaks in the main line and/or service lines. To be done in conjunction with Oak St. road project.**

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) A recent study completed by the American Water Works Association, Ductile Iron Pipe installed properly will last for 105 years.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 30,000
Land Purchase:	$
Construction:	$ 870,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$ 900,000

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Bond/DWSRF

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2023	2024	2025	2026	2027	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST						
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2025

CONTACT PERSON: Reggie Winslow

DEPARTMENT: Water

PROJECT TITLE: Beals Ave. Main replacement

LOCATION: Beals Ave.

DESCRIPTION OF PROPOSED PROJECT: Replace approximately 1,000 feet of AC Water main (Asbestos Cement) with approximately 8 services

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Replacement of this line with Ductile Iron will last 100 years, removal of the A C pipe will improve water quality and potential of breaks and expensive testing.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $ 30,000
Land Purchase: $
Construction: $ 720,000
Equipment & Furniture: $
Other: $
Miscellaneous: $
TOTAL COST $750,000

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

DWSRF/Grant/User fee revenue

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2025	2026	2027	2028	2029	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						
TOTAL COST	$750,000					
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2025

CONTACT PERSON:
Reggie Winslow

DEPARTMENT: Water

PROJECT TITLE: Office/Shop

LOCATION: 12 Pumpstation Point

DESCRIPTION OF PROPOSED PROJECT: **Construct/renovate building at Pumpstation Point.**

JUSTIFICATION & USEFUL LIFE:
(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.) Renovate existing building, add a second floor for offices and minor storage. Existing building is deteriorating. Propose removal of outside brick wall and replace with wooded structure. Renovate interior to fit the needs of storage, workspace and vehicle parking. Add a second floor for office storage and offices.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	**$ 2,00,000**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***
User revenue.

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2025	**2026**	**2027**	**2028**	**2029**	**TOTAL**
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						2,000,000
TOTAL COST	$666,667	666,667	666,667			
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: _Wastewater______________

CONTACT PERSON: Mike Harris

PROJECT TITLE: _Collection System Upgrades_

LOCATION: __Various Locations_

DESCRIPTION OF PROPOSED PROJECT: I would like to create a fund for rehabilitating our collection system. We have several areas of our collection system that still have Cement pipe that is leaking that needs to be replaced. We also have several manholes that are in bad shape and need to be repaired or replaced. The DEP has requested that we submit a plan for mitigating the amount of flow coming to our Water St pump station due to overflows that occur there during extreme storm events.

JUSTIFICATION & USEFUL LIFE:
The City mitigated the impacts of hi inflow and infiltration to its treatment facility by building a bigger plant that can handle a much higher capacity of flow. However, we still need to address the impacts to our collection system. During extreme weather events we have seen surcharges at a couple of points in our collection system that have overflows from manholes. The DEP is aware of this and has now requested that we submit a plan to resolve the surcharge issue at the Water St. pump station. New Technologies such as slip lining and pipe bursting offer more economical and less disruptive effects than open trench digging in the road.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$ 150,000
Equipment & Furniture:	$
Other:	$
Miscellaneous:	$
TOTAL COST	$

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Wastewater Department Revenue

PITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2020	2	2024	TOTAL
Planning, Design, Engineering				
Land Acquisition				

Construction	30,000	30,000	30,000	30,000	30,000	
Other						
TOTAL COST	30,000	30,000	30,000	30,000	30,000	
Maintenance & Operation Costs						

Michael Harris

From: Matt Timberlake <matt@tedberrycompany.com>
Sent: Wednesday, January 30, 2019 8:35 AM
To: Michael Harris
Cc: Shawn Ready
Subject: Ellsworth / Ted Berry Company

Attention: This e-mail message is from an external source. Please do not open attachments or click links from an unknown or suspicious origin.

Mike,

Good to catch up the other day. We have gone back through what we had and I had shared some budgetary information with Reggie based on his request in August 2018 that was a follow up from your request. Regardless here we go.

The two primary technologies we discussed over the last few years were.

1. **UV GRP:** This is a fully trenchless technology where we would reline the existing pipe with a GRP (glass fiber reinforced liner) cured with a UV (ultraviolet light) and it would end with a relined pipe. The service connections are either robotically reinstated or in some cases need to be excavated and reconnected with new pipe connection if they are damaged enough that they cannot be reinstated robotically.
2. **Pipebursting:** This is a semi-trenchless (we often call it less-trench) technology where we would need to excavate a few pits to insert a new pipe and reconnect services. The newly installed pipe is a fused HDPE (high density polyethylene) that can be either the same size as the existing pipe or a size or two larger and is the only trenchless technology that allows us to increase the pipe size without excavating the entire pipe. Usually between 5-10% of the total length of the pipe is excavated for this technology.

In regards to budget prices the following are pretty safe.

UV GRP for sizes 6"-10"

- Lining +- $55/lf
- Service reconnections +-$250.00/each
- By-pass pumping, traffic control, cleaning, and inspection +- $1,500/per line segment (typically 300')

Pipe bursting for sizes 6"-10" will typically run 75-80% of the cost of open cut excavation. So if you had a 1,000' that open cut estimate was $200,000 on the pipe bursting estimate would be $150,000-$160,000.

