



CAPITAL IMPROVEMENTS PROGRAM COMMITTEE

TO: Board of Selectmen
FROM: Enid Burrows, Chair
RE: Capital Improvements Program
DATE: July 19, 2018

On behalf of the Capital Improvements Program Committee, I am pleased to submit our proposed Capital Improvements Program Report for Fiscal Years 2019 – 2024 for your consideration. The sum of all projects recommended is \$10,509,009 for the six-year program (capital spending year plus five planning years) with \$2,500,503 of this recommended for 2019.

In our ninth year, our process of how we gather information and the process we utilize, remained similar to the efficient processes previously developed by former committees. We continued to use weighted scoring on Form D to rank order projects for 2019. The primary difference in our process this year compared with previous years was that we asked Department Heads to address the categories on Form D with respect to each of their proposed capital expenditures. The accompanying report and CIP spreadsheet shows the final rankings and the class for each project for 2019.

We would like to thank all the Department Heads for the presentations on their needs. Some of them returned to us, taking time from their daily workload, to answer questions and provide us with requested facts and figures. Without their full cooperation, we could not have completed this document. Special thanks to Robert (Bob) Ward, Town Planner; Walter Johnson, Town Administrator; Heidi Davis, Finance Director; and Bonnie Whitney, Administrative Assistant to the Town Planner, for their valuable guidance and assistance.

Capital Improvements Program Committee:

Enid Burrows	Chair	Community At-Large
Edward Harrington	Member	Community At-Large
Cody Gray	Member	Advisory Budget Committee
Amy Lindamood	Member	Planning Board
Joel Mudgett	Member	Board of Selectmen
Thomas Howard	Alternate	Community At-Large
Paul Marshall	Alternate	Community At-Large
Russell C. Wakefield	Alternate	Board of Selectmen



PROPOSED DEPARTMENT PROJECTS FOR 2019 OVERVIEW

Below is an overview of the projects by department with a brief description, the proposed project cost and the class and rank from the Capital Improvement Program Committee. The Class Definitions are broken down as follows:

- Class 1: Urgent - need immediately for health and safety
- Class 2: Justified - need to maintain basic level and quality of service
- Class 3: Desirable - need to improve quality and level of service
- Class 4: Unprogrammed, not enough information provided to evaluate need
- Class 5: Prior Approved Expense (Lease Payment)
- Class 6: Not Considered
- Class 7: Not Recommended

The Committee then ranked each project individually and by using a weighted score the projects were put into ranking order from 1 to 14. The ranking sheets are attached, by line item, ranking order and then by the individual committee member.

Department of Public Works

Project Title: Public Safety Building Boiler/Hot Water Tank Upgrades

Project Cost: \$80,000

Class: 2

Rank: 4

Description: Replacement of aged Boiler and Hot Water Tank that were installed when the building was originally constructed around 2004, these items are about at the end of their useable life.

Project Title: Road Projects

Project Cost: \$925,000

Class: 2

Rank: 6

Description: Annual Road Maintenance Program. In 2017 was under contract with Lakes Region Planning Commission for a "Road Surface Management System Assessment": which will assist the DPW in long term road maintenance programming. The objective of the RSMS Program is to preserve town paved roads over the long term through effective maintenance programming. The RSMS includes estimates for each recommended improvement/maintenance project which is used to develop the Road Project budgets from year to year.

Project Title: **19.5 GVW Dump Truck w/Plow, Wing and Sander**

Project Cost: \$120,000

Class: 2

Rank: 12

Description: Replacement for the Ford F550 dump truck with plow, wing and sander. The useful life of this truck is 10 years.

Project Title: **3500 1-Ton Pick up with Plow and Sander**

Project Cost: \$73,000

Class: 1

Rank: 5

Description: Replacement for the 2006 GMC Sierra Pick up truck which is now 2 years beyond its "life cycle replacement year" in the replacement program.

Project Title: **47 K GVW Dump Truck with Plow, Wing and Sander**

Project Cost: \$180,000

Class: 1

Rank: 8

Description: Replacement for the International dump truck with plow, wing and sander. The useful life of this is 13 years. This truck has a very high maintenance cost history and the extended warranty period for this truck expires at the end of 2018.

Project Title: **Lease Purchase of Volvo ECR145EL Excavator**

Project Cost: \$145,000

Class: 3

Rank: 13

Description: To remove this equipment from the annual rental budget and enter into a lease/purchase agreement rather than the annual rental program which would provide reduced costs to the Town.

Project Title: **Lease Purchase of Volvo SD75B Roller**

Project Cost: \$77,000

Class: 3

Rank: 14

Description: To remove this equipment from the annual rental budget and enter into a lease/purchase agreement rather than the annual rental program which would provide reduced costs to the Town.

Fire Department

Project Title: **Initial Attack Apparatus/Multi Use Vehicle**

Project Cost: \$264,864

Class: 1

Rank: 9

Description: To replace a diesel vehicle, keeping the maintenance costs equivalent. This vehicle will be housed at the Neck Road Station, to enhance the level service to those on Moultonboro Neck which is the longest distance from the main station.

Project Title: **Self-Containing Breathing Apparatus**

Project Cost: \$222,120 (25 units @ \$8,884.80)

Class: 1

Rank: 2

Description: Replacement of breathing apparatus obtained in 2005. The request is for 25 air packs, 50 cylinders, 35 masks and associated equipment.

Police Department

Project Title: **Patrol Rifles**

Project Cost: \$15,000

Class: 1

Rank: 1

Description: Patrol Rifle Replacement. Replaces the existing rifles to ensure accuracy and are in good working order if needed.

Project Title: **Cruiser**

Project Cost: \$45,189

Class: 2

Rank: 3

Description: Replacement of the 2013 Ford Utility SUV which is on the replacement schedule.

Recreation Department

Project Title: **States Landing Phase 3**

Project Cost: \$175,000

Class: 3

Rank: 6

Description: To continue to add to the Capital Reserve Fund established in 2016 for improvements

Project Title: **Moultonborough Neck Pathway Phase 3**

Project Cost: \$100,000

Class: 3

Rank: 11

Description: To continue to add to the Capital Reserve Fund established in 2018 with a goal to complete the pathway project.
by 2022

Project Title: **Ice Rink Improvements**

Project Cost: \$78,330

Class: 2

Rank: 9

Description: Replacement of the dasher boards and replacement of the plexiglass panels with chain link panels. Phase 2 of the skating facility is the proposed replacement of the surface under the ice skating surface. The new base surface will be either asphalt or concrete. Phase 3 will be the re-configuring of the ice rink buildings. No phase of the ice rink project is dependent on the other phases of the project.

Moultonborough School District

No submissions for 2019

Conservation Commission

No submissions for 2019

Heritage Commission

No Submissions for 2019

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	
2	Dept.	Purpose	Project	TM-Approved 2016	Class	TM-Approved 2017	Class	TM-Approved 2018	Class	CAPITAL YEAR REQUESTS			2020	Class	2021	Class	FIVE YEAR PLANNING		2023	Class	2024	Class	6-Year
3	BLDG		Facilities Energy Upgrades	\$ 30,000.00	3	\$ 75,000.00	3	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	Project Totals
4	BLDG		Public Safety Parking Lot Replacement	\$ 175,000.00	3	\$ 175,000.00	1	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
5	BLDG	ON-GOING	Facilities Flooring Replacement & Repainting	\$ -		\$ -		\$ 30,000.00	2	\$ -		\$ 30,000.00		\$ -		\$ 30,000.00		\$ -		\$ -		\$ 30,000.00	\$ 90,000.00
6	BLDG	NEW	2018 Highway Garage Portable Rotary Lift	\$ -		\$ -		\$ 75,000.00	1	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
7	BLDG	UPGRADE	2018 Highway Garage Generator Upgrade	\$ -		\$ -		\$ 42,000.00	1	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
8	BLDG	UPGRADE	2019 PSB Boiler & Hot Water Tank Upgrades	\$ -		\$ -		\$ -		\$ 80,000.00	2	4	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 80,000.00
9	BLDG	UPGRADE	2018 & 2019 Highway Garage Maint. Bays & Renovations	\$ -		\$ -		\$ -		\$ -		\$ 20,000.00		\$ 400,000.00		\$ -		\$ -		\$ -		\$ -	\$ 420,000.00
10				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
11			Subtotal	\$ 205,000.00		\$ 250,000.00		\$ 147,000.00		\$ 80,000.00		\$ 50,000.00		\$ 400,000.00		\$ 30,000.00		\$ -		\$ 30,000.00		\$ 590,000.00	
12																							
13	DPW	ANNUAL	Road Projects	\$ 825,000.00	2	\$ 830,000.00	2	\$ 900,000.00	2	\$ 925,000.00	2	6	\$ 950,000.00		\$ 975,000.00		\$ 1,000,000.00		\$ 1,000,000.00		\$ 1,000,000.00		\$ 5,850,000.00
14	DPW		2016 10 Wheel Dump Truck	\$ 100,000.00	2	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
15	DPW		2016 1-Ton Pickup w/Plow and Sander	\$ 54,000.00	3	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
16	DPW		2017 1-Ton Pickup w/Plow and Sander	\$ -		\$ 69,000.00	2	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
17	DPW		2017 20 Ton Equipment Trailer (reconditioned)	\$ -		\$ 20,000.00	3	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
18	DPW		2018 35 K GVW Dump w/Plow, Wing & Sander	\$ -		\$ -		\$ 180,000.00	2	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
19	DPW		2018 Leica GPS RTK/GNSS (GS16 Base/Rover Kit)	\$ -		\$ -		\$ 26,527.00	2	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
20	DPW		2018 Village Sidewalk Construction - FAILED	\$ -		\$ -		\$ -	3	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
21	DPW		2018 New Sidewalk Maintenance Tractor & Attachments - FAILED	\$ -		\$ -		\$ -	3	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
22	DPW		2018 1500 Crew Cab Pick Up	\$ -		\$ -		\$ 40,000.00	2	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
23	DPW	REPLACEMENT	2019 19.5 K GVW Dump Truck w/Plow, Wing and Sander	\$ -		\$ -		\$ -		\$ 120,000.00	2	12	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 120,000.00
24	DPW	REPLACEMENT	2019 3500 1-Ton Pick Up w/Plow and Sander	\$ -		\$ -		\$ -		\$ 73,000.00	1	5	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 73,000.00
25	DPW	REPLACEMENT	2019 47 K GVW Dump Truck w/Plow, Wing and Sander	\$ -		\$ -		\$ -		\$ 180,000.00	1	8	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 180,000.00
26	DPW	LEASE	2019 Lease Purchase of Volvo ECR145EL Excavator	\$ -		\$ -		\$ -		\$ 145,000.00	3	13	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 145,000.00
27	DPW	LEASE	2019 Lease Purchase of Volvo SD75B Roller	\$ -		\$ -		\$ -		\$ 77,000.00	3	14	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 77,000.00
28	DPW	REPLACEMENT	2020 19.5 K GVW Dump Truck w/Plow, Wing and Sander	\$ -		\$ -		\$ -		\$ -		\$ 120,000.00		\$ -		\$ -		\$ -		\$ -		\$ 120,000.00	
29	DPW	REPLACEMENT	2020 3500 1-Ton Pick Up w/Plow	\$ -		\$ -		\$ -		\$ -		\$ 73,000.00		\$ -		\$ -		\$ -		\$ -		\$ 73,000.00	
30	DPW	REPLACEMENT	2020 47 K GVW Dump Truck w/Plow, Wing and Sander	\$ -		\$ -		\$ -		\$ -		\$ 180,000.00		\$ -		\$ -		\$ -		\$ -		\$ 180,000.00	
31	DPW	REPLACEMENT	2020 7-passenger Fleet Van Replacement	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 28,000.00		\$ -		\$ -		\$ -		\$ 28,000.00	
32	DPW	REPLACEMENT	2021 Backhoe w/Attachments	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 175,000.00		\$ -		\$ -		\$ -		\$ 175,000.00	
33	DPW	REPLACEMENT	2022 3500 1-Ton Pick Up w/Plow and Sander	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 73,000.00		\$ -		\$ -		\$ 73,000.00	
34	DPW	REPLACEMENT	2023 10 Wheel Dump Truck 55k GVW w/Plow, wing, sander	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 250,000.00		\$ -		\$ 250,000.00	
35	DPW	NEW	2024 Skid Steer	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 50,000.00		\$ 50,000.00	
36				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
37			Subtotal	\$ 979,000.00		\$ 919,000.00		\$ 1,146,527.00		\$ 1,520,000.00		\$ 1,323,000.00		\$ 1,178,000.00		\$ 1,073,000.00		\$ 1,250,000.00		\$ 1,050,000.00		\$ 7,394,000.00	
38																							
39	FIRE		Replacement of Rescue 1 - \$ 450K est - 5 yr lease-purchase	\$ 89,906.00	5	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
40	FIRE		Replacement of Rescue 2 - \$ 242K est - 5 yr Lease	\$ 48,223.00	5	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
41	FIRE		Replacement of Pumper (Engine 2)	\$ 400,000.00	5	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
42	FIRE		Replacement of Chief's Command Vehicle	\$ -		\$ 52,500.00	2	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
43	FIRE		2018 Replacement of Forestry Vehicle (combine replacement of F1&E3)	\$ -		\$ -		\$ 495,000.00	1	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
44	FIRE	REPLACEMENT	2019 Replacement of First Responder Medical Vehicle with Intial Attack Apparatus	\$ -		\$ -		\$ -		\$ 264,864.00	1	9	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 264,864.00
45	FIRE	REPLACEMENT	2019 Replacement of Self-Contained Breathing Apparatus	\$ -		\$ -		\$ -		\$ 222,120.00	1	2	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 222,120.00
46	FIRE	NEW	2020 Slide in Brush Fire Unit for Utility Truck	\$ -		\$ -		\$ -		\$ -		\$ 10,950.00		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 10,950.00
47	FIRE	REPLACEMENT	2020 Replacement of Brush Truck	\$ -		\$ -		\$ -		\$ -		\$ 73,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 73,000.00
48	FIRE	REPLACEMENT	2021 First Responder Medical Vehicle	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 277,000.00		\$ -		\$ -		\$ -		\$ -	\$ 277,000.00
49	FIRE	REPLACEMENT	2021 UTV with Fire/Rescue Skid and trailer	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 32,800.00		\$ -		\$ -		\$ -		\$ -	\$ 32,800.00
50	FIRE	REPLACEMENT	2022 3/4 Ton Utility Pick Up with crew cab	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 60,500.00		\$ -		\$ -		\$ -	\$ 60,500.00
51	FIRE	NEW	2023 Hovercraft for Ice Rescue	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 105,200.00		\$ -		\$ -	\$ 105,200.00
52	FIRE	UPGRADE	2024 Upgrade (

Master Sheet for Scoring 2019 Projects (in 2018)

By Line Item
FINAL

Line Item	Dept	Rank	Class	Project Name	Cost	Enid	Ed H.	Paul	Amy	Joel	Tom	Cody	Median
8	Bldgs	4	2	PSB Boiler & Hot Water Tank Upgrade	80,000	69.0	77.0	61.8	69.4	57.8	69.0	66.0	69.0
13	DPW - Hwy	6	2	Road Projects	925,000	72.6	64.2	65.8	79.8	56.4	85.0	66.4	66.4
23	DPW - Hwy	12	2	19.5 K GVM Dump Truck w/ Plow, Wing & ...	120,000	50.6	65.8	60.8	66.6	54.0	56.6	71.0	60.8
24	DPW - Hwy	5	1	1-Ton Pick-up w/ Plow & Sander	73,000	62.6	66.4	66.6	69.8	51.2	72.2	77.6	66.6
25	DPW - Hwy	8	1	47K GVM Dump Truck w/ Plow, Wing & ...	180,000	59.4	74.4	66.0	71.8	55.2	69.4	66.0	66.0
26	DPW - Hwy	13	3	Lease Purchase Volvo ECR145EL Excavator	145,000	59.6	73.2	61.3	55.8	52.2	54.4	72.6	59.6
27	DPW - Hwy	14	3	Lease Purchase Volvo SD75B Roller	77,000	59.4	66.4	57.0	55.8	47.8	44.8	67.8	57.0
44	Fire	9	1	First Responder Medical Veh. Initial App	264,864	60.4	79.0	69.8	74.2	65.8	57.4	63.2	65.8
45	Fire	2	1	Self Contained Breathing Apparatus	222,120	70.0	76.2	69.0	78.2	65.8	75.8	76.8	75.8
62	Police	1	1	Patrol Rifles	15,000	75.8	77.8	83.6	81.8	69.0	78.2	67.0	77.8
63	Police	3	2	Police Ford Interceptor Utility Vehicle	45,189	75.0	67.4	70.2	69.0	64.8	75.4	73.6	70.2
74	Rec	6	3	States Landing Phase 3	175,000	69.2	67.4	70.4	59.4	61.0	61.4	66.4	66.4
75	Rec	11	3	Moultonboro Neck Pathway-Phase 3	100,000	67.8	56.2	61.8	64.8	56.8	68.8	70.0	64.8
78	Rec	9	2	Ice Rink Improvements	78,330	71.0	81.4	70.6	62.0	53.4	65.8	64.0	65.8

2,500,503

Master Sheet for Scoring 2019 Projects (in 2018)

By Rank
FINAL

Line Item	Dept	Rank	Class	Project Name	Cost	Enid	Ed H.	Paul	Amy	Joel	Tom	Cody	Median
62	Police	1	1	Patrol Rifles	15,000	75.8	77.8	83.6	81.8	69.0	78.2	67.0	77.8
45	Fire	2	1	Self Contained Breathing Appartus	222,120	70.0	76.2	69.0	78.2	65.8	75.8	76.8	75.8
63	Police	3	2	Police Ford Interceptor Utility Vehicle	45,189	75.0	67.4	70.2	69.0	64.8	75.4	73.6	70.2
8	Bldgs	4	2	PSB Boiler & Hot Water Tank Upgrade	80,000	69.0	77.0	61.8	69.4	57.8	69.0	66.0	69.0
24	DPW - Hwy	5	1	1-Ton Pick-up w/ Plow & Sander	73,000	62.6	66.4	66.6	69.8	51.2	72.2	77.6	66.6
13	DPW - Hwy	6	2	Road Projects	925,000	72.6	64.2	65.8	79.8	56.4	85.0	66.4	66.4
74	Rec	6	3	States Landing Phase 3	175,000	69.2	67.4	70.4	59.4	61.0	61.4	66.4	66.4
25	DPW - Hwy	8	1	47K GVM Dump Truck w/ Plow, Wing & ...	180,000	59.4	74.4	65.2	71.8	55.2	69.4	66.0	66.0
44	Fire	9	1	First Responder Medical Veh. Initial App	264,864	60.4	79.0	69.8	74.2	65.8	57.4	63.2	65.8
78	Rec	9	2	Ice Rink Improvements	78,330	71.0	81.4	70.6	62.0	53.4	65.8	64.0	65.8
75	Rec	11	3	Moultonboro Neck Pathway-Phase 3	100,000	67.8	56.2	61.8	64.8	56.8	68.8	70.0	64.8
23	DPW - Hwy	12	2	19.5 K GVM Dump Truck w/ Plow, Wing & ...	120,000	50.6	65.8	60.8	66.6	54.0	56.6	71.0	60.8
26	DPW - Hwy	13	3	Lease Purchase Volvo ECR145EL Excavator	145,000	59.6	73.2	41.0	55.8	52.2	54.4	72.6	55.8
27	DPW - Hwy	14	3	Lease Purchase Volvo SD75B Roller	77,000	59.4	66.4	47.0	55.8	47.8	44.8	67.8	55.8

2,500,503

			A	B	C	CAPITAL YEAR REQUESTS			FIVE YEAR PLANNING								P	Q		
						D	E	F	G	H	I	J	K	L	M	N			O	Class
1	Dept.	Purpose	Project															Project Totals		
2																				
3	BLDG	ON-GOING																		
4	BLDG	NEW																		
5	BLDG	UPGRADE																		
6	BLDG	REPLACEMENT																		
7	BLDG	MODIFY																		
8	DPW	ANNUAL																		
9	DPW	REPLACEMENT																		
10	DPW	REPLACEMENT																		
11	DPW	REPLACEMENT																		
12	DPW	LEASE																		
13	DPW	LEASE																		
14	DPW	REPLACEMENT																		
15	DPW	REPLACEMENT																		
16	DPW	REPLACEMENT																		
17	DPW	REPLACEMENT																		
18	DPW	REPLACEMENT																		
19	DPW	REPLACEMENT																		
20	DPW	REPLACEMENT																		
21	DPW	NEW																		
22																				
23																				

Town of Moultonborough

Public Works

P.O. Box 139, 68 Highway Garage Rd
Moultonborough, NH 03254
603-253-7445- Office
e-mail: ctheriault@moultonboroughnh.gov



Chris Theriault
Director of Public Works

To: Capital Improvement Program Committee
Cc: Robert Ward, Town Planner
Re: CIP Requests for 2019-2024
Date: June 27, 2018

Chairman Burrows & Planner Ward,

Please find attached the Additional Information Requested for Public Works FY 2019-2024 Projects for CIPC (equipment). Listed below are the Equipment Projects for FY2019 in order of priority for the DPW.

