

2021 – 2030

Capital Improvement Plan

A Master Plan Implementation Program



Recommended by New Durham Advisory Capital Improvements Plan Committee

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INTRODUCTION

A Capital Improvement Program (CIP) is not required by law. RSA 674:5 states: “The sole purpose and effect of the capital improvement program shall be to aid the mayor or selectmen and the budget committee in their consideration of the annual budget.”

According to RSA 674:6 Purpose and Description, “The capital improvements program shall classify projects according to the urgency and need for realization and shall recommend a time sequence for their implementation. The program may also contain the estimated cost of each project and indicate probable operating and maintenance costs and probable revenues, if any, as well as existing sources of funds or the need for additional sources of funds for the implementation and operation of each project. The program shall be based on information submitted by the departments and agencies of the municipality and shall take into account public facility needs indicated by the prospective development shown in the master plan of the municipality or as permitted by other municipal land use controls.”

During the March 2007 Town Meeting, the New Durham Advisory Capital Improvement Plan Committee (ACIPC) was approved by the Legislative Body. Warrant Article 25 states: “To see if the Town will vote to approve the formation of an Advisory Capital Improvements Plan Committee to be composed of one (1) Planning Board member, one (1) Budget Committee member, one (1) Selectman, and two (2) at-large members to be appointed by the Board of Selectmen. The charge of such a committee will be to assist the Planning Board with capital planning per RSA 674:5 through 7, and to review annually the adopted Capital Improvement Plan and to make such annual recommendations as they deem necessary, following departmental reviews, to the Planning Board to maintain effective municipal fiscal planning and community vitality of assets.”

A Capital Improvement Program (CIP) is a critical tool to implement the Town’s Master Plan. It is also a useful tool in anticipating future large costs to the Town and planning ahead for those costs. A CIP is not financially driven. Requests are rated based on the town’s needs. It is a legal prerequisite for other land use activities such as impact fees. The Town of New Durham continues to use a 10-year and/or \$ 10,000 threshold for considering requests.

The ACIPC is responsible for identifying required construction projects or to purchase needed capital facilities and/or equipment consistent with the continued growth and development of the Town. It should reflect the vision of the town’s Master Plan. The CIP identifies anticipated needs, ascertains project cost estimates and identifies possible funding sources. The program is updated annually by the ACIPC. It is submitted to the Planning Board for their review and to the Board of Selectmen (BOS) and Budget Committee to assist in the preparation of the annual town budget which is prepared for the residents’ consideration and approval.

For the last five years, the ACIPC process has been to review the previous year’s CIP report, receive updates from the Town Administrator regarding which recommended projects the Board of Selectmen decided to move forward on, and meet with Department Heads, Committee Chairs and other Town Officials regarding their short and long-term capital needs. All presenters update the ACIPC on the status of capital projects and purchases, and identify how their request(s) ties into the Master Plan “Opportunities For Excellence 2025”, approved by the New Durham Planning Board June 26, 2017. This year, the ACIPC also reviewed information from the draft Town Buildings and Facilities Space Needs.

Once all requests have been discussed, each member of the ACIPC independently applies a score, ranging from 1 to 6, to each request. The Town Administrator combines the Committee Member's scores and produces a final score for each item. The Committee Members review the scores and identify recommended funding levels. This year the ACIPC is again recommending the Capital Reserve Funds (CRF) and Expendable Trust Funds (ETF) be funded at the level indicated in order to ensure sufficient funds for future expenditures.

CAPITAL IMPROVEMENTS

WHAT ARE CAPITAL IMPROVEMENTS?

Capital Improvements are items with a high cost and a useful life of several years. Capital Improvements are frequently identified as the "*bricks and mortar*" of the Town. They include infrastructure projects such as replacement vehicles, street repairs and improvements, land acquisition for future municipal use, and buildings (both new and renovations and/or repairs). They also include architectural and engineering studies to determine future town needs, and major one-time acquisitions of equipment.

Since the first CIP report in 2008, the capital cost base has been maintained at \$10,000 with few exceptions.

CAPITAL EQUIPMENT LIFE EXPECTANCY

As in past years, the capital equipment life expectancies specified in this report are estimates provided by the various presenters and are used for budgetary and planning purposes. The actual purchase price will vary given some purchases will not occur for fifteen, twenty or even forty years. Each year individuals presenting to the Committee are expected to evaluate equipment and projects scheduled to be replaced or implemented and make recommendations. Information in the various tables has been changed to reflect the most up to date recommendations. Actual vehicle and equipment replacement are based on a mechanical evaluation and the concurrence of the appropriate department head after giving careful consideration of all options.

RECOMMENDATIONS OF THE ADVISORY CAPITAL IMPROVEMENT PROGRAM COMMITTEE

In 2020, the Committee met via ZOOM on ten occasions (6/24/2020, 7/7/2020, 7/14/2020, 7/21/2020, 7/28/2020, 8/11/2020, 8/18/2020, 8/24/2020, 9/4/2020 and 9/11/2020) and heard from the Town Administrator, DPW Manager/Road Agent, Fire Chief, Library Director, Police Chief, Emergency Management Director, representatives of the Zechariah Boodey Farmstead, 1772 Meetinghouse Restoration Committee and the New Durham Water Quality and Milfoil Committee. Members of the public attending the Committee's meetings were permitted to speak and ask questions.

After reviewing all of the provided information, Committee Members prioritized the 71 requests using the same criteria as last year. The rating is based on the anticipated replacement schedules found in tables four through twelve. The rating criteria are:

Priority 1: Urgent. Cannot be delayed. Needed immediately.

- Priority 2: Necessary. Needed within five years to maintain basic level and quality of community services and goals of the Master Plan.
- Priority 3: Anticipated. Needed within six to ten years to maintain and improve quality or level of services and goals of the Master Plan.
- Priority 4: Deferrable. Can be placed on hold until after the ten-year scope of this CIP. Does support community goals and Master Plan.
- Priority 5: Premature. Needs more research, planning and coordination.
- Priority 6: Inconsistent. Contrary to land-use planning or Master Plan goals.

Table 1 shows the outcomes of the prioritization.

	Life	Replacement	Rating	CRF-ETF
	Expectancy	Costs		Account
RSMS	15	\$500,000	1	Road Surface Management
Miscellaneous Expenses	Annual	\$10,000	1	Veh. & Equip. Maintenance
04 20 Ton Trailer	16	\$10,000	1.2	Highway Equipment
Storm Water Management	10	\$125,000	1.4	Road Surface Management
Gravel Purchase	Annual	\$15,000	1.5	Gravel
2014 Ford Interceptor	8	\$49,000	1.6	Police Cruiser
1994 Engine (E1)	25	\$350,000	1.6	Fire Vehicles
Milfoil	Annual		1.6	Water Quality & Milfoil
Town Hall- Record Achieving- Digital	10	\$100,000	1.6666	Record Management
2015 Ford Explorer	8	\$49,000	1.8	Police Cruisers
Engine Replacement	10	\$25,000	1.8	Veh. & Equip. Maintenance
Transmission Replacement	10	\$6,000	1.8	Veh. & Equip. Maintenance
Truck Insurance Loss/Depreciation	10	\$75,000	1.8	Veh. & Equip. Maintenance
Town Hall- Municipal Software Upgrade	7	\$65,000	1.8	Computer Syst. & Office.
Dry Hydrants	20	\$8,000	2	Dry Hydrant
05 Int 7400 w/Dump, Plow a& Wing	12	\$180,000	2	Highway Trucks
12 Int 7400 w/Dump, Plow & Wing	12	\$180,000	2	Highway Trucks
12 F350 w/Cab & Chasse	10	\$80,000	2	Highway Trucks
13 Int 7400 w/Dump, Plow & Wing	12	\$180,000	2	Highway Trucks
14 F250 Pickup w/Plow (RA)	10	\$35,000	2	Highway Trucks
Culverts & Bridges Totals	30	\$250,000	2	Road Surface Management
Dam Maintenance	10	\$50,000	2	Dams
02 MSW 2 Container	20	\$10,000	2	Solid Waste Equipment
Irrigation System at Smitty's Way	20	\$15,000	2	Smith Ballfield Improvemt.
Library Roof Replacement	25	\$15,000	2	Building Improvement
Town Complex Parking Lot	10	\$10,000	2	Building Improvement
2013 Ford Interceptor	8	\$49,000	2.2	Police Cruiser