- Excavation and pits
- Pipe and fusion
- Installation by pipe bursting
- Restoration
- By-pass pumping, traffic control, cleaning, and inspection

Matt Timberlake
President
Ted Berry Company Inc.
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Cell (207) 754-4282
www.tedberrycompany.com

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Invoice	INV0099192
Invoice Date	11/30/2018
Ship Date	11/30/2018
Order Date	11/29/2018
Customer PO	190196

Sold To: Ellsworth Wastewater Dept.
1 City Hall Plaza
Ellsworth ME 04605

Ship To: Ellsworth Wastewater Dept.
333 Water St.
Ellsworth ME 04605

Customer Number	Order Method	Job Location	Job Name	Territory Manager
ELLW1	Ordered by Rob			Steve Clements

Terms	Freight	Shipping Method	Master Number
NET 30	Customer	Severance	286858

Item Number	Description	Ordered	Shipped	Backord	Price	Extension
MHFC2404S	24" X 4" Manhole Frame & Cover Sewer	1	1		$178.60	$178.60
MHFC2606SS	26" X 6" Manhole Frame & Cover Sewer	1	1		$288.60	$288.60
Additional Charges	Freight: 02432129					$100.00
Order Taken By:	Travis Merrill					

RECEIVED
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By___

Merchandise	$467.20
Other Charges	$100.00
Tax	$0.00
Total Due	$567.20

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Invoice

1

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: _Wastewater_____________ **CONTACT PERSON:** Mike Harris

PROJECT TITLE: _Shore Rd Generator_

LOCATION: __Various Locations_

DESCRIPTION OF PROPOSED PROJECT: The stand by generator at the Shore rd Pump Station is the oldest one we have and the only one we have not replaced.

JUSTIFICATION & USEFUL LIFE:
The generator at the Shore Rd Pump station was manufactured by a company called Allison Chalmers they are no longer in the generator business. Factory replacement parts are no longer available only aftermarket parts are available. We have gotten more than our money's worth out of the unit and stretching that asset until there is a major problem is not in our best interest.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$ 30,000
Other:	$
Miscellaneous:	$
TOTAL COST	$

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Wastewater Department Revenue

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other	30,000					
TOTAL COST	30,000					

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY ~~2019~~ 2021

DEPARTMENT: _Wastewater

CONTACT PERSON: Mike Harris

PROJECT TITLE: _Septage transfer pump project

LOCATION: __Various Locations_

DESCRIPTION OF PROPOSED PROJECT: Installing permanent septage transfer pumps

JUSTIFICATION & USEFUL LIFE:
We currently transfer septage from our septic tank to our sludge storage tank with a 4" gas powered pump. It requires our employees to physically move and hook up the pump on a daily basis. It also requires lay flat hose to be run across the ground and then rolled up and put away especially in the winter. We have to spend labor on a regular basis to move it, hookup the hoses and fueling it up. The lay flat hose requires patching and or replacement when it leaks. We have spent thousands of dollars on replacement parts to keep the pump operating. Installing electric pumps that are integrated into the SCADA computer system that can run automatically would eliminate the manpower and materials necessary to operate a less efficient pump.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$ 75,000
Other:	$
Miscellaneous:	$
TOTAL COST	**$**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Wastewater Department Revenue

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2019	2020	2021	2022	2023	TOTAL
[illegible]anning, Design, [illegible]ngineering						
Land Acquisition						
Construction						
Other						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: _Wastewater_______________

CONTACT PERSON: Mike Harris

PROJECT TITLE: _Upgrade the High St Pump station

LOCATION: __Various Locations_

DESCRIPTION OF PROPOSED PROJECT: The High St pump station is our oldest station and will face more increases in flow due to development than any other station me have.

JUSTIFICATION & USEFUL LIFE:
The High Street station is our oldest station and the most critical in the heart of our business district. With the additional flow from Jackson Lab as well as 48 apartments, behind global beverage the pressure on the station is increasing. There is also some speculation that another big development may happen across form Jackson Lab and next to Darling, which can only increases the pressure on the station. It is only going to face more increases in flow and is already at the top end of its capacity.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 50,000
Land Purchase:	$
Construction:	$ 50,000
Equipment & Furniture:	$ 200,000
Other:	$
Miscellaneous:	$
TOTAL COST	$

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Wastewater Department Revenue
Grants and low interest loans
Possibly create a Tif District

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2020	2021	2022	2023	2024	TOTAL
Planning, Design, Engineering			50,000			
Land Acquisition						
Construction			50,000			
Other			200,000			

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2022

DEPARTMENT: _Wastewater______________

CONTACT PERSON: Mike Harris

PROJECT TITLE: _Major Service on Centrifuge

LOCATION: _Main Plant Dewatering Bldg._

DESCRIPTION OF PROPOSED PROJECT: The centrifuge needs to be maintained, on a consistent basis, as it is a critical piece of equipment with no back up.

JUSTIFICATION & USEFUL LIFE:
We just had a major service that cost approximately 22,000 and so 3 years from now we should have another one.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$
Land Purchase:	$
Construction:	$
Equipment & Furniture:	$
Other:	$ 25.000
Miscellaneous:	$
TOTAL COST	**$ 25,000**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Wastewater Department Revenue

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2020	2021	2022	2023	2024	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other		25,000				
TOTAL COST		25,000				

16-10

Total Cost for Service
$24,426

GEA engineering for a better world

Invoice No.	Date
8586507806	05/17/2018
Your reference No.	Date
PO# 18001438	04/30/2018
Order No.	Date
1654.922.021	05/11/2018

GEA Mechanical Equipment US, inc.
GEA Westfalia Separator Division 100 Fairway Court · Northvale, NJ 07647