FY2019 EQUIPMENT

DPW Priority No.1:

\$73,000 One-ton Pick-Up w/Plow & Sander
Replacement of: #1 2006 GMC Sierra 2500 4x4 w/Plow

The DPW Fleet Pick-Up Series Trucks with plow & sander are utilized throughout the year in many aspects of the departments operations. During winter operations, these trucks are utilized for plowing, sanding, and assisting with maintaining winter access on all the Town roads for emergency access as well as maintaining safe travel routes for school buses and the travelling public. These trucks are also utilized for keeping town parking lots and facilities safe and clear during winter storms. This truck, Truck #1, during spring/summer/fall operations is utilized for facilities, grounds, beaches, cemeteries, and roads maintenance. The useful life of these vehicles particularly with the wear and tear of winter maintenance is 10 years. Maintenance costs, based on available records for this vehicle, is around \$1,700 however, body work was required for this vehicle to pass inspection last year and is currently two (2) years beyond its life cycle replacement year.

DPW Priority No.2:

\$180,000 47K GVW Dump w/Plow, Wing & Sander
Replacement of: #7 2011 International 4900 Dump w/Plow, Wing & Sander

The DPW Fleet 6-Wheel Series 40K+ GVW Dump Trucks with plow, wing & sander are utilized throughout the year in many aspects of the departments operations. During winter operations, these trucks are utilized for plowing, sanding, and maintaining winter access on all the Town roads for emergency access as well as maintaining safe travel routes for school buses and the travelling public. This truck, Truck #7, during spring/summer/fall operations is utilized mainly for loading and hauling of materials to/from the road maintenance projects including roadway grading, ditching, and culvert work. The useful life of these vehicles particularly with the wear and tear of winter maintenance is 13 years. Maintenance costs, based on available records for this vehicle (since 2015), is over \$29,000 with over

\$10,000 of that expended within the last year. Further, the extended warranty period for this vehicle expires by the end of 2018.

DPW Priority No.3:

***\$145,000 Lease Purchase of Volvo ECR145EL Excavator
Remove from Annual Rental Budget***

As part of the 2018 DPW Budget, the Highway Department maintains an annual heavy equipment rental line for an excavator (\$30,000). The highway department maintains approximately 70 miles of town roadways, including gravel roads, along with all the associated drainage facilities (culverts and ditch lines). Heavy equipment, such as excavators are a critical part of this annual upkeep. In-depth research conducted by the DPW team finds that it would be advantageous to the town and the department to enter into a lease/purchase agreement rather than an annual rental program, which was done in April 2018. For less than the cost of renting the equipment over a 5-month period, the lease/purchase allows year-round usage of the equipment, extending our maintenance season and allowing the department to handle any emergency road work any time of the year.

The lease/purchase is advantageous for a couple reasons. The first being the cost savings over the life cycle of 15 to 20 years. The town would instantly be saving \$1,811.46 in per year fees. Additionally, with the proposed lease/purchase option, after 7 years of 6 monthly payments per year, the town would own the equipment outright with no monthly/yearly fee for 8 to 13 years. This is a savings of \$240,000 to \$390,000 over the life cycle of this equipment. This large amount of savings will more than allow the DPW to handle the necessary maintenance of \$200-\$400 per year and future replacement of the undercarriage at 4-5,000 hours (\$4,500 +/-). After leasing the excavator for one year, which is already part of the 2018 operating budget, the purchase price will drop significantly. The town will then have the opportunity to purchase this piece of equipment at a reduced rate from a new piece of equipment, while at the same time knowing it was maintained correctly from the day it was built.

This equipment was key to doing preventative maintenance and handling the multiple emergency situations in 2017. During 2017, DPW rented an excavator for 5 months at a cost of \$5,000/month. This was used for 89 days during that 21-week period (730 hrs. +/-) to do culvert installations along with drainage and gravel road maintenance projects on Bodge Hill, Blacks Landing, Blake, Cottage, Far Echo, Geneva Point, Harvard Camp, Holland Hill, Glidden, Jacobs, Lee, Lees Mills, Melly Lane, Old Harvard, Old Red Hill, Red Hill, Redding, Shaker Jerry, Sheridan, Severance, Wentworth Shores, and Winaukee Roads. This piece of equipment was also essential at the transfer station in removing and screening the brush/wood debris that had built up over many years in the brush area.

DPW Priority No.4:

***\$120,000 19.5K GVW Dump w/Plow, Wing & Sander
Replacement of: #15 2009 Ford F550 Dump w/Plow, Wing & Sander***

The DPW Fleet 550 Series 19.5K GVW Dump Trucks with plow, wing & sander are utilized throughout the year in many aspects of the departments operations. During winter operations, these trucks are utilized for plowing, sanding, and maintaining winter access on all the Town roads for emergency access as well as maintaining safe travel routes for school buses and the travelling public. This truck, Truck #15, during spring/summer/fall operations is a dedicated truck set up with the blower/vacuum attachment for leaf/debris removal from roads and roadside ditches as well as many of the town-maintained cemeteries. It also holds the leaf/chip collection box to catch the leaf debris from the vacuum and the wood chips from the tow-behind chipper during tree/brush removal operations. The useful life of these vehicles particularly with the wear and tear of winter maintenance is 10 years.

Maintenance costs, based on available records for this vehicle, is over \$7,000 with \$4,200 of that expended over the last year.

DPW Priority No.5:

**\$77,000 *Lease Purchase of Volvo SD75B Roller*
*Remove from Annual Rental Budget***

As part of the 2018 DPW Budget, the Highway Department maintains an annual heavy equipment rental line for a roller (\$15,000). The highway department maintains approximately 70 miles of town roadways, including gravel roads, along with all the associated drainage facilities (culverts and ditch lines). Heavy equipment, such as rollers are a critical part of this annual upkeep. In-depth research conducted by the DPW team finds that it would be advantageous to the town and the department to enter into a lease/purchase agreement rather than an annual rental program, which was done in April 2018. For less than the cost of renting the equipment over a 5-month period, the lease/purchase allows for a longer season of usage of the equipment, extending our maintenance season and allowing the department to handle any emergency road work any time of the year, if needed.

The lease is advantageous for a couple reasons. The first being the cost savings over the life cycle of 15 to 20 years. The town would instantly be saving \$2007.35 in per year fees. Additionally, with the proposed lease/purchase option, after 7 years of 6 monthly payments per year, the town would own the equipment outright with no monthly/yearly fee for 8 to 13 years. This is a savings of \$120,000 to \$195,000 over the life cycle of this equipment. This large amount of savings will more than allow the DPW to handle the necessary maintenance of \$200-\$400 per year. After leasing the roller for one year, which is already part of the 2018 operating budget, the purchase price will drop significantly. The town will then have the opportunity to purchase this piece of equipment at a reduced rate from a new piece of equipment, while at the same time knowing it was maintained correctly from the day it was built.

Most importantly, The Town of Moultonborough has certain expectations of their gravel roads. With this high level of expectations, it is necessary to use the correct equipment to do the job correctly. The purchase of this roller, at the reduced rate, would allow the gravel roads to be compacted properly and in a manner to achieve these expectations, lower maintenance costs to the resident's vehicles, and reduce the complaints from the ongoing washboard effect hazards that we are currently seeing shortly after our grading operations without the use of a roller.

In purchasing the roller, versus renting, the highway department would be saving additional time and funds from having to rent, along with the continual pick up and drop off a roller every time the roads need to be graded and rolled/compacted properly. Currently not being able to use a roller due to budgetary reasons, we are having to pack the roads with the tires of a dump truck, which is not effective. However, while utilizing this method, the roads are not getting compacted in the proper manner, and in turn, we are seeing the washboard hazard show up more frequently on many gravel roads throughout town which creates a driving hazard to the travelling public.

DPW Fleet Replacement

Updated: 2, 2018

Year	Sub-Dept	Vehicle #	Description	GVWR	Cycle	2018 pricing	ARC	Remaining (Yrs)	Life Cycle Replacement Year	Scheduled CIP Replacement Year	Vin#	Reg #
2006	Hwy	1	GMC Sierra HD 2500 4x4 SRW		10	\$73,000.00	\$7,300.00	-2	2016	2019	1GTHK24U06E215248	G03266
2009	Hwy	15	Ford F550 Dump	19,500	10	\$120,000.00	\$12,000.00	1	2019	2019	1FDAF5T999EB25420	G17981
2011	Hwy	7	International 4900 Dump	41,180	13	\$175,000.00	\$13,467.54	6	2024	2019	1HTWDAAR6C1616353	G07960
2003	Hwy	8	Ford F350 4x4, SRW	11,100	10	\$73,000.00	\$7,300.00	-5	2013	2020	1FTSF31L53ED16261	G11343
2010	Hwy	2	Ford F550 Dump	19,500	10	\$120,000.00	\$12,000.00	2	2020	2020	1FDUEFHT2BEB07211	G05541
2007	Hwy	10	Peterbilt Dump	42,020	13	\$175,000.00	\$13,461.54	2	2020	2020	2NPRHN8X48M754282	G09445
2010	B&G	18	Dodge Grand Caravan		7	\$28,000.00	\$4,000.00	-1	2017	2021	2D4RN4DE9AR297138	G18306
2001	WMF	13	Komatsu Loader WL180-3MC		20	\$175,000.00	\$8,750.00	3	2021	2021	A81169	G11899
2012	DPW	4	Ford F-350 PU 4x4 SRW	11,100	10	\$73,000.00	\$7,300.00	4	2022	2022	1FTRF3BT8CEC12215	G16875
2009	Hwy	24	Freightliner M916	70,000	13	\$250,000.00	\$19,230.77	4	2022	2023	1FULATCGX9PAE6130	G22495
2004	WMF	25	Case 60XT		20	\$45,000.00	\$2,250.00	6	2024	2024	1AF369864	
2010	Hwy	12	John Deere 310SG Backhoe		15	\$120,000.00	\$8,000.00	7	2025	2025	1T0310TJTA0185355	G12270
2010	Hwy	17	Morbark R12 chipper		15	\$35,000.00	\$2,353.33	7	2025	2025	4S8SZ1614W071229	G09201
2015	Hwy	5	Ford F550 4x4	19,500	10	\$95,000.00	\$9,500.00	7	2025	2025	1FDUF5H17FEA70646	G24471
2016	Hwy	11	Ford F350 4x4 DRW	12,600	10	\$73,000.00	\$7,300.00	8	2026	2026	1FDRF3HT9GEB71537	G25510
2007	HWY	20	Ford F550 Bucket truck	19,500	15	\$40,000.00	\$2,666.67	4	2022	2027	1FDAF5P67EA87609	G24213
2014	Hwy	9	Kenworth 470 Dump	46,000	13	\$185,000.00	\$14,230.77	9	2027	2027	1NKBH18X2EJ406760	G15075
2018	B&G	19	RAM 1500 4x4		10	\$40,000.00	\$4,000.00	10	2028	2028		
2018	Hwy	3	RAM 3500 4x4, SRW		10	\$73,000.00	\$7,300.00	10	2028	2028		
2008	WMF		Forklift		20	\$30,000.00	\$1,500.00	10	2028	2028		
2009	Hwy	23	John Deere 772G Grader		20	\$250,000.00	\$12,500.00	11	2029	2029	DJW772GP626302	G15303
2009	Hwy	31	Hudson 6T trailer		20	\$10,000.00	\$500.00	11	2029	2029	10HHTMBHX81000104	G21425
2015	Hwy	14	Cat 926M Loader		15	\$157,000.00	\$10,466.67	12	2030	2030	CAT926MVLTE00470	G24930
2018	Hwy	6	WesternStar 4700 Dump		15	\$180,000.00	\$12,000.00	15	2033	2033		
2014	Hwy	16	CAT 262D Skidsteer		20	\$45,000.00	\$2,250.00	16	2034	2034	CAT0262DVTB01600	G24929
2017	Hwy		Fager Beaver 20T Trailer		20	\$20,000.00	\$1,000.00	19	2037	2037	112H8V34XHL081657	G26073
2003	Hwy		Woods, Snelower, SS60		15	\$25,000.00	\$1,666.67	0	2018			
1994	B&G	21	Ford Tractor		25	\$185,000.00	\$7,400.00	1	2019		UE27548	
1968	B&G	22	Zamboni		5	\$1,500.00	\$300.00					
	Hwy	26	York Rake RB								1977	
1991	B&G	27	TRPC Landscape Trailer								TC9AC1662MFTL218	G13782
2006	B&G	28	Doolce Landscape Trailer								1DGRS16236M068543	G18990
2013	B&G	29	Downeaster Dump Trailer								5RSDD1024DT000023	G23238
2013	B&G	30	Carr Utility Trailer								4YMUJ1081XDV037861	G06497
2016	B&G	33	RC Enclosed Trailer RST6x12SA								56VBE1212HM632344	
TOTAL						\$2,871,500.00	\$211,967.95					

* These figures are a rough estimate of the currently projected replacement vehicle's cost (which may or may not be the same as the current vehicle) for the purpose of this fund and should not be construed as an accurate figure for future purchases to be compared to.