	Life	Replacement	Rating	CRF-ETF
	Expectancy	Costs		Account
2010 Ford F350 Forestry	15	\$56,000	2.2	Fire Vehicles
10 Int. 4900 with w/Dump & Plow	12	\$180,000	2.2	Highway Trucks
04 Chipper	20	\$30,000	2.2	Highway Department Equip
Excavator	20	\$160,000	2.2	Highway & Solid Waste Eq.
Vehicle Scale	30	\$60,000	2.2	Solid Waste Equipment
Storage Facility at Smitty's Way	20	\$30,000	2.2	Smith Ballfield Improvemt.
Library Carpet Replacement	10	\$7,500	2.2	Building Improvement
Gravel Exploration	10	\$50,000	2.25	Gravel
Town Hall Repaint	10	\$60,000	2.4	Building Improvement
Town Hall Windows	25	\$40,000	2.4	Building Improvement
SCBA- Airpacks	10	\$155,000	2.6	FD Ancillary Eq.
99 Sweepster Tow Broom	20	\$40,000	2.6	Highway Department Equip
Fuel Facility	20	\$25,000	2.6	New CRF
10 Bobcat Skid Steer	16	\$44,000	2.6	Solid Waste Equipment
Library Exterior Painting	7	\$7,000	2.6	Building Improvement
Police Depart. Briefing-Training Room	25	\$35,000	2.6	Public Safety Buildings
FD- Renovations	10	\$250,000	2.6	Public Safety Buildings
2018 SUV/Utility Vehicle	8	\$49,000	2.8	Police Cruisers
2017 Chevrolet Tahoe (C1)	10	\$60,000	2.8	Fire Vehicles
15 Dodge 5500w/Dump, Plow& Wing	10	\$90,000	2.8	Highway Trucks
11 Volvo Grader w/Wing Gear	15	\$190,000	2.8	Highway Trucks
13 JD 544K Loader	15	\$150,000	2.8	Highway Trucks
2008 Rescue / Pumper	20	\$528,000	3	Fire Vehicles
19 Backhoe Cat 420E w/Thumb	14	\$130,000	3	Highway Department Equip
02 MSW 2 Compactor/Hopper	25	\$30,000	3	Solid Waste Equipment
10 Plastic Compactor /Hopper	20	\$20,000	3	Solid Waste Equipment
10 Plastic Container	20	\$10,000	3	Solid Waste Equipment
Playground: Ballfields	10	\$15,000	3	Smith Ballfield Improvemt.
2001 Ladder	40	\$450,000	3.2	Fire Vehicles
Open Top Container	20	\$10,000	3.2	Building Improvement
Library- Walkway	25	\$10,000	3.2	Building Improvement
Boodey Farmstead Project		\$230,000	3.2	New CRF
2005 Mule	15	\$16,699	3.4	Fire Vehicles
13 Vertical Baler	20	\$17,000	3.4	Solid Waste Equipment
Library Storage Room-	25	\$15,000	3.4	Building Improvement
1772 Meetinghouse Restoration Project		\$250,000	3.4	1772 Meetinghouse
18 Western Star w/Dump, Plow & Wing	15	\$180,000	3.6	Highway Truck
16 MSW 1 Compactor/Hopper	20	\$30,000	3.6	Solid Waste Equipment
16 MSW 1 Container	20	\$10,000	3.6	Solid Waste Equipment
Library Furnace Replacement	20	\$7,000	3.6	Building Improvement

	Life	Replacement	Rating	CRF-ETF
	Expectancy	Costs		Account
Town Facilities- Space Needs	20	\$40,000	3.6	Building Improvement
Town Building Improvements		\$805,699	3.6666	Building Improvement
Guardrail at Smitty's Way	20	\$5,000	3.8	Smith Ballfield Improvment.
Town Hall Energy Upgrades	25	\$32,000	3.8	Building Improvement

TOWN BUILDINGS and FACILITIES NEEDS ASSESSMENT

In 2019, the Board of Selectmen issued a Request for Proposals (RFP) for a town wide Facility Space Needs Assessment and Functionality Analysis of most town buildings and facilities. The beach, ballfields, 1772 Meetinghouse and the Zechariah Boodey Farmstead were not reviewed. The study was performed by a firm with qualified staff including architects and engineers who identified the short and long-term facility needs. Due to the COVID 19 pandemic, along with some unforeseen complications, the draft report was not available until late June.

Mechanical, electrical, plumbing, and/or fire protection issues were found in all five buildings. Some issues are safety issues while others are code violations. The primary concern of the Engineering Company conducting the evaluation was the lack of mechanical ventilation in each building.

The following square footage needs were identified:

BUILDING	CURRENT SQUARE FOOTAGE	PROPOSED SQUARE FOOTAGE
Town Hall	6,216	9,044
Police Station	2,813	5,645
Library	2,789	6,305
Fire Station	3,750	18,118
Public Works Garage	3,719	9,169

At the August 6, 2020 meeting, the BOS decided to establish a committee to review, comment, and prioritize the various facility needs. Committee members will include a representative from the BOS, Budget Committee, ACIPC and two to three Community Members. Department Heads will be asked to attend as needed. It is anticipated their review and recommendations will be available by the end of November. This will allow the BOS and Budget Committee to consider their findings as the FY21 Operational and Capital Budgets are being developed.

The following Capital Reserve and Expendable Trust Funds will be impacted by this Committee's recommendations:

- Capital Reserve Fund for Library Facilities Improvements
- Capital Reserve Fund for Municipal Facility Land Acquisition
- Capital Reserve Fund for Public Safety Facilities

- Expendable Trust Fund for Town Building Improvements

CAPITAL RESERVE AND EXPENDABLE TRUST FUND REQUESTS AND JUSTIFICATION

Expendable Trust Fund for Town Building Improvements

Anticipated Balance as of December 31, 2020: \$ 74,174.96

Requested: \$ 14,327.45

Recommendation: \$ 15,000.00

Rationale: All of the items for Town Hall repairs and/or replacement which were identified in the 2020 – 2029 CIP Worksheet remain. See the Town Buildings and Facilities Needs Assessment for additional needed improvements in the town's buildings.

Due to Town Hall being on the National Register of Historic Places and its age, the cost of addressing Town Hall's energy and building needs are higher than usual. In the future, a decision needs to be made as to how to balance the historic aspects of Town Hall while providing a safe and functional building for conducting day to day town business.

Known expenses, not listed in the Town Buildings and Facilities Needs Assessment, for this CRF over the next ten years include, but are not limited to:

- The Town Complex parking lot needs crack sealing and seal coating.
- Painting the exteriors of Town Hall and the Library.
- Replacement of the Library carpet.
- Replacement of the Library roof.

Capital Reserve Fund for Public Safety Facilities

Anticipated Balance as of December 31, 2020: \$ 95,494.01

Requested: \$ 285,000.00

Recommendation: \$ 50,000

Rationale: The Fire Department and the Police Department Chiefs have identified multiple space needs.

Last year, the Fire Chief again requested \$ 250,000 to enlarge the building to meet the department's short-term needs including protecting personnel from carcinogen exposure in the station through their turnout gear and equipment. At a minimum, showers and locker rooms are required.

The Police Chief's request for additional space where confidential investigative information could be discussed and posted and for Officer training has not changed.

The Town Buildings and Facilities Needs Assessment has identified the need to increase space for the Police and Fire Departments from 6,563 square feet to 23,763 square feet. Even though Committee Members are not recommending the full \$285,000 for additions or renovations of the buildings, monies will be needed in the not too distant future.

Capital Reserve Fund for Fire Vehicles

Anticipated Balance as of December 31, 2020: \$ 441,267.21

Requested: \$ 62,303.75 Recommendation: \$ 70,000.00

Rationale: The Fire Chief is planning on replacing the 1994 Engine (E1) in 2021 at a cost of \$ 355,250. This will leave less than \$ 150,000 in the CRF with anticipated expenses of \$ 535,920 by 2028.

Capital Reserve Fund for Fire Department Ancillary Equipment:

Anticipated Balance as of December 31, 2020: \$ 4,933.13

Requested: \$ 16,862.20 Recommendation: \$16,863.00 Rationale: The Department's 2005 Mule, used for forest fires and off-road rescues, is scheduled to be replaced in 2020. All of the Self-Contained Breathing Apparatus (SCBA) were replaced in 2018. At this time, no other large purchases are anticipated to come from this account until 2028 when the SCBAs are scheduled for replacement.