City of Ellsworth WWTF
1 City Hall Plaza
Ellsworth ME 04605
Attn: Accounts Payable

Customer number
14212051

Co-ordinator
Tiffany Zagari
Tiffany.Zagari@gea.com

Invoice

Receiver of goods
City of Ellsworth WWTF
PO# 18001438 add on part
Michael Harris / 2076677315
86 Bayside Road
Ellsworth ME 04605

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MAY 29 2018
By________

Terms of delivery INCOTERMS 2010
EXW Ex Works Naperville
Terms of payment (currency: USD)
30 days

MAJOR SERVICE
FRED MARCHAK
SN: 8007-298 / UCD 345-00-32
APRIL 30 - MAY 5, 2018

GEA Mechanical Equipment US, inc.
GEA Westfalia Separator Division

100 Fairway Court, Northvale, New Jersey 07647-0178, USA
Phone +201 767 3900, Fax +201 767 3901
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City of Ellsworth WWTF
1 City Hall Plaza
Ellsworth ME 04605

Invoice No. 8586507806
Date 05/17/2018
Your reference No.
Date 04/30/2018
PO# 18001438

Item	Component Description	Qty	UQ	Gross (USD)	Discount (%)	Net (USD)	Tax (USD)	Price (USD
000003	0004-2214-780 GASKET Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	25.83		25.83	No	25.83
000006	0021-3227-020 SET OF COUPLING COMPONENTS Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	166.27		166.27	No	166.27
000009	0021-3222-810 SET OF NARROW V-BELTS Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	196.02		196.02	No	196.02
000012	0021-3223-810 SET OF NARROW V-BELTS Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	254.62		254.62	No	254.62
000015	0007-1945-750 GASKET Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	2.00	PC	9.13		9.13	No	18.26
000018	0004-3023-850 SHAFT SEALING RING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	3.00	PC	493.87		493.87	No	1,481.61
000021	0007-2648-750 GASKET Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	31.99		31.99	No	31.99
000024	0007-2482-750 GASKET Order 1654922021 from 11.05.2018	1.00	PC	11.12		11.12	No	11.12

GEA Mechanical Equipment US, inc.
GEA Westfalia Separator Division

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We Accept MasterCard, Visa and American Express
Interest of 1.5% per month (18% annually) will be added to all past due accounts. No merchandise is to be returned without written authorization.

Remit Checks to: GEA ME US - Westfalia Separator - P.O.Box 13370, Newark, NJ 07101-3362

GEA engineering for a better world

City of Ellsworth WWTF
1 City Hall Plaza
Ellsworth ME 04605

Invoice No.	Date
8586507806	05/17/2018
Your reference No.	Date
	04/30/2018
PO# 18001438	

Item	Component Description	Qty	UQ	Gross (USD)	Discount (%)	Net (USD)	Tax (USD)	Price (USD
	Order PO# 18001438 from 30.04.2018							
000027	0007-1997-750 GASKET Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	4.00	PC	15.61		15.61	No	62.44
000030	0004-3163-850 SHAFT SEALING RING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	2.00	PC	672.37		672.37	No	1,344.74
000033	0004-3177-768 PACKING CORD Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	2.00	M	56.86		56.86	No	113.72
000036	0007-3219-750 GASKET Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	67.16		67.16	No	67.16
000039	0007-2624-750 GASKET Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	39.32		39.32	No	39.32
000042	0004-3164-850 SHAFT SEALING RING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	992.85		992.85	No	992.85
000045	0026-5874-300 SECURING RING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	108.95		108.95	No	108.95

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City of Ellsworth WWTF
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Ellsworth ME 04605

Invoice No. 8586507806
Date 05/17/2018
Your reference No.
Date 04/30/2018
PO# 18001438

Item	Component Description	Qty	UQ	Gross (USD)	Discount (%)	Net (USD)	Tax (USD)	Price (USD
000048	0011-3214-470 ANGULAR CONTACT BALL BEARING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	737.29		737.29	No	737.29
000051	0004-3020-300 NILOS GASKET Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	2.00	PC	161.77		161.77	No	323.54
000054	0011-1019-190 CYLINDRICAL ROLLER BEARING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	1,221.34		1,221.34	No	1,221.34
000057	0011-6019-400 GROOVED BALL BEARING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	742.83		742.83	No	742.83
000060	0015-0124-000 HIGH PRESSURE GREASE Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	5.00	PC	43.06		43.06	No	215.30
000063	0015-0124-000 HIGH PRESSURE GREASE Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	5.00	PC	43.06		43.06	No	215.30
000066	0005-1646-130 VIBRATION PICK-UP Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	2,960.20		2,960.20	No	2,960.20
000069	0005-1646-100 CONNECTION CABLE Order 1654922021 from 11.05.2018	1.00	PC	596.90		596.90	No	596.90

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1 City Hall Plaza
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Invoice No. 8586507806 **Date** 05/17/2018
Your reference No. **Date** 04/30/2018
PO# 18001438

Item	Component Description	Qty	UQ	Gross (USD)	Discount (%)	Net (USD)	Tax (USD)	Price (USD
	Order PO# 18001438 from 30.04.2018							
000072	0005-1226-040 RESISTANCE FEELER Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	638.27		638.27	No	638.27
000075	8405-6493-020 BUSHING Order 1654922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	2.00	PC	482.00		482.00	No	964.00
000076	9300-0002-120 TRAVEL MON.-FRI. Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	10.50	PC	100.00		100.00	No	1,050.00
000077	9300-0002-900 Service - Working Hours Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	8.00	PC	155.00		155.00	No	1,240.00
000078	9300-0002-241 LABOUR OT MON.-FRI. Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	210.00		210.00	No	210.00
000079	9300-0002-900 Service - Working Hours Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	8.00	PC	155.00		155.00	No	1,240.00
000080	9300-0002-241 LABOUR OT MON.-FRI. Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	210.00		210.00	No	210.00