Current Yr: 2018

Prepared by
C.Theriault

Vehicle #	Year	Model	Description	Disposition	Reg #	Vin	Acqy Cost	Facility Price	Facility Overhead	Total Facility Price	Possess	Possess Hours	Possess Labor	Overall Cost
1	2006	GMC 3500	Pick-up w/ Flow	PW0051	G03266	1GTHK2Z0406E215248	\$ 807.82	\$ 32.0	\$ 739.70	\$ 1,547.02	\$ 39.33	1	\$ 23.10	\$ 1,608.43
2	2011	Ford F-550	Dump w/ Flow Sand	PW1001	G00541	1FDUPH3R12JF0607211	\$ 3,005.81	\$ 40.0	\$ 924.00	\$ 4,005.81	\$ 1,686.46	23.5	\$ 542.85	\$ 5,239.12
3	2018	Dodge 3500	Pick-up w/ Flow Sand	PW0031	G00541	3FDUPH3R12JF0607211	\$ 613.83	\$ 1.0	\$ 23.10	\$ 636.93	\$ 61.62	12.5	\$ 288.75	\$ 987.30
4	2012	Ford F350	Pick-up w/ Flow	PW121	G16875	1FTRF8TCEC12215	\$ 2,659.80	\$ 14.0	\$ 323.40	\$ 2,983.20	\$ 138.77	23	\$ 531.30	\$ 3,653.27
5	2015	Ford F550	Dump w/flow sand	PW151	G24471	1FDUFSHT7F040646	\$ 2,417.37	\$ 34.0	\$ 785.40	\$ 3,202.57	\$ 469.09	9	\$ 207.90	\$ 3,879.56
6	2000	GMC 8500	Dump w/flow sand	PW0001	G00540	1GDPFH3Y52S6578	\$ -	\$ -	\$ -	\$ -	\$ 89.83	14.99	\$ 346.27	\$ 436.10
7	2011	International 4900	Dump w/flow sand	PW111	G07960	1HTW0A0E6C161635	\$ 2,176.17	\$ 47.0	\$ 1,085.70	\$ 3,761.87	\$ 2,032.14	33.33	\$ 769.92	\$ 6,064.93
8	2003	Ford F-350	Pick-up w/ Flow Sand	PW0032	G11343	1JTF315D5ED16261	\$ 766.41	\$ 31.0	\$ 716.10	\$ 1,482.51	\$ -	-	\$ -	\$ 1,482.51
9	2014	Kenworth 470	Dump w/flow sand	PW141	G15075	1NKBH0KZE406760	\$ 4,573.54	\$ 35.0	\$ 808.50	\$ 5,392.04	\$ 198.59	15	\$ 346.50	\$ 5,542.53
10	2008	Peterbilt 340	Dump w/flow sand	PW071	G09445	2NPRH8X48M754282	\$ 684.57	\$ 77.0	\$ 1,778.70	\$ 2,542.27	\$ 450.43	14.45	\$ 333.80	\$ 7,136.45
11	2016	Ford F350	Flatbed w/flow sand	G25510	G25510	1FD0H3H19G6B71537	\$ 184.12	\$ 13.5	\$ 254.10	\$ 438.67	\$ 234.24	10.83	\$ 250.17	\$ 903.08
12	2010	John Deere 310ES	Backhoe	G12270	G12270	1T0910T1T40183555	\$ 554.27	\$ 13.5	\$ 111.85	\$ 965.97	\$ 506.80	9.5	\$ 219.45	\$ 1,692.22
13	2000	Komatsu 180	Loader	PW0002	G11899	A91189	\$ 8,092.42	\$ 40.0	\$ 924.00	\$ 9,016.42	\$ 129.70	16	\$ 369.60	\$ 9,515.72
14	2015	Case 926M	Loader	PW0951	G274930	CAT326MVLTE00470	\$ 5,745.26	\$ 14.5	\$ 334.95	\$ 6,080.21	\$ 317.63	6	\$ 138.60	\$ 6,536.44
15	2009	Ford F-550	Dump w/flow sand	PW0091	G17981	1FDFA5789B25420	\$ 2,021.74	\$ 39.0	\$ 900.90	\$ 2,922.64	\$ 1,235.85	53.5	\$ 1,459.40	\$ 7,074.13
16	2013	Case 926D	Shredder w/ slash	G24929	G24929	CAT10262DV01801600	\$ 1,418.55	\$ 3.5	\$ 80.85	\$ 1,499.40	\$ -	-	\$ -	\$ 1,499.40
17	2010	Marbach	32' wheel loader	PW102	G09212	4385Z1614A4W01229	\$ -	\$ -	\$ -	\$ -	\$ 106.58	5	\$ 115.50	\$ 222.08
18	2010	Dodge Caravan	Flow 7' pass van	PW103	G18306	204RND5A4C27138	\$ 115.86	\$ 4.0	\$ 92.40	\$ 208.26	\$ 479.20	4	\$ 92.40	\$ 571.60
19	2006	Ford Ranger	Pickup Truck	PW051	G18972	1FTR1596PAA6160	\$ 527.96	\$ 20.0	\$ 462.00	\$ 989.96	\$ 62.16	1	\$ 23.10	\$ 1,075.22
20	2007	Ford F550	Flatbed Truck	PW072	G24213	1FDFA56P7EA87609	\$ 151.09	\$ 5.0	\$ 115.50	\$ 266.59	\$ 309.96	10	\$ 231.00	\$ 540.96
21	1994	Ford 1320 HST	Tractor	none	none	U527548	\$ 104.97	\$ 4.0	\$ 92.40	\$ 197.37	\$ -	-	\$ -	\$ -
22	1968	Zamboni	Ice-machiner	none	none	none	\$ 81.64	\$ 4.0	\$ 92.40	\$ 174.04	\$ 20.24	1	\$ 23.10	\$ 217.38
23	2009	John Deere 772G	Grader w/ Flow	PW881	G15083	DW771G0P636302	\$ 282.34	\$ 11.0	\$ 264.10	\$ 536.44	\$ -	-	\$ -	\$ 536.44
24	2009	Freightliner M916	Dump w/flow sand	PW042	G27495	1FUJATG09PAE61530	\$ 468.69	\$ 34.0	\$ 872.80	\$ 1,346.49	\$ 1,369.74	25	\$ 577.50	\$ 3,293.73
25	2004	Case 60XT	Shredder w/ slash	none	none	JAF369864	\$ 1,560.68	\$ 22.5	\$ 519.75	\$ 2,080.43	\$ 51.14	5.5	\$ 127.05	\$ 2,258.62
26		York Rake RB	York Rake	PW082	G26073	1977	\$ 35.95	\$ 4.0	\$ 92.40	\$ 128.35	\$ -	2	\$ 46.20	\$ 374.55
27	1991	TRVC	Landscape Trailer	PW911	G13782	TC9AC166ZMT1RL12	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
28	2006	Dodge	Landscape Trailer	PW062	G18990	1DG85162316M08543	\$ -	\$ -	\$ -	\$ -	\$ -	3	\$ 69.30	\$ 68.30
29	2013	Downeaster	Dump Trailer	PW132	G23238	5MSDD10240T000023	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
30	2013	Carr	Utility Trailer	PW131	G06497	4YMUU081XDV077861	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
31	2008	Hudson	Flatbed Trailer (T)	PW082	G21475	10HHTMBH481000104	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
32	2017	Egger Beaver 20XPT	20' Trailer	none	none	112H8V34KH081657	\$ 6.69	\$ 1.0	\$ 23.10	\$ 29.79	\$ -	-	\$ -	\$ 29.79
33	2016	RC Trailer RS16425A	Enclosed Trailer	PW081	G26073	56V8E1212HM62344	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
34	2008	NITCO Forlift	Wheel Forklift	none	none	none	\$ 10.73	\$ 1.0	\$ 23.10	\$ 33.83	\$ -	-	\$ -	\$ 33.83
35		Red Lion	Quick-attach Boom	none	none	none	\$ 798.92	\$ 6.0	\$ 138.60	\$ 937.52	\$ -	-	\$ -	\$ 937.52
36	2012	Taurus AWD	2' Trash Pump	Police	G22495	1FAHP2M84R6D340083	\$ 43.40	\$ 3.0	\$ 69.30	\$ 112.90	\$ -	-	\$ -	\$ 112.90
37	2013	Ford Explorer SUV	Marked Recreceptor	Police	G22495	1FMSK8AR6DGC3551	\$ 43.07	\$ 9.0	\$ 207.90	\$ 250.97	\$ -	-	\$ -	\$ 250.97
38	2013	Ford Explorer SUV	Marked Recreceptor	Police	G22495	1FMSK8AR6DGC3551	\$ 104.31	\$ 18.0	\$ 415.80	\$ 520.11	\$ 203.15	7	\$ 163.10	\$ 884.96
39	2013	Ford Explorer SUV	Marked Recreceptor	Police	G22495	1FMSK8AR6DGC3551	\$ 67.15	\$ 9.0	\$ 207.90	\$ 275.05	\$ 75.65	5.85	\$ 135.14	\$ 485.94
40	2015	Ford Explorer SUV	Marked Recreceptor	Police	G22495	1FMSK8AR6DGC3551	\$ 88.00	\$ 9.0	\$ 207.90	\$ 295.90	\$ 25.31	1.5	\$ 34.65	\$ 355.86
41	2015	Ford Explorer SUV	Marked Recreceptor	Police	G22495	1FMSK8AR6DGC3551	\$ 43.54	\$ 7.5	\$ 173.25	\$ 216.75	\$ 50.34	2	\$ 46.20	\$ 313.33
42	2015	Ford Explorer SUV	Marked Recreceptor	Police	G22495	1FMSK8AR6DGC3551	\$ 94.70	\$ 9.5	\$ 219.45	\$ 314.15	\$ 23.67	1	\$ 23.10	\$ 360.92
43	2016	Ford Explorer Taurus	Marked Recreceptor	Police	G22495	1FAHP2M8GGL37094	\$ 48.22	\$ 5.0	\$ 115.50	\$ 163.72	\$ 25.31	3.5	\$ 80.85	\$ 269.88
44	2017	Ford 150 Pickup	Marked Recreceptor	Police	G22495	1FTRW1EP9HC31484	\$ 30.21	\$ 2.0	\$ 46.20	\$ 76.41	\$ 31.85	2.5	\$ 57.75	\$ 166.01
45	2007	HME Silver Fox	Engine	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
46	2007	HME Silver Fox	Engine	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
47	1989	HME FL80 Freightliner	Engine	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
48	2001	HME Central States 1871	Engine	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
49	2001	HME Central States 1871	Engine	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
50	2012	HME 1871	Tanker	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
51	2012	HME 1871	Tanker	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
52	1980	Ford F250 AWD	Rescue	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
53	2015	Ford F550/HME Miniflex	Rescue	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
54	2015	Ford F350 Pickup	Utility	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
55	2017	Ford Explorer	Chief's SUV	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
56	2017	Ford Explorer	Chief's SUV	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
57	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
58	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
59	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
60	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
61	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
62	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
63	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
64	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
65	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
66	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
67	1985	GMC 3500 4X4	Forestry	Fire	G22495	none	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -
68	19													

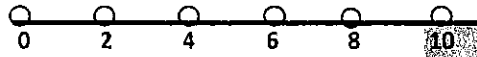
Vehicle #	Year	Model	Description	Dept assign	Reg #	Vin#	Cost to Maintain	
							Outside Contractor	Repair Total
1	2006	GMC 2500	Pick-up w/ Plow	PW061	GO3266	1GTHK24U06E215248	Meredith Truck	\$ 80.00
2	2011	Ford F-550	Dump w/ Plow-sand	PW101	GO5541	1FDUF5HT2BEB07211	Meredith Truck	\$ 65.00
3	2018	Dodge 3500	Pick-up w/ Plow-Sand	PW031	G26428	3C63R3AL3JG132882	Meredith Truck	\$ 65.00
4	2012	Ford F350	Pick-up w/ Plow	PW121	G16875	1FTRF3BT8CEC12215	Meredith Truck	\$ 65.00
5	2015	Ford F550	Dump w/Plow-sand	PW151	G24471	1FDUF5HT7FEA70646	Meredith Truck	\$ 65.00
6	2000	GMC 8500	Dump w/Plow-sand	PW001	GO5540	1GDP7H1C6YJ525678	Meredith Truck	\$ 760.00
7	2011	International 4900	Dump w/Plow-sand	PW111	GO7960	1HTWDAAR6CJ616353	Meredith Truck	\$ 2,025.00
8	2003	Ford F350	Pick-up w/ Plow-Sand	PW032	G11343	1FTSF31L53ED16261	Meredith Truck	\$ 65.00
9	2014	Kenworth 470	Dump w/Plow-sand	PW141	G15075	1NKBHJ8X2EJ406760	Meredith Truck	\$ 65.00
							NE Kenworth	\$ 8,204.01
10	2008	Peterbilt 340	Dump w/Plow-sand	PW071	GO9445	2NPRHN8X48M754282	Meredith Truck	\$ 1,705.00
							Peterbilt	\$ 5,945.56
11	2016	Ford F350	Flatbed w/Plow-sand		G25510	1FDRF3HT9GEB71537		
12	2010	John Deere 310SJ	Backhoe		G12270	1T0310TJTA0185355	Nortrax	\$ 2,205.25
13	2000	Komatsu 180	Loader	PW002	G11899	A81169		
14	2015	CAT 926M	Loader	PW951	G24930	CAT926MVLTE00470		
15	2009	Ford F-550	Dump w/Plow-sand	PW091	G17981	1FDAF57R99EB25420	Meredith Truck	\$ 65.00
16	2013	CAT 262D	Skidsteer w/ attach		G24929	CAT0262DVDTB01600		
17	2010	Morbark	12" wood Chipper	PW102	G09201	4S8SZ1614AW071229		
18	2010	Dodge Caravan	Fleet 7 pass van	PW103	G18306	2D4RN4DE9AR297138	Meredith Truck	\$ 50.00
19	2006	Ford Ranger	Pickup truck	PW051	G18972	1FTZR15E96PA46160	Meredith Truck	\$ 210.00
20	2007	Ford F550	Bucket Truck	PW072	G24213	1FDAF56P67EA87609	Meredith Truck	\$ 65.00
21	1994	Ford 1320 HST	Tractor			UE27548		
22	1968	Zamboni	Ice maintainer	PW681	none			
23	2009	John Deere 772G	Grader w/ Plow	PW881	G15303	DW772GP626302	Nortrax	\$ 11,017.44
24	2009	Freightliner M916	Dump w/Plow-sand		G22495	1FULATCGX9PAE6130		
25	2004	Case 60XT	Skidsteer w/ attach	PW042	none	JAF369864		
Total Cost to maintain							\$ 32,722.26	
							* Labor billed out at \$23.10 per hour	
							* Total cost per vehicle through December 2018	

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
 (To be filled out by CIP Committee)

Project Name One-Ton Pick-up w/Plow & SanderEstimated Cost \$73,000Department Public Works

Major Considerations	Score	Weights	Weighted Score
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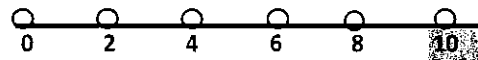
Priority/Impact to Department

1.6

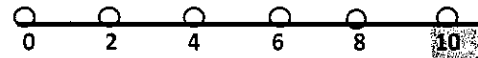
DPW Priority No.1: The DPW Fleet Pick-Up Series Trucks with plow & sander are utilized throughout the year in many aspects of the departments operations. During winter operations, these trucks are utilized for plowing, sanding, and assisting with maintaining winter access on all the Town roads for emergency access as well as maintaining safe travel routes for school buses and the travelling public. These trucks are also utilized for keeping town parking lots and facilities safe and clear during winter storms. This truck, Truck #1, during spring/summer/fall operations is utilized for facilities, grounds, beaches, cemeteries, and roads maintenance.

Notes:

Risk to Public Health & Safety

2.0Notes: Utilized to maintain safe access to town roads and facilities.

Project's Useful Life

1.4

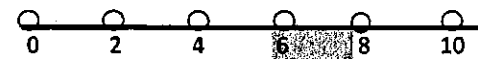
Notes: The useful life of these vehicles particularly with the wear and tear of winter maintenance is 10 years.

Well Researched/Planned

1.2

Notes: DPW maintains a Fleet Replacement Schedule and monitors the repair and maintenance cost for all vehicle and equipment.

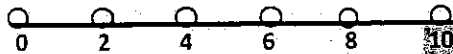
Effect on Operating/Maintenance Costs

1.8

Maintenance costs, based on available records for this vehicle, is around \$1,700 however, body work was required for this vehicle to pass inspection last year and is currently two (2) years beyond its life cycle replacement year.

Notes:

Linkage to Master Plan



1.0

Notes: Providing on-going maintenance of facilities, roads, and infrastructure.

Total Score

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
 (To be filled out by CIP Committee)

Project Name 47K GVW Dump w/Plow, Wing & Sander

Estimated Cost \$180,000

Department Public Works

Major Considerations	Score	Weights	Weighted Score
<i>Priority/Impact to Department</i> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="flex: 1;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 0246810 </div> <div style="background-color: #cccccc; width: 100%; height: 10px; position: relative;"> <div style="position: absolute; right: 0; top: 0; bottom: 0; width: 20%;"></div> </div> </div> </div>		1.6	

DPW Priority No.2: The DPW Fleet 6-Wheel Series 40K+ GVW Dump Trucks with plow, wing & sander are utilized throughout the year in many aspects of the departments operations. During winter operations, these trucks are utilized for plowing, sanding, and maintaining winter access on all the Town roads for emergency access as well as maintaining safe travel routes for school buses and the travelling public. This truck, Truck #7, during spring/summer/fall operations is utilized mainly for loading and hauling of materials to/from the road maintenance projects including roadway grading, ditching, and culvert work.

Notes: _____

<i>Risk to Public Health & Safety</i> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="flex: 1;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 0246810 </div> <div style="background-color: #cccccc; width: 100%; height: 10px; position: relative;"> <div style="position: absolute; right: 0; top: 0; bottom: 0; width: 20%;"></div> </div> </div> </div>		2.0	
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Notes: Utilized to maintain safe access to town roads and facilities.

<i>Project's Useful Life</i> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="flex: 1;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 0246810 </div> <div style="background-color: #cccccc; width: 100%; height: 10px; position: relative;"> <div style="position: absolute; right: 0; top: 0; bottom: 0; width: 20%;"></div> </div> </div> </div>		1.4	
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Notes: The useful life of these vehicles particularly with the wear and tear of winter maintenance is 13 years.

<i>Well Researched/Planned</i> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="flex: 1;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 0246810 </div> <div style="background-color: #cccccc; width: 100%; height: 10px; position: relative;"> <div style="position: absolute; right: 0; top: 0; bottom: 0; width: 20%;"></div> </div> </div> </div>		1.2	
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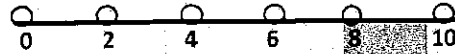
Notes: DPW maintains a Fleet Replacement Schedule and monitors the repair and maintenance cost for all vehicle and equipment.

<i>Effect on Operating/Maintenance Costs</i> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="flex: 1;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 0246810 </div> <div style="background-color: #cccccc; width: 100%; height: 10px; position: relative;"> <div style="position: absolute; right: 0; top: 0; bottom: 0; width: 20%;"></div> </div> </div> </div>		1.8	
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Maintenance costs, based on available records for this vehicle (since 2015), is over \$29,000 with over \$10,000 of that expended within the last year. Further, the extended warranty period for this vehicle expires by the end of 2018.

Notes:

Linkage to Master Plan



1.0

Notes: Providing on-going maintenance of facilities, roads, and infrastructure.

Total Score

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

Total Value of Maintaining Truck #7

<u>Vehicle #</u>	<u>Year</u>	<u>Model</u>	<u>Description</u>	<u>Dept assign</u>	<u>Reg #</u>	<u>Vin#</u>
7	2011	International 4900	Dump w/Plow -sand	PW111	GO7960	1HTWDAAR6CJ616353

Warranty Work Done by Liberty International, Inc.

<u>Date</u>	<u>Total Value</u>
4/12/2017	\$ 5,106.77
12/2/2016	\$ 2,385.79
8/14/2014	\$ 41.40
2/29/2016	\$ 5,992.43
4/14/2017	\$ 572.49
1/18/2018	\$ 3,607.75
8/14/2015	\$ 46.00
2/20/2015	\$ 2,829.07
Total	\$ 20,581.70

Oil Changes Done by Goodyear

<u>Date</u>	<u>Total Cost</u>
1/4/2016	\$ 2,689.63
3/10/2016	\$ 200.00
9/12/2018	\$ 65.00
Total	\$ 2,954.63

Internal Reports from by DPW Miscellaneous

<u>Date</u>	<u>Total Hours</u>	<u>Labor Cost</u>	<u>Parts Cost</u>	<u>Total Invoice Cost</u>
4/10/2017	3	\$ 69.30	\$ 86.96	\$ 156.26
4/17/2018	2	\$ 46.20	\$ 0.60	\$ 46.80
7/31/2017	5	\$ 115.50	\$ 117.78	\$ 233.28
8/23/2017	1	\$ 23.10	\$ 3.00	\$ 26.10
9/1/2017	4	\$ 92.40	\$ 610.38	\$ 702.78
9/20/2018	7	\$ 161.70	\$ 65.18	\$ 226.88
10/10/2017	10	\$ 231.00	\$ 564.26	\$ 795.26
11/1/2017	8	\$ 184.80	\$ 446.70	\$ 631.50
11/15/2017	1	\$ 23.10	\$ 141.00	\$ 164.10
11/16/2017	1	\$ 23.10	\$ 95.49	\$ 118.59
12/8/2017	2	\$ 46.20	\$ 22.25	\$ 68.45
12/13/2017	2	\$ 46.20	\$ 14.04	\$ 60.24
12/22/2017	1	\$ 23.10	\$ 8.53	\$ 31.63
2/9/2018	3.33	\$ 77.00	\$ 209.90	\$ 286.90
2/20/2018	3	\$ 69.30	\$ 45.61	\$ 114.91
2/23/2018	3	\$ 69.30	\$ 0.75	\$ 70.05
2/23/2018	1	\$ 23.10	\$ 106.23	\$ 129.33
3/15/2018	5	\$ 115.50	\$ 382.39	\$ 497.89
3/22/2018	4.5	\$ 103.95	\$ 234.42	\$ 338.37
4/6/2018	6.5	\$ 150.15	\$ 355.81	\$ 505.96
4/19/2018	3	\$ 69.30	\$ 323.22	\$ 392.52
Total	\$ 76.33	\$ 1,763.30	\$ 3,834.50	\$ 5,597.80

Total Value to Maintain Truck

\$ 29,134.13

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
 (To be filled out by CIP Committee)

Project Name Lease Purchase of Volvo ECR145EL ExcavatorEstimated Cost \$145,000Department Public Works

Major Considerations	Score	Weights	Weighted Score
Priority/Impact to Department <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="flex: 1;"> </div> <div style="flex: 1; text-align: right; margin-right: 20px;"> <u> </u> </div> <div style="flex: 1; text-align: center;"> <u>1.6</u> </div> </div>			

DPW Priority No.3: The highway department maintains approximately 70 miles of town roadways, including gravel roads, along with all the associated drainage facilities (culverts and ditch lines). Heavy equipment, such as excavators are a critical part of this annual upkeep. For less than the cost of renting the equipment over a 5-month period, the lease/purchase allows year-round usage of the equipment, extending our maintenance season and allowing the department to handle any

Notes: emergency road work any time of the year.