Capital Reserve Fund for Dry Hydrant:

Anticipated Balance as of December 31, 2020: \$ 12,474.16

Requested: \$ 430.00

Recommendation: \$ 0.00

Rationale: The dry hydrant on Main Street at Downing Pond was replaced in 2019. The plan to install a dry hydrant at Leavitt's Pond is on hold due to COVID 19.

Expendable Trust Fund for Emergency Management

Anticipated Balance as of December 31, 2020: \$ 6,718.28

Requested: \$ 0.00

Recommendation: \$ 0.00

Rationale: Nothing submitted.

Expendable Trust Fund for Forest Fires

Anticipated Balance as of December 31, 2020: \$ 22,219.15

Requested: \$ 0.00

Recommendation: \$ 5,000.00

Rationale: In the past, the Forest Fire Warden stated he would like between \$ 35,000 and \$ 40,000 in this account. No further information is available.

Capital Reserve Fund for Police Cruisers

Anticipated Balance as of December 31, 2020: \$ 32,630.58

Requested: \$ 24,500.00

Recommendation: \$ 24,500.00

Rationale: The Police Department maintains 4 cruisers which are replaced every 8 years. The 2013 cruiser which is being replaced in 2020 has 155,000 miles on it. The 2014 cruiser scheduled for replacement in 2022 currently has 91,000.

Capital Reserve Fund for Highway Trucks

Anticipated Balance as of December 31, 2020: \$ 76,768.99

Requested: \$ 93,380.00

Recommendation: \$ 93,380.00

Highway truck replacement remains on schedule. The 2010, 2012 and 2013 International trucks continue to have higher than usual maintenance issues. The 2012 truck is being replaced in 2020. It may be necessary to replace a truck in 2021, a year ahead of schedule.

Failure to adequately fund this CRF in the past results in the need to increase funding. By 2025, there will be insufficient funds in the CRF for anticipated purchases.

Capital Reserve Fund for Highway Equipment Purchases

Anticipated Balance as of December 31, 2020: \$ 106,737.14

Requested: \$ 33,212.00

Recommendation: \$ 33,212.00

Rationale:

In 2020, the plan is to replace the 12-ton trailer with a used 20-ton trailer which will be capable of transporting the proposed excavator which will be used by the Highway and Solid Waste Departments. It may be possible to delay the chipper replacement which is scheduled for 2024.

By 2028, the Highway Department Equipment CRF will have insufficient funds at the current schedule for funding.

Capital Reserve Fund for Gravel

Anticipated Balance as of December 31, 2020: \$ 458.26

Requested: \$ 20,300.00

Recommendation: \$ 20,300.00

Rationale: With the closure of the Shirley Gravel Pit, the Town has to purchase gravel at an annual cost of \$ 15,000. Gravel is used as part of the RSMS work and is also used as part of Stormwater Mitigation activities.

During the March 10, 2020 voting session, the Legislative Body changed the purpose of the CRF for Gravel to add the “exploration, mining and acquisition of gravel.” The funds in this CRF should be used to study the possibility of removing more gravel from the Shirley Forest in the area adjacent to the previous gravel removal site or other exploration activities. The 2019 estimate of such studies was \$ 15,000 to \$ 20,000.

In the 2020-2029 Capital Improvement Plan, the ACIPC recommended the cost of gravel become part of the Town’s Operational Budget. We again make the same recommendation.

Capital Reserve Fund for Road Surface Management System (RSMS)

Anticipated Balance as of December 31, 2020: \$ 47,879.21

Requested: \$ 530,267.00

Recommendation: \$ 424,235.00

Rationale: The 2021 Highway Block funding has been decreased to \$ 111,000.00 from the FY 2020 amount of \$ 117,000 requiring the taxpayers to raise additional funds to keep pace with previous year’s RSMS activities. Sixty to seventy percent of all RSMS funding is spent on road preservation, example crack sealing, shim and overlay. Funds are also spent on storm water management activities to protect Merrymeeting Lake, Merrymeeting River, Jones Pond and Downing’s Pond, bridge repairs (ex. Davis Crossing) and culvert replacement (ex. Middleton Road replacement in 2023 at a cost of \$ 275,000).

In 2021, an additional \$ 5,000 is requested to update the RSMS. The Chair of the Water Quality and Cyanobacteria Mitigation Steering Committee has requested \$ 40,000 as the Town’s match to the Section319 Grant received to begin stormwater mitigation activities.

Based on current contributions, the CRF will be in deficit spending by 2023. There will be insufficient funds through at least 2030.

Expendable Trust for Dam Maintenance:

Anticipated Balance as of December 31, 2020: \$ 34,154.83

Requested: \$ 5,000.00

Recommendation: \$ 5,000.00

Rationale: Following inspection by the Department of Environmental Services, Downing Pond Dam required significant repairs, many which were completed last fall. There are still additional repairs required. Both the Downing Pond dam and the March Pond Dam require ongoing maintenance with major dam maintenance needed every 10 years.

Capital Reserve Fund for Solid Waste Facilities Improvement

Anticipated Balance as of December 31, 2020: \$ 77,622.12

Requested: \$ 0.00

Recommendation: \$ 0.00

Rationale: There are no plans for any changes to the Solid Waste Facilities in the coming years.

Capital Reserve Fund to Purchase Equipment for Transfer Station

Anticipated Balance as of December 31, 2020: \$ 14,132.37

Requested: \$ 20,300.00

Recommendation: \$ 25,000.00

Rationale: The cost of a drive on scale has increased. Staff are attempting to find a scale within the cost factors previously identified.

Instead of purchasing a used pay loader, the Department of Public Works is looking at an excavator which will be used by both the Transfer Station and the Highway Department. Due to the increase in the volume of materials, there is a need for additional containers which is responsible for the increased recommendation.

Based on estimate spending, there will be insufficient funds in the CRF to pay for needed equipment in 2021 and 2022.

Capital Reserve Fund for Vehicle and Equipment Maintenance

Anticipated Balance as of December 31, 2020: \$ 27,715.31

Requested: \$ 15,834.00

Recommendation: \$ 7,500.00

Rationale: The purpose of this CRF is to provide funding for large unexpected repairs of any of the Town's vehicles or equipment. Expenditures from this CRF usually occur in the 3rd and 4th quarters of the fiscal year. There is at least one expense of \$ 10,000 which will be paid from this account. The Town Administrator would like to maintain a balance of \$ 35,000 in the CRF.

Expendable Trust Fund for Surplus Vehicle & Equipment

Anticipated Balance as of December 31, 2020: \$ 2,400.95

Requested: \$ 0.00

Recommendation: \$ 0.00

Rationale: Neither the Town Administrator or the DPW Manager requested funding for this ETF.

Capital Reserve Fund for Smith Ball Field Improvements

Anticipated Balance as of December 31, 2020: \$ 7,356.17

Requested: \$ 3,625.00

Recommendation: \$ 3,625.00

Rationale: This year, \$ 4,500 was needed to repair the infields. Going forward, this will be an annual maintenance item in the Operational Budget. An irrigation system needs to be installed in the upper field at a cost of \$ 7,500. Storage issues at the ballfields and beach need to be addressed.

Based on projected expenses, this CRF will have deficit spending starting in 2022 which will continue through at least 2030.

Capital Reserve Fund for Library Facilities Improvements

Anticipated Balance as of December 31, 2020: **\$ 8,776.02**

Recommendation: **\$ 0.00**

Rationale: The Library's space issues have not changed from last year. However, the cost for an addition may come from the ETF for Town Building Improvements.

Carpet Replacement in the "Adult" room is scheduled for 2021 at a cost of \$ 7,000.

Capital Reserve Fund for Library Technology Improvements

Anticipated Balance as of December 31, 2020: **\$ 4,218.17**

Requested: **\$ 0.00**

Recommendation: **\$ 0.00**

Rationale: The Library Director did not request any funding for this CRF. The Library Director was successful in receiving a grant for technology equipment.

Capital Reserve Fund for Municipal Facility Land Acquisition

Anticipated Balance as of December 31, 2020: **\$ 55,362.17**

Requested: **\$ 0.00**

Recommendation: **\$ 25,000.00**

Rationale: The Town Buildings and Facilities Space Needs draft report is available. It presents multiple locations for expansion of town facilities. The report states the Town Hall, Library and Public Works department have adequate site space. The Police Station could stay at its current location or become part of a Public Safety Facility. The Fire Station does not have sufficient site space and alternative land is required.