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City of Ellsworth WWTF
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Ellsworth ME 04605

Invoice No.	Date
8586507806	05/17/2018
Your reference No.	Date
PO# 18001438	04/30/2018

Item	Component Description	Qty	UO	Gross (USD)	Discount (%)	Net (USD)	Tax (USD)	Price (USD
000081	9300-0002-900 Service - Working Hours Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	8.00	PC	155.00		155.00	No	1,240.00
000082	9300-0002-120 TRAVEL MON.-FRI. Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	7.00	PC	100.00		100.00	No	700.00
000083	9300-0002-120 TRAVEL MON.-FRI. Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	3.00	PC	100.00		100.00	No	300.00
000084	9300-0002-156 ACCOMMODATION Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	687.45		687.45	No	687.45
000085	9300-0002-155 MILEAGE Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	802.00	MI	0.54		0.54	No	433.08
000086	9300-0002-309 PARKING & TOLLS Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	7.85		7.85	No	7.85
000087	9300-0002-153 MEALS Order 1655922021 from 11.05.2018 Order PO# 18001438 from 30.04.2018	1.00	PC	285.00		285.00	No	285.00
000088	9300-0002-202 Invoicing of freight acc. to expenditure Order 1652922021 from 25.04.2018	1.00	PC	232.52		232.52	12.79	232.52

Delivery Note 62752221 from 25.04.2018

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GEA engineering for a better world

City of Ellsworth WWTF
1 City Hall Plaza
Ellsworth ME 04605

Invoice No.	Date
8586507806	05/17/2018
Your reference No.	**Date**
PO# 18001438	04/30/2018

Item	Component Description	Qty	UQ	Gross (USD)	Discount (%)	Net (USD)	Tax (USD)	Price (USD
	Order PO# 18001438 from 30.04.2018							
000091	9300-0002-202	1.00	PC	113.71		113.71	6.25	113.71
	Invoicing of freight acc. to expenditure							
	Order 1652922021 from 25.04.2018			Delivery Note 62754878 from 02.05.2018				
	Order PO# 18001438 from 30.04.2018							

Sum of items:	21,479.48 USD
Total Tax:	19.04 USD
Sum total	**21,498.52 USD**

Tax exempt

21,479.48

Thank you for your Business and continued confidence in GEA Westfalia Separator

In an effort to improve our products, services and operations we will be inviting you to participate in an online customer satisfaction survey. We hope that you will take a few minutes to fill out the survey and provide important feedback concerning your recent experience with our company.

We Accept MasterCard, Visa and American Express.
Credit Card Payments are accepted in USD only and may be made at:
https://heartlandpaymentservices.net/PaymentPortal/GEAWestfaliaSeparator

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Michael Harris

From: Richmond, Michael <Michael.Richmond@gea.com>
ent: Tuesday, May 1, 2018 12:32 PM
To: Michael Harris
Subject: Wear Liners

Attention: This e-mail message is from an external source. Please do not open attachments or click links from an unknown or suspicious origin.

Mike,
The price of a set of wear liners P/N 8405-6065-150 is $2,947.24
I am in touch with the repair department about a rental scroll and an estimate of how much it would cost to repair your scroll.
They should be emailing you soon.

Best regards

Michael Richmond

Phone +1 201-784-4354, Fax +1 201-564-3108
For emergency 24/7 service call 800 509-9299
/ichael.Richmond@gea.com
www.gea.com

We live our values.
Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA Mechanical Equipment US, Inc.
100 Fairway Court, Northvale, NJ 07647
State of Incorporation: Delaware
President: Michael J. Vick

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2023

DEPARTMENT: _Wastewater_______________ **CONTACT PERSON:** Mike Harris

PROJECT TITLE: _Dewatering System Upgrade

LOCATION: _Main Plant Dewatering Bldg._

DESCRIPTION OF PROPOSED PROJECT: I would prefer to have a second centrifuge available to bring in to service when one breaks down or needs major maintenance. If that cannot happen, we at least need to increase the amount of product we can dewater with a larger capacity Centrifuge.

JUSTIFICATION & USEFUL LIFE:
The hauled sludge and septage volume and revenue has increased every year since we opened the plant. The revenue the first full year of operation the revenue projection was at $10,000 and we ended up at $50,000. For the 2019 Fiscal year we generated just under $300,000 in revenue. We have become a regional resource for 5 treatment plants in taking their waste sludge and also for several local septage companies. We have had multiple days this year where we had to stay overtime to make room for the next day of trucks. With the DEP and EPA restricting plants from land applying sludge due to contamination issues the market may continue to grow. Even if it does not it would be a short payback for an upgrade.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 50,000
Land Purchase:	$
Construction:	$ 325,000
Equipment & Furniture:	$ 500,000
Other:	$ 25.000
Miscellaneous:	$
TOTAL COST	**$ 1000,000**

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Wastewater Department Revenue & Grant Funds

16-19

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2020	2021	2022	2023	2024	TOTAL

Septage Revenues

Fiscal Year	Total Revenues	
FY 13	2,532.98	
FY 14	49,152.28	
FY 15	84,281.00	
FY 16	165,015.14	
FY 17	191,470.10	
FY 18	241,248.38	
FY 19	292,285.95	
FY 20	203,911.96	(thru 12/31/19)

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2024

DEPARTMENT: _Wastewater______________ **CONTACT PERSON:** Mike Harris

PROJECT TITLE: _4 Wheel Drive ½ ton Pickup

LOCATION: __Various Locations_

DESCRIPTION OF PROPOSED PROJECT: This would be replacing our 2013 service truck.