Risk to Public Health & Safety

2.0

Notes: Utilized to maintain safe access to town roads and facilities.

Project's Useful Life

1.4

Notes: The useful life of this equipment is 15-20 yrs.

Well Researched/Planned

1.2

As part of the research, the staff conducted multiple demonstrations of each piece of equipment which included different manufacturers and various culvert installations, ditching projects, and dirt road maintenance

Notes: projects.

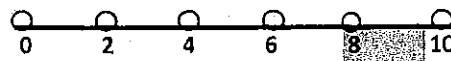
Effect on Operating/Maintenance Costs

1.8

Maintenance costs are estimated to be \$200-\$400 per year with future replacement of the undercarriage at 4-5,000 hours estimated at \$4,500 +/-

Notes:

Linkage to Master Plan



1.0

Notes: Providing on-going maintenance of facilities, roads, and infrastructure.

Total Score

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most



Ron Deducca
Town of Moultonborough
68 Highway Garage Road
PO Box 139
Moultonborough, NH 03254

March 26, 2018

Quote: Volvo ECR145EL Excavator

We are pleased to quote the following new Volvo ECR145EL excavator. This machine should be perfect for the Town because it has the ability to work and stay in 1 lane of the road without infringing on the other. I have included a lease options that can meet your needs. I have listed some of the options included in the quote.

New Volvo ECR145EL with –

Road Liner Tracks & Dozer Blade
Quick Coupler w/ Digging Bucket
63" Hydraulic Tilt Bucket
Hydraulic Thumb

Safety Beacon
Additional Work Lights
Comfort Cab Pkg
Block Heater

84 Month Lease (6 monthly payments May-Oct.)
(4.14% Interest)
Machine Sell Price

\$4,698.09 per month

\$172,300.00

The lease quoted has a **non-appropriations** clause which says, if the Town decides not to appropriate the next years payments, the lease will end at the end of the payment year and will end without cost or penalty. If the lease reaches the end of the term, the Town will own the machine free and clear without additional costs.

Thank you for this opportunity.
Sincerely,

Mike Ouellet
Sales and Product Support Representative
Chadwick-BaRoss Inc.
(603)731-3531
ouellet@chadwick-baross.com



Ron Deducca
Town of Moultonborough
68 Highway Garage Road
PO Box 139
Moultonborough, NH 03254

June 27, 2018

Quote: Volvo ECR145EL Undercarriage

The life of an undercarriage is dependent on a group of factors. Some of the factors include operator, terrain, soil composition and the amount of travel. Operators that work off the side of the machine accelerate track wear, as does rocky terrain, sandy soils and excessive tracking. There is no definitive way to calculate or guarantee usable life. I can estimate what I would predict the undercarriage life to be from years of experience as a construction equipment product support representative. Knowing the general soil type of the area and your specific application, I would predict the undercarriage should last anywhere from 4000-5000 hours. Below are today's prices for typical initial undercarriage replacement.

Track Chains	\$3,481.00
Pad nuts & bolts	\$629.00
Sprockets	\$319.00

Again, the usable life is just an estimate and my opinion. Thank you for this opportunity.
Sincerely,

Mike Ouellet
Sales and Product Support Representative
Chadwick-BaRoss Inc.
(603)731-3531
ouellet@chadwick-baross.com

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
 (To be filled out by CIP Committee)

Project Name 19.5K GVW Dump w/Plow, Wing & Sander

Estimated Cost \$120,000

Department Public Works

Major Considerations	Score	Weights	Weighted Score
Priority/Impact to Department		1.6	

DPW Priority No.4: The DPW Fleet 550 Series 19.5K GVW Dump Trucks with plow, wing & sander are utilized throughout the year in many aspects of the departments operations. During winter operations, these trucks are utilized for plowing, sanding, and maintaining winter access on all the Town roads for emergency access as well as maintaining safe travel routes for school buses and the travelling public. This truck, Truck #15, during spring/summer/fall operations is a dedicated truck set up with the blower/vacuum attachment for leaf/debris removal from roads and roadside ditches as well as many of the town-maintained cemeteries. It also holds the leaf/chip collection box to catch the leaf debris from the vacuum and the wood chips from the tow-behind chipper during tree/brush removal operations.

Notes:

Risk to Public Health & Safety

2.0

Notes: Utilized to maintain safe access to town roads and facilities.

Project's Useful Life

1.4

Notes: The useful life of these vehicles particularly with the wear and tear of winter maintenance is 10 years.

Well Researched/Planned

1.2

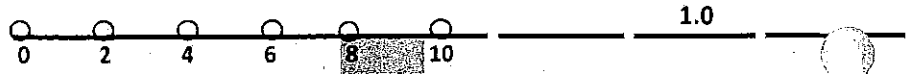
Notes: DPW maintains a Fleet Replacement Schedule and monitors the repair and maintenance cost for all vehicle and equipment.

Effect on Operating/Maintenance Costs

1.8

Notes: Maintenance costs, based on available records for this vehicle, is over \$7,000 with \$4,200 of that expended over the last year.

Linkage to Master Plan



Notes: Providing on-going maintenance of facilities, roads, and infrastructure.

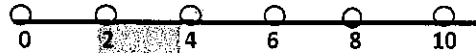
Total Score

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most


FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
 (To be filled out by CIP Committee)

Project Name Lease Purchase of Volvo SD75B RollerEstimated Cost \$77,000Department Public Works

Major Considerations	Score	Weights	Weighted Score
<i>Priority/Impact to Department</i> 		1.6	

DPW Priority No.5: The Town of Moultonborough has certain expectations of their gravel roads. With this high level of expectations, it is necessary to use the correct equipment to do the job correctly. The purchase of this roller, at the reduced rate, would allow the gravel roads to be compacted properly and in a manner to achieve these expectations, lower maintenance costs to the resident's vehicles, and reduce the complaints from the ongoing washboard effect hazards that we are currently seeing shortly after our grading operations without the use of a roller. In purchasing the roller, versus renting, the highway department would be saving additional time and funds from having to rent, along with the continual pick up and drop off a roller every time the roads need to be graded and rolled/compacted properly.

Notes: _____

Risk to Public Health & Safety


Currently not being able to use a roller due to budgetary reasons, we are having to pack the roads with the tires of a dump truck, which is not effective. However, while utilizing this method, the roads are not getting compacted in the proper manner, and in turn, we are seeing the washboard hazard show up more frequently on many gravel roads throughout town which creates a driving hazard to the travelling public.

Notes: _____

Project's Useful Life

Notes: The useful life of this equipment is 15-20 yrs.

Well Researched/Planned


As part of the research, the staff conducted multiple demonstrations of each piece of equipment which included different manufacturers on multiple gravel road maintenance projects.

Notes:

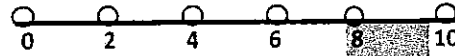
Effect on Operating/Maintenance Costs



1.8

Notes: Maintenance costs are estimated to be \$200-\$400 per year.

Linkage to Master Plan



1.0

Notes: Providing on-going maintenance of facilities, roads, and infrastructure.

Total Score

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most



Ron Deducca
Town of Moultonborough
68 Highway Garage Road
PO Box 139
Moultonborough, NH 03254

February 22, 2018

Quote: Volvo SD75B Roller

We are pleased to quote the following new Volvo SD75B Roller. This machine should be perfect for the Town because its size and mobility. I have included a lease option that I think will fill your needs.

84 Month Lease (6 monthly payments May-Oct.)	\$2,498.53 per month
(4.29% interest)	
Machine Sell price	\$91,600.00

The lease quoted has a **non-appropriations** clause which says, if the Town decides not to appropriate the next years payments, the lease will end at the end of the payment year and will end without cost or penalty. If the lease reaches the end of the term, the Town will own the machine free and clear without additional costs.

Thank you for this opportunity.

Sincerely,

Mike Ouellet
Sales and Product Support Representative
Chadwick-BaRoss Inc.
(603)731-3531
ouellet@chadwick-baross.com

Town of Moultonborough

Public Works

P.O. Box 139, 68 Highway Garage Rd
Moultonborough, NH 03254
603-253-7445- Office
e-mail: ctheriault@moultonboroughnh.gov

Chris Theriault
Director of Public Works



To: Capital Improvement Program Committee
Cc: Robert Ward, Town Planner
Re: CIP Requests for 2019-2024
Date: May 8, 2018

Chairman Burrows & Planner Ward,

Please find attached the Public Works FY 2019-2024 Projects for CIPC (including equipment, annual roads program, and facilities). Listed below are modifications/deletions from previous CIP requests which were submitted and managed under the Public Works Department. These are detailed as Equipment and Facilities. Road projects remain the same as requested with an additional year in 2024.

2019-2024 FACILITIES PROJECTS

2019

\$80,000 Public Safety Building Boiler and Hot Water Tank Upgrades
Replacement of: Worn out Equipment

2020

\$20,000 Engineering: Highway Garage 2 bay addition/existing structure rehab.
(Moved from FY2019)

2021

\$400,000 Construction: Highway Garage 2 bay addition/existing structure rehab.
(Moved from FY2020)

2019-2024 EQUIPMENT

2019

\$35,000 Skid Steer Attachment: Pick-Up Broom (Deleted)

\$73,000 One-ton Pick-Up w/Plow & Sander
Replacement of: 2006 GMC Sierra 2500 4x4 w/Plow

\$180,000 47K GVW Dump w/Plow, Wing & Sander
Replacement of: 2011 International 4900 Dump w/Plow, Wing & Sander

\$145,000 Lease Purchase of Volvo ECR145EL Excavator
Remove from Annual Rental Budget

2019-2024 EQUIPMENT (Cont.)

2019 (Cont.)

\$77,000 Lease Purchase of Volvo SD75B Roller
Remove from Annual Rental Budget

2020

\$73,000 One-ton Platform Body w/Plow & Sander
Replacement of: 2003 Ford F350 4x4 w/Plow & Sander

\$180,000 47K GVW Dump w/Plow, Wing & Sander
Replacement of: 2007 Peterbilt Dump w/Plow, Wing & Sander

2021

\$28,000 Fleet Van- 7 passenger (*Moved from FY2020*)
Replacement of: 2010 Dodge Caravan 7-passenger

2022

\$73,000 One-ton Platform Body w/Plow & Sander
Replacement of: 2012 Ford F350 4x4 w/Plow & Sander

2024

\$50,000 Skid steer w/ bucket, pallet forks and plow.
Replacement of: 2004 Case 60XT skid steer (WMF)

Moultonborough Public Works - FY 19-24 Projects for CIPC - 5/07/2018

Please note that ALL costs are ESTIMATES. Actual schedule may vary from what's listed below due to changes in need, conditions, and priorities over time.


Year	Capital	Description	Type of Project
Facilities			
FY19	\$ 80,000.00	2019 PSB - Boiler and Hot-Water Upgrades	Worn Out Equipment
FY20	\$ 20,000.00	2020 Highway Garage Maint. Bays (Engineering)	Building Expansion
	\$ 30,000.00	PSB- Flooring & Paint upgrades	On-going Maintenance
FY21	\$ 400,000.00	2021 Highway Garage Maint. Bays (Construction)	Building Expansion
FY22	\$ 30,000.00	HWY/PSB- Flooring & Paint upgrades	On-going Maintenance
FY23			
FY24	\$ 30,000.00	HWY/PSB- Flooring & Paint upgrades	On-going Maintenance
Roads			
FY19	\$ 925,000.00	Annual Road Program	
FY20	\$ 950,000.00	Annual Road Program	
FY21	\$ 975,000.00	Annual Road Program	
FY22	\$ 1,000,000.00	Annual Road Program	
FY23	\$ 1,000,000.00	Annual Road Program	
FY24	\$ 1,000,000.00	Annual Road Program	
Equipment			
FY19	\$ 120,000.00	2019 19.5K GVW Dump w/ Plow, Wing & Sander	Replaces (#15) vehicle
	\$ 73,000.00	2019 3500 1-Ton Platform Body w/ Plow& Sander	Replaces (#1) vehicle
	\$ 180,000.00	2019 47K GVW Dump w/Plow, Wing & Sander	Replaces (#7) vehicle
	\$ 145,000.00	Lease/Purchase of Volvo ECR145EL Excavator	Remove from annual rental budget
	\$ 77,000.00	Lease/Purchase of Volvo SD75B Roller	Remove from annual rental budget
FY20	\$ 120,000.00	2020 19.5K GVW Dump w/ Plow, Wing & Sander	Replaces (#2) vehicle
	\$ 73,000.00	2020 3500 1-Ton Platform Body w/ Plow& Sander	Replaces (#8) vehicle
	\$ 180,000.00	2020 47K GVW Dump w/Plow, Wing & Sander	Replaces (#10) vehicle
FY21	\$ 175,000.00	2021 Backhoe w/Attachments (WMF)	Replaces (#13) equipment
	\$ 28,000.00	2021 7-Passenger Fleet Van Replacement	Replaces (#18) vehicle
FY22	\$ 73,000.00	2022 3500 1-Ton Pick-up w/ Plow& Sander	Replaces (#4) vehicle
FY23	\$ 250,000.00	2023 55K GVW Dump w/ Plow, Wing & Sander	Replaces (#24) vehicle
FY24	\$ 50,000.00	2024 Skidsteer (Hwy/WMF)	Replaces (#25) Equipment
Projects			
FY			

Year	Sub-Dept	Vehicle #	Description	GVWR	Cycle	2018 pricing	ARC	Remaining (Yrs)	Life Cycle Replacement Year	Scheduled CIP Replacement Year	Vin#	Reg #
2006	Hwy	1	GMC Sierra 3500 4x4 SRW		10	\$73,000.00	\$7,300.00	2	2016	2019	1GTHK24006E215248	G03266
2009	Hwy	15	Ford F550 Dump	19,500	10	\$120,000.00	\$12,000.00	1	2019	2019	1FDAF57R99EB35420	G17981
2011	Hwy	7	International 4900 Dump	41,180	13	\$175,000.00	\$13,461.54	6	2024	2019	1HTWDAAR6C616353	G07960
2013	Hwy	8	Ford F350 4x4 SRW	11,100	10	\$73,000.00	\$7,300.00	5	2023	2020	1FTSF31L53ED16261	G11343
2010	Hwy	2	Ford F550 Dump	19,500	10	\$120,000.00	\$12,000.00	2	2020	2020	1FDUF5H12BEB07211	G05541
2007	Hwy	10	Peterbilt Dump	42,020	13	\$175,000.00	\$13,461.54	2	2020	2020	2NPRH8X48M754282	G09445
2010	B&G	18	Dodge Grand Caravan		7	\$28,000.00	\$4,000.00	1	2017	2021	3D4RN4DDE9ARC97138	G19506
2001	WMF	13	Komatsu Loader WL180-3MC		20	\$175,000.00	\$8,750.00	3	2021	2021	A81169	G11899
2012	DPW	4	Ford F-350 F4 4x4 SRW	11,100	10	\$73,000.00	\$7,300.00	4	2022	2022	1FTRF3BT8CEC12215	G16875
2009	Hwy	24	Freightliner M916	70,000	13	\$250,000.00	\$19,230.77	4	2022	2023	1FULATCGX9FAE6130	G22495
2004	WMF	25	Case 60XT		20	\$45,000.00	\$2,250.00	6	2024	2024	1AT369864	
2010	Hwy	12	John Deere 310SG Backhoe		15	\$120,000.00	\$8,000.00	7	2025	2025	1T0310TJTA0183355	G12270
2010	Hwy	17	Morbark R12 chipper		15	\$35,000.00	\$2,333.33	7	2025	2025	4S8SZ1614W071229	G09201
2015	Hwy	5	Ford F550 4x4	19,500	10	\$95,000.00	\$9,500.00	7	2025	2025	1FDUF5HT7FEA70646	G24471
2016	Hwy	11	Ford F350 4x4 DRW	12,600	10	\$73,000.00	\$7,300.00	8	2026	2026	1FDRF3HT9GEB71537	G25510
2007	Hwy	20	Ford F550 Bucket truck	19,500	15	\$40,000.00	\$2,666.67	4	2022	2027	1FDAF56P67EAB7609	G24213
2014	Hwy	9	Kenworth 470 Dump	46,000	13	\$185,000.00	\$14,230.77	9	2027	2027	1NKBHJ8X2EH406760	G15075
2018	B&G	19	RAM 1500 4x4		10	\$40,000.00	\$4,000.00	10	2028	2028		
2018	Hwy	3	RAM 3500 4x4 SRW		10	\$73,000.00	\$7,300.00	10	2028	2028		
2008	WMF		Forklift		20	\$30,000.00	\$1,500.00	10	2028	2028		
2009	Hwy	23	John Deere 772G Grader		20	\$250,000.00	\$12,500.00	11	2029	2029	DW772GP626302	G15303
2009	Hwy	31	Hudson 6T trailer		20	\$10,000.00	\$500.00	11	2029	2029	10HHTMBHX81000104	G21425
2015	Hwy	14	Cat 926M Loader		15	\$157,000.00	\$10,466.67	12	2030	2030	CAT926MVLTE00470	G24930
2018	Hwy	6	WesternStar 4700 Dump		15	\$180,000.00	\$12,000.00	15	2033	2033		
2014	Hwy	16	CAT 262D Skidsteer		20	\$45,000.00	\$2,250.00	16	2034	2034	CAT0262DVBTD1600	G24929
2017	Hwy		Fager Beaver 20T Trailer		20	\$20,000.00	\$1,000.00	19	2037	2037	1U2HRV34XHL081657	G26073
2003	Hwy		Woods, SnoBlower, SS60		15	\$25,000.00	\$1,666.67	0	2018			
1994	B&G	21	Ford Tractor		25	\$185,000.00	\$7,400.00	1	2019		UE27548	
1968	B&G	22	Zamboni		5	\$1,500.00	\$300.00					
	Hwy	26	York Rake RB								1977	
1991	B&G	27	TRPC Landscape Trailer								TC9AC1662MFTRL218	G13782
2006	B&G	28	Doolee Landscape Trailer								1DGRS16236M068543	G18990
2013	B&G	29	Downeaster Dump Trailer								5RSDD1024DT000023	G23218
2013	B&G	30	Carr Utility Trailer								4YMUU081XDY037861	G06497
2016	B&G	33	RC Enclosed Trailer RST6X12SA								56VBE1212HM63244	
TOTAL							\$2,871,500.00	\$311,967.95				

* These figures are a rough estimate of the currently projected replacement vehicle's cost (which may or may not be the same as the current vehicle) for the purpose of this fund and should not be construed as an accurate figure for future purchases to be compared to.