By adding \$ 25,000 to the existing \$ 55,362.17 balance we will have \$ 80,000 which will not be sufficient to purchase the necessary land. However, it is a start.

Expendable Trust Fund for Record Management

Anticipated Balance as of December 31, 2020: **\$ 13,553.18**

Requested: **\$10,000.00**

Recommendation: **\$ 10,000.00**

Rationale: Currently, records are stored in file cabinets, loose leaf notebooks, bound books, and boxes. The new software which has been purchased will allow new materials to be digitalized. The long-term goal is to digitalize all records by having a company come in to scan the documents and electronically archive them.

The ACIPC recommends funds for Record Management be in the Operational Budget as it is anticipated there will be an annual expenditure of \$ 10,000.

Expendable Trust Fund for Computer System and Office Equipment

Anticipated Balance as of December 31, 2020: \$ 11,251.24

Requested: \$ 20,000.00

Recommendation: \$ 20,000.00

Rationale: The upgrading of the municipal and assessing infrastructure has begun. This upgrade affects finance, payroll, tax billing, and the Tax Clerks receivable accounts. Included in the project is a larger server, 6 new workstations, software licenses, the cost of transitioning information from the old system to the new, and staff training.

The ACIPC recommends funds for Computer Systems and Office Equipment be in the Operational Budget as it is anticipated there will be annual expenditures.

Expendable Trust Fund for Accrued Benefits Liability Fund

Anticipated Balance as of December 31, 2020: \$ 21,303.08.

Requested: \$ 4,000.00

Recommendation: \$ 4,000.00

Rationale: The Town Administrator feels there should be \$ 25,000 in this account due to the number of long-term employees who may retire in the foreseeable future.

Capital Reserve Fund for JC Shirley Site Improvements

Anticipated Balance as of December 31, 2020: \$ 1,797.95

Requested: \$ 0.00

Recommendation: \$ 0.00

Rationale: There are no plans for improvements at this time.

Capital Reserve Fund for Shirley Cemetery Improvements

Anticipated Balance as of December 31, 2020: \$ 3,672.08

Requested: \$ 0.00

Recommendation: \$ 0.00

Rationale: There are no plans for improvements at this time.

Capital Reserve Fund for the 1772 Meetinghouse Restoration

Anticipated Balance as of December 31, 2020: \$ 49,684.40

Requested: \$ 100,000.00

Recommendation: \$ 5,000.00

Rationale: The foundation work has been completed. Structural repairs and interior work are estimated to cost \$ 200,000. The Committee Co-Chair believes if the Town appropriated \$ 100,000, they would be successful in receiving a matching grant from LCHIP.

The ACIPC expressed disappointment in the lack of fundraising efforts particularly in light of the fundraising and volunteer work efforts of other town committees. A public/private partnership was suggested. The Meetinghouse Committee Co-Chair feels the BOS should establish a fund-raising committee. They have not brought this suggestion to the BOS.

During the March 2019 Town Annual Voting, the Legislative Body defeated a petition warrant article requesting \$ 100,000 be added to the Capital Reserve Fund for the 1772 Meetinghouse Restoration. This was defeated 175 to 214. During the 2020 Deliberative Session, Meetinghouse Committee members were successful in increasing the recommended funding level from \$ 10,000 to \$ 25,000. This was defeated 138 to 159 by the Legislative Body of March 10, 2020.

Capital Reserve Fund for the Master Plan

Anticipated Balance as of December 31, 2020: \$ 6,286.32

Requested: \$ 0.00

Recommendation: \$ 0.00

Rationale: The current Master Plan was last updated June 26, 2017. As it will be several years before work will begin on the next Master Plan, no additional funding is required at this time.

Capital Reserve Fund for New Durham Water Quality & Milfoil CRF.

Anticipated Balance as of December 31, 2020: \$ 23,901.66

Requested: \$ 60,000.00

Recommendation: \$ 60,000.00

Rationale: The Water Management Plan completed in 2019 proposes a 10-year action plan to mitigate the pollution of Merrymeeting River. The Chair believes the total expenditure for stormwater remediation, milfoil treatment, water quality testing, and public education over the ten-year period will be \$ 437,000.

This year, the town was successful in obtaining a Section 319 Grant. Under this grant, the town is responsible to provide \$ 40,000 and the Highway Department will provide \$ 10,000 of in-kind service.

Money for Milfoil treatment comes from this CRF. Storm water remediation funding is found in either the Highway Department budget or in RSMS funding.

Water quality funds are located in the town's Operational Budget. Funding for public education should also be in the Operational Budget.

Requests for New Capital Reserve Funds- Expendable Trust Funds

Zechariah Boodey Farmstead:

Requested: \$ 115,000.00

Recommendation: \$ 25,000.00

Rationale: On behalf of the Committee, the Chair of the Zechariah Boodey Farmstead is again requesting the establishment of a Capital Reserve Fund. The current Boodey Farmstead fund is a revenue holding account "for such fundraising contributions, donations, gifts and charitable contributions towards the project." (From the Board of Selectmen Zechariah Boodey Farmstead Committee Charge.). Federal, State or local Government grant funds cannot be placed in this fund.

The Committee is now looking at local and state funding opportunities. If funds are received without a CRF, there would be no place to hold the monies.

From 2010 to 2019, the Zechariah Boodey Farmstead raised \$ 44,910.26 (\$10,579.00 in 2019 alone). The total funds received from Town for the same ten-year period is \$20,928.00. For every \$1.00 invested by the town, the committee has raised two dollars toward this project.

The Committee received funding in its Operational Budget to have engineering plans completed for the project. Unfortunately, these plans were put on hold when the BOS froze funding for this (and other projects) due to a change in revenue projections.

During the March 2018 Town Annual Voting, the Legislative Body defeated a warrant article requesting the establishment of a Capital Reserve fund for the Zechariah Boodey Farmstead: The vote was defeated 110 to 150.

Fuel Depot:

Requested: \$ 25,000. 00

Recommendation: \$ 25,000.00

Rationale: The current fuel tanks (two at 4000 gallons each) are 30+ years old. The floor under the tanks has deteriorated and the concrete will need to be repaired or replaced. The plan is to replace the two 4,000-gallon tanks with two 2,000-gallon tanks. The estimated cost of replacing the tanks and repairing the concrete is \$ 25,000. The DPW Manager anticipates replacement will be required by 2021.

Currently there is no Fuel Depot CRF or ETF as the previous ETF was discontinued 3/10/15 by the Legislative Body.

Summary of Requests

The ACIPC was requested to fund the 29 established CRFs and ETFs and two proposed CRFs at a total cost of \$ 1,459,311.40. At the end of the review process the Committee is recommending a total of \$ 967,615.00 be added to 21 of the current CRFs and ETFs and the proposed CRFs. The recommended funding is 66.3% of what was requested.

CORRELATION OF CAPITAL IMPROVEMENT PROGRAM REQUESTS TO MASTER PLAN

DEPARTMENT or GROUP	CRF or ETF	MASTER PLAN
Library	Facilities Improvement; Technology Improvements	<p>Town Facilities & Services: Goal – Ensure valued affordable services & infrastructure for New Durham. <u>Strategy # 2</u> Ensure New Durham’s facilities & infrastructure appropriately reflect Town needs. <u>Strategy # 3:</u> Provide Town services that specifically address public safety and demographic needs.</p> <p>Town Appearance & Character: Goal - Value New Durham’s colonial architecture, upland forest landscape & lakefront character. <u>Strategy # 2:</u> Retain New Hampshire Traditional Architectural Style and appearance in the design of all business areas.</p> <p>Community Well Being: Goal – Provide quality lifestyle opportunities for all residents <u>Strategy # 1:</u> Encourage Citizen Participation.</p>