JUSTIFICATION & USEFUL LIFE:
The 2013 truck is a two-wheel drive 6 cylinder and it is not a good fit for our Department. Even with studded snow tires and weight in the bed, it is awful in the snow. I believe jeopardizes the health and safety of our employees during the winter months and has an adverse impact on our productivity. We are required to operate during winter conditions and 4 wheel drive vehicles are necessary to put are employees in the safest position to do there jobs.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $________________
Land Purchase: $________________
Construction: $________________
Equipment & Furniture: $ ___30,000________
Other: $________________
Miscellaneous: $________________
TOTAL COST $________________

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

Wastewater Department Revenue

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2020	2021	2022	2023	2024	TOTAL
Planning, Design, Engineering						
nd Acquisition						
Construction						
Other				30,000		
TOTAL COST				30,000		

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2025

DEPARTMENT: _Wastewater______________ **CONTACT PERSON:** Mike Harris

PROJECT TITLE: _Influent Band Screen

LOCATION: _Plant Headworks Building_

DESCRIPTION OF PROPOSED PROJECT: When we built the new plant we left a space to add a redundant band screen due to budget restriction

JUSTIFICATION & USEFUL LIFE:
Currently we have a manual bar rack when we have to bypass the band screen. This reduces the screening of material by approximately 80%. This allows many harmful materials into the rest of the plant.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering:	$ 20,000
Land Purchase:	$
Construction:	$ 30,000
Equipment & Furniture:	$ 170,000
Other:	$
Miscellaneous:	$
TOTAL COST	**$ 2200,000**

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

Wastewater Department Revenue
Grants and low interest loans

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2020	2021	2022	2023	2024	TOTAL
Planning, Design, Engineering						
Land Acquisition						
Construction						
Other						

Global Headquarters
2850 S. Red Hill Ave, Suite 125
Santa Ana, CA 92705, USA
phone (949) 833-3888
toll-free (800) 331-2277
fax (949) 833-8858
jwce@jwce.com

JWC Environmental®
Trust Monster Quality™

BUDGET INFORMATION MSS PRODUCT LINE

DATE: 1/29/2019
PROJECT: Ellsworth, ME
Number of screens: 1

Thank you for choosing JWCE's screening equipment. Enclosed you will find a specification, drawing, and flow curves based on the design parameters listed below. Please advise JWCE if any of the information below changes. The estimated performance below is based on the listed downstream flow parameters as provided to us while the equipment is operating. Any changes to these conditions will affect the overall head drop across the screen.

Model:	**MBS (Monster® Band Screen)**
Channel Width, approach:	36.00 inches
Channel Width, recess (if applicable):	42.00 inches
Channel Width, downstream:	36.00 inches
Channel Depth:	60.00 inches
Top of channel to operating floor:	0.00 feet
Discharge Height:	48.00 inches
Screen Panel Width:	60 inches
Screen Panel Perforation Diameter:	2 mm
Screen Bottom Panel Style:	4 Panels
Chain Pitch:	8"
Waste Fluid Type:	Domestic Waste Water
Amount of vertical screen recessing:	None (standard installation configured)
Minimum Flow:	3 MGD
Water level downstream at minimum flow:	8.00 inches
Average Flow:	4 MGD
Water level downstream at average flow:	9.00 inches
Peak Flow:	6.1 MGD
Water level downstream at peak flow:	12.00 inches

Peak Flow Hydraulic Performance Summary (refer to attached flow curves for full performance)