Current Yr: 2018

FORM A
CAPITAL PROJECT REQUEST
 Excluding Equipment

Department & Activity: DPW (FY 2019)		Date Prepared: May 7, 2018
Contact Person: Chris Theriault		Phone Number: 253-7445
1. Project Title: FY19 PSB Boiler/Hot Water Tank Upgrades	2. Purpose of Project Request Form (Check One)	
	<input checked="" type="checkbox"/> Add a new item to the program	
3. Department Priority	<input type="checkbox"/> Delete an item in a year already a part the program	
4. Location: PSB	<input type="checkbox"/> Modify a project already in the adopted program	
5. Description: Replacement of Boiler and Hot Water Equipment		
5.a. Describe Alternatives Considered: Continue using.		
6. Justification & Useful Life: Replacement of aged Boiler and Hot Water Tank at PSB facility.		
7. Cost & Recommended Sources of Financing		
<u>BUDGET FY</u>	<u>TOTAL*</u>	<u>RECOMMENDED SOURCES OF FINANCING</u>
Program year FY 2019	\$80,000	
Program year FY 2020		
Program year FY 2021		
Program year FY 2022		General Fund
Program year FY 2023		
Program year FY 2024		
TOTAL SIX YEARS	\$80,000	
After Sixth Year		
If adjusted for inflation, indicate adjustment percentage here: _____		
*Interest cost not included.		
8. Net Effects on Operating Costs (+/-)		9. Net Effect on Municipal Income (+/-)
Direct Costs		
personnel:	number _____	taxes _____
	\$ amount _____	other income _____
purchase of service	_____	Subtotal _____
materials & supplies	_____	gain from sale of
equipment purchases	_____	replaceable assets _____
utilities	_____	Total _____ 0
other	_____	
Subtotal () _____		
Indirect Operating Costs		10. Submitting Authority
fringe benefits	_____	Chris Theriault 5/7/2018
general admin. Costs	_____	Submitted by Date
other	_____	DPW Director
Subtotal () _____		Position
Total Operating Cost _____		Signature 
Debt Service (P&I) _____		11. Reserved
Total Operating Cost 0		

CIPC Person Completing: C. TIERIAULT

FORM D Town of Moultonborough CAPITAL IMPROVEMENT RATING SHEET (To be filled out by CIP Committee)
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Project Name PSB Balsa / HW UPGRADES
Estimated Cost \$90,000 Department DPW - FACILITIES

Major Considerations	Score	Weights	Weighted Score
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Priority/Impact to Department	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.6
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Notes: ORIGINAL REQUIRMENT (2001)

Risk to Public Health & Safety	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		2.0
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Notes: _____

Project's Useful Life	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div><div></div></div> <div>0246810</div>		1.4
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Notes: 10±

Well Researched/Planned	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div><div></div></div> <div>0246810</div>		1.2
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Notes: _____

Effect on Operating/Maintenance Costs	<div><div></div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.8
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Notes: _____

Linkage to Master Plan	<div><div></div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.0
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Notes: MAINTAINING FACILITIES

Total Score _____

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

FORM A **CAPITAL PROJECT REQUEST** **Excluding Equipment**

Department & Activity <u>DPW</u>		Date Prepared <u>April 17, 2013</u>
Contact Person <u>Scott Kinmond</u>		Phone Number <u>253-7445</u>
1. Project Title <u>FY19 Road Program</u>		2. Purpose of Project Request Form (Check One) <input type="checkbox"/> Add a new item to the program
3. Department Priority _____		
4. Location: <u>TBD</u>		
5. Description: <u>Annual Road Projects-</u>		
5.a. Describe Alternatives Considered: <u>Continue patching of unsafe or deteriorated areas.</u>		
6. Justification & Useful Life: <u>Asphalt preservation to extend pavement life cycle.</u>		
7. Cost & Recommended Sources of Financing		
BUDGET FY	TOTAL*	RECOMMENDED SOURCES OF FINANCING
Program year FY <u>19</u>	<u>\$925,000</u>	<u>Gen Fund</u>
Program year FY _____	_____	_____
Program year FY _____	_____	_____
Program year FY _____	_____	_____
Program year FY _____	_____	_____
Program year FY _____	_____	_____
TOTAL SIX YEARS	_____	_____
After Sixth Year	_____	_____
If adjusted for inflation, indicate adjustment percentage here: _____		
*Interest cost not included.		
8. Net Effects on Operating Costs (+/-)		9. Net Effect on Municipal Income (+/-)
Direct Costs		
personnel:	number _____	taxes _____
	\$ amount _____	other income _____
purchase of service	_____	Subtotal _____
materials & supplies	_____	gain from sale of
equipment purchases	_____	replaceable assets _____
utilities	_____	Total _____
other	_____	0
Subtotal () _____		
Indirect Operating Costs		10. Submitting Authority
fringe benefits	_____	Submitted by _____ Date _____
general admin. Costs	_____	<u>SD Kinmond</u> <u>April 17, 2014</u>
other	_____	Position _____
Subtotal () _____		<u>DPW Director</u>
Total Operating Cost	_____	Signature _____
Debt Service (P&I)	_____	11. Reserved
Total Operating Cost	0	

CIPC Person Completing:

C. Theriault

FORM D

Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET

(To be filled out by CIP Committee)

Project Name Annual Roads ProgramEstimated Cost \$25,000Department DPW

Major Considerations	Score	Weights	Weighted Score
Priority/Impact to Department 0 2 4 6 8 10 <input checked="" type="radio"/>		1.6	
Notes: _____			

Risk to Public Health & Safety 0 2 4 6 8 10 <input checked="" type="radio"/>		2.0	
Notes: _____			

Project's Useful Life 0 2 4 6 8 10 <input checked="" type="radio"/>		1.4	
Notes: _____			

Well Researched/Planned 0 2 4 6 8 10 <input checked="" type="radio"/>		1.2	
Notes: _____			

Effect on Operating/Maintenance Costs 0 2 4 6 8 10 <input checked="" type="radio"/>		1.8	
Notes: _____			

Linkage to Master Plan 0 2 4 6 8 10 <input checked="" type="radio"/>		1.0	
Notes: <u>Maintain Roads / Infrastructure</u>			

Total Score _____

Scoring 0 = Least
10 = MostWeighting 1 = Least
2 = Most

FORM B

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

Department & Activity DPW (FY2019) Date Prepared 5/2/2018
 Contact Person Chris Theriault Phone Number 253-7445

1. Project Title & Reference No: <u>DPW 19.5K GVW Dump Truck</u>	4. Cost	Per Unit	Total
2. Form of Acquisition (check appropriate) Purchase	Purchase price or annual rental	\$ 120,000	120,000
3. Number of Units Requested	Plus: Installation or other costs	\$	
5. Purpose of Expenditure (check appropriate) <input checked="" type="checkbox"/> Schedule replacement <input type="checkbox"/> Present equipment obsolete <input type="checkbox"/> Replace worn-out equipment <input type="checkbox"/> Reduce personnel time <input type="checkbox"/> Expanded service <input type="checkbox"/> New operation <input type="checkbox"/> Increased safety <input type="checkbox"/> Improve procedures, records, etc.	Less: Trade-in or other discount	\$ 12,000	12,000
5a. Describe Alternatives Considered: Lease	Net purchase cost or annual rental	\$	108,000
	6. Number of Similar Items in Inventory		0
	7. Estimated Use of Requested Item(s)		
	12 Months per year	Estimated useful	
	Weeks per year	life in years	
	Days per week	10	
	Hours per day		

8. Replaced Item(s)					
Item	Make	Age	Maint Costs	Prior Year's	
				Breakdowns	Rental Costs
A 19.5K GVW dump truck w/ plow, wing	Ford	2009	on file		n/a
B.					
C.					
D.					
E.					

9. Recommended Disposition of Replacement Item(s)
☐ Possible used by other agencies ☒ Trade-in ☐ Sale

10. Submitting Authority
 Submitted by: C. Theriault Date: 5/2/2018
 Position: DPW Director

11. Reserved

C. HERNANDEZ

Project Name	19.5K EVW Pump	Department	D/W
Estimated Cost	120,000		

Priority/Impact to Department

0 2 4 6 8 10 1.6

Risk to Public Health & Safety

0 2 4 6 8 10 2.0

Project's Useful Life

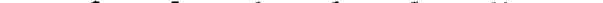
0 2 4 6 8 10 1.4

Well Researched/Planned

0 2 4 6 8 10

1.2

Effect on Operating/Maintenance Costs



0 2 4 6 8 10 1.8

Linkage to Master Plan

0 2 4 6 8 10 1.0

Total Score _____

Weighting 1 = Least
 2 = Most

FORM B

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

Department & Activity DPW (FY 2019) Date Prepared 5/7/2018
 Contact Person Chris Theriault Phone Number 253-7445

1. Project Title & Reference No: <u>3500 4X4 Pickup Truck, Plow, Sander</u>	4. Cost	Per Unit	Total
2. Form of Acquisition (check appropriate) Purchase	Purchase price or annual rental	\$ <u>73,000</u>	<u>73,000</u>
3. Number of Units Requested	Plus: Installation or other costs	\$	
5. Purpose of Expenditure (check appropriate) <input checked="" type="checkbox"/> Schedule replacement <input type="checkbox"/> Present equipment obsolete <input type="checkbox"/> Replace worn-out equipment <input type="checkbox"/> Reduce personnel time <input type="checkbox"/> Expanded service <input type="checkbox"/> New operation <input type="checkbox"/> Increased safety <input type="checkbox"/> Improve procedures, records, etc.	Less: Trade-in or other discount	\$ <u>5,000</u>	<u>5,000</u>
	Net purchase cost or annual rental	\$	<u>68,000</u>
	6. Number of Similar Items in Inventory		<u>0</u>
	7. Estimated Use of Requested Item(s) 12 Months per year Weeks per year Days per week Hours per day	Estimated useful life in years <u>10</u>	
5a. Describe Alternatives Considered: Lease			

8. Replaced Item(s)					
Item	Make	Age	Maint Costs	Prior Year's Breakdowns	Rental Costs
A. 2500HD 4X4 Pick-up	GMC	2006	on file		n/a
B.					
C.					
D.					
E.					

9. Recommended Disposition of Replacement Item(s)
☐ Possible used by other agencies ☒ Trade-in ☐ Sale

10. Submitting Authority
 Submitted by: Chris Theriault Date: 5/7/2018
 Position: DPW Director

11. Reserved

CIPC Person Completing: C. Theriault

FORM D Town of Moultonborough CAPITAL IMPROVEMENT RATING SHEET (To be filled out by CIP Committee)
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Project Name 3500 1-Dr
Estimated Cost 23,000 Department PLW

Major Considerations	Score	Weights	Weighted Score
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Priority/Impact to Department	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>0246810</div>		1.6
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Notes: _____

Risk to Public Health & Safety	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>0246810</div>		2.0
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Notes: _____

Project's Useful Life	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>0246810</div>		1.4
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Notes: 10 yrs

Well Researched/Planned	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>0246810</div>		1.2
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Notes: _____

Effect on Operating/Maintenance Costs	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>0246810</div>		1.8
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Notes: _____

Linkage to Master Plan	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>0246810</div>		1.0
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Notes: Maintaining Roads Infrastructure

Total Score _____

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

FORM B

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

Department & Activity DPW (FY 2019) Date Prepared 5/2/2018
 Contact Person Chris Theriault Phone Number 253-7445

1. Project Title & Reference No: <u>DPW 42K GVW Dump Truck</u>		4. Cost		Per Unit	Total
2. Form of Acquisition (check appropriate) Purchase		Purchase price or annual rental		\$	180,000 180,000
3. Number of Units Requested		Plus; Installation or other costs		\$	
5. Purpose of Expenditure (check appropriate) X <input type="checkbox"/> Schedule replacement <input type="checkbox"/> Present equipment obsolete <input type="checkbox"/> Replace worn-out equipment <input type="checkbox"/> Reduce personnel time <input type="checkbox"/> Expanded service <input type="checkbox"/> New operation <input type="checkbox"/> Increased safety <input type="checkbox"/> Improve procedures, records, etc.		Less; Trade-in or other discount		\$	10,000 10,000
5a. Describe Alternatives Considered: Lease		Net purchase cost or annual rental		\$	170,000
		6. Number of Similar Items in Inventory			4
		7. Estimated Use of Requested Item(s)			
		12 Months per year			Estimated useful
		Weeks per year			life in years
		Days per week			13
		Hours per day			

8. Replaced item(s)					
Item	Make	Age	Maint Costs	Prior Year's	
				Breakdowns	Rental Costs
A. 42K GVW dump truck w/ plow, wing & Sander	International	2011	on file	on file	n/a
B.					
C.					
D.					
E.					

9. Recommended Disposition of Replacement Item(s)
☐ Possible used by other agencies ☒ Trade-in ☐ Sale

10. Submitting Authority
 Submitted by: Chris Theriault Date: 5/2/2018
 Position: DPW Director

11. Reserved

CIPC Person Completing: C. THORNTON

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
(To be filled out by CIP Committee)

Project Name 47K EUW DUMP
Estimated Cost 180,000 Department DPW

Major Considerations	Score	Weights	Weighted Score
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Priority/Impact to Department 1.6

0 2 4 6 8 10

Notes: _____

Risk to Public Health & Safety 2.0

0 2 4 6 8 10

Notes: _____

Project's Useful Life 1.4

0 2 4 6 8 10

Notes: 13 yrs

Well Researched/Planned 1.2

0 2 4 6 8 10

Notes: _____

Effect on Operating/Maintenance Costs 1.8

0 2 4 6 8 10

Notes: _____

Linkage to Master Plan 1.0

0 2 4 6 8 10

Notes: MAINTAINING ROADS / INCREASED MAINTENANCE

Total Score _____

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

FORM B

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

Department & Activity DPW (FY 2019) Date Prepared 5/2/2018
 Contact Person Chris Theriault Phone Number 253-7445

1. Project Title & Reference No: Volvo ECR145EL Excavator		4. Cost		Per Unit	Total
2. Form of Acquisition (check appropriate) Existing Lease to Purchase		Purchase price or annual rental		\$	145,000
3. Number of Units Requested: 1		Plus: Installation or other costs		\$	
5. Purpose of Expenditure (check appropriate)		Less: Trade-in or other discount		\$	
<input type="checkbox"/> Schedule replacement <input type="checkbox"/> Present equipment obsolete <input type="checkbox"/> Replace worn-out equipment <input type="checkbox"/> Reduce personnel time <input type="checkbox"/> Expanded service <input checked="" type="checkbox"/> New operation <input type="checkbox"/> Increased safety <input checked="" type="checkbox"/> Improve procedures, records, etc.		Net purchase cost or annual rental		\$	145,000
Sa. Describe Alternatives Considered: Rental		6. Number of Similar Items in Inventory			0
		7. Estimated Use of Requested Item(s)			
		9 Months per year		Estimated useful	
		Weeks per year		life in years	
		Days per week		20	
		Hours per day			

8. Replaced Item(s)					
Item	Make	Age	Maint Costs	Prior Year's	
				Breakdowns	Rental Costs
A. N/A					
B.					
C.					
D.					
E.					

9. Recommended Disposition of Replacement Item(s)

☐ Possible used by other agencies ☐ Trade-in ☐ Sale

10. Submitting Authority

Submitted by: Chris Theriault Date: 5/2/2018
 Position: DPW Director *CMT*

11. Reserved

CIPC Person Completing:

C. THAMMANT

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET

(To be filled out by CIP Committee)

Project Name LEASE / PURCHASE JOLNO EXCAVATOREstimated Cost 149,000Department DPW

Major Considerations	Score	Weights	Weighted Score
Priority/Impact to Department 0 2 4 6 8 10 <input checked="" type="radio"/>		1.6	
Notes: <u>YES ROAD LOW MAINTENANCE</u>			

Risk to Public Health & Safety 0 2 4 6 8 10 <input checked="" type="radio"/>		2.0	
Notes: <u>ANNOY IN SLOW ROADS WITH MAINTENANCE</u>			

Project's Useful Life 0 2 4 6 8 10 <input checked="" type="radio"/>		1.4	
Notes: <u>15-20 yrs</u>			

Well Researched/Planned 0 2 4 6 8 10 <input checked="" type="radio"/>		1.2	
Notes: _____			

Effect on Operating/Maintenance Costs 0 2 4 6 8 10 <input type="radio"/>		1.8	
Notes: <u>REDUCE YEARLY RENTAL BUDGET FOR EQUIP.</u>			

Linkage to Master Plan 0 2 4 6 8 10 <input type="radio"/>		1.0	
Notes: <u>MAINTAIN ROADS / INFRASTRUCTURE</u>			

Total Score _____

Scoring 0 = Least
 10 = Most

Weighting 1 = Least
 2 = Most

FORM B CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL																																												
Department & Activity <u>DPW (FY 2019)</u>		Date Prepared <u>5/2/2018</u>																																										
Contact Person <u>Chris Theriault</u>		Phone Number <u>253-7445</u>																																										
1. Project Title & Reference No: <u>Volvo SD75B Roller</u>			4. Cost <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">Per Unit</th> <th style="width: 20%; text-align: center;">Total</th> </tr> </thead> <tbody> <tr> <td>Purchase price or annual rental</td> <td style="text-align: center;">\$ 77,000</td> <td style="text-align: center;">77,000</td> </tr> <tr> <td>Plus: Installation or other costs</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td>Less: Trade-in or other discount</td> <td style="text-align: center;">\$</td> <td></td> </tr> <tr> <td>Net purchase cost or annual rental</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">77,000</td> </tr> </tbody> </table>				Per Unit	Total	Purchase price or annual rental	\$ 77,000	77,000	Plus: Installation or other costs	\$		Less: Trade-in or other discount	\$		Net purchase cost or annual rental	\$	77,000																								
	Per Unit	Total																																										
Purchase price or annual rental	\$ 77,000	77,000																																										
Plus: Installation or other costs	\$																																											
Less: Trade-in or other discount	\$																																											
Net purchase cost or annual rental	\$	77,000																																										
2. Form of Acquisition (check appropriate) Existing Lease to Purchase			6. Number of Similar Items in Inventory <u>0</u>																																									
3. Number of Units Requested: <u>1</u>			7. Estimated Use of Requested Item(s) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">Estimated useful life in years</th> </tr> </thead> <tbody> <tr> <td><u>9</u> Months per year</td> <td></td> </tr> <tr> <td><u> </u> Weeks per year</td> <td></td> </tr> <tr> <td><u> </u> Days per week</td> <td style="text-align: center;">20</td> </tr> <tr> <td><u> </u> Hours per day</td> <td></td> </tr> </tbody> </table>				Estimated useful life in years	<u>9</u> Months per year		<u> </u> Weeks per year		<u> </u> Days per week	20	<u> </u> Hours per day																														
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5. Purpose of Expenditure (check appropriate) <input type="checkbox"/> Schedule replacement <input type="checkbox"/> Present equipment obsolete <input type="checkbox"/> Replace worn-out equipment <input type="checkbox"/> Reduce personnel time <input type="checkbox"/> Expanded service X <input type="checkbox"/> New operation <input type="checkbox"/> Increased safety X <input type="checkbox"/> Improve procedures, records, etc.			5a. Describe Alternatives Considered: Rental																																									
8. Replaced Item(s) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 30%;">Item</th> <th rowspan="2" style="width: 10%;">Make</th> <th rowspan="2" style="width: 10%;">Age</th> <th colspan="3" style="width: 50%;">Prior Year's</th> </tr> <tr> <th style="width: 15%;">Maint Costs</th> <th style="width: 15%;">Breakdowns</th> <th style="width: 20%;">Rental Costs</th> </tr> </thead> <tbody> <tr> <td>A. N/A</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>B.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>C.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>D.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Item	Make	Age	Prior Year's			Maint Costs	Breakdowns	Rental Costs	A. N/A						B.						C.						D.						E.					
Item	Make	Age	Prior Year's																																									
			Maint Costs	Breakdowns	Rental Costs																																							
A. N/A																																												
B.																																												
C.																																												
D.																																												
E.																																												
9. Recommended Disposition of Replacement Item(s) <input type="checkbox"/> Possible used by other agencies <input type="checkbox"/> Trade-in <input type="checkbox"/> Sale																																												
10. Submitting Authority <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> Submitted by: <u>Chris Theriault</u> Position: <u>DPW Director</u> </div> <div style="text-align: right;"> Date: <u>5/2/2018</u> </div> </div>																																												
11. Reserved																																												

CIPC Person Completing: C. THORNTON

FORM D	
Town of Moultonborough	
CAPITAL IMPROVEMENT RATING SHEET	
(To be filled out by CIP Committee)	

Project Name LEASE / PURCHASE VALLEY ROAD
Estimated Cost 77,000 Department DPW

Major Considerations	Score	Weights	Weighted Score
----------------------	-------	---------	----------------

Priority/Impact to Department	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.6
-------------------------------	--	--	-----

Notes: GRAVEL ROAD MAINTENANCE

Risk to Public Health & Safety	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		2.0
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Notes: MAINTAIN SAFE GRAVEL ROADS SLOPES

Project's Useful Life	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.4
-----------------------	--	--	-----

Notes: 15-20 YRS

Well Researched/Planned	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.2
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Notes: _____

Effect on Operating/Maintenance Costs	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.8
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Notes: Reduce yearly lease BUDGET for Equip.