		<p><u>Strategy # 3: Building Regional Collaboration.</u></p>
New Durham Water Quality Committee	New Durham Water Quality & Milfoil CRF.	<p>Town Facilities & Services: Goal-Ensure valued, affordable services & infrastructure for New Durham. <u>Tactic # 3</u> Assure continuous monitoring and efficacious mitigation, when necessary, of at-risk natural resources.</p> <p>Natural Resources: Goal-Preserve New Durham's natural resources and rural landscape for the sustainable health, safety, and welfare of current and future generations. <u>Strategy # 1:</u> Protect water quality.</p> <p>Town Appearance and Character: Goal-Value New Durham's colonial architecture, upland forest landscape, & lakefront character. <u>Tactic # 1:</u> Protect scenic and environmental qualities of lakefront, wetlands, rivers.</p>
1772 Meetinghouse Committee	1772 Meetinghouse Restoration.	<p>Town Facilities and Services: Goal - Ensure valued affordable services & infrastructure for New Durham.</p> <p><u>Strategy # 1:</u> Align infrastructure with development planning via planning and implementing the repair/replacement of aging infrastructure.</p> <p><u>Strategy # 2:</u> Ensure New Durham's facilities & infrastructure appropriately reflects Town needs.</p> <p>Town Appearance & Character: Goal - Value New Durham's colonial architecture, upland forest landscape & lakefront character.</p> <p>Community Well Being: Goal – Provide Quality Lifestyle Opportunities for all Residents.</p>

<p>Zechariah Boodey Farmstead Committee</p>	<p>Requesting a CRF</p>	<p>Town Facilities & Services: Goal: Ensure valued, affordable services & infrastructure for New Durham. <u>Strategy # 2:</u> Ensure New Durham’s facilities & infrastructure appropriately reflects Town needs.</p> <p>Town Appearance and Character Goal: Value New Durham’s colonial architecture, upland forest landscape and lakefront character. <u>Strategy # 2:</u> Retain New Hampshire Traditional Architectural Style and appearance in the design of all business areas. <u>Strategy # 3:</u> Advance accessibility and use of New Durham, Town Center.</p> <p>Community Well Being: Goal – Provide quality lifestyle opportunities for all residents <u>Strategy # 1:</u> Encourage Citizen Participation. <u>Strategy # 2</u> Optimize Government Performance <u>Strategy # 3:</u> Building Regional Collaboration.</p>
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Table 2

COMPARISON of RECOMMENDED CRF & ETF FUNDING to ACTUAL CRF & ETF FUNDING and TOTAL TOWN APPROPRIATION

	Number of CRFs & ETFs	Advisory CIP Committee CRF & ETF Amounts	Board of Selectmen CRF & ETF Amounts	Total Town Appropriation	Town Tax Rate	Total Tax Rate
FY 2008	27	Unavailable	\$259,800	\$4,144,972	\$ 6.11	\$ 18.99
FY 2009	29	\$707,637	\$293,700	\$3,634,035	\$ 6.32	\$ 20.24
FY 2010	32	\$695,334	\$507,864	\$3,883,171	\$ 6.95	\$ 21.19
FY 2011	31	\$428,616	\$457,000	\$3,934,633	\$ 6.88	\$ 22.40
FY 2012	30	\$339,000	\$425,550	\$4,004,188	\$ 6.85	\$ 22.96
FY 2013	32	\$209,500	\$370,500	\$3,800,029	\$ 6.19	\$ 22.50
FY 2014	32	\$209,722	\$304,472	\$3,511,194	\$ 5.62	\$ 21.85
FY 2015	32	\$208,121	\$334,000	\$3,490,350	\$ 5.35	\$ 22.15
FY 2016	29	\$509,800	\$231,000	\$3,342,408	\$ 5.07	\$ 22.76
FY 2017	29	\$494,300	\$235,000	\$3,316,234	\$ 5.02	\$ 23.02
FY 2018	30	\$663,600	\$304,500	\$3,282,286	\$ 5.46	\$ 23.35
FY 2019	30	\$860,000	\$369,000	\$3,426,148	\$ 5.63	\$ 23.72
FY 2020	31	\$714,846	\$340,000	\$ 3,763,062	To Be Determined	To Be Determined
FY2021	31	\$ 077,615	To Be Determined	To Be Determined	To Be Determined	To Be Determined

Table 3

CIPC 2020-2029		Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Equipment- Project															
Library Exterior Painting		7	\$ 7,000.00	\$ 1,000.00			\$ 7,000.00							\$ 7,000	
Library Furnace Replacement		20	\$ 7,000.00	\$ 350.00											
Library Roof Replacement		25	\$ 15,000.00	\$ 600.00			\$ 15,000.00								
Library- Walkway		25	\$ 10,000.00	\$ 400.00											
Town Hall Energy upgrades		25	\$ 32,000.00	\$ 1,280.00											
Town Hall Repair		10	\$ 60,000.00	\$ 6,000.00										\$ 60,000.00	
Town Hall Windows		25	\$ 40,000.00	\$ 1,600.00											10000
Town Complex parking Lot		10	\$ 10,000.00	\$ 1,000.00	\$ 10,000.00										
Town Facilities- space needs		20	\$ 40,000.00	\$ 2,000.00											
Town Building Improvements			\$ 221,000.00	\$ 14,230.00	\$ 10,000.00	\$ 40,000.00	\$ 22,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,000.00	\$ 10,000.00
Library/Carpet replacement		10	\$ 7,500.00	\$ 750.00		\$ 7,000.00						\$ 8,000.00			
Library storage room-		25	\$ 15,000.00	\$ 600.00											
Library Improvement			\$ 22,500.00	\$ 1,350.00	\$ -	\$ 7,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000.00	\$ -	\$ -	\$ -
Police Department- Briefing-Training room		25	\$ 35,000.00	\$ 1,400.00											
FD- Renovations		10	\$ 250,000.00	\$ 25,000.00		\$ 250,000.00									
Public Safety Facility Improvements			\$ 285,000.00	\$ 26,400.00	\$ -	\$ 285,000.00	\$ -	\$ -	\$ -	\$ -	\$ -				
Town Hall- Record archiving- Digital		10	\$ 100,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
Town Hall- MunicipalSoftware upgrade		7	\$ 65,000.00	\$ 9,285.00	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	\$ 27,000.00					
Exp Computer & Office Equipment			\$ 165,000.00	\$ 19,285.00	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 37,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
Capital Reserve Calculation					2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Library Exterior Painting		7	\$ 7,000.00	\$ 1,000.00											
Library Furnace Replacement		20	\$ 7,000.00	\$ 350.00											
Library Roof Replacement		25	\$ 15,000.00	\$ 600.00											
Library- Walkway		25	\$ 10,000.00	\$ 400.00											
Town Hall Energy upgrades		25	\$ 32,000.00	\$ 1,280.00											
Town Hall Repair		10	\$ 60,000.00	\$ 6,000.00											
Town Hall Windows		25	\$ 40,000.00	\$ 1,600.00											
Town Complex parking Lot		10	\$ 10,000.00	\$ 1,000.00											
Town Facilities- space needs		20	\$ 40,000.00	\$ 2,000.00	\$ 20,000.00	\$ 14,443.45	\$ 14,660.10	\$ 14,880.00	\$ 15,103.20	\$ 15,329.75	\$ 15,559.70	\$ 15,793.09	\$ 16,029.99	\$ 16,270.44	\$ 16,514.50
Town Building Improvements plus 1.5% inflation			\$ 221,000.00	\$ 14,230.00	\$ 112,572.00	\$ 87,015.45	\$ 79,675.55	\$ 94,555.56	\$ 109,658.76	\$ 124,988.51	\$ 140,548.21	\$ 156,341.30	\$ 172,371.29	\$ 188,641.73	\$ 205,165.80
Funds plus contribution, Less Expense															
Library Front Carpet replacement		10	\$ 5,000.00	\$ 500.00											
Library storage room-		25	\$ 15,000.00	\$ 600.00	0	\$ 1,116.50	\$ 1,133.25	\$ 1,150.25	\$ 1,167.50	\$ 1,185.01	\$ 1,202.79	\$ 1,220.83	\$ 1,239.14	\$ 1,257.73	\$ 1,276.59
Library improvements plus 1.5% inflation			\$ 20,000.00	\$ 1,100.00	8776	\$ 2,892.50	\$ 4,025.75	\$ 5,175.99	\$ 6,343.49	\$ 7,528.51	\$ 8,731.29	\$ 9,952.12	\$ 11,191.26	\$ 12,448.99	\$ 13,725.59
Funds plus contribution, Less Expense				\$ 8,776.00											
Police Department- Briefing-Training room		25	\$ 35,000.00	\$ 1,400.00											
FD- Renovations		10	\$ 250,000.00	\$ 25,000.00											
Public Safety Facility Improvements			\$ 85,000.00	\$ 6,400.00	\$ 95,494.00	\$ 183,010.00	\$ 176,416.56	\$ 169,724.22	\$ 162,931.49	\$ 156,036.87	\$ 149,038.84	\$ 141,995.83	\$ 134,726.28	\$ 127,408.58	\$ 119,981.12
Funds plus contribution, Less Expense				\$ 71,419.81											
Town Hall- Record archiving- Digital		10	\$ 100,000.00	\$ 10,000.00											
Town Hall- MunicipalSoftware upgrade		7	\$ 65,000.00	\$ 9,285.00	\$ 30,000.00	\$ 30,000.00	\$ 30,450.00	\$ 30,906.75	\$ 31,370.35	\$ 31,840.91	\$ 32,318.52	\$ 32,803.30	\$ 33,295.35	\$ 33,794.78	\$ 34,301.70
Exp Computer & Office Equipment & Records Maint			\$ 165,000.00	\$ 19,285.00	\$ 46,800.00	\$ 46,800.00	\$ 67,250.00	\$ 88,156.75	\$ 109,527.10	\$ 131,368.01	\$ 126,686.53	\$ 149,489.83	\$ 172,785.17	\$ 196,579.95	\$ 220,881.65
Funds plus contribution, Less Expense				\$ 61,244.00											

	Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
2008 Rescue / Pumper	20	\$ 528,000	\$ 26,400									\$ 528,000		
2010 Ford F350 Forestry	15	\$ 56,000	\$ 3,733						\$ 56,000					
1994 Engine (E1)	25	\$ 350,000	\$ 14,000	\$ 350,000										
2001 Ladder	40	\$ 450,000	\$ 11,250											
2017 Chevrolet Tahoe (C1)	10	\$ 60,000	\$ 6,000								\$ 60,000			
Fire Vehicles		\$ 1,444,000	\$ 61,383	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 56,000	\$ -	\$ 60,000	\$ 528,000	\$ -	\$ -
2005 Mule	15	\$ 16,699	\$ 1,113	\$ 16,720										
SCBA- Airpacks	10	\$ 155,000	\$ 15,500									\$ 155,000.00		
Ancillary Equipment		\$ 171,699	\$ 16,613	\$ 16,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ -
Total Cost		\$ 3,059,699	\$ 77,997	\$ 33,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 310,000	\$ -	\$ -
Fire Vehicle Total Annual Cost + 1.5%		\$ 1,465,660	\$ 62,304.08	\$ -	\$ 355,250.00	\$ -	\$ -	\$ -	\$ 56,840.00	\$ -	\$ 60,900.00	\$ 535,920.00	\$ -	\$ -
Ancillary Equip Total Annual Cost +		\$ 174,274.49	\$ 16,862.47	\$ 16,970.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 157,325.00	\$ -	\$ -
2017 Ram 4500 PL Custom			\$250,000											
Dry Hydrants	20	\$ 8,000.00	\$ 400.00	\$ 5,000			\$ 8,000							
Capital Reserve Calculation														
2008 Rescue Pumper	20	\$ 528,000	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400
2010 Ford F350 Forestry	15	\$ 56,000	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733	\$ 3,733
1994 Engine (E1)	20	\$ 350,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
2001 Ladder	40	\$ 450,000	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250	\$ 11,250
2017 Chevrolet Tahoe (C1)	10	\$ 60,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Fire Vehicles		\$ 1,444,000	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383	\$ 61,383
2005 Mule	10	\$ 16,699	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113	\$ 1,113
SCBA Airpacks (18)	10	\$ 155,000	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500	\$ 15,500
Ancillary Equipment		\$ 171,699	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613	\$ 16,613
Dry Hydrants	20	\$ 8,000.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00
Fire Vehicles				\$ 3,000.00	\$ 16,862.20	\$ 17,111.39	\$ 17,360.59	\$ 17,609.78	\$ 17,858.98	\$ 18,108.17	\$ 18,357.37	\$ 18,606.56	\$ 18,855.76	\$ 19,104.95
Ancillary Equipment				\$ -	\$ 430.00	\$ 436.00	\$ 442.00	\$ 448.00	\$ 454.00	\$ 460.00	\$ 466.00	\$ 472.00	\$ 478.00	\$ 484.00
Dry Hydrants				\$ 20,956.20	\$ 46,529.20	\$ 65,142.20	\$ 79,755.20	\$ 96,368.20	\$ 112,981.20	\$ 129,594.20	\$ 146,207.20	\$ 162,820.20	\$ 179,433.20	\$ 196,046.20
Fire Vehicles CIP Balance as of 2019				\$ 30,102.60	\$ 10,532.60	\$ 10,569.60	\$ 2,410.00	\$ 3,210.00	\$ 4,266.00	\$ 5,322.00	\$ 6,378.00	\$ 7,434.00	\$ 8,490.00	\$ 9,546.00
Ancillary CIP Balance as of 2019				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dry Hydrants				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Replacement Year	2028	2029	2030
2008 Rescue / Pumper	\$ 528,000	\$ -	\$ -
2010 Ford F350 Forestry	\$ 3,733	\$ 3,733	\$ 3,733
1994 Engine (E1)	\$ 14,000	\$ 14,000	\$ 14,000
2001 Ladder	\$ 11,250	\$ 11,250	\$ 11,250
2017 Chevrolet Tahoe (C1)	\$ 60,000	\$ 60,000	\$ 60,000
Mule	\$ -	\$ -	\$ -

POLICE DEPARTMENT
CIP 2021-2030

VEHICLES	Life Expt	Replace Costs	Replace Cost/yr av.	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
2018 SUV/Utility Vehicle	8	49,000	6,125							\$ 49,000				
2013 Ford Interceptor	8	49,000	6,125	49,000								49,000		
2014 Ford Interceptor	8	49,000	6,125			49,000								49,000
2015 Ford Explorer	8	49,000	6,125				49,000							
Total Cost w/o Inflation		196,000	24,500	49,000		49,000	49,000			49,000		49,000		49,000
Total Annual Cost + 1.5% Inflation		42,000		49,735		50,470	51,205			51,940	0	52,675		53,410
Capital Reserve Calculation				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
2013 Ford Interceptor	8	49,000		6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125
2014 Ford Interceptor	8	49,000		6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125
2015 Ford Explorer	8	49,000		6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125
2018 SUV/Utility Vehicle	8	49,000		6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125	6,125
Totals		196,000		24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500
Total Annual Cost + 1.5% Inflation		198,940												
CIP Balance as of 2019				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
				\$31,351	\$55,851	\$29,881	\$3,176	\$27,676	\$52,176	\$24,736	\$49,236	\$21,061	\$45,561	\$16,651

Replacement Year	2020	2028	2036
2013 Ford Interceptor/Durango	2020	2028	2036
2014 Ford Interceptor	2022	2030	2035
2015 Ford Explorer	2023	2031	2039
2018 SUV/Utility Vehicle	2026	2034	2042

HIGHWAY DEPARTMENT VEHICLE
CIP 2021 - 2030

Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
			2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Truck Fund													
05 Int 7400 w/dump, plow and wing	12	\$180,000	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
10 International 4900 with p/d	12	\$180,000	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
12 Int 7400 w/dump, plow and wing	10	\$180,000	\$96,000		\$80,000	\$180,000							
12 F350 w/cab and chasise	10	\$80,000	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
13 Int 7400 w/dump, plow and wing	12	\$180,000	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
14 F250 pickup w/plow (BA)	10	\$35,000	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
15 Dodge 5500 w/ dump plw etc	10	\$90,000	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00
18 Western Star w/dump, plow and wing	15	\$210,000	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00
Total Cost w/o Inflation		\$94,500	\$96,000	\$0	\$80,000	\$0	\$208,000	\$290,000	\$0	\$0	\$0	\$0	\$0
Total Cost with 1.5% Inflation	1.50%	\$1,152,025	\$95,918	\$0	\$81,200	\$0	\$211,120	\$294,350	\$0	\$0	\$0	\$0	\$0
Truck Fund													
05 Int 7400 w/dump, plow and wing	12	2020	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
10 International 4900 with p/d	12	2021	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
12 Int 7400 w/dump, plow and wing	12	2024	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
12 F350 w/cab and chasise	10	2022	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
13 Int 7400 w/dump, plow and wing	12	2025	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
14 F250 pickup w/plow (BA)	10	2024	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
15 Dodge 5500 w/ dump plw etc	10	2025	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00
18 Western Star w/dump, plow and wing	15	2030	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00
Total Capital Reserve Funding w/o Inflation		Total	\$14,000	\$14,000	\$94,500	\$94,500	\$94,500	\$94,500	\$94,500	\$94,500	\$94,500	\$94,500	\$94,500
Total Cost with 1.5% Inflation (funded)		Total	\$14,210	\$14,210	\$95,918	\$95,918	\$95,918	\$95,918	\$95,918	\$95,918	\$95,918	\$95,918	\$95,918
CIP Balance as of 2019			\$205,842	\$90,832	\$105,149	\$201,067	\$85,864	\$517,449	\$516,651	\$79,267	\$175,184	\$271,102	\$367,019