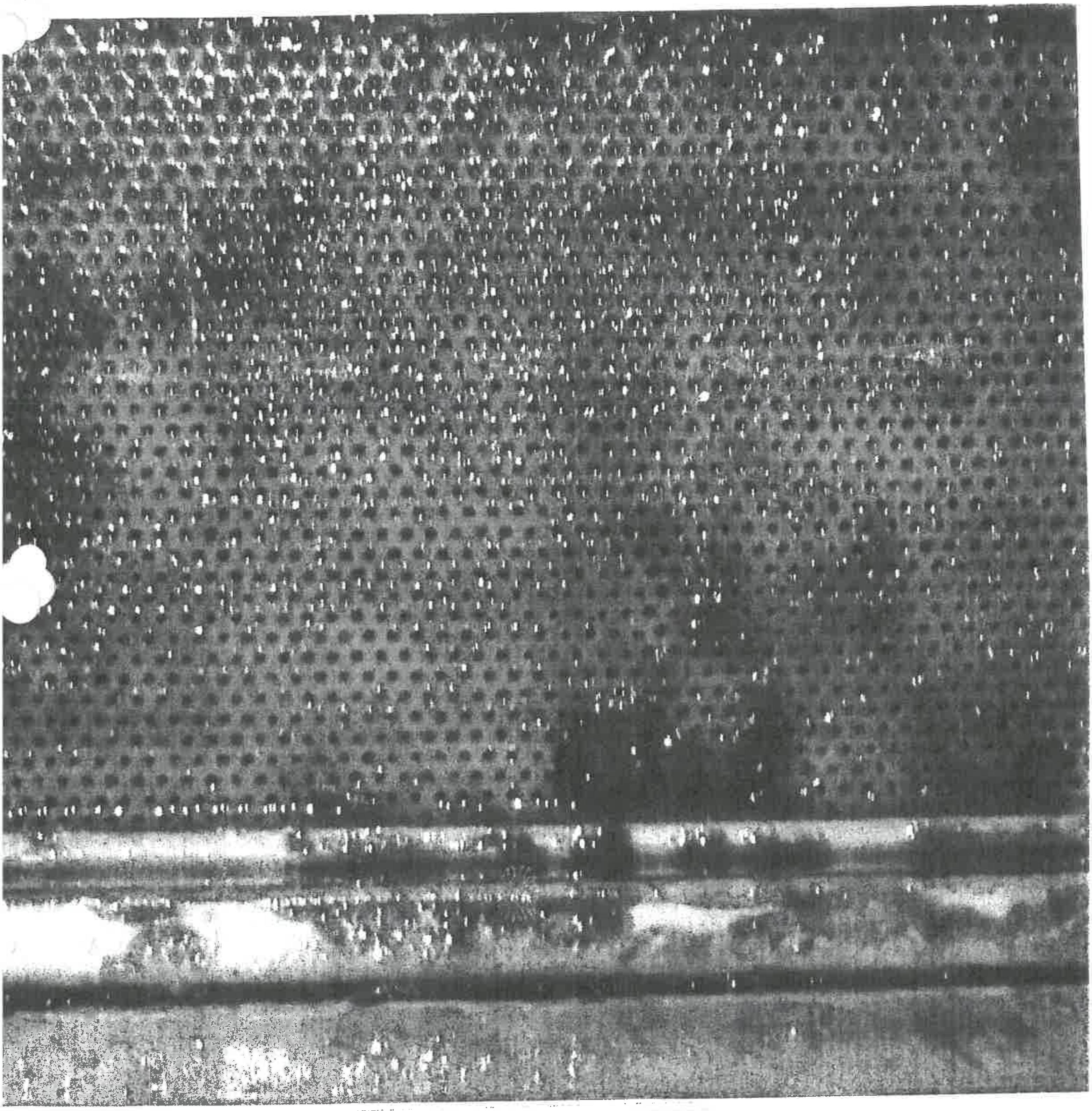
Head drop at 0% blinding:	18.53 inches at peak flow
Water Level upstream at 0% blinding:	30.53 inches at peak flow
Head drop at 50% blinding:	24.97 inches at peak flow
Water Level upstream at 50% blinding:	36.97 inches at peak flow
Head drop at 30% blinding:	21.20 inches at peak flow
Water Level upstream at 30% blinding:	33.20 inches at peak flow
Weight:	4,400 lbs
Material:	304L SST

BUDGET PRICE PER SCREEN	$165,000
TARIFF SURCHARGE	$4,889
TOTAL BUDGET PRICE FOR ALL EQUIPMENT	$169,889

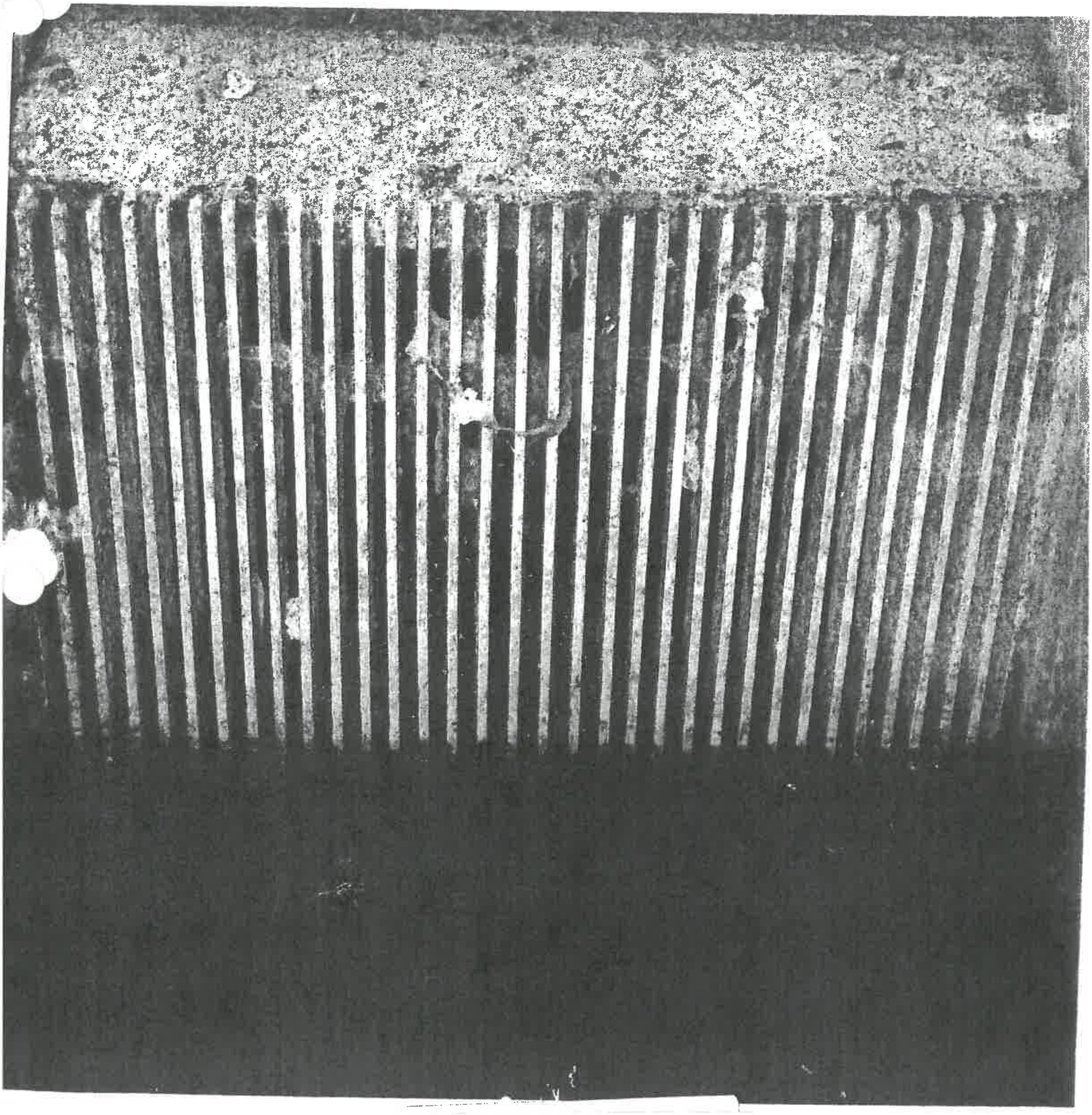
(Freight and Service included)