Linkage to Master Plan	<div><div></div><div></div><div></div><div></div><div></div><div><input checked="" type="radio"/></div></div> <div>0246810</div>		1.0
------------------------	--	--	-----

Notes: MAINTAIN REAS (INFRASTRUCTURE)

Total Score _____

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

FORM B

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

Department & Activity	Fire Department	FY 2019	Date Prepared	5/31/2018
Co. Person	Chief Bengtson		Phone Number	476-5658

1. Project Title & Reference No. 36, Replacement of 1st Responder Medical Vehicle with Initial Attack apparatus	4. Cost	Per Unit	Total
2. Form of Acquisition (check appropriate) Purchase	Purchase price or annual rental	\$	\$266,864.00
3. Number of Units Requested One (1)	Plus: Installation or other costs	\$	
5. Purpose of Expenditure (check appropriate) <input checked="" type="checkbox"/> Schedule replacement <input type="checkbox"/> Present equipment obsolete <input checked="" type="checkbox"/> Replace worn-out equipment <input type="checkbox"/> Reduce personnel time <input checked="" type="checkbox"/> Expanded service <input type="checkbox"/> New operation <input checked="" type="checkbox"/> Increased safety <input type="checkbox"/> Improve procedures, records, etc.	Less: Trade-in or other discount	\$	\$2,000.00
	Net purchase cost or annual rental	\$	\$264,864.00
	6. Number of Similar Items in Inventory		1
	7. Estimated Use of Requested Item(s)		
	Months per year	Estimated useful life in years	15
5a. Describe Alternatives Considered: Continued use & maintenance	Weeks per year		
	Days per week		
	Hours per day		

8. Replaced Item(s)					
Item	Make	Age	Maint Costs	Prior Year's	
				Breakdowns	Rental Costs
A. 3/4-ton Pick-up truck w/utility body	Ford	29	08-17/\$8,614	\$204	
B.					
C.					
D.					
E.					

9. Recommended Disposition of Replacement Item(s)
<input type="checkbox"/> Possible used by other agencies <input type="checkbox"/> Trade-in <input checked="" type="checkbox"/> Sale

10. Submitting Authority
Submitted by: David Bengtson
Position: Fire Chief
Date: 5/10/2017

11. Reserved

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
 (To be filled out by CIP Committee)

Project Name Replacement of 1st Responder medical vehicle

Estimated Cost \$266,864

Department

Fire Department

	Major Considerations	Score	Weights	Weighted Score
Priority/Impact to Department		4	1.6	5.6
Notes: Current vehicle is 29 years old, replacement is scheduled in the apparatus replacement plan. Alternative is continued use & repair				
Risk to Public Health & Safety		6	2.0	8.0
Notes: Loss of vehicle use would extended response times				
Project's Useful Life		8	1.4	9.4
Notes: 15 yr. planned useful life, box can be transferred to new cab/chassis				
Well Researched/Planned		8	1.2	9.2
Notes: Fire Chief recommended this type of vehicle in apparatus replacement plan. It is a multi use vehicle providing EMS & fire protection service				
Effect on Operating/Maintenance Costs		0	1.8	1.8
Notes: No increased cost anticipated				
Linkage to Master Plan		8	1.0	9.0
Notes: 67. Ensure adequacy of service to island residents and those furthest from the facility				

Total Score 34 43.0

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

FORM B**CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL**

Department & Activity	Fire Department	Date Prepared	5/3/2017
Contact Person	Chief Bengtson	FY 2019 Phone Number	476-5658

1. Project Title & Reference No. 40 Replacement of Self-	4. Cost	Per Unit	Total
2. Form of Acquisition (check appropriate) Purchase	Purchase price		
	or annual rental	\$	\$8,884.80 \$222,120.00
3. Number of Units Requested Twenty-five (25)	Plus: Installation		
	or other costs	\$	
5. Purpose of Expenditure (check appropriate) Schedule replacement Present equipment obsolete Replace worn-out equipment Reduce personnel time Expanded service New operation Increased safety Improve procedures, records, etc.	Less: Trade-in or other discount	\$	\$0.00
	Net purchase cost		
	or annual rental	\$	\$8,884.80 \$222,120.00
5a. Describe Alternatives Considered: Purchase new cylinders, continue use & maintenance	6. Number of Similar Items in Inventory		25
	7. Estimated Use of Requested Item(s)		
	Months per year		Estimated useful
	Weeks per year		life in years
	Days per week		15
	Hours per day		

8. Replaced Item(s)					
Item	Make	Age	Maint Costs	Prior Year's	
				Breakdowns	Rental Costs
A. Scott NxG2 4500 psi SCBA w/mask	Scott	14	05-17/\$23,065	\$728	
B. SEMS accountability system	Scott	14			
C. Rapid Intervention air supply system	Scott	14			
D.					
E.					

9. Recommended Disposition of Replacement Item(s)		
Possible used by other agencies	Trade-in	Sale

10. Submitting Authority	Submitted by: David Bengtson	Date: 5/31/2018
	Position: Fire Chief	

11. Reserved

CIPC Person Completing: _____

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
 (To be filled out by CIP Committee)

Project Name No. 40 Replacement of Self-Contained Breathing Apparatus
Estimated Cost \$222,120 **Department** Fire Department

	Major Considerations	Score	Weights	Weighted Score
Priority/Impact to Department		10	1.6	11.6
Notes: <u>Carbon fiber cylinders will no longer be DOT compliant after 15 yrs</u> <u>Compliance is required by OSHA, NH DOL and DOT</u>				
Risk to Public Health & Safety		8	2.0	10.0
Notes: <u>Due to the carbon fiber composite structure of the cylinders, they</u> <u>are subject to a high failure rate after 15 years</u>				
Project's Useful Life		6	1.4	7.4
Notes: <u>15 years planned useful life</u>				
Well Researched/Planned		10	1.2	11.2
Notes: <u>Fire Dept. has researched & planned for this replacement for 3 years</u> <u>Due to the impending changes to the NFPA 1981 exact costs have been changing</u>				
Effect on Operating/Maintenance Costs		4	1.8	5.8
Notes: <u>Operating costs should decrease. Improvements to battery life</u> <u>have been significantly improved & regulator testing decreased</u>				
Linkage to Master Plan		8	1.0	9.0
Notes: <u>While the Master Plan does not specically address this issue, the</u> <u>ability of the Dept. to protect its residents & firefighters is our highest priority</u>				

Total Score 46 55.0

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

2018-2023 CAPITAL IMPROVEMENT PROGRAM

	A	B	C	CAPITAL YEAR REQUESTS			FIVE YEAR PLANNING										6-Year		
	Dept.	Purpose	Project	2019	Class	Rank	2020	Class	2021	Class	2022	Class	2023	Class	2024	Class	Project Totals		
3	POLICE	REPLACEMENT	Patrol Rifles	\$ 15,000.00	1	1	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 15,000.00		
4	POLICE	REPLACEMENT	2019 Ford Police Interceptor Utility	\$ 45,189.00	2	3	\$ -		\$ -		\$ -		\$ -		\$ -		\$ 45,189.00		
5	POLICE	REPLACEMENT	Dispatch Radios & Software	\$ -			\$ 20,000.00		\$ -		\$ -		\$ -		\$ -		\$ 20,000.00		
6	POLICE	REPLACEMENT	2020 Ford Police Interceptor Utility	\$ -			\$ 45,189.00		\$ -		\$ -		\$ -		\$ -		\$ 45,189.00		
7	POLICE	REPLACEMENT	2021 Ford Police Interceptor Utility	\$ -			\$ -		\$ 45,189.00		\$ -		\$ -		\$ -		\$ 45,189.00		
8	POLICE	REPLACEMENT	2022 Ford Police Interceptor Utility	\$ -			\$ -		\$ -		\$ 45,189.00		\$ -		\$ -		\$ 45,189.00		
9	POLICE	REPLACEMENT	2023 Ford Police Interceptor Utility	\$ -			\$ -		\$ -		\$ -		\$ 45,189.00		\$ -		\$ 45,189.00		
10	POLICE	REPLACEMENT	Replace 2016 Unmarked Sedan												\$ 45,189.00		\$ 45,189.00		
11			Subtotal	\$ 60,189.00			\$ 65,189.00		\$ 45,189.00		\$ 45,189.00		\$ 45,189.00		\$ 45,189.00		\$ 306,134.00		

FORM B

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

Department & Activity

POLICE

Date Prepared

5.3.2018

Contact Person

CHIEF MONAGHAN

Phone Number

476.2400

1. Project Title & Reference No.

PATROL RIFLE Replacement FY19

2. Form of Acquisition (check appropriate)

PURCHASE

3. Number of Units Requested

TWELVE 12

5. Purpose of Expenditure (check appropriate)

☐ Schedule replacement

☐ Present equipment obsolete

☒ Replace worn-out equipment

☐ Reduce personnel time

☐ Expanded service

☐ New operation

☒ Increased safety

☐ Improve procedures, records, etc.

5a. Describe Alternatives Considered:

Daniel Defense # 2, 336 / unit

4. Cost

Per Unit

Total

Purchase price

\$ 1750- \$21,000

Plus: Installation

or other costs

\$ 0 0

Less: Trade-in or

other discount

est 425-47526 5100 lower

\$ TBD TBD

Net purchase cost

or annual rental

\$ 15,000-

6. Number of Similar Items in Inventory

7. Estimated Use of Requested Item(s)

12

Months per year

Estimated useful

52

Weeks per year

life in years

7

Days per week

10

10

Hours per day

8. Replaced Item(s)

Item	Make	Age	Maint Costs	Prior Year's	
				Breakdowns	Rental Costs
A. 12 S&B PATROL RIFLES	BUSHMASTER	10			N/A
B.					
C.					
D.					
E.					

9. Recommended Disposition of Replacement Item(s)

☐ Possible used by other agencies

☐ Trade-in

☐ Sale

10. Submitting Authority

Submitted by: JOHN MONAGHAN

Date: 5.3.2018

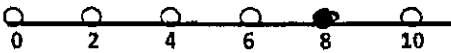
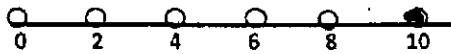
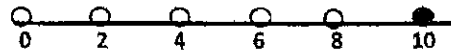

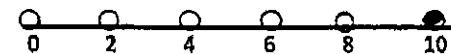
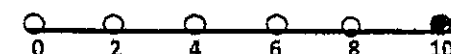
Position: CHIEF OF POLICE

11. Reserved

CIPC Person Completing: CHIEF MONAGHAN

FORM D
Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
(To be filled out by CIP Committee)

Project Name PATROL RIFLE REPLACEMENT FY 2019
Estimated Cost \$15,000 (AFTER TRADE) Department POLICE

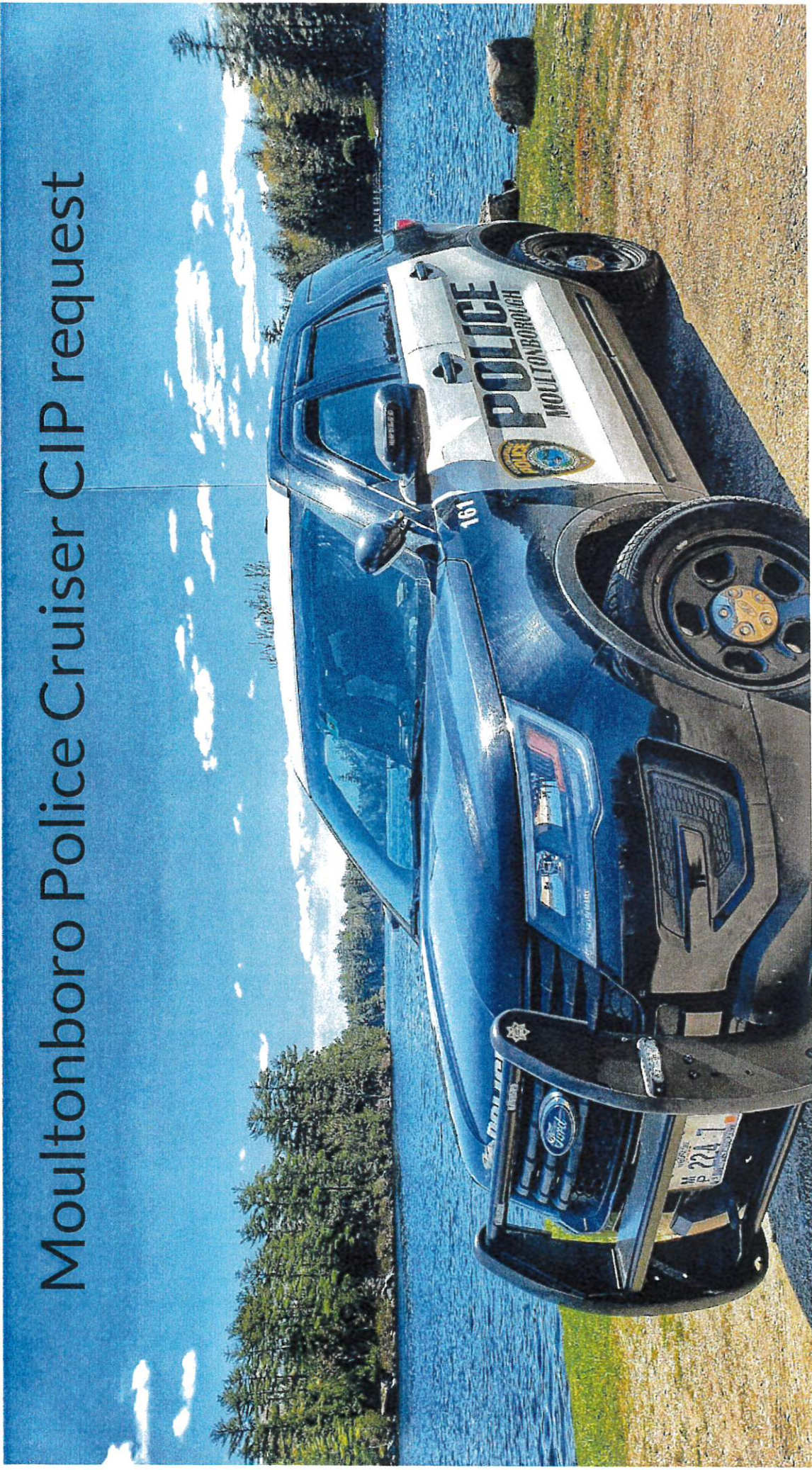
Major Considerations	Score	Weights	Weighted Score
Priority		1.6	
Notes: <u>RIFLES ARE SHOWING SIGNS OF WEAR, ONE RIFLE FAILE DURING QUALIFICATIONS</u>			
Risk to Public Health & Safety		2.0	
Notes: <u>RIFLES NEED TO BE 100% EFFECTIVE, ACURATE & IN WORKING ORDER</u>			
Project's Useful Life		1.4	
Notes: <u>CURRENT RIFLES LAST 10,000 ROUNDS (BULLETS) ~ 10 YRS</u> <u>NEW RIFLES LAST 30,000 ROUNDS ~ EST 30 YRS</u>			
Well Researched/Planned		1.2	
Notes: <u>COMPARED WITH COMPERABLE VENDORS, BEST PRICE FOR THIS RIFLE QUALITY</u>			
Effect on Operating/Maintenance Costs		1.8	
Notes: <u>HIGHER QUALITY WEPON - PISTON DRIVEN FOR CLEANER RUNNING, LITTLE TO NO YEARLY MAINTENANCE</u>			
Linkage to Master Plan		1.0	
Notes: <u>PATROL RIFLE ARE FOR DEADLY FORCE SITUATIONS TO PROTECT & PRESERVE LIVES & SAFETY OF INNOCENT BYSTANDERS & VICTIMS.</u>			

Total Score _____

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

Moultonboro Police Cruiser CIP request



Current Fleet of MPD Cruisers

Year	Make	I.D.	Miles	Model
2013	Ford	131	137,000	Sedan
2013	Ford	132	137,500	SUV
2014	Ford	141	85,000	Unmarked SUV
2015	Ford	151	71,000	SUV
2015	Ford	152	50,000	SUV
2016	Ford	161	49,000	SUV
2016	Ford	162	20,000	Unmarked Sedan
2017	Ford	171	10,500	Pick-up

TIMELINE

Current Year

2013
131

Replace in 2018

2013
132

Replace in 2019

2014
141

Replace in 2020

2015
151

Replace in 2021

2015
152

Replace in 2022

2016
161

Replace in 2023

FORM B

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

Department & Activity

POLICE

Date Prepared 5.2.2018

Contact Person

CHIEF MONAGHAN

Phone Number 476.2400

1. Project Title & Reference No.

CEUSEE Replacement FY19

2. Form of Acquisition (check appropriate)

PURCHASE

3. Number of Units Requested

ONE

5. Purpose of Expenditure (check appropriate)

- ☒ Schedule replacement
- ☐ Present equipment obsolete
- ☒ Replace worn-out equipment
- ☐ Reduce personnel time
- ☐ Expanded service
- ☐ New operation
- ☐ Increased safety
- ☐ Improve procedures, records, etc.

5a. Describe Alternatives Considered:

4. Cost

Per Unit Total

Purchase price or annual rental \$ 29,628 29,628

Plus: Installation or other costs \$ 15,561 15,561

Less: Trade-in or other discount \$

Net purchase cost or annual rental \$ 45,189

6. Number of Similar Items in Inventory

7. Estimated Use of Requested Item(s)

12 Months per year Estimated useful

52 Weeks per year life in years

7 Days per week 8

10 Hours per day

8. Replaced Item(s)

Item	Make	Age	Maint Costs	Prior Year's	
				Breakdowns	Rental Costs
A. 2013 CEUSEE Utility SUV	FORD	7			
B.					
C.					
D.					
E.					