Truck Fund Vehicle List		Replacement Year
05 Int 7400 w/dump, plow and wing	12	2017
20 Ford F550 w/dump, plow & wing	12	2032
10 International 4900 with p/d	12	2020
12 Int 7400 w/dump, plow and wing	12	2022
12 F350 w/cab and chasise	10	2022
13 Int 7400 w/dump, plow and wing	12	2025
14 F250 pickup w/plow (BA)	10	2024
15 Dodge 5500 w/ dump plw etc	10	2025
18 Western Star w/dump plow and wing	15	2033
15 Dodge 5500 w/ dump plw etc	10	2035

HIGHWAY DEPARTMENT-EQUIPMENT
CIP 2021- 2030

HWY	Life Expect	Replacement Costs	Replace Cost/yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Equipment Fund														
99 Sweepster Tow Broom	20	\$40,000	\$2,000											
04 Chipper	20	\$30,000	\$1,500					\$40,000					40,000	
04 12 Ton Trailer**	16	\$10,000	\$625	\$10,000										
19 Backhoe Cat 420Ew/thumb	14	\$130,000	\$6,429											
11 Volvo Grader w/wing gear	15	\$190,000	\$12,667							\$190,000				
13 JD 544K Loader	15	\$150,000	\$10,000									\$150,000		
Total Cost w/o Inflation		\$550,000	\$33,221	\$10,000	\$0	\$0	\$0	\$40,000	\$0	\$190,000	\$0	\$150,000	\$40,000	\$0
Total Cost with 1.5% Inflation	1.50%	\$558,250	\$33,719	\$10,150	\$0	\$0	\$0	\$40,600	\$0	\$192,850	\$0	\$152,250	\$40,600	\$0
Equipment Fund														
Replacement Year														
99 Sweepster Tow Broom	20	2029		\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
04 Chipper	20	2024		\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
04 12 Ton Trailer**	16	2020		\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625	\$625
06 Backhoe Cat 420Ew/thumb	14	2020		\$6,429	\$6,429	\$6,429	\$6,429	\$6,429	\$6,429	\$6,429	\$6,429	\$6,429	\$6,429	\$6,429
11 Volvo Grader w/wing gear	15	2026		\$12,667	\$12,667	\$12,667	\$12,667	\$12,667	\$12,667	\$12,667	\$12,667	\$12,667	\$12,667	\$12,667
13 JD 544K Loader	15	2028		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Total Capital Reserve Funding w/o Inflation		Total		\$32,721	\$32,721	\$32,721	\$32,721	\$32,721	\$32,721	\$32,721	\$32,721	\$32,721	\$32,721	\$32,721
Total Cost with 1.5% Inflation	1.50%			\$25,000	\$33,212	\$33,212	\$33,212	\$33,212	\$33,212	\$33,212	\$33,212	\$33,212	\$33,212	\$33,212
CIP Balance as of 2019				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
** Replacement 20-25T Trailer				\$96,737	\$129,949	\$163,161	\$196,372	\$188,984	\$221,705	\$62,067	\$95,279	(\$23,759)	(\$31,147)	\$2,064

Equipment Fund	Replacement Year	Replacement Year
99 Sweepster Tow Broom	30	2029
04 Chipper	20	2024
04 12 Ton Trailer	15	2020
19 Backhoe Cat 420Ew/thumb	12	2019
2011 Volvo Grader w/wing gear	15	2026
2013 JD 544K Loader	15	2028

Updated 8/21/20

HWY	Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Storm Water/Culverts/Bridges														
Storm Water Management	10	\$420,000	\$12,500	\$40,000	\$20,000	\$64,000	\$20,000	\$64,000	\$20,000	\$64,000	\$20,000	\$64,000	\$20,000	\$64,000
Culverts & Bridges Totals	30	\$275,000	\$9,166											
Culverts & Bridges Totals		\$695,000	\$21,666	\$40,000	\$20,000	\$64,000	\$20,000	\$64,000	\$20,000	\$64,000	\$20,000	\$64,000	\$20,000	\$64,000
Total Cost w/o Inflation		\$729,750	\$22,749	\$42,000	\$21,000	\$67,200	\$309,750	\$67,200	\$21,000	\$67,200	\$42,000	\$67,200	\$21,000	\$67,200
Total Cost with 5% Inflation	5.00%													
Storm Water/Culverts/Bridges														
Culverts			\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Bridges			\$9,166	\$9,166	\$9,166	\$9,166	\$9,166	\$9,166	\$9,166	\$9,166	\$9,166	\$9,166	\$9,166	\$9,166
Total Capital Reserve Funding w/o Inflation		Total	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666	\$21,666
Total Cost with 1.5% Inflation		\$729,750.00	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991
			0	0	0	0	0	0	0	0	0	0	0	0
Annual Contribution to CRF				\$40,000	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991	\$21,991
CRF Balance as of 2019			\$50,879.00	\$51,869.99	\$6,660.98	\$281,098.03	\$21,991	\$326,307.04	\$325,316.05	\$370,525.06	\$390,534.07	\$435,743.08	\$434,752.09	\$479,961.10

Gravel	Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Gravel Purchase	annual	15,000	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
Exploration	10	\$50,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
			\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
Annual Contribution to CRF			\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
CRF Balance as of 2019			\$15,225	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300
			\$683.00	\$983.00	\$6,283.00	\$6,583.00	\$11,883.00	\$11,883.00	\$12,183.00	\$17,483.00	\$17,783.00	\$23,083.00	\$18,083.00	\$23,383.00

Road Program	Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
RMS + Const Inflation 5%	15	\$500,000	\$33,333	\$420,250.00	\$508,276	\$481,184	\$500,000	\$500,075	\$502,575	\$505,088	\$507,614	\$510,152	\$512,703	\$515,266
HBG- State Aid		\$500,000	\$33,333	\$303,250	\$397,276	\$370,184	\$389,000	\$389,075	\$391,575	\$394,088	\$396,614	\$399,152	\$401,703	\$404,266
Total less HBG		\$525,000	\$35,000	\$307,799	\$403,235	\$375,737	\$394,835	\$394,911	\$397,449	\$400,000	\$402,563	\$405,139	\$407,728	\$410,330
Total Cost with 1.5% Inflation				\$424,235	\$442,937	\$462,111	\$481,449	\$462,111	\$481,449	\$467,200	\$444,563	\$472,339	\$428,728	\$477,530

Dam Maintenance and Proposed Fuel CIP

2019 - 2027

HWY	Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Dam Maintenance	10	\$50,000	\$5,000	\$30,000								50,000		
Total Cost w/o Inflation		\$50,000	\$1,250									\$50,000		
Total Cost with 1.5% Inflation	1.50%	\$50,750	\$1,269	\$30,000								\$50,750		
Capital Reserve Calculation	10		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Total Capital Reserve Funding w/o Inflation		Total	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Total Cost with 1.5% Inflation	1.50%		\$5,075	\$5,151	\$5,228	\$5,307	\$5,386	\$5,467	\$5,549	\$5,632	\$5,717	\$5,803	\$5,890	\$5,978
CIP Balance as of 2020		0		\$39,305	\$44,534	\$49,840	\$55,227	\$60,694	\$66,243	\$71,876	\$77,593	\$82,645	\$88,535	\$94,513
HWY	Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Fuel Facility	20	\$25,000	\$1,250		\$25,000									
Total Cost w/o Inflation		\$25,000	\$1,250	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Cost with 1.5% Inflation	1.50%	\$25,375	\$1,269	\$0	\$25,375	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Reserve Calculation	20		\$1,250	\$5,000	\$5,000	\$2,500	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Total Capital Reserve Funding w/o Inflation		Total	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
Total Cost with 1.5% Inflation	1.50%		\$1,269	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288
CIP Balance as of 2020		0	\$0	\$2,557	(\$21,531)	(\$20,243)	(\$18,955)	(\$17,667)	(\$16,380)	(\$15,092)	(\$13,804)	(\$12,516)	(\$11,228)	(\$11,228)