Note: The Information above is preliminary and not intended to be used for construction.

Band Screen openings



Bar Rack Openings



City [illegible]sworth
5 Year Capit[illegible]provement Plan
FY 2021 - FY 2025

Project Name	2021	2022	2023	2024	2025	Total 5 Year Request
Transportation Improvement (Section 17)						
Transportation Improvement Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Traffic Signal Engineering	15,000	15,000	10,000	10,000	10,000	60,000
Traffic Camera Replacement	60,000	45,000	45,000	15,000	15,000	180,000
Total Road Infrastructure	**1,575,000**	**1,560,000**	**1,555,000**	**1,525,000**	**1,525,000**	**7,740,000**

Local Road Budget Request

Per Local Roads Committee reccomendation
Request $1,500,000 for FY 2021

Project List (see attached)	$1,031,286.20	
Reserve account for MPI Grant Match (Christian Ridge Rd)	$250,000	($250,000 for 2 years to get total $500,000 match needed)
Additional/Expanded work program (to be determined)	$218,713.80	
Total	$1,500,000.00	

FY 2021 ROADWAY/LOCATION

Gary Moore Rd- overlay Northeast cove way to 180

2500 x 24 =	60,000					
Shim	100 tn	x	$	82.00	=	$8,200.00
1.75" of 12.5mm Surface	645 tn	x	$	71.40	=	$46,053.00
Butt Joints	45 sy	x	$	14.00	=	$630.00
Driveway Lips	10 tn	x	$	143.00	=	$1,430.00
				Total Road Project:		**$56,313.00**

Happy town : pavement change (pole 24) to 332 Happy Town rd

2500 x 22	55,000 sf					
Reclaim	6,112 sy	x	$	1.25	=	$7,640.00
Fine Grade	6,112 sy	x	$	0.45	=	$2,750.40
4" of 12.5mm	1,345 tn	x	$	71.40	=	$96,033.00
Butt Joints	30 sy	x	$	14.00	=	$420.00
Driveway Lips	10 tn	x	$	143.00	=	$1,430.00
				Total Road Project:		**$108,273.40**

Grant st : approx 210 Grant st to 94 grant st

2500 x 22	55,000 sf					
Reclaim	6,112 sy	x	$	1.25	=	$7,640.00
Fine Grade	6,112 sy	x	$	0.45	=	$2,750.40
4" of 12.5mm	1,345 tn	x	$	71.40	=	$96,033.00
Butt Joints	30 sy	x	$	14.00	=	$420.00
Driveway Lips	20 tn	x	$	143.00	=	$2,860.00
				Total Road Project:		**$109,703.40**

Lakes Lane

1570 x 22	34,540 sf					
Reclaim	3,838 sy	x	$	1.25	=	$4,797.50
Fine Grade	3,838 sy	x	$	0.45	=	$1,727.10
1.5" of 9.5mm Surface	317 tn	x	$	78.00	=	$24,726.00
2" of 12.5 mm base	422 tn	x	$	71.40	=	$30,130.80
Butt Joints	15 sy	x	$	14.00	=	$210.00
Driveway Lips	25 tn	x	$	143.00	=	$3,575.00
				Total Road Project:		**$65,166.40**

Chapel St						
900 x 22 =	19,800 sf					
Shim	50 tn	x	$	82.00	=	$4,100.00
1.5" of 9.5mm Surface	182 tn	x	$	78.00	=	$14,196.00
Butt Joints	54 sy	x	$	14.00	=	$756.00
Driveway Lips/approaches	15 tn	x	$	143.00	=	$2,145.00
				Total Road Project:		**$21,197.00**
Gary Moore Pave Hill						
800 x 24	19,200 sf					
2- 2" lifts of 12.5mm	470 tn		$	71.40	=	**$33,558.00**
Sunset Park Approach						
150 x 24 - 75 ft at rte 180	4,380 sf					
2- 1.5" lifts of 12.5 mm	80 tn		$	71.40	=	$5,712.00
prep / grade for pavement	4,380 sf		$	1.50		$6,570.00
				Total Road Project:		**$12,282.00**