9. Recommended Disposition of Replacement Item(s)

- ☐ Possible used by other agencies ☐ Trade-in ☐ Sale

10. Submitting Authority

Submitted by: JOHN MONAGHAN

Date: 5.2.2018

Position: CHIEF OF POLICE

11. Reserved

FORM D

Town of Moultonborough
CAPITAL IMPROVEMENT RATING SHEET
(To be filled out by CIP Committee)

Project Name CRUISER REPLACEMENT FY 2019Estimated Cost \$45,189 -Department POLICE

Major Considerations	Score	Weights	Weighted Score
Priority Notes: <u>UNIT BEING REPLACED HAS 137,500 MILES AND COUNTLESS HOURS OF IDLE TIME.</u>	<input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input checked="" type="radio"/> 8 <input type="radio"/> 10	1.6	
Risk to Public Health & Safety Notes: <u>A PATROL CAR TRAVELS AT HIGH SPEEDS (SOMETIMES) AND IS USED IN INCLEMENT WEATHER. FUNCTIONING PROPERLY IS IMPERATIVE.</u>	<input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input checked="" type="radio"/> 8 <input type="radio"/> 10	2.0	
Project's Useful Life Notes: <u>OLD CRUISERS ARE USED BY BRO (SCHOOL RESOURCE OFFICER) IN AN EFFORT TO OBTAIN MAXIMUM LIFESPAN IN FINAL YEAR.</u>	<input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input checked="" type="radio"/> 8 <input type="radio"/> 10	1.4	
Well Researched/Planned Notes: <u>THE CRUISER ROTATION MAXIMISES USEFUL LIFE SPAN WHILE BALANCING FINANCIAL BURDEN OF REPLACEMENT COST.</u>	<input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input checked="" type="radio"/> 10	1.2	
Effect on Operating/Maintenance Costs Notes: <u>NEW CRUISER REQUIRES LITTLE MAINTENANCE. V.S. MAJOR REPAIRS I.E. ENGINE TRANSMISSION TO OLDER UNITS.</u>	<input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input checked="" type="radio"/> 8 <input type="radio"/> 10	1.8	
Linkage to Master Plan Notes: <u>TO PROVIDE A SAFE, HIGH QUALITY LIFE TO THE CITIZENS BY RESPONDING SAFELY & EFFICIENTLY TO THEIR EMERGENCIES.</u>	<input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input checked="" type="radio"/> 10	1.0	

Total Score _____

Scoring 0 = Least
10 = Most

Weighting 1 = Least
2 = Most

2018-2023 CAPITAL IMPROVEMENT PROGRAM

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q		
	Dept.	Purpose	Project	CAPITAL YEAR REQUESTS			FIVE YEAR PLANNING											6-Year	
				2019	Class	Rank	2020	Class	2021	Class	2022	Class	2023	Class	2024	Class	Project Totals		
1																			
2																			
3	REC	MODIFY	States Landing 3 phase: dredging, boat launch, park improvements	\$ 175,000.00	3	6	\$ 175,000.00		\$ 175,000.00		\$ -		\$ -		\$ -		\$ 525,000.00		
4	REC	MODIFY	Phase 3-Moultonboro Neck Pathway	\$ 100,000.00	3	11	\$ 100,000.00		\$ 60,000.00		\$ -		\$ -		\$ -		\$ 260,000.00		
5	REC	LEASE	20 Passenger Coach Bus Lease	\$ -			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
6	REC	NEW	Construct bathrooms and pavilion at Playground Drive	\$ -			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
7	REC	MODIFY	Ice Rink Improvements	\$ 78,330.00	2	9	\$ 80,000.00		\$ 179,000.00		\$ -		\$ -		\$ -		\$ 337,330.00		
8				\$ -			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
9			Subtotal	\$ 353,330.00			\$ 355,000.00		\$ 414,000.00		\$ -		\$ -		\$ -		\$ 1,122,330.00		

MEMORANDUM – MOULTONBOROUGH RECREATION

TO: Robert Ward, Town Planner
FROM: Donna Kuethe, Recreation Director
RE: Recreation Dept. Capital Projects
DATE: 5/7/2018
CC: N/A

Please find attached the Capital Improvement Requests for the Moultonborough Recreation Dept. These are simply updated requests from previous years.

They are as follows:

Continue to deposit in the established Capital Reserve Funds for the States Landing Beach and Park Project and Phase III of the Moultonborough Pathway Project. As established in prior years the total for 2019 for States Landing is \$175,000.00 and the total for Phase III of the Pathway is \$100,00.00

The other project is the first phase of a three-year plan to improve the Ice Rink at Kraine Meadow Park. For 2019 the estimated total is \$88,500.00 to replace the dasher boards (hockey boards) and plexi-glass. Due to the quick turnaround time I have not yet received any adjustment in the cost of the dasher boards and plexi glass – the cost estimates are those that we received for the CIP in 2017.

What is not included:

The number one need for the Recreation Dept. continues to be adequate, consistently available, indoor program space, including a gymnasium. I know that any future plans for an indoor facility is dependent on long range plans for property on Old Route 109 (Lion's Club) and/or the Taylor Property. If the Recreation Department is to stay in the existing building indefinitely then renovations to the building need to be considered in any long-range planning.

2019 – (all submitted in previous years.

CRF States Landing – 175,000.00

CRF Pathway – 100,000.00

Dasher Boards – Rink 88,500

Total 2019 = 363,500.00

2020 –

CRF States – \$175,000.00

CRF Pathway – \$100,000.00

Rink Improvements – \$80,000.00

Total = \$355,000.00

(all else unknown at this time total TBD)

Priorities 2019

(#1 Recreation Building as determined by 2008 Strategic Plan, 2011 Blue Ribbon Commission and 2016 UNH Study but not, as of this writing, included in the CIP)

#2) Replace rink boards and plexi-glass at Ice Rink

#3) States Landing Beach and Park Project

#4) Pathway Phase III Project

I look forward to meeting with you. Let me know what questions you have.

Thank you

DJR

FORM C

CAPITAL IMPROVEMENT PROGRAM DETAILED PROJECT DESCRIPTION

(May be filled out by CIP Committee to summarize Project Information)

A. IDENTIFICATION & CODING INFORMATION

1. **Project Name:** 5/7/2018

2. **Project Name:** States Landing

3. **Program:** States Landing Improvements

4. **Department:** Recreation

B. EXPENDITURE SCHEDULE (000'S)

Cost Elements \$ Total	FY 2019	Est. FY	Total 6 Years	2020	2021	2022	2023	Year 5 FY	Year 6 FY	Beyond 6 Years
1. Planning Design & Supervision	175,000		TBD	175,000	175,000	TBD	TBD	TBD	TBD	TBD
2. Land										
3. Site Improvements & Utilities					TBD	TBD	TBD	TBD	TBD	TBD
4. Construction					TBD	TBD	TBD	TBD	TBD	TBD
5. Furniture & Equipment										
6. Total	\$175,000			\$175,000	\$175,000	TBD	TBD	TBD	TBD	TBD

C. FUNDING SCHEDULES (000'S)

GO Bonds: _____

State Aid: _____

General Fund: See attached

Capital Reserve: * this reflects continuing to deposit in CRF

Grant Funding: See attached

D. DESCRIPTION & JUSTIFICATION

See Attached

E. ANNUAL OPERATING BUDGET IMPACT (000'S)

F. MAP Reference Code:

Costs: Staff See attached

Other _____

Costs: Maint. _____

Other _____

Debt Service _____

Total _____

Other Revenue _____

or Cost Savings _____

Pathway Phase III

Establish a Capital Reserve Fund to Complete Project by 2022

Description – This proposal continues to add to the Capital Reserve fund established in 2018 with a goal of completing the Pathway on Moultonborough Neck Rd. by 2022.

Justification – Project was begun in 1995. Federal grant money is very difficult to obtain with increasing competition for shrinking funds. This continues to add to the capital reserve account and a fundraising goal to complete the project without relying on grant funding.

The project justification has been submitted many times in the past and can be re-submitted if necessary

Total project cost is estimated at \$720,000

Capital Reserve Amount to be raised is \$360,000

Additional Funding is \$360,000 – through grants and fundraising (Moultonborough Pathway Association is a 501 c-3 organization)

Alternatives Considered – No alternatives

Cost estimates – Project cost \$720,000.00

Useful Life – With proper maintenance and upkeep – unlimited.

FORM A
CAPITAL PROJECT REQUEST
Excluding Equipment

Department & Activity Recreation		Date Prepared 5/7/18	
Contact Person Donna Kuethe		Phone Number 476-8868	
1. Project Title Pathway Phase III		2. Purpose of Project Request Form (Check One) <input type="checkbox"/> Add a new item to the program	
3. Department Priority 4			
4. Location Moultonborough Neck Rd			
5. Description See attached			
5.a. Describe Alternatives Considered: see attached			
6. Justification & Useful Life see attached			
7. Cost & Recommended Sources of Financing			
BUDGET FY TOTAL*		RECOMMENDED SOURCES OF FINANCING	
Program year FY <u>see form C attached</u>			
Program year FY _____			
Program year FY _____			
Program year FY _____			
Program year FY _____			
Program year FY _____			
TOTAL SIX YEARS			
After Sixth Year _____			
If adjusted for inflation, indicate adjustment percentage here: _____			
*Interest cost not included.			
8. Net Effects on Operating Costs (+/-)		9. Net Effect on Municipal Income (+/-)	
Direct Costs		see attached	
personnel: number _____		taxes _____	
\$ amount _____		other income _____	
purchase of service _____		Subtotal _____	
materials & supplies _____		gain from sale of _____	
equipment purchases _____		replaceable assets _____	
utilities _____		Total _____	
other _____			
Subtotal () _____		10. Submitting Authority	
Indirect Operating Costs		Submitted by Date	
fringe benefits _____		Donna Kuethe 5/7/2018	
general admin. Costs _____		Position _____	
other _____			
Subtotal () _____		<i>Donna J. Kuethe</i>	
Total Operating Cost _____		11. Reserved	
Service (P&I) _____			
Total Operating Cost _____			

FORM C**CAPITAL IMPROVEMENT PROGRAM DETAILED PROJECT DESCRIPTION**

(May be filled out by CIP Committee to summarize Project Information)

A. IDENTIFICATION & CODING INFORMATION**1. Date:** 5/7/2018**2. Project Name:** Pathway Phase III**3. Program:** Moultonborough Neck Pathway**4. Department:** Recreation**B. EXPENDITURE SCHEDULE (000'S)**

Cost Elements	\$ Total	2019	Est FY	Total 6 Years	2020	2021	2022	Year 4 FY	Year 5 FY	Year 6 FY	Beyond 6 Years
1. Planning Design & Supervision		\$100,000		\$360,000	\$100,000	\$60,000					
2. Land											
3. Site Improvements & Utilities											
4. Construction											
5. Furniture & Equipment											
6. Total		\$100,000		\$360,000	\$100,000	\$60,000					

C. FUNDING SCHEDULES (000'S)

GO Bonds: _____

State Aid: _____

General Fund: _____

Capital Reserve: This continues the plan to set aside designated amounts of money for the Pathway Project.

Grant Funding: This project is eligible for federal and possible state grant funding

D. DESCRIPTION & JUSTIFICATION

See attached

E. ANNUAL OPERATING BUDGET IMPACT (000'S)**F. MAP Reference Code:**

Program Costs: Staff _____

Other _____

Facility Costs: Maint. _____

Other _____

Debt Service _____

Total Costs _____

Other Revenue _____

or Cost Savings _____

MOULTONBOROUGH RECREATION DEPARTMENT
10 HOLLAND STREET PO BOX 411
MOULTONBOROUGH, NH 03254
www.moultonboroughnh.gov
603/476-8868

TO: Moultonborough CIPC
FROM: Donna J. Kuethe, Recreation Director
DATE: May 23, 2018
CC: Robert Ward, Walter Johnson

Updated Pricing and Information on Dasher (Hockey) Boards at Ice Rink at Kraine Meadow Park

Attached is the updated pricing from Becker Arena Products. Please note that the "Expiration Date" for the pricing is June 17, 2018.

This updated cost estimate is \$78,330.80 and reflects taking advantage of the NJPA – National Joint Powers Alliance Purchasing Program Discount. Without that discount the total would be \$82,453.

It also reflects a Supervised Build program utilizing either volunteers or DPW/Rec staff. The supervised build saves us \$31,092.67 (utilizing NJPA) or \$26,970.00

The other change since my presentation 5/17 reflects the chain link for puck control to not encompass the entire rink. After discussion with Recreation staff, it was decided to go with just the ends for chain link.

Also, not noted in my presentation was that this project, like the pavilion and bathrooms, is eligible for Federal Land and Water Conservation Grant Funding. However, it continues to be a very competitive program and federal appropriations are always in question.

Please see attached for details on the boards and fencing.

Let me know if there are other questions.

Thank you very much

DK



Your Vision, Our Products... Furnishing Ice Rinks Since 1988



Customer #: 8072

Quotation #: 10002157

Revision #: 2

Date: May 17, 2018

Proposal Expiration Date: June 17, 2018

Your Sales Consultant: Mike Upton

Prepared For:

Ms. Donna Kuethe

Town of Moultonborough

6 Holland Street

Moultonborough, NH 03254

Project Location:

Town of Moultonborough

Moultonborough, New Hampshire

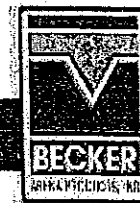
Thank you for considering Becker Arena Products, Inc., we appreciate the opportunity...

Benefits of Choosing to Partner with Becker Arena Products

- A stable and reliable company since 1988
- A staff with in-depth knowledge of the industry and products
- Quality products that last
- Experienced and professional installers
- Excellent customer service
- Worry Free Projects - Guaranteed

This system is available through the NJPA Cooperative Purchasing Program at discounted pricing. **BECKER ARENA PRODUCTS, INC – VENDOR CONTRACT #030117 – BAP**

The National Joint Powers Alliance (NJPA) is a municipal contracting government agency that serves education and government agencies nationally through competitively bid and awarded contract purchasing solutions. Over 47,000 Member agencies enjoy the value and commitment of the world-class NJPA awarded Vendors. Take advantage of the cooperative purchasing discounts shown here in this quotation mentioning our contract #030117-BAP when ordering. You must be a member and contracting authority. Ask your sales person for a copy of the NJPA Contract Purchasing information booklet or go to www.njpacoop.org for more information.



Per your request, below please find updated pricing for the following dasher board system.

BAP5.0 SIGNATURE SERIES DASHER BOARD SYSTEM

DASHER WALL FRAMING & CAP RAIL

522 lineal feet of BAP5.0 *Signature Series* galvanized 5" formed steel frame dasher boards
 Rink Size: 200' x 85' x 28' radius corners
 White powder coated 14 gauge steel facing
 3/4" white UV stabilized high-density polyethylene cap rail – ends and radius corners
 1/4" white fiberglass kick plate 8" high
 All panels pre-assembled
 Supports with foot plate and anchors

GATES

One 10'-0" radius double leaf equipment gate complete with heavy duty adjustable hinges, slide bar, cane bolts and heavy duty casters
 Two 3'-0" access gates with heavy duty hinges and ice side push button latches
 1" thick high-density polyethylene thresholds on player access gates

PLAYER & PENALTY BOXES

Not included in this pricing

PUCK CONTROL FENCING

242 lineal feet (121 lineal feet on each end and adjacent radius corners) of 6' high x 6 gauge galvanized steel chain link with a vinyl coating to 6 ga fencing with all vertical supports (Secured through the cap rail and to the dasher panel) and horizontal support rails (3 rows), four termination pads, 280 lineal (140 lineal feet on each side) feet of 4' high x 6 gauge galvanized steel chain link with a vinyl coating to 6 gauge fencing with all vertical supports (Secured through the cap rail and to the dasher panel) and horizontal support rails (2 rows) and all hardware required for installation.

WARRANTY

Becker Arena Products, Inc. will supply the above dasher board system with a **three year** warranty when purchased through the NJPA.

INSTALLATION

See options listed below

TOTAL PRICE DELIVERED ONLY

\$ 74,823.47

NJPA – NATIONAL JOINT POWERS ALLIANCE PURCHASING PROGRAM DISCOUNT

BECKER ARENA PRODUCTS, INC – VENDOR CONTRACT #0030117 - BAP

NJPA BASE PRICE DISCOUNT – 5%

[\$ 3,741.17]

BASE PRICE WITH NJPA DISCOUNT (5%)

\$ 71,082.30

Accept _____

**OPTIONS**

OPTION #1 - SUPERVISION OF INSTALLATION: Becker Arena Products, Inc. will furnish a supervisor for the complete installation of the dasher system. Price includes supervision labor (**Non-union labor /at prevailing wage rate for Carpenter Classification in Carroll County, New Hampshire**) and all mobilization. The supervisor is furnished for 4 consecutive days at 10 hours per day. Customer to furnish a crew of four for the duration – approximately 140/160 hours of labor. Customer to furnish a fork lift, dumpster service and all tools

TOTAL PRICE SUPERVISION**\$ 7,630.00****NJPA – NATIONAL JOINT POWERS ALLIANCE PURCHASING PROGRAM DISCOUNTS****BECKER ARENA PRODUCTS, INC – VENDOR CONTRACT #030117 - BAP****NJPA BASE PRICE DISCOUNT – 5%****[\$ 381.50]****BASE PRICE WITH 5% NJPA DISCOUNT****\$ 7,248.50****Accept _____**

OPTION #3 - COMPLETE INSTALLATION: Becker Arena Products, Inc. will furnish a crew for the complete installation of the dasher system. Price includes installation labor (**Non-union labor /at prevailing wage rate for Carpenter Classification in Carroll County, New Hampshire**), all mobilization, required fork lift with dumpster service scrap and packaging materials

TOTAL PRICE INSTALLATION**\$ 34,600.00****NJPA – NATIONAL JOINT POWERS ALLIANCE PURCHASING PROGRAM DISCOUNTS****BECKER ARENA PRODUCTS, INC – VENDOR CONTRACT #030117 - BAP****NJPA BASE PRICE DISCOUNT – 5%****[\$ 1,730.00]****BASE PRICE WITH 5% NJPA DISCOUNT****\$ 32,870.00****Accept _____**

Note: Customer is responsible for unloading all materials if supervision or complete installation option is not contracted.

Material Price Escalation & De-Escalation Clause (Due to the volatility of all components of the above dasher board system)

In the event that the price of any of the material(s) used in the Becker Arena Products, Inc. production of the above product increase or decrease by 3% or greater from the price used for that material(s) at the time the quote was signed, then the price for the material(s) in the contract between Becker Arena Products, Inc. and the purchaser shall be increased or decreased to reflect the additional or reduced cost to obtain that material or materials. Purchaser agrees that Becker Arena Products, Inc. shall be entitled to an adjustment to the contract price to reflect and price increases of material(s) that occur as a result of Becker Arena Products, Inc. incurring additional costs when ordering materials.

Proposal/Contract



Please Note: Taxes are the responsibility of the purchaser. Prices do not include special insurance requirements, bonding, or applicable permits and/or license fees. Prices subject to site visit and/or receipt of final construction drawings and specifications. If sales tax is applicable it will be added to the proposal totals and noted on a Contract Summary Sheet that will be sent back with your executed contract.