Table 9

SOLID WASTE DEPARTMENT EQUIPMENT CIP
2021-2030

Solid Waste Facility	Life Expect	Replacement Cost	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Facility Improvement Fund														
CIMA Engineering did not suggest any major improvements in the coming years														
Facility Improvement Fund														
Balance appropriated 2019		\$0												
Balance		\$77,622.00												
Equipment Fund														
91 Baler	30	\$17,000	\$566.67		\$17,000									
02 MSW 2 Compactor/Hopper	25	\$30,000	\$1,200								\$30,000			
10 Plastic Compactor/Hopper	20	\$20,000	\$1,000											\$ 20,000
16 MSW 1 Compactor/Hopper	20	\$30,000	\$1,500											
13 Vertical Baler	20	\$17,000	\$850.00											
02 MSW 2 Container	20	\$10,000	\$500.00	\$10,000										
10 Plastic Container	20	\$10,000	\$500											\$ 10,000
16 MSW 1 Container	20	\$10,000	\$500.00											
02 Open Top Container	10	\$10,000	\$1,000											
Excavator**	20	\$160,000	\$16,000	\$8,500	\$30,000									
10 Bobcat Skid Steer	16	\$44,000	\$2,750.00							\$44,000				
Vehicle Scale	30	\$60,000	\$2,000.00		\$40,000									
Total Cost w/o Inflation		\$418,000	\$28,367	\$18,500	\$87,000	\$10,000	\$0	\$0	\$0	\$44,000	\$30,000	\$0	\$0	\$30,000
Total Cost with 1.5% Inflation	1.50%	\$424,270	\$28,792	\$18,778	\$88,305	\$10,150	\$0	\$0	\$0	\$44,660	\$30,450	\$0	\$0	\$30,450
Equipment Fund														
Replacement Year														
91 Baler	30	2021	\$567	\$567	\$567	\$567	\$567	\$567	\$567	\$567	\$567	\$567	\$567	\$567
02/20 MSW 2 Compactor/Hopper	20	2040	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
10 Plastic Compactor/Hopper	20	2030	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
16 MSW 1 Compactor/Hopper	20	2036	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
13 Vertical Baler	20	2033	\$850	\$850	\$850	\$850	\$850	\$850	\$850	\$850	\$850	\$850	\$850	\$850
02 MSW 2 Container	20	2022	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
10 Plastic Container	12	2022	\$833	\$833	\$833	\$833	\$833	\$833	\$833	\$833	\$833	\$833	\$833	\$833
16 MSW 1 Container	20	2036	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
02/20 Open Top Container	20	2040	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
10 Bobcat Skid Steer	16	2026	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200
Excavator **	10	2019	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Vehicle Scale	30	2021	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Total			\$20,000	\$16,950	\$16,950	\$16,950	\$16,950	\$16,950	\$16,950	\$16,950	\$16,950	\$16,950	\$16,950	\$16,950
1.50%			\$20,000	\$20,300	\$20,605	\$20,914	\$21,227	\$21,546	\$21,869	\$22,197	\$22,530	\$22,868	\$23,211	\$23,564
Balance			\$ 55,836.21	\$10,864	\$7,591	\$20,654	\$41,882	\$63,427	\$41,296	\$56,023	\$33,493	\$22,915	\$16,126	\$16,126

** - Excavator to be shared with Highway Div.

4/26/2023 5:52:20

02 MSW 2 Compactor/Hopper	25	2027	2051	16	2026	2042
02 MSW 2 Container	20	2020	2040	20	2030	2050
16 MSW 1 Compactor/Hopper	20	2036	2056	30	2043	2073
16 MSW 1 Container	20	2036	2056	20	2041	2062
10 Plastic Compactor/Hopper	20	2030	2050	20	2020	2040
10 Bobcat Skid Steer						
10 Plastic Container						
13 Vertical Baler						
Excavator						
02/20 Open Top Cont						

Vehicle/Equipment Maintenance CIP
2021-2030

HWY	Life Expect	Replacement Costs	Replace Cost/Yr	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Equipment Fund														
Engine Replacement	10	\$25,000	\$2,500	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Transmission Replacement	10	\$6,000	\$600											
Truck Insurance loss/depreciation	10	\$75,000	\$7,500											
Miscellaneous Expenses	Annual	\$10,000	\$5,000											
Total Cost w/o Inflation		\$116,000	\$15,600	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Total Cost with 1.5% Inflation	1.50%	\$117,740	\$15,834	\$10,150	\$10,150	\$10,150	\$10,150	\$10,150	\$10,150	\$10,150	\$10,150	\$10,150	\$10,150	\$10,150
Equipment Fund														
Engine Replacement	10	\$25,000	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Transmission Replacement	10	\$6,000	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
Truck Insurance loss/depreciation	10	\$75,000	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Miscellaneous Expenses	Annual	\$10,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Total Capital Reserve Funding w/o Inflation		Total	\$10,600	\$22,000	\$15,600	\$15,600	\$15,600	\$15,600	\$15,600	\$15,600	\$15,600	\$10,600	\$10,600	\$10,600
Total Cost with 1.5% Inflation	1.50%	\$117,740.00	\$10,759	\$22,330	\$15,834	\$15,834	\$15,834	\$15,834	\$15,834	\$15,834	\$15,834	\$10,759	\$10,759	\$10,759
CIP Balance as of 2020				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029
				\$27,935	\$33,619	\$39,069	\$44,753	\$50,437	\$55,887	\$61,571	\$67,255	\$62,021	\$62,180	\$67,864

Updated 8/31/20

Smith Ballfield	Life Expect	Replace Costs	Replace Cost/yr av.	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Guardrail at Smitty's Way	20	\$ 5,000.00	\$ 250.00											
Irrigation System at Smitty's Way	20	\$ 15,000.00	\$ 750.00											
Storage Facility at Smitty's Way	20	\$ 30,000.00	\$ 1,500.00											
				\$ 30,000.00										
Playground: Ballfields	10	\$ 15,000.00	\$ 1,500.00									\$ 15,000.00		
Total Cost w/o Inflation		\$ 65,000.00			\$ 7,500.00	\$ 30,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -	\$ -
Total Annual Cost + 1.5% Inflation		\$ 65,975.00			\$ 7,612.50	\$ 30,450.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,225.00	\$ -	\$ -
Capital Reserve Calculation				2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Guardrail at Smitty's Way	20	\$ 5,000.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00
Irrigation System at Smitty's Way	20	\$ 15,000.00	\$ 750.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00	\$ 375.00
Storage Facility at Smitty's Way	20	\$ 30,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
Playground	10	\$ 15,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
Totals		\$ 65,000.00	\$ 12,676.00	\$ -	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00	\$ 3,625.00
Total Annual Cost + 1.5% Inflation		\$ 65,975.00	\$ -	\$ -	\$ 3,625.00	\$ 3,679.38	\$ 3,734.57	\$ 3,790.58	\$ 3,847.44	\$ 3,905.15	\$ 3,963.75	\$ 4,023.19	\$ 4,083.54	\$ 4,144.79
CIP Balance as of 2020				\$ 7,656.17	\$ 3,781.17	\$ (22,539.46)	\$ (18,804.89)	\$ (15,014.31)	\$ (11,166.86)	\$ (7,261.71)	\$ (3,297.98)	\$ (14,274.79)	\$ (10,191.25)	\$ (10,130.00)

Replacement Year	2019	2039
Guardrail at Smitty's Way	2019	2039
Irrigation System at Smitty's Way	2019	2039
Storage Facility at Smitty's Way	2021	2041
Town Vehicle	2023	2033
Playground: Ballfields	2019	2028

Proposed CRF

Life Expect	Replace Costs	Replace Cost/yr av.	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Town Vehicle	10	\$ 3,000.00											
			\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00
Totals		\$ 3,000.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00	\$ 3,202.00
Total Annual Cost + 1.5% Inflation		\$ 3,208.00	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03	\$ 3,250.03
CIP Balance as of 2018			\$ 3,250	\$ 6,500.06	\$ 9,750.09	\$ 13,000.12	\$ 16,250.15	\$ 19,500.18	\$ 22,750.21	\$ 26,000.24	\$ 29,250.27	\$ 32,500.30	\$ 35,750.33