Overhead signage - signal arms/spans	**total project**	**$15,000.00**
Drainage upgrade projects/bulk culverts	**Total project**	**$50,000.00**
MPI Grant Engineering	**Total project**	**$85,000.00**
Crack treatment - Beechland and 3 miles of Red Bridge	**Total project**	**$23,000.00**
Scoping for Oak St / Engineering for Downstream Drainage	**Total Project**	**$85,000.00**
Inspection/ engineering for construction -Water St drainage project	**Total Project**	**$10,000.00**

GRAND TOTAL FOR 2020/2021 Work **$674,493.20**

Additional Items :

Oak St - Overlay ***

2000 ft x 24 ft	48,000 sf					
1.0" of 9.5mm Surface	294 tn	x	$	92.00	=	$27,048.00
hand place/ approaches	40 tn	x	$	235.00	=	$9,400.00
Shim /shoulders	240 tn	x	$	108.00	=	$25,920.00
Butt Joints	420 sy	x	$	20.00	=	$8,400.00
Driveway Lips	15 tn	x	$	235.00	=	$3,525.00
Traffic Control/night work	1 LS	x	$	7,500.00		$7,500.00
				Total Road Project:		**$81,793.00**

*****NIGHT WORK *** used lanes prices as wellman does not do night work**

Project Contingency -roughly 10% of work plan — $75,000.00

Others : Engineering , Traffic Signal , Emergencies , Gravel Purchase , etc — $200,000

New Grand Total **$1,031,286.20**

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY 2021

DEPARTMENT: Information Technology_____ **CONTACT PERSON:** Jason Ingalls

PROJECT TITLE: _Traffic Signal Engineering____

LOCATION: Ellsworth

DESCRIPTION OF PROPOSED PROJECT:

Engineering services for traffic signal performance

JUSTIFICATION & USEFUL LIFE:

(Projects will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

Annual review of traffic signal performance and vehicle volume are a vital part of a well performing traffic signal system. This project will allocate funds on an annual basis to be used to develop seasonal and/or demand based timing plans for traffic signals throughout the city.

TOTAL ESTIMATED COSTS:

Planning, Design, Engineering: $________

Land Purchase: $________

Construction: $________

Equipment & Furniture: $________

Other: $________

Miscellaneous: $________

TOTAL COST $________

PROPOSED FINANCING: ***Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.***

$15,000 in FY2021 from General Taxation

$15,000 in FY 2022

$10,000 in FY 2023, 2024, & 2025

CAPITAL IMPROVEMENT PROJECT/PURCHASE COST PER YEAR

	2021	2022	2023	2024	2025	TOTAL
Planning, Design, Engineering	15,000	15,000	10,000	10,000	10,000	$60,000
Land Acquisition						
Construction						
Other						
TOTAL COST						$60,000
Maintenance & Operation Costs						

CITY OF ELLSWORTH
CAPITAL IMPROVEMENT EQUIPMENT REQUEST FORM
FY 2021

DEPARTMENT: Information Technology

CONTACT PERSON: Jason Ingalls

PROJECT TITLE: __Traffic Camera__________

LOCATION: ___Ellsworth__________

DESCRIPTION OF PROPOSED EQUIPMENT PURCHASE:

Aldis Gridsmart 360 Traffic Signal Detection Camera

JUSTIFICATION & USEFUL LIFE:

(Purchases will be evaluated based on one or more of the following criteria: Public Health & Safety, External Requirements, Technology, Percent of Population Served, Economic Development, Impacts on Operating Budget, Expected Life of Improvement, Availability of Financing, Relationship to Adopted Plans, Intensity of Use, Scheduling, Benefit/Cost, Special Needs, Timeliness, and Public Support. Please be sure to address any of these as applicable.)

As our Traffic Signal in-ground detection loops have been failing we have been replacing those loops with cameras. The cameras provide us with reliable vehicle detection and also provide data that is useful for traffic signal timing. The cameras have an estimated life of around 10 years. I am requesting funds to install a new camera at Main St @ High St and upgrade our two oldest cameras that are end of life.

FORM OF ACQUISITION ***(check appropriate)*****:**

___X_____ Purchase ________ Lease

TOTAL ESTIMATED COST: Annual Expense

NUMBER OF UNITS REQUESTED:

PROPOSED FINANCING: *Please describe how the proposed project will be funded. Some options may be General Tax Revenue, User Fee Revenue, General Obligation Bonds, Reserve Funds, Special Assessments, Grant Proceeds, etc.*

$60,000 in FY 2021 from General Tax Revenue.

$45,000 in FY 2022 & 2023

$15,000 in FY 2024 & 2025

PURPOSE OF EXPENDITURE ***(check appropriate)*****:**

- X Scheduled Replacement
- X Present Equipment Obsolete
- X Replace worn-out Equipment
- X Expanded Service
- ☐ New Operation
- ☐ Increase Safety
- ☐ Improve Procedures, records, etc.

REPLACED ITEMS:

Item	Make	Age	Prior Year's Maint. Cost	Prior Year's Breakdowns	Prior Year's Rental Costs
Camera High St @ Merrill	Gridsmart	10			
Camera Downeast Myrick	Gridsmart	10			

RECOMMENDED DISPOSITION OF REPLACEMENT ITEMS(S):

__________Possible Use by other agencies __________Trade-In __________