All payment terms are based on credit approval.

Our Standard Payment terms are:

45% due upon placement of order	(\$ _____)
45% due 10 days prior to delivery	(\$ _____)
10% due upon delivery and installation	(\$ _____)

The above payment amounts will be filled in based on total contract price and any applicable sales tax and sent back on the Contract Summary Sheet with your executed contract.

We are looking forward to the opportunity of working with you on your project and if we can be of further assistance please do not hesitate to call.

This proposal is subject to Becker Arena Products, Inc. Standard Terms and Conditions and Limited Warranty and may be withdrawn without penalty at any time before contract execution. If accepted, please sign and return this copy to Becker Arena Products. When approved and signed by one of our officers a fully executed copy will be forwarded for your records. This proposal is subject to change, withdrawal or cancellation until accepted by you. If Becker Arena Products, Inc. have not received your acceptance within 60 days from the date hereof, this proposal shall automatically expire. Becker Arena Products, Inc. retains a security interest in all products covered in this agreement until all payment terms have been met. In addition, the purchaser agrees to sign any additional documents for Becker Arena Products, Inc. to perfect its security interest in the products.

Proposal/Contract # **10002157 Rev2** is accepted with initialed options:

Purchaser Signature

Becker Arena Products, Inc.

Title

Title

Print Name

Print Name

Date

Date

NJPA Member Number

022113-BAP

NJPA Contract Number

Desired Installation Date: _____

Becker Arena Products, Inc. is an Equal Employment Opportunity Employer



Becker Arena Products, Inc.

STANDARD TERMS AND CONDITIONS

1. Applicable Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Minnesota, as applied to contracts executed in and performed wholly within the State of Minnesota.

2. Delays. Becker Arena Products, Inc. (Seller) will not be liable for any delay in the performance of orders or contracts, or in the delivery or shipment of the goods, or for any damages suffered by the Purchaser by reason of such delay, including liquidated or actual damages.

3. Arbitration. Any and all controversies or claims arising out of or relating to this contract or the performance or breach thereof shall be settled by arbitration in Minneapolis, Minnesota in accordance with the then existing rules and procedure of the American Arbitration Association.

4. Mechanic's Lien or Bond Rights. Nothing herein shall be deemed to waive or affect Seller's right to assert a mechanic's lien against the property on which the goods are installed or to make a claim against any bond. Purchaser agrees to provide any and all information requested by Seller, within three (3) calendar days, to allow Seller to preserve or effectuate its mechanic's lien or bond rights.

5. Change Orders. A change order will be required for any additional work to be performed or materials to be supplied by the Seller, which is not included in the contract or is a result of the Purchaser's failure to comply with the terms and conditions as described herein. A change order must be filled out by the Seller and signed by the Purchaser before any work commences or material is ordered and/or shipped.

6. Production Schedule, Installation Schedule, and Storage. When Seller has received and accepted the contract along with signed approval drawings and credit approval, they will have up to 16 weeks to produce and deliver the materials provided that there are no custom materials needed. Custom materials will include non-standard colors and/or materials. The Purchaser will be contacted after the receipt of the required information to coordinate a shipping date and an installation date(s). These dates will serve as the contract delivery date and will be used to schedule production, delivery, and installation. The Owner/Purchaser will be contacted 21 days prior to shipping to confirm that the site will be ready. If the Purchaser's site is not ready or will not be ready on this date, the following may occur:

Dasher Board Systems

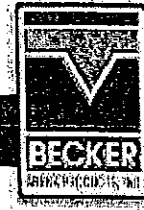
- A. Seller may choose whether or not to produce the rink according to its production schedule. If they produce the rink on schedule, it will be stored at Becker Arena Product's location of business and storage fees will be charged to the Purchaser at the rate of US \$300 per week. All payments will be due according to the terms from the original ship date. If the Seller chooses to delay production to coincide with the new ship date, no storage fees will apply and payment will be due according to the terms from the original ship date. If contract terms are paid in full prior to shipping, the time will start from the original ship date and not the adjusted ship date.



- B. A new shipping installation date will be coordinated with Seller's installation department and confirmed with the Purchaser. The Seller will reschedule the installation for the next available date according to the Seller's installation schedule. In some cases, the site delay may cause additional charges. This includes, but is not limited to, wages, remobilization, and equipment rental, to be paid by the Purchaser.
- C. If the Purchaser's site is not ready when the Seller's installation crew arrives, additional costs will be charged to the Purchaser. This includes, but is not limited to wages, travel, lodging, meals, equipment rental and changes in Becker Arena Product's installation schedule.

7. General Site Requirements. The following criteria must be met or extra charges may apply, and delays will be incurred, if the site is not in compliance when Seller is ready to deliver and install the goods:

- A. **Concrete and Floor Work:** All concrete work is to be completed and allowed to cure, according to job specifications and/or refrigeration contractors requirements, before the date installation is scheduled to begin.
- B. The levelness of the perimeter concrete, where the rink is to be installed, must be within 1/8" of levelness for every 10' in length and no more than 1/4" difference in height over the length and width of the perimeter surface.
- C. For sand floors, the first 6" from the front of the curb, where the rink is to be installed, must be within 1/16" of flatness from the inside edge outward and meet the levelness and flatness conditions specified above. Sand floors are not to be final graded prior to dasher board installation.
- D. Expansion joints, which are to be covered completely by the rink, are to be within 1/2" of straightness from end to end and side to side. The distance from side to side and end to end of the outside edge of the expansion joint is to be within 1/2" of the required dimension for the frame to cover it.
- E. If, upon arrival, the perimeter concrete is inspected and does not meet the specifications for levelness, flatness, straightness and size, the following will occur:
 - 1. Seller's Representative will determine if rink can be shimmed or adjusted/cut to achieve desired levelness, fit and/or expansion joint coverage while maintaining the structural integrity of the rink. If so, the additional time and materials to do this will be paid by the Purchaser. A change order must be filled out by the Seller's Representative and signed by the Purchaser before any work commences.
 - 2. If the rink cannot be shimmed or adjusted to the desired levelness and/or coverage while maintaining the structural integrity of the rink, the Purchaser will be responsible for fixing the surface to meet specifications. All associated costs for this are the sole responsibility of the Purchaser.
 - 3. The Seller will accept contracts that are retrofit projects with the understanding that the condition of the underlying perimeter concrete work meets the specifications stated above. If, after removal of the existing rink, the concrete does not meet these conditions, points "1" and "2" from above will apply.



8. Requirements for Rink Installations:

(Refer to the enclosed Site Requirements)

9. Walk Through Inspection. When Seller's work is complete or near complete, Purchaser or the Purchaser's Representative (including general contractors and architects) must be available for a final walk through inspection with the Seller's Representative. Any parties who do not attend the walk through will forfeit their right to submit punch list items. A final punch list of items to be completed or repaired will be prepared as a result of this walk through. Any item not included on the final "punch list" will not be the responsibility of the Seller unless it is covered by the Seller's Warranty.

10. Shop Drawings and Non-standard Shielding. Preparation of shop drawings will not commence until after the signed contract has been delivered to Seller. Production will not commence until Seller receives approved shop drawings. Field measured, tempered glass (non-standard sizes) may require an additional 3-4 weeks for delivery after completion of installation. Any field measured tempered glass to be installed by purchaser.

11. Polyethylene. All polyethylene used to manufacture the rink shall be virgin material. All colors shall match within manufacturer's tolerance. Seller will not be responsible for replacing polyethylene that conforms to manufacturer's color tolerance. During manufacturing, all panels shall have the polyethylene overhang past the frame a minimum of 1/16" on each end to allow for contraction of the material due to temperature change in the field. Seller shall not be responsible for material contraction gaps between panels due to temperature change if it adheres to these manufacturing requirements.

12. Material Check-in. (Installation supervision and supply only contracts) The Purchaser shall be responsible to verify the shipment for quantities and any damage caused from shipping for jobs that include installation supervision or are supply only. Any quantity variances and/or damage must be noted and reported to the Project Manager by filling out the Material Check-in Form and faxing it to the Project Manager. Missing/damaged items must be reported within 24 hours of receipt to receive credit. All boxes will be clearly marked by the Seller. The Ship list will clearly identify the contents and quantities of the shipment. It is the responsibility of the Purchaser to verify that all box numbers in the hardware crate are accounted for, not to open and count each individual item in a box. The Purchaser must count anything that is not boxed.



3 YEAR LIMITED WARRANTY

1. **What Is Covered By This Limited Warranty** - Becker Arena Products, Inc. ("BAP") warrants to the original purchaser ("Purchaser") that the BAP system (the "System") that is subject of this sale (a) conforms to BAP's published specifications and (b) is free from defects in material or workmanship. This warranty is not transferable by Purchaser, including any transfer by operation by law. The duration of this warranty is one year from the date of delivery to the original Purchaser. In the event of any claim of defect during the warranty period, Purchaser shall promptly notify Seller in writing of the claimed defect. Within a reasonable time after such notification Purchaser shall provide Seller full access to the products to inspect, repair, and/or replace the products in question. Seller's sole obligation shall be to correct any actual defect by repair, replacement, or adjustment as determined in Seller's sole discretion. In no event shall notification be effective if received by BAP later than 37 months from date of delivery of the System. These remedies are Purchaser's **exclusive** remedies for breach of warranty. BAP is under no obligation to honor this limited warranty during any time in which Purchaser is in default in its obligations to BAP.
2. **What Is Not Covered By This Warranty** - BAP does not warrant (a) any product, component or parts not manufactured by BAP, (b) defects caused by failure to provide a suitable installation environment for the System, (c) defects caused by failure to follow BAP's System maintenance schedule, (d) damage caused by use of the System for purposes other than those for which it was designed, (e) damage caused by a disaster such as fire, flood, wind or lightening, (f) damaged caused by unauthorized attachments or modifications to the System, (g) damage during shipment, or (h) any other abuse or misuse by Purchaser or the System.
3. **Disclaimer Of Warranty** - THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTIES FOUND UNDER ARTICLE 35(2)(a) AND (b) OF THE UNITED NATIONS CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS 1980.
4. **Limitations Of Remedies** - In no case shall BAP be liable for any special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict tort or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of savings revenue, loss of use of System or any associated equipment, cost of capital, cost of any substitute equipment, facilities or service, downtime, the claims of third parties (including customers) and injury to property. This limitation does not apply to claims for personal injury. Some states do not allow limits on warranties or on remedies for breach in certain transactions. In such states, the limits in this Section 4 and in Section 3 above may not apply.
5. **Time Limit For Bringing Suit** - Any action for a breach of warranty must be commenced within 37 months following delivery of the System.
6. **No Other Warranties** - Unless modified in a writing signed by both parties, this agreement is understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement. No employee of BAP or any other party is authorized to make any warranty in addition to those made in this agreement.
7. **Allocation Of Risk** - This warranty allocates the risk of product failure between BAP and Purchaser. This allocation is recognized by both parties and is reflected in the price of the System. Purchaser acknowledges it has read this warranty, understands it and is bound by its terms.

Rink Improvement – Revised 5/18

Description:

This project was updated with the addition of the dasher boards in 2017. It is a **3 year phased program** to make improvements to the Ice Rink at the Kraine Meadow Park. The first phase is to replace the dasher boards (hockey boards) and plexi glass (please see separate sheet with this information). The next phases include installing an asphalt surface, covering that with athletic top-coat (tennis court, basketball court), painting lines for pickle ball and basketball, covering the rink with a roof, re-building and re-orienting the maintenance building to be more efficient and safer for rink maintenance and adding a warming/observation area to the structure. The surfacing phase would be first followed by the roof and building.

Alternatives Considered:

See below for justifications, but we have addressed different issues that this project would solve in various, previous planning reports and CIPC presentations these have included, but not been limited to: volunteer re-building of the maintenance building to include a warming/spectator area and better, safer access for staff and volunteers using the Zamboni; considered a roof during the strategic planning process (2007-08) and decided that it was a project for a later time; an improved surface has helped for ice retention but does not present a suitable surface for expanded recreation activities (non-winter), lines for additional pickle ball courts were painted on the tennis courts in 2015.

Justification:

This project improves the usage of the playground and rink facilities. It addresses programming needs, staff and volunteer safety, allows expansion and inclement weather use for one of our most successful adult sport programs, improves rink maintenance and addresses an environmental issue.

Allows for expanded use for pickle ball (increases 5 courts) to include shade and being able to play on inclement weather days as well as provide expanded use for youth programs including but not limited to our summer camp program and other recreational needs such as in-line skating.

Reduces scheduling conflicts for pickle ball with basketball (especially during camp times) and tennis.

Will help to hold the ice longer and extend our season in terms of opening earlier and closing later in the season; greatly reduces maintenances of the rink in terms of snow removal and allows expanded programs on the ice i.e. broomball, curling – especially geared to our adult population.

Will create an improved maintenance area and will eliminate the safety risk (have to duck to drive the Zamboni into the maintenance building) for staff or volunteers using the Zamboni; it will also allow the Zamboni to access the ice directly from the building which will improve the ice and reduce the ice build-up that occurs at the entrance to the rink.

By providing a spectator area will reduce the number of cars that sit and idle for spectators/parents to stay warm while their children skate which reduces pollution; provides a warm place for skaters to take skates on and off and safer access to the ice

Will reduce the ice build up that occurs where the Zamboni accesses the ice – makes it so we can't close the rink doors – then skaters access the ice there, which actually creates an unsafe condition and is not a conducive access point.

Direct Costs:

There will be a reduction in the amount of time spent on rink clearing after inclement weather, but this is expected to be a "wash" since there will be an increase in usage of the facility.

Useful Life:

With regular, on-going maintenance the useful life of this project should exceed 40 years

Hockey Boards - Rink Improvement Project

Description – The replacement of the hockey boards was added to the long-range plans for the Ice Rink Improvement project in 2017. This replaces the current dasher (hockey) boards and plexi-glass with a more durable galvanized steel and chain link alternative.

The current boards were donated when a group of citizens, dubbed the “hockey dads” raised the money to purchase used dasher boards from the Laconia Ice Arena. In addition to raising the money for the boards and ground work, they disassembled the boards in Laconia, hauled them to Moultonborough and then reassembled them (no easy feat by any means)

The current boards were well used when we got them, but they were in good shape. They are designed and are appropriate for an indoor arena, not outdoor. The severe sun and winter weather have caused the boards to weaken and crack. Pieces have broken off, holes have developed either when the puck or skates come in contact with the boards (that’s from normal wear and tear – not misuse). We have had to use plywood to patch the areas. Before 2005 when we got the boards from Laconia we used plywood. However, plywood splinters and warps in a relatively short period of time on an outdoor rink.

The plexi-glass protection also has cracked and broken over time – replacing each pane of plexi-glass is around \$500.00 per piece.

Even with the plan of covering the rink, the boards will still be largely exposed to the elements although not much in the way of sun and will still be considered an outdoor rink. It is also needed whether or not the full project moves forward

The galvanized steel option for the boards is designed for outdoor use as is the chain link.

Alternatives Considered – Replacing the boards with another set of used indoor boards from an indoor rink – not feasible or practical; going without the boards – not safe for spectators or appropriate for the activities occurring; replacing the boards with plywood – only provides a short term fix.

Justification – The rink is a very well used recreation facility, with public drop-in use as well as Recreation Dept. programs. “Pick-up” Hockey is a very popular activity on the rink, the boards are necessary for both the activity the safety of the spectators as is the protection afforded by the plexi-glass.

Repair and replacement of the boards is costly and we have found no good alternative. After the initial investment, this will lower the maintenance, repair and replacement costs for the rink.

The rink is the first thing that a visitor to the park sees when they drive in to park. While repairs have been done in its current state there are broken boards, plywood patches etc. which does not provide a good first impression to visitors.

Direct costs – While the initial investment is significant this will be a long term cost saving move. As stated each plexi-glass pane is approximately \$500.00/ - we have numerous panes of plexi-glass and replacing the boards is equally as costly. The plywood option would mean constant repair and replacement.

Useful Life: With regular, on-going maintenance the useful life of this project, along with the full rink improvement project, should exceed 40 years

Excluding Equipment

Department & Activity: Recreation		Date Prepared: 5/4/2018	
Contact Person Donna Kuethe			
1. Project Title Rink Improvements		2. Purpose of Project Request Form (Check One) <input type="checkbox"/> Add a new item to the program <input type="checkbox"/> Delete an item in a year already a part the program <input checked="" type="checkbox"/> Modify a project already in the adopted program	
3. Department Priority			
4. Location Kraime Meadow Park			
5. Description See attached			
5.a. Describe Alternatives Considered: See attached			
6. Justification & Useful Life See Attached			
7. Cost & Recommended Sources of Financing			
BUDGET FY		TOTAL*	
Program year FY 2019		88,500.00	
Program year FY 2020		\$80,000.00 (+/-)	
Program year FY 2021		179,000.00 (+/-)	
Program year FY _____		_____	
Program year FY _____		_____	
Program year FY _____		_____	
TOTAL SIX YEARS		_____	
After Sixth Year		_____	
If adjusted for inflation, indicate adjustment percentage here:			
*Interest cost not included.			
8. Net Effects on Operating Costs (+/-)		9. Net Effect on Municipal Income (+/-)	
Direct Costs		taxes	
personnel:		other income	
number		Subtotal	
\$ amount		gain from sale of	
purchase of service		replaceable assets	
materials & supplies		Total	
equipment purchases		_____	
utilities		_____	
other		_____	
Subtotal ()		_____	
Indirect Operating Costs		10. Submitting Authority	
fringe benefits		Submitted by	
general admin. Costs		Date	
other		Position	
Subtotal ()		Signature	
Total Operating Cost		11. Reserved	
Debt Service (P&I)		_____	
Total Operating Cost		_____	

FORM C

CAPITAL IMPROVEMENT PROGRAM DETAILED PROJECT DESCRIPTION

(May be filled out by CIP Committee to summarize Project Information)

A. IDENTIFICATION & CODING INFORMATION

1. Date: 5/7/2018

2. Project Name: Rink Improvements

3. Program: Kraime Meadow Park

4. Department Recreation

B. EXPENDITURE SCHEDULE (000'S)

Cost Elements \$	Thru FY		Total 6			Year 3	Year 4	Year 5	Year 6	Beyond
Total	2019	Est. FY	Years	2020	2021	FY	FY	FY	FY	6 Years
1. Planning Design & Supervision										
2. Land										
3. Site Improvements & Utilities				\$80,000						
4. Construction	\$88,500				\$179,000					
5. Furniture & Equipment										
6. Total	\$88,500		\$347,500	\$80,000	\$179,000					

C. FUNDING SCHEDULES (000'S)

GO Bonds: _____

State Aid: _____

General Fund: _____

Capital Reserve: _____

Grant Funding: Possible LWCF Grant Funding for portion of project

D. DESCRIPTION & JUSTIFICATION

See attached

E. ANNUAL OPERATING BUDGET IMPACT (000'S)

F. MAP Reference Code:

am Costs: Staff See attached

Other _____

ty Costs: Maint. See attached

Other _____

Debt Service _____

Total Costs _____

Or Revenue _____

or Cost Savings